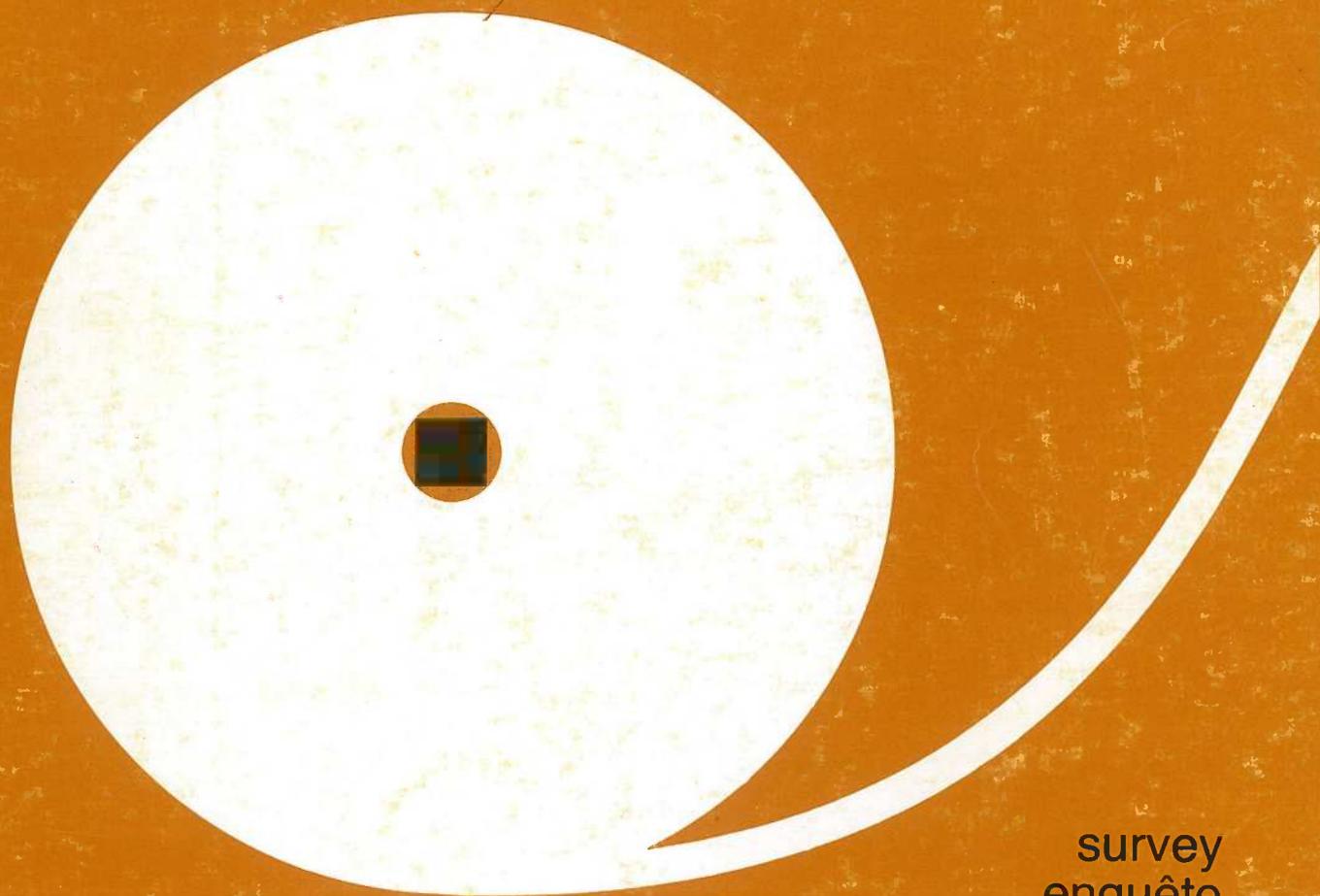


pulp and paper capacities
capacités de la pâte et du papier
capacidades de pasta y papel



survey
enquête
estudio

1983-1988

pulp and paper capacities
capacités de la pâte et du papier
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enquête
estudio

1983-1988

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Pulp and Paper Capacity Surveys



Data availability

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Report on the FAO Survey
of
World Pulp and Paper Capacities 1983 - 1988
by
The Secretariat

The annual FAO Surveys of World Pulp and Paper Capacities are based on figures received early in the year of publication from correspondents in many countries of the world, and on Secretariat estimates for the remaining countries. In most instances, the data are provided by national pulp and paper trade associations. The information on their future development plans is obtained from companies, on average about six months before the data are reported to FAO. Accordingly, the results reflect industry opinion and expectations in the middle of the first year reported on. Subsequent changes in economic, financial and market conditions may, in the meantime, have led to changes in their plans and expectations. For this 1983-88 Survey, new estimates have been received in time for inclusion for 40 countries. For the remaining countries, the estimates of the 1982-87 Survey have been repeated, and 1988 has been made equal to 1987.

The coverage, content and presentation of the Survey is as for last year. The data have been stored and processed by computers, and a computer questionnaire was used in the enquiry. The following features of presentation are noted.

- (i) Country tables for pulp and paper are presented on one page.
- (ii) Regional tables include all the detail of the country tables. In addition, these tables show for each product aggregate, the volume for which further detailed breakdown to component products is not available. The way in which this is shown is illustrated by the following example for Kraft liner:

4.3211	Kraft liner	1873
	from 4.3211 not disaggregated below	803
4.32111	Unbleached Kraft liner	570
4.32112	Bleached Kraft liner	500

This indicates immediately the extent of coverage of the detail provided on the breakdown.

- (iii) Product tables show volume of production capacity by country, for each product and product aggregate code. They are included in the order of the code number.

A list of expansion plans has been prepared and is published separately as "Projected Pulp and Paper Mills in the World 1983-1990".

The countries for which data were received in time for inclusion in the updating were Argentina, Australia, Austria, Brazil, Canada, Chile, Colombia, Czechoslovakia, Denmark, Finland, France, Germany F.R., Hong Kong, Hungary, Indonesia, Jamaica, Japan, Jordan, Republic of Korea, Madagascar, Malaysia, Mexico, Netherlands, New Zealand, Norway, Pakistan, Peru, Philippines, Poland, Portugal, Spain, Sri Lanka, Swaziland, Sweden, Switzerland, Tanzania, Tunisia, UK, USA and Uruguay. These countries account for 82 percent of world capacity. Returns from developing market economies covered 55 percent of their total production capacity.

Symbols used in the tables

.	NOT DISAGGREGATED
*)	ESTIMATED DATA
LATE DATA	DATA RECEIVED AFTER REPORT DEADLINE. REVISION NOT INCLUDED IN REGIONAL OR PRODUCT TABLES

Summary

In considering the Pulp and Paper Capacity Survey 1983-1988, it should be noted that on the basis of new data provided by China the figures for that country have been revised. In comparison with the estimates published in 1982, wood pulp capacity is reduced by 1.7 million tons, other fibre pulp capacity by 2.8 million tons and paper capacity by 3.9 million tons. In this edition the data for China excludes capacity of the province of Taiwan. The approximate magnitude of this adjustment by product is indicated by the negative change recorded against centrally planned Asia for the period 1978-83 in Tables 3 to 11.

The main findings taking this revision into account are as follows:

- (i) The increases in capacity from 1982-83 are much smaller than predicted in the 1982 Survey. The estimate of increase for the period 1983-88 are very similar to the estimates for the period of the previous Survey.
- (ii) Capacity for paper pulp production increased by 1.2 million tons in 1983 or by 0.8 percent and is estimated to rise from 153.2 million tons in 1983 to 165.4 million tons in 1988. The increase of 12.2 million tons represents an annual growth rate of 1.5 percent, similar to that projected in the previous Survey.
- (iii) The world capacity for paper and paperboard production increased by 1.4 million tons in 1983 or by 0.7 percent, compared with an increase of 2 percent in 1982. The capacity is expected to increase by 18 million tons over the period 1983 to 1988 from 206 million tons to 224 million tons, the average growth of 1.7 percent is similar to that predicted in the previous Survey.
- (iv) A further net reduction in mechanical pulp capacity of 0.75 million tons, falling to 26 million tons, is reported in 1983. The largest reductions are in Canada, West Germany and Sweden. Only that in Sweden was fully predicted by the 1982 Survey.
- (v) Thermo-mechanical pulp on the other hand increased by 1.2 million tons to 9.4 million tons. Capacity is expected to increase by 3 million tons in line with last year's Survey. Major increases in 1983 were in Canada, the United States and Sweden. India introduced capacity.
- (vi) The net increase in chemical pulp capacity in 1983 was about 0.4 million tons, compared with a predicted increase of 1.7 million tons. Several countries reported appreciable reductions including Sweden, Finland, Canada and Poland, while the United States reported an increase of 0.5 million tons. The projected increase of 7 million tons to 1988 will raise capacity from 98.6 to 105.7 million tons.
- (vii) The estimate of other fibre pulp capacity is substantially changed through the revision of data for China. Estimated capacity in 1983 is 9.2 million tons, 6 percent of total capacity for paper pulp. 7.2 million tons are in the developing countries including China, where pulp of other fibres than wood constitute 43 percent of total pulp for paper. The projected increase over the period to 1988 is 1.4 million tons, giving an annual rate of increase of 2.9 percent. Practically all this growth is in developing countries.
- (viii) The reported increases in capacity for the main types of paper and paperboard in 1983 were extremely small. Newsprint increased by 0.1 million tons to 30.7 million tons; printing and writing by 0.5 million tons to 51.3 million tons and other paper and paperboard by 0.7 million tons to 123.8 million tons. The projected increase for these three products over the period of the Survey are for newsprint 2.7 million tons with a growth rate of 1.7 percent per year, printing and writing 6 million tons with a growth rate of 2.3 percent per year, and for other paper and paperboard 9.3 million tons with a growth of 1.5 percent.
- (ix) The apparent ratio of paper pulp to paper is 74.4 percent in 1983 and falls to 73.8 percent in 1988.

Product and Regional Trends (Tables 1 and 2)

The current Survey estimates world capacity of paper grades of pulp at 153.2 million tons in 1983, an increase of 1.2 million tons on the volume estimated for 1982. Over the period of the Survey this is expected to increase by 12.2 million tons to 165.4 million tons in 1988. Paper and paperboard capacity is estimated at 205.9 million tons in 1983, an increase of 1.4 million tons on 1982. By 1987 it is expected to increase by 18 million tons to 224 million tons. The growth of capacity is illustrated in Table 1.

The total capacity for pulp of paper grades in 1983 was 1.5 million tons less than expected in the previous Survey. Compared with the previous Survey the anticipated five year growth is at a similar rate, and equal in magnitude. The estimate of growth of paper is also similar to the five year estimate of the previous Survey.

Examination of the annual increases projected by this Survey and previous ones suggests that the five year growth rate might be expected to underestimate the actual five year growth. The growth tails off in the last two years of the Survey, in part due to the absence of firm estimates for more than a proportion of the expansions and contractions that may take place in those years. On the other hand, estimates made in previous Surveys for years completed have tended to overestimate the development of capacity.

Pulp for Papermaking (1. + 2.)

The estimated increase in capacity for pulp for papermaking 1983-88 is 12.2 million tons. This is made up of a zero increase in mechanical wood pulp and increases in thermo-mechanical of 3.0 million tons, in semi-chemical 0.4 million tons and chemical wood pulp 7.1 million tons. The increase in other fibre pulp is estimated at 1.4 million tons. The increases are similar to those estimated in the previous Survey.

Of total world capacity for pulp for papermaking, developed market economies account for 78 percent, centrally planned for 14 percent, while the developing market economies' capacity constitutes 8 percent. This percentage rises to 9 percent by 1988 according to this Survey's estimates.

Market Pulp

The world capacity for market pulp production was estimated at 29.3 million tons in 1983, with the indication of a 5 percent increase to 31 million tons by 1986. A further small decrease was estimated for Finland offset by increases for Sweden and Norway. The regional distribution was 12.5 million tons in Northern America, 6.4 million tons in the Nordic countries, 3.0 million tons in the rest of Europe, 2.0 million tons in the USSR, 2.2 million tons in Latin America, 0.7 million tons in Oceania and 0.5 million tons in Africa.

Woodpulp for Papermaking (1. Table 3)

The estimated addition of 10.8 million tons to the 1983 capacity of 144 million tons will bring the world total to 154.8 million tons in 1988. The estimated increase is smaller by 0.3 million tons than the estimate made in the previous Survey. Of the 1983 woodpulp capacity, 82 percent is in developed market economies, 11 percent in developed centrally planned economies in Eastern Europe and the USSR, and 7 percent in developing countries including China. With much higher expected growth rates in the developing countries, their percentage of the total is estimated to increase to 8 by 1988. This compares with 5 percent in 1975.

Mechanical Pulp (1.1 Table 4)

Compared with the previous Survey, the capacity for mechanical pulp production shows a further reduction. The volume reported for 1983 is 0.75 million tons less than the volume reported for 1982. This is accounted for by the reduction in volume reported by developed market economies. The main reductions are reported by Canada in North America (0.4) and the EEC (0.3). A zero increase to 1988 is predicted. Practically all the production for which species of wood raw material is recorded is made from coniferous. Among major producers, Canada and the USSR do not provide information on wood raw material though one might presume it will be mainly coniferous for those two countries.

Thermo-mechanical Pulp (1.2 Table 5)

The main growth continues to be in thermo-mechanical pulp. The expansion in capacity 1982 to 1983 was 1.2 million tons, and the estimated expansion to 1988 is 3.1 million tons. 96 percent of world capacity in 1983 was in developed market economies, and 54 percent in Northern America. Canada and USA account for more than half of the estimated growth in world thermo-mechanical capacity; by 1988 54 percent would also be located in those two countries. Developing countries expect to double their capacity for this type of pulp by 1988. Practically all the volume for which raw material is recorded is manufactured from coniferous wood. (It should be noted that for Norway thermo-mechanical pulp is included with mechanical pulp.)

Semichemical Woodpulp (1.3 Table 6)

A decrease in semichemical pulp capacity of 0.4 million tons is reported between 1982 and 1983, the whole reduction being in developed market economies. During the period 1977-83 there were reductions in the capacity for semichemical pulp in Japan and Western Europe of 1.4 million tons and a net decrease on a world basis of 0.8 million tons. The world capacity is put in this Survey at 9.6 million tons. This is estimated to increase 0.4 million tons by 1988. 95 percent of capacity for which the species of wood raw material is identified used nonconiferous wood.

Chemical Woodpulp (1.4 Table 7)

Total capacity for chemical woodpulp for papermaking is estimated at 98.6 million tons. Growth to 1988 is estimated at 7.1 million tons as in the previous Survey. Chemical pulp constitutes 64 percent capacity of total pulp for paper in 1983. This percentage is estimated to hold to 1988.

The composition of total chemical pulp capacity in 1982 is as follows: unbleached sulphite 7 percent, bleached sulphite 5 percent, unbleached sulphate 38 percent, bleached sulphate 50 percent.

For 85 percent of chemical pulp capacity the wood species of the raw material used has been indicated. 24 million tons or 28 percent of the attributed capacity used nonconiferous wood, 20.3 million tons being bleached sulphate (43 percent of that type), 3 million tons unbleached sulphate and 1 million bleached sulphite.

Other Fibre Pulp (2. Table 8)

The estimate of capacity for other fibre pulp was revised to a total of 9.2 million tons. This results from the revision of the estimate for China, on the basis of new data supplied, to 3 million tons. This figure excludes capacity of 0.3 million tons in the province of Taiwan. Changes in 1982 include increases of 100 thousand tons in India, 75 thousand tons in Peru, 40 thousand tons in Indonesia and Thailand, and a revision downward by 80 thousand tons for Spain. 78 percent of this capacity is in developing countries and it constitutes 43 percent of their paper pulp capacity in 1983. The estimated growth to 1988 is 1.4 million tons, practically all in developing countries so that other fibre pulp constitutes 40 percent of developing country pulp capacity.

The type of raw material used is known for 90 percent of the capacity; 38 percent uses straw, 20 percent bagasse, 16 percent bamboo and the remainder other fibres. In Latin America bagasse predominates, in developing market economies of Asia bamboo is most important and in China two-thirds of this pulp is based on straw.

Dissolving Pulp (3.)

The total volume of 6.1 million tons constitutes 4 percent of world pulp production, and its growth is at a very low rate, and it reaches 6.3 million tons in 1988. More than 80 percent is produced as market pulp. 33 percent is from nonconiferous raw material, 25 percent from coniferous. For the remainder the raw material is not specified.

Paper and Paperboard (4. Table 9)

The total world capacity for paper and paperboard in 1983 was 205.9 million tons, an increase of 1.4 million tons or 0.7 percent on 1982. The estimated growth to 1988 is 18 million tons to a total of 224 million tons. This estimated growth is similar to the increase during the period 1978-83. 78 percent of world capacity in 1983 is in developed market economies, 9 percent in developing market economies and 13 percent in centrally planned.

Newsprint (4.1 Table 10)

World newsprint capacity of 30.7 million tons constitutes 15 percent of world paper and paperboard capacity. Increases in capacity are indicated for some developing countries. Finland fulfilled a prediction to increasing capacity by 160 thousand tons. The reduction in Sweden was also predicted, while in Japan and the Federal Republic of Germany there were decreases of around 100 thousand tons not predicted in the 1982 Survey. 1983 capacity is 0.1 million tons above the 1982 volume. This compares with a projected increase of 0.9 million tons in the 1982 Survey. Estimated growth of 2.7 million tons is appreciably lower than growth in the period 1978-83.

Other Printing and Writing Paper (4.2 Table 11)

World capacity of other printing and writing paper in 1983 was 51.3 million tons, an increase of 0.5 million tons over 1982. This compares with the projection of an increase of 2 million tons in the 1982 Survey. This results from downward revisions in capacity reported by a number of countries including Mexico, India, France and the Federal Republic of Germany. Substantial increases were reported from the USA, Finland, Sweden, Canada, Belgium, Indonesia and Chile.

Estimated growth to 1988 is 6.1 million tons, bringing the total to 57.4 million tons.

Other Paper and Paperboard

Total world capacity in 1983 is 123.8 million tons, an increase of only 1.6 million tons over 1982. This compares with a projected increase of 2.4 million tons in the 1982 Survey. Growth over the five year period to 1988 is estimated at nearly 9.2 million tons to 133.1 million tons. Other paper and paperboard is made up of the following main products:

- Household and sanitary paper 10 percent
- Wrapping and packaging paper 80 percent
- Other paper and paperboard 10 percent

The main components of wrapping and packaging (percentage in parentheses):

- Kraft liner (22)
- Other liner (6)
- Fluting medium (15)
- Kraft wrapping (16)
- Folding boxboard (14)
- Other wrapping (9)

Though the general proportions hold for developing market economies, the proportion of kraft paper and board is only 18 percent, compared with 38 percent in the world total.

Ratio of Paper Pulp to Paper and Paperboard Capacity (Table 12)

The current Survey indicates continuing reduction in the ratio between pulp and paper capacity.

Comparison with Earlier Surveys (Tables 13 and 14)

In Table 13, the estimate of total capacity in the first year of each Survey and estimate of increase over the period is shown. It should be noted that data published in the 1980, 1981 and 1982 Surveys were subsequently revised to include country returns received too late to be included. 1982 and 1983 include the revision of data for China. With the exception of the estimate made in the 1970 Survey of paper capacity growth, the estimates for the periods completed during the seventies have tended to be substantial overestimates of actual expansion. The 1970 estimate for pulp growth of 29 million tons compares with actual growth of 22.7 and the 1978 estimate for pulp and paper respectively of 19.1 and 26.6 million tons compare with recorded growth to 1983 adjusted for the data revision for China of 12.5 and 21.2 million tons. It is noteworthy that for those periods displayed in Table 13, both the actual growth and estimates of growth have a diminishing tendency.

Table 1 : World Pulp, Paper and Paperboard Capacity, 1973-88

	Total Capacity				Annual Average Increase		
	Million metric tons				Percent		
	1973	1978	1983	1988	1973-78	1978-83	1983-88
Total woodpulp, paper grades	119.8	134.9	144.0	154.8	2.4	1.3	1.5
Mechanical (a)	28.9	32.6	35.5	38.5	2.5	1.7	1.7
Semi-chemical (b)	9.9	10.5	9.6	10.1	1.2	-1.6	0.9
Chemical	81.1	91.9	98.6	105.8	2.5	1.4	1.4
Other fibre pulp	8.2	10.4	9.2	10.6	4.9	-2.4	2.9
Dissolving pulp	5.9	6.1	6.1	6.3	0.5	0.1	0.7
Total paper and paperboard	160.7	187.6	205.9	224.1	3.1	1.9	1.7
Newsprint	24.7	26.4	30.8	33.5	1.3	3.1	1.7
Printing and writing	35.7	42.8	51.3	57.4	3.7	3.7	2.3
Other paper and paperboard	100.3	118.4	123.8	133.1	3.4	0.9	1.5

- (a) Including thermomechanical pulp
(b) Including chemi-groundwood

Table 2 : Annual Rate of Increases in World Pulp, Paper and Paperboard Capacity, 1983-88

	Annual Increases				
	Percent				
	1983-4	1984-5	1985-6	1986-7	1987-8
Total woodpulp, paper grades	2.2	2.5	1.3	1.0	0.3
Mechanical (a)	3.2	2.0	1.5	1.1	0.5
Semi-chemical (b)	0.1	2.7	1.0	0.6	0.1
Chemical	2.0	2.5	1.2	1.0	0.3
Other fibre pulp	5.6	4.6	2.9	1.5	0.2
Dissolving pulp	2.4	0.2	-	1.4	-0.6
Total paper and paperboard	2.7	2.6	1.6	1.1	0.5
Newsprint	2.8	3.1	1.1	1.3	0.4
Printing and writing	3.6	3.5	2.0	1.7	0.5
Other paper and board	2.3	2.0	1.6	0.9	0.5

- (a) Including thermomechanical pulp
(b) Including chemi-groundwood

Table 3 : Increases in Capacity of Total Woodpulp for Papermaking, 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	134 945	144 007	154 773	9 062	10 766	1.3	1.5	
Developed Market Economies	113 281	118 426	126 545	5 145	8 119	0.9	1.3	
Northern America	67 003	72 749	76 415	5 746	3 666	1.7	1.0	
Japan	12 064	12 006	12 158	-58	152	-0.1	0.3	
Western Europe	31 440	30 518	33 689	-922	3 171	-0.6	2.0	
Oceania	2 090	2 326	2 670	236	344	2.2	2.8	
Others	684	827	1 613	143	786	3.9	14.3	
Developing Market Economies	5 906	8 415	10 450	2 509	2 035	7.3	4.4	
Africa	354	724	815	370	91	15.4	2.4	
Latin America	4 413	5 800	7 113	1 387	1 313	5.6	4.2	
Asia	1 139	1 891	2 522	752	631	10.7	5.9	
Centrally Planned Economies	15 758	17 166	17 778	1 408	612	1.7	0.7	
Asia	2 447	1 167	1 282	-1 280	115	-13.8	1.9	
Eastern Europe	3 661	4 354	4 446	693	92	3.5	0.4	
USSR	9 650	11 645	12 050	1 995	405	3.8	0.7	

Table 4 : Increases in Capacity of Mechanical Woodpulp for Papermaking 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	29 398	26 091	26 044	-3 307	-47	-2.4	-	
Developed Market Economies	24 467	21 305	20 902	-3 162	-403	-2.7	-0.4	
Northern America	12 533	10 319	9 729	-2 214	-590	-3.8	-1.2	
Japan	1 490	1 551	1 551	61	-	0.8	-	
Western Europe	9 436	8 491	8 542	-945	51	-2.1	0.1	
Oceania	747	740	855	-7	115	-0.2	2.9	
Others	261	204	225	-57	21	-4.8	2.0	
Developing Market Economies	880	1 184	1 460	304	276	6.1	4.3	
Africa	17	33	48	16	15	14.2	7.8	
Latin America	466	660	847	194	187	7.2	5.1	
Asia	397	491	565	94	74	4.3	2.8	
Centrally Planned Economies	4 051	3 602	3 682	-449	80	-2.3	0.4	
Asia	901	328	350	-573	22	-18.3	1.3	
Eastern Europe	950	949	972	-1	23	-	0.5	
USSR	2 200	2 325	2 360	125	35	1.1	0.3	

^{1/} Excluding thermomechanical pulp

Table 5 : Increases in Capacity of Thermomechanical Pulp, 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	3 237	9 380	12 471	6 143	3 091	23.7	5.9	
Developed Market Economies	3 237	9 036	11 874	5 799	2 838	22.8	5.6	
Northern America	1 188	5 122	6 679	3 934	1 557	33.9	5.5	
Japan	621	995	995	374	-	9.9	-	
Western Europe	1 388	2 481	3 682	1 093	1 201	12.3	8.2	
Oceania	40	288	368	248	80	48.4	5.0	
Others	-	150	150	150	-	-	-	
Developing Market Economies	-	191	395	191	204	-	15.6	
Africa	-	-	-	-	-	-	-	
Latin America	-	43	157	43	114	-	29.6	
Asia	-	148	238	148	90	-	10.0	
Centrally Planned Economies	-	153	202	153	49	-	5.7	
Asia	-	33	62	33	29	-	13.4	
Eastern Europe	-	-	-	-	-	-	-	
USSR	-	120	140	120	20	-	3.1	

Table 6 : Changes in Capacity of Semi-Chemical Woodpulp for Papermaking, 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	10 457	9 649	10 089	-808	440	-1.6	0.9	
Developed Market Economies	9 014	7 849	7 928	-1 165	79	-2.7	0.2	
Northern America	4 630	4 623	4 709	-7	86	-	0.4	
Japan	1 918	1 478	1 336	-440	-142	-5.1	-2.0	
Western Europe	1 893	1 182	1 308	-711	126	-9.0	2.0	
Oceania	411	401	410	-10	9	-0.5	0.4	
Others	162	165	165	3	-	0.4	-	
Developing Market Economies	482	584	836	102	252	3.9	7.4	
Africa	10	26	41	16	15	21.1	9.5	
Latin America	409	389	461	-20	72	-1.0	3.5	
Asia	63	169	334	106	165	21.8	14.6	
Centrally Planned Economies	961	1 216	1 325	255	109	4.8	1.7	
Asia	-	-	-	-	-	-	-	
Eastern Europe	411	416	475	5	59	0.2	2.7	
USSR	550	800	850	250	50	7.8	1.2	

Table 7 : Increases in Capacity of Chemical Woodpulp for Papermaking, 1978-88

	Capacity			Total Increase		Annual Average Increase	
	000 Metric tons					Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
World Total	91 853	98 644	105 783	6 791	7 139	1.4	1.4
Developed Market Economies	76 563	80 040	85 465	3 477	5 425	0.9	1.3
Northern America	48 652	52 685	55 298	4 033	2 613	1.6	1.0
Japan	8 035	7 982	8 276	-53	294	-0.1	0.7
Western Europe	18 723	18 168	19 781	-555	1 613	-0.6	1.7
Oceania	892	897	1 037	5	140	0.1	2.9
Others	261	308	1 073	47	765	3.4	28.4
Developing Market Economies	4 544	6 409	7 749	1 865	1 340	7.1	3.9
Africa	327	620	726	293	106	13.6	3.2
Latin America	3 538	4 706	5 646	1 168	940	5.9	3.7
Asia	679	1 083	1 377	404	294	9.8	4.9
Centrally Planned Economies	10 746	12 195	12 569	1 449	374	2.6	0.6
Asia	1 546	806	870	-740	64	-12.2	1.5
Eastern Europe	2 300	2 989	2 999	689	10	5.4	0.1
USSR	6 900	8 400	8 700	1 500	300	4.0	0.7

Table 8 : Increases in Capacity of Other Fibre Pulp for Papermaking, 1978-88

	Capacity			Total Increase		Annual Average Increase	
	000 Metric tons					Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
World Total	10 408	9 215	10 645	-1 193	1 430	- 2.4	2.9
Developed Market Economies	1 724	1 163	1 154	-561	-9	-7.6	-0.2
Northern America	667	344	381	-323	37	-12.4	2.1
Japan	4	4	4	-	-	-	-
Western Europe	938	703	657	-235	-46	-5.6	-1.3
Oceania	5	10	10	5	-	14.9	-
Others	110	102	102	-8	-	-1.5	-
Developing Market Economies	2 791	4 033	5 027	1 242	994	7.6	4.5
Africa	199	220	220	21	-	2.0	-
Latin America	1 025	1 440	1 765	415	325	7.0	4.2
Asia	1 567	2 373	3 042	806	669	8.7	5.1
Centrally Planned Economies	5 893	4 019	4 464	-1 874	445	-7.4	2.1
Asia	5 158	3 168	3 569	-1 990	401	-9.3	2.4
Eastern Europe	260	251	270	-9	19	-0.7	1.5
USSR	475	600	625	125	25	4.8	0.8

Table 9 : Increases in Capacity of Total Paper and Paperboard, 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	187 602	205 933	224 079	18 331	18 146	1.9	1.7	
Developed Market Economies	148 390	161 377	174 338	12 987	12 961	1.7	1.6	
Northern America	73 798	81 219	85 200	7 421	3 981	1.9	1.0	
Japan	21 164	23 198	24 908	2 034	1 710	1.9	1.4	
Western Europe	49 910	52 770	59 148	2 860	6 378	1.1	2.3	
Oceania	2 295	2 509	2 807	214	298	1.8	2.3	
Others	1 223	1 681	2 275	458	594	6.6	6.2	
Developing Market Economies	13 620	18 783	22 583	5 163	3 800	6.6	3.8	
Africa	709	924	1 115	215	191	5.4	3.8	
Latin America	7 920	10 240	12 659	2 320	2 419	5.3	4.3	
Asia	4 991	7 619	8 809	2 628	1 190	8.8	2.9	
Centrally Planned Economies	25 592	25 773	27 158	181	1 385	0.1	1.1	
Asia	8 701	5 837	6 284	-2 864	447	-7.7	1.5	
Eastern Europe	5 891	6 436	6 874	545	438	1.8	1.3	
USSR	11 000	13 500	14 000	2 500	500	4.2	0.7	

Table 10 : Increases in Capacity of Newsprint, 1978-88

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
World Total	26 379	30 773	33 524	4 394	2 751	3.1	1.7	
Developed Market Economies	22 268	26 252	27 943	3 984	1 691	3.3	1.3	
Northern America	12 679	15 185	15 398	2 506	213	3.7	0.3	
Japan	2 569	2 837	2 989	268	152	2.0	1.0	
Western Europe	6 254	7 154	8 405	900	1 251	2.7	3.3	
Oceania	533	685	705	152	20	5.1	0.6	
Others	233	391	446	158	55	10.9	2.7	
Developing Market Economies	1 081	1 753	2 665	672	912	10.2	8.7	
Africa	13	15	28	2	13	2.9	13.3	
Latin America	465	820	1 297	355	477	12.0	9.6	
Asia	603	918	1 340	315	422	8.8	7.9	
Centrally Planned Economies	3 030	2 768	2 916	-262	148	-1.8	1.0	
Asia	920	400	491	-520	91	-15.3	4.2	
Eastern Europe	460	468	475	8	7	0.3	0.3	
USSR	1 650	1 900	1 950	250	50	2.9	0.5	

Table 11 : Increases in Capacity of Printing and Writing Paper, 1978-88

	Capacity			Total Increase		Annual Average Increase	
	000 Metric tons					Percent	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
World Total	42 821	51 319	57 412	8 498	6 093	3.7	2.3
Developed Market Economies	34 767	42 123	47 095	7 356	4 972	3.9	2.3
Northern America	14 973	18 056	20 070	3 083	2 014	3.8	2.1
Japan	4 081	5 957	6 226	1 876	269	7.9	0.9
Western Europe	15 250	17 505	19 999	2 255	2 494	2.8	2.7
Oceania	248	278	443	30	165	2.3	9.8
Others	215	327	357	112	30	8.7	1.8
Developing Market Economies	3 202	4 419	5 149	1 217	730	6.7	3.1
Africa	228	243	303	15	60	1.3	4.5
Latin America	1 540	2 118	2 601	578	483	6.6	4.2
Asia	1 434	2 058	2 245	624	187	7.5	1.8
Centrally Planned Economies	4 852	4 777	5 168	-75	391	-0.3	1.6
Asia	2 344	1 888	2 002	-456	114	-4.2	1.2
Eastern Europe	1 108	1 239	1 466	131	227	2.3	3.4
USSR	1 400	1 650	1 700	250	50	3.3	0.6

Table 12 : Pulp and Paper Capacity Ratios

<u>Year</u>	<u>Pulp/Paper Ratio Percent</u>
1969	81.5
1970	80.4
1971	80.4
1972	80.7
1973	79.7
1974	79.1
1975	77.8
1976	77.7
1977	77.7
1978	77.5
1979	77.1
1980	76.3
1981	75.8
1982	74.7
1983	74.4
1984	74.2
1985	74.2
1986	74.0
1987	73.9
1988	73.8

Table 13 : Survey Estimates of Capacity and Capacity Increase - Pulp and Paper

Period of Survey	Total capacity in First Year of Survey		Total Increase over Period	
	000 Metric tons			
	Total Pulp for Paper-making	Total paper and paperboard	Total Pulp for Paper-making	Total Paper and Paperboard
1969-74	108.5	133.2	25.8	37.2
1970-75	113.5	141.1	28.9	34.4
1971-76	118.0	146.8	23.7	27.6
1972-77	122.8	152.1	24.1	27.7
1973-78	128.1	160.7	23.1	32.9
1974-79	132.1	167.0	29.9	37.2
1975-80	136.1	174.9	25.4	31.0
1976-81	139.6	179.7	23.3	28.1
1977-82	143.3	184.4	21.0	27.3
1978-83	145.4	187.6	19.1	26.6
1979-84	148.1	192.2	20.5	29.3
1980-85	150.8	197.6	17.9	26.1
1981-86	153.8	203.0	15.9	24.1
1982-87	151.5	203.0	13.4	19.0
1983-88	153.2	205.9	12.2	18.2

Table 14 : Survey Estimates of Capacity Increase by Major Product

	000 Metric tons				
	Survey	Survey	Survey	Survey	Survey
	1979-84	1980-85	1981-86	1982-87	1983-88
Total Woodpulp, Paper Grades	18 078	16 159	14 516	11 386	10 766
Mechanical (a)	5 686	6 108	5 235	3 423	3 044
Semi-chemical (b)	1 220	884	1 047	609	440
Chemical	11 162	9 229	8 272	7 352	7 139
Other fibre pulp	2 406	1 764	1 415	1 968	1 430
Dissolving Pulp	438	362	385	379	207
Total paper and paperboard	29 365	26 039	24 145	18 998	18 146
Newsprint	6 852	5 898	4 918	3 971	2 751
Printing and writing	8 959	8 492	7 866	6 090	6 093
Other paper and paperboard	13 547	11 826	11 379	8 905	9 272

(a) Including thermomechanical pulp

(b) Including chemi-groundwood

Enquête de la FAO

sur

la capacité mondiale de production de pâte et de papier 1983-1988

par

le Secrétariat

Les recensements annuels FAO des capacités mondiales de production de pâte et de papier se fondent sur les chiffres envoyés en début d'année par les correspondants de nombreux pays du monde, ainsi que sur des estimations du Secrétariat pour les autres pays. Dans la plupart des cas, les données sont fournies par les associations professionnelles nationales du secteur de la pâte et du papier. Les renseignements concernant les projets de développement pour le futur sont obtenus auprès des compagnies elles-mêmes en moyenne environ six mois avant que les données ne soient communiquées à la FAO. En conséquence, les résultats reflètent les opinions et les prévisions des industries du secteur au milieu de la première année de la période couverte. Des changements ultérieurs des conditions économiques, financières et commerciales peuvent entre temps avoir modifié leurs projets et leurs prévisions. Pour l'étude 1983/88, de nouvelles estimations nous sont parvenues à temps pour 40 pays. Pour les autres, on a conservé les estimations de l'enquête 1982-87, en reprenant pour 1988 les chiffres donnés pour 1987.

La couverture, le contenu et la présentation de l'étude sont les mêmes que l'année dernière. Les données ont été classées et traitées sur ordinateur, et on a utilisé un questionnaire informatisé. La présentation des données est caractérisée par les points suivants.

(i) Les tableaux par pays pour la pâte et le papier sont présentés chacun sur une page.

(ii) Les tableaux régionaux reproduisent tous les détails donnés dans les tableaux par pays. En outre, ces tableaux indiquent, pour chaque groupe de produits, le volume pour lequel on ne connaît pas la ventilation détaillée par produit spécifique. Ainsi, par exemple, pour la couverture kraft pour carton ondulé, on a:

4.3211	Couverture kraft pour carton ondulé	1 873
	partie de 4.3211 non détaillée ci-dessous	803
4.32111	Ecrue	570
4.32112	Blanchie	500

On voit ainsi tout de suite la portée de l'information détaillée.

(iii) Les tableaux par produit indiquent la capacité de production par pays, pour tous les produits et groupes de produits codés. Ils y figurent dans l'ordre du numéro de code.

On a établi une liste des projets d'expansion pour la période 1983-1990 qui est publiée séparément sous le titre "Projets d'usines de pâte et de papier dans le monde en 1983-1990".

Les pays suivants ont fourni des données à temps pour que l'on puisse en tenir compte: Allemagne (République fédérale d'), Argentine, Australie, Autriche, Brésil, Canada, Chili, Colombie, Corée (République de), Danemark, Espagne, Etats-Unis d'Amérique, Finlande, France, Hong-Kong, Hongrie, Indonésie, Jamaïque, Japon, Jordanie, Madagascar, Malaisie, Mexique, Norvège, Nouvelle-Zélande, Pakistan, Pays-Bas, Pérou, Philippines, Pologne, Portugal, Royaume-Uni, Sri Lanka, Suède, Suisse, Swaziland, Tanzanie, Tchécoslovaquie, Tunisie, Uruguay.

Ces pays représentent 82 pour cent de la capacité mondiale. Les réponses des pays en développement couvraient 55 pour cent de leur capacité totale de production.

Symboles utilisés dans les tableaux

.	DONNEES GLOBALES
*)	DONNEES ESTIMES
DONNEES EN RETARD	DONNEES RECUES APRES LA DATE LIMITE POUR LA RAPPORT
	REVISION NON INCLUE DANS LES TABLEAUX
	PAR REGION ET PRODUITS

Résumé

Lorsqu'on examine l'enquête de la FAO sur la capacité mondiale de production de pâte et de papier pour 1983-1988, il convient de noter que la Chine a fourni de nouveaux renseignements statistiques et que les données concernant ce pays doivent donc être révisées. Par rapport aux estimations publiées en 1982, la capacité de production de la pâte à papier est réduite de 1,7 million de tonnes, celle de la pâte provenant d'autres fibres de 2,8 millions de tonnes et celle du papier de 3,9 millions de tonnes. Les données concernant la Chine ne tiennent pas compte de la capacité de production de la province de Taiwan. L'importance de cet ajustement par produit est indiquée par le changement négatif indiqué en ce qui concerne les groupes d'Asie à système de planification centralisée pour la période 1978-83 dans les Tableaux 3 à 11.

Les principales conclusions de l'enquête sur les capacités mondiales de production de pâte et de papier tenant compte de ces modifications sont les suivantes:

- (i) L'augmentation de la capacité de production de pâte et de papier en 1982-83 a été très inférieure à ce qui avait été indiqué dans l'enquête de 1982. Les estimations de l'augmentation pendant la période de 1983-88 sont très semblables aux estimations correspondantes pour la période couverte par le rapport précédent.
- (ii) La capacité de production de pâte à papier a augmenté de 1,2 million de tonnes en 1983, soit 0,8 pour cent et on estime qu'elle passera de 153,2 millions de tonnes en 1983 à 165,4 millions de tonnes en 1988. Cette augmentation de 12,2 millions de tonnes représente un taux d'expansion annuel de 1,5 pour cent, analogue à celui qui était indiqué dans l'enquête précédente.
- (iii) La capacité mondiale de production de papier et de carton a augmenté de 1,4 million de tonnes en 1983, soit 0,7 pour cent, alors que l'augmentation en 1982 avait été de 2 pour cent. Cette capacité de production devrait augmenter encore de 18 millions de tonnes entre 1983 et 1988, passant de 206 millions de tonnes à 224 millions de tonnes, soit un taux d'expansion moyen de 1,7 pour cent conforme à celui qui avait été indiqué dans l'enquête précédente.
- (iv) Poursuivant son mouvement décroissant, la capacité de production de pâte mécanique a baissé de 0,75 million de tonnes. On signalait en 1983 qu'elle était tombée à 26 millions de tonnes. Les réductions les plus importantes sont enregistrées au Canada, en Allemagne fédérale et en Suède. Seule, la réduction intervenue en Suède avait été annoncée dans l'enquête de 1982.
- (v) La capacité de production de pâte thermomécanique a augmenté de 1,2 million de tonnes, passant à 9,4 millions de tonnes. Cette capacité de production devrait augmenter de 3 millions de tonnes comme l'indiquait l'enquête de l'année dernière. En 1983, les accroissements les plus importants ont été enregistrés au Canada, aux Etats-Unis et en Suède. L'Inde s'est dotée de moyens de production de pâte thermomécanique.
- (vi) L'augmentation nette de la capacité de production de pâte chimique en 1983 a été d'environ 0,4 million de tonnes alors que l'augmentation prévue était de 1,7 million de tonnes. Plusieurs pays ont fait état de réductions de capacité de production appréciables notamment la Suède, la Finlande, le Canada et la Pologne, mais les Etats-Unis ont annoncé une augmentation de 0,5 million de tonnes. L'augmentation prévue de 7 millions de tonnes pour 1988 fera passer la production de 98,6 à 105,7 millions de tonnes.
- (vii) Les estimations concernant la capacité de production de pâte d'autres fibres ont changé d'une manière substantielle depuis la modification des données relatives à la Chine. La capacité de production pour 1983 est estimée à 9,2 millions de tonnes, soit 6 pour cent de la capacité totale pour la pâte à papier. De cette capacité de production, 7,2 millions de tonnes se trouvent dans les pays en développement y compris la Chine, où la pâte d'autres fibres que celles du bois constitue 43 pour cent du total de la pâte pour la fabrication du papier. L'augmentation prévue d'ici à 1988 est de 1,4 million de tonnes, soit un taux de croissance annuel de 2,9 pour cent. Presque toute cette croissance est le fait des pays en développement.
- (viii) Les augmentations de la capacité de production signalées pour les principaux types de papier et de carton en 1983 ont été extrêmement faibles. La capacité de production de papier journal a augmenté de 0,1 million de tonnes, passant à 30,7 millions de tonnes; les papiers d'impression et d'écriture ont augmenté de 0,5 million de tonnes, passant à 51,3 millions de tonnes et les autres papiers et cartons de 0,7 million de tonnes, atteignant 123,8 millions de tonnes. Les augmentations prévues en ce qui concerne ces trois produits pour la période sur laquelle porte l'enquête sont: pour le papier journal 2,7 millions de tonnes avec un taux de croissance de 1,7 pour cent par an, pour le papier d'impression et d'écriture 6 millions de tonnes avec un taux de croissance de 2,3 pour cent par an et pour les autres papiers et cartons 9,3 millions de tonnes avec un taux de croissance de 1,5 pour cent.
- (ix) Le rapport apparent entre pâte et papier, qui était de 74,4 pour cent en 1983, devrait tomber à 73,8 pour cent en 1988.

Tendances par produit et tendances régionales (Tableaux 1 et 2)

Selon l'enquête de cette année, la capacité mondiale de production de pâte à papier serait de 153,2 millions de tonnes en 1983, ce qui représente une augmentation de 1,2 million de tonnes par rapport au volume estimé pour 1982. Pendant la période couverte, il devrait y avoir une augmentation de 12,2 millions de tonnes, de sorte que la capacité serait de 165,4 millions de tonnes en 1988. La capacité de production de papier et de carton a été estimée à 205,9 millions de tonnes en 1983, soit une augmentation de 1,4 million de tonnes par rapport à 1982. On prévoit une augmentation de 18 millions de tonnes d'ici à 1987, ce qui porterait la capacité totale à 224 millions de tonnes. Le tableau 1 illustre cette expansion.

En 1983, la capacité totale de production de pâte à papier était inférieure de 1,5 million de tonnes aux prévisions de l'enquête précédente. La nouvelle enquête prévoit un taux d'expansion équivalent pendant la prochaine période de 5 ans. Pour le papier, l'estimation de l'expansion est également équivalente à ce qui avait été prévu pour ces 5 années dans l'étude précédente.

L'examen des augmentations annuelles prévues par cette enquête et par les précédentes suggère que le taux d'expansion quinquennal pourrait en fait être sous-estimé. La croissance s'arrête au cours des deux dernières années de l'enquête, en partie faute d'estimations fermes pour une partie des expansions et des contractions qui sont susceptibles de se produire ces années-là. D'autre part, les estimations faites au cours des enquêtes précédentes pour des périodes actuellement dépassées ont eu tendance à surestimer le développement de la capacité.

Pâte à papier (1. + 2.)

L'augmentation de la capacité de production de pâte à papier entre 1983 et 1988 est estimée à 12,2 millions de tonnes, se décomposant comme suit: aucun accroissement pour la pâte mécanique de bois, 3 millions de tonnes pour la pâte thermomécanique, 0,4 million de tonnes pour la pâte mi-chimique et 7,1 millions de tonnes pour la pâte chimique de bois. Pour les pâtes d'autres fibres, on estime que l'augmentation sera de 1,4 million de tonnes. Ces augmentations sont analogues à ce qui avait été estimé dans l'enquête précédente.

En ce qui concerne la capacité mondiale totale de production de pâte à papier, elle se compose comme suit: 78 pour cent dans les pays développés à économie de marché, 14 pour cent dans les pays à planification centrale et 8 pour cent dans les pays en développement à économie de marché. Selon les estimations de la présente étude, ce dernier pourcentage s'élèvera à 9 pour cent en 1988.

Pâte marchande

La capacité mondiale de production de pâte marchande est estimée à 29,3 millions de tonnes en 1983, et l'on prévoit une augmentation de 5 pour cent d'ici à 1986, ce qui porterait ce chiffre à 31 millions de tonnes. Pendant cette période, il devrait à nouveau y avoir une légère baisse de la capacité de production en Finlande compensée par un accroissement en Suède et en Norvège. Par région, les chiffres sont les suivants: 12,5 millions de tonnes en Amérique du Nord, 6,4 millions de tonnes dans les pays nordiques, 3 millions de tonnes dans le reste de l'Europe, 2 millions de tonnes en URSS, 2,2 millions de tonnes en Amérique latine, 0,7 million de tonnes en Océanie et 0,5 million de tonnes en Afrique.

Pâte de bois destinée à la papeterie (1. Tableau 3)

L'expansion estimée à 10,8 millions de tonnes de la capacité par rapport à 1983 amènera le total mondial à 154,8 millions de tonnes en 1988. L'augmentation estimée est inférieure de 0,3 million de tonnes à celle de l'enquête précédente. La capacité de production de pâte de bois en 1983 se compose comme suit: 82 pour cent dans les pays développés à économie de marché, 11 pour cent dans les pays développés à planification centrale d'Europe orientale et en URSS et 7 pour cent dans les pays en développement, y compris la Chine. Etant donné que l'on prévoit des taux d'expansion beaucoup plus élevés dans les pays en développement que dans les autres, on estime que leur part de la capacité mondiale devrait passer à 8 pour cent en 1988, contre 5 pour cent en 1975.

Pâte mécanique (1.1 Tableau 4)

Selon la nouvelle enquête, la capacité de production de pâte mécanique a encore baissé. Le volume signalé pour 1983 est inférieur de 0,75 million de tonnes au volume indiqué pour 1982. Cela s'explique par une réduction du volume signalé par les pays développés à économie de marché. Les principales réductions intéressent le Canada et l'Amérique du Nord (0,4) et la CEE (0,3). On ne prévoit aucune augmentation d'ici à 1988. Pratiquement toute la production pour laquelle on connaît les essences utilisées comme matière première est dérivée de bois de conifères. Parmi les grands producteurs, le Canada et l'URSS ne donnent pas de renseignements sur les essences du bois utilisées comme matière première, mais on peut supposer dans l'un comme dans l'autre qu'il s'agit principalement de conifères.

Pâte thermomécanique (1.2 Tableau 5)

L'essentiel de l'expansion continue à concerner la pâte thermomécanique. L'expansion de la capacité entre 1982 et 1983 a atteint 1,2 million de tonnes, et l'on prévoit d'ici à 1988 une augmentation de 3,1 millions de tonnes. 96 pour cent de la capacité mondiale en 1983 se trouvaient dans les pays développés à économie de marché et 54 pour cent en Amérique du Nord. Plus de la moitié de l'expansion estimée de la capacité mondiale de pâte thermomécanique devraient avoir lieu au Canada et aux Etats-Unis; en 1988, 54 pour cent de la capacité devraient également se trouver dans ces deux pays. Les pays en développement devraient doubler leur capacité de production de pâte thermomécanique d'ici à 1988. Pratiquement tout le volume de pâte dont on connaît la matière première est fabriqué à partir de conifères. (Il es à noter que la Norvège indique des données globales pour la pâte thermomécanique et mécanique.)

Pâte de bois mi-chimique (1.3 Tableau 6)

La capacité de production de pâte mi-chimique a diminué de 0,4 million de tonnes entre 1982 et 1983, la réduction étant enregistrée exclusivement dans les pays développés à économie de marché. Pendant la période 1977-83, il y a eu une réduction de 1,4 million de tonnes pour la pâte mi-chimique au Japon et en Europe occidentale, et la baisse nette à l'échelle mondiale a été de 0,8 million de tonnes. La capacité mondiale est estimée à 9,6 millions de tonnes, et l'on prévoit une augmentation de 0,4 million de tonnes d'ici à 1988. 95 pour cent de la partie de la production dont on connaît la matière première sont dérivés de bois de non-conifères.

Pâte chimique de bois (1.4 Tableau 7)

La capacité totale de pâte chimique de bois pour la papeterie est estimée à 98,6 millions de tonnes. L'expansion jusqu'en 1988 devrait atteindre comme prévu, 7,1 millions de tonnes. La pâte chimique représentait 64 pour cent de la capacité totale de pâte à papier en 1983. On estime que ce pourcentage se maintiendra jusqu'en 1988.

La capacité totale de production de pâte chimique en 1982 se décompose de la façon suivante: 7 pour cent pour les pâtes au bi-sulfite écruées, 5 pour cent pour les pâtes au bi-sulfite blanchies, 38 pour cent pour les pâtes au sulfate écruées, 50 pour cent pour les pâtes au sulfate blanchies.

L'essence utilisée comme matière première est indiquée pour 85 pour cent de la capacité de pâte chimique, 28 pour cent de cette quantité (24 millions de tonnes) sont constitués par des pâtes d'essences non-conifères, et se composent comme suit: 20,3 millions de tonnes de pâte au sulfate blanchie (43 pour cent de ce type de pâte), 3 millions de tonnes de pâte au sulfate écruée, et 1 million de tonnes de pâte au bi-sulfite blanchie.

Pâtes d'autres fibres (2. Tableau 8)

L'estimation de la capacité totale de production de pâtes d'autres fibres a été modifiée et s'établit à 9,2 millions de tonnes. Cette modification est due à la révision des estimations concernant la Chine sur la base de nouvelles données, estimation qui serait de 3 millions de tonnes. Ce chiffre ne tient pas compte de la capacité de production de la province de Taïwan, qui est de 0,3 million de tonnes. Les modifications enregistrées en 1982 comportent notamment des augmentations de 100 000 tonnes en Inde, 75 000 tonnes au Pérou, 40 000 tonnes en Indonésie et en Thaïlande et une réduction de capacité de 80 000 tonnes en Espagne. Soixante-dix-huit pour cent de cette capacité se trouvent dans des pays en développement et constituent 43 pour cent de la capacité de production de pâte à papier en 1983. La croissance d'ici à 1988 est estimée à 1,4 million de tonnes, presque exclusivement dans les pays en développement. La pâte à papier dérivée d'autres matières premières fibreuses que le bois constitue 40 pour cent de la capacité de production de pâte des pays en développement.

Pour 90 pour cent de cette capacité, la nature de matière première utilisée est connue; il s'agit de la paille dans une proportion de 38 pour cent; de la bagasse, 20 pour cent; du bambou, 16 pour cent et le reste provient d'autres matières premières fibreuses. En Amérique latine c'est la bagasse qui domine. Dans les pays en développement d'Asie à économie de marché c'est le bambou et en Chine deux tiers de cette pâte proviennent de la paille.

Pâte à dissoudre (3.)

Le volume total de ce type de pâte, de 6,1 millions de tonnes, constitue 4 pour cent de la production mondiale de pâte; dans ce secteur, le taux d'expansion annuel est très faible, la production devant atteindre 6,3 millions de tonnes en 1988. Plus de 80 pour cent de la pâte de ce type produite est de la pâte marchande. 33 pour cent proviennent d'essences non conifères et 25 pour cent de conifères. Pour les restants la matière première d'origine n'est pas spécifiée.

Papiers et cartons (4. Tableau 9)

La capacité mondiale totale de papier et de carton s'est élevée à 205,9 millions de tonnes en 1983, soit une augmentation de 1,4 million de tonnes, ou de 0,7 pour cent, par rapport en 1982. On estime que l'augmentation d'ici à 1988 sera de 18 millions de tonnes, ce qui portera le total à 224 millions de tonnes. L'expansion estimée est équi-

valente à l'augmentation enregistrée au cours de la période 1978-83. En 1983, 78 pour cent de la capacité mondiale se trouvaient dans les pays développés à économie de marché, 9 pour cent dans les pays en développement à économie de marché et 13 pour cent dans les pays à planification centrale.

Papier journal (4.1 Tableau 10)

La capacité mondiale de production de papier journal, qui s'élève à 30,7 millions de tonnes, représente 15 pour cent de la capacité mondiale de production de papier et carton. Une augmentation de capacité de production est indiquée pour quelques pays en développement. Comme prévu, la Finlande a augmenté sa capacité de production de 160 000 tonnes. La réduction de capacité de production enregistrée en Suède était également prévue, mais les réductions de capacité de production d'environ 100 000 tonnes enregistrées au Japon et en République fédérale d'Allemagne n'étaient pas prévues dans l'enquête de 1982. En 1983, la capacité de production dépasse de 0,1 million de tonnes celle de 1982. A titre de comparaison, l'augmentation prévue dans l'enquête de 1982 était de 0,9 million de tonnes. L'augmentation estimée de 2,7 millions de tonnes est considérablement inférieur à l'expansion pendant la période qui va de 1978 à 1983.

Autres papiers d'impression et d'écriture (4.2 Tableau 11)

En 1983, la capacité mondiale de production d'autres papiers d'impression et d'écriture s'élevait à 51,3 millions de tonnes, c'est-à-dire, 0,5 million de tonnes de plus qu'en 1982, alors que l'enquête de 1982 prévoyait une augmentation de 2 millions de tonnes. Ceci est dû à des révisions à la baisse dans la capacité de production indiquées par un certain nombre de pays, dont notamment le Mexique, l'Inde, la France et la République fédérale d'Allemagne. Des augmentations considérables auraient été enregistrées dans les pays suivants: Etats-Unis, Finlande, Suède, Canada, Belgique, Indonésie et Chili.

Les estimations concernant la croissance d'ici à 1988 sont de 6,1 millions de tonnes, ce qui porterait le total à 57,4 millions de tonnes.

Autres papiers et cartons

La capacité mondiale totale de production en 1983 est de 123,8 millions de tonnes, soit une augmentation de 1,6 million de tonnes seulement par rapport à 1982, alors que l'enquête de 1982 prévoyait une augmentation de 2,4 millions de tonnes. On estime que, d'ici à 1988 - c'est-à-dire dans les cinq ans à venir - la croissance devrait être de presque 9,2 millions de tonnes, ce qui porterait le total à 133,1 millions de tonnes. Sous la rubrique autres papiers et cartons on trouve les principaux produits suivants:

- papier pour usages domestiques et papier hygiénique	10 pour cent
- papier d'emballage	80 pour cent
- autres papiers et cartons	10 pour cent

Les principaux composants de la catégorie papier d'emballage sont les suivants (pourcentage entre parenthèses):

- papier kraft à doubler	(22)
- autres papiers à doubler	(6)
- carton ondulé	(15)
- papier kraft d'emballage	(16)
- carton pour boîtes	(14)
- autres cartons d'emballage	(9)

Bien que, d'une manière générale, les proportions soient les mêmes pour les pays en développement à économie de marché, la proportion de papier kraft et carton n'est que le 18 pour cent pour ces pays alors qu'elle est de 38 pour cent pour l'ensemble des pays.

Rapport pâte à papier/papier et cartons (Tableau 12)

La présente étude indique une réduction régulière du rapport capacité de pâte/capacité de papier.

Comparaison avec les enquêtes précédentes (Tableaux 13 et 14)

Le tableau 13 donne l'estimation de la capacité totale pendant la première année de chaque enquête et l'estimation de l'augmentation pendant la période étudiée. Il convient de noter que les données publiées dans les enquêtes pour 1980, 1981 et 1982 ont été révisées ultérieurement, certains pays ayant communiqué trop tard leurs statistiques pour qu'il soit possible d'en tenir compte. Les statistiques pour 1982 et 1983 tiennent compte des données fournies par la Chine. A l'exception de l'estimation de 1970, les prévisions relatives aux autres périodes s'achevant pendant les années soixante-dix ont eu tendance à surestimer considérablement l'expansion réelle de la capacité de production de papier. Pour la pâte l'estimation de l'expansion de la capacité faite en 1970, qui s'élevait à 29 millions de tonnes, est à comparer avec la croissance réelle, de 22,7 millions de tonnes; et les estimations de 1978 pour la pâte et pour le papier, respectivement de 19,1 et 26,6 millions de tonnes sont à comparer avec la croissance réelle jusqu'en 1983 ajustée pour tenir compte des données fournies par la Chine, à savoir 12,5 et 21,2 millions de tonnes respectivement. Il est à noter que pour les périodes indiquées dans le tableau 13, la tendance aussi bien de la croissance réelle que des prévisions est à la baisse.

Tableau 1 : Capacité mondiale de production de pâte, de papier et de carton, 1973-88

	Capacité totale				Augmentation annuelle moyenne		
	millions de tonnes				pourcentage		
	1973	1978	1983	1988	1973-78	1978-83	1983-88
Pâte de bois pour papier, total	119.8	134.9	144.0	154.8	2.4	1.3	1.5
Mécanique (a)	28.9	32.6	35.5	38.5	2.5	1.7	1.7
Mi-chimique (b)	9.9	10.5	9.6	10.1	1.2	-1.6	0.9
Chimique	81.1	91.9	98.6	105.8	2.5	1.4	1.4
Pâte d'autres fibres	8.2	10.4	9.2	10.6	4.9	-2.4	2.9
Pâte à dissoudre	5.9	6.1	6.1	6.3	0.5	0.1	0.7
Papier et carton, total	160.7	187.6	205.9	224.1	3.1	1.9	1.7
Papier journal	24.7	26.4	30.8	33.5	1.3	3.1	1.7
Papier d'impression et d'écriture	35.7	42.8	51.3	57.4	3.7	3.7	2.3
Autres papiers et cartons	100.3	118.4	123.8	133.1	3.4	0.9	1.5

- (a) Y compris la pâte thermo-mécanique
 (b) Y compris la pâte mécanico-chimique

Tableau 2 : Taux annuel d'accroissement de la capacité mondiale de production de pâte, de papier et de carton 1983-88

	Accroissements annuels				
	pourcentage				
	1983-4	1984-5	1985-6	1986-7	1987-8
Pâte de bois pour papier, total	2.2	2.5	1.3	1.0	0.3
Mécanique (a)	3.2	2.0	1.5	1.1	0.5
Mi-chimique (b)	0.1	2.7	1.0	0.6	0.1
Chimique	2.0	2.5	1.2	1.0	0.3
Pâte d'autres fibres	5.6	4.6	2.9	1.5	0.2
Pâte à dissoudre	2.4	0.2	-	1.4	-0.6
Papier et carton, total	2.7	2.6	1.6	1.1	0.5
Papier journal	2.8	3.1	1.1	1.3	0.4
Papier d'impression et d'écriture	3.6	3.5	2.0	1.7	0.5
Autres papiers et cartons	2.3	2.0	1.6	0.9	0.5

- (a) Y compris la pâte thermo-mécanique
 (b) Y compris la pâte chimico-mécanique

Tableau 3 : Accroissement de la capacité de production totale de pâte de bois pour papier, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mondial	134 945	144 007	154 773	9 062	10 766	1.3	1.5
Pays dév. à écon. marché	113 281	118 426	126 545	5 145	8 119	0.9	1.3
Amérique du Nord	67 003	72 749	76 415	5 746	3 666	1.7	1.0
Japon	12 064	12 006	12 158	-58	152	-0.1	0.3
Europe occidentale	31 440	30 518	33 689	-922	3 171	-0.6	2.0
Océanie	2 090	2 326	2 670	236	344	2.2	2.8
Autres	684	827	1 613	143	786	3.9	14.3
Pays en dév. à écon. marché	5 906	8 415	10 450	2 509	2 035	7.3	4.4
Afrique	354	724	815	370	91	15.4	2.4
Amérique latine	4 413	5 800	7 113	1 387	1 313	5.6	4.2
Asie	1 139	1 891	2 522	752	631	10.7	5.9
Pays à écon. centr. planif.	15 758	17 166	17 778	1 408	612	1.7	0.7
Asie	2 447	1 167	1 282	-1 280	115	-13.8	1.9
Europe orientale	3 661	4 354	4 446	693	92	3.5	0.4
URSS	9 650	11 645	12 050	1 995	405	3.8	0.7

Tableau 4 : Accroissement de la capacité de production de pâte mécanique pour papier, 1978-88 ^{1/}

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mondial	29 398	26 091	26 044	-3 307	-47	-2.4	-
Pays dév. à écon. marché	24 467	21 305	20 902	-3 162	-403	-2.7	-0.4
Amérique du Nord	12 533	10 319	9 729	-2 214	-590	-3.8	-1.2
Japon	1 490	1 551	1 551	61	-	0.8	-
Europe occidentale	9 436	8 491	8 542	-945	51	-2.1	0.1
Océanie	747	740	855	-7	115	-0.2	2.9
Autres	261	204	225	-57	21	-4.8	2.0
Pays en dév. à écon. marché	880	1 184	1 460	304	276	6.1	4.3
Afrique	17	33	48	16	15	14.2	7.8
Amérique latine	466	660	847	194	187	7.2	5.1
Asie	397	491	565	94	74	4.3	2.8
Pays à écon. centr. planif.	4 051	3 602	3 682	-449	80	-2.3	0.4
Asie	901	328	350	-573	22	-18.3	1.3
Europe orientale	950	949	972	-1	23	-	0.5
URSS	2 200	2 325	2 360	125	35	1.1	0.3

^{1/} Y non compris la pâte thermo-mécanique

Tableau 5 : Accroissement de la capacité de production de pâte thermo-mécanique, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mondial	3 237	9 380	12 471	6 143	3 091	23.7	5.9	
Pays dév. à écon. marché	3 237	9 036	11 874	5 799	2 838	22.8	5.6	
Amérique du Nord	1 188	5 122	6 679	3 934	1 557	33.9	5.5	
Japon	621	995	995	374	-	9.9	-	
Europe occidentale	1 388	2 481	3 682	1 093	1 201	12.3	8.2	
Océanie	40	288	368	248	80	48.4	5.0	
Autres	-	150	150	150	-	-	-	
Pays en dév. à écon. de marché	-	191	395	191	204	-	15.6	
Afrique	-	-	-	-	-	-	-	
Amérique latine	-	43	157	43	114	-	29.6	
Asie	-	148	238	148	90	-	10.0	
Pays à écon. centr. planif.	-	153	202	153	49	-	5.7	
Asie	-	33	62	33	29	-	13.4	
Europe orientale	-	-	-	-	-	-	-	
URSS	-	120	140	120	20	-	3.1	

Tableau 6 : Accroissement de la capacité de production de pâte de bois mi-chimique pour papier, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mondial	10 457	9 649	10 089	-808	440	-1.6	0.9	
Pays dév. à écon. marché	9 014	7 849	7 928	-1 165	79	-2.7	0.2	
Amérique du Nord	4 630	4 623	4 709	-7	86	-	0.4	
Japon	1 918	1 478	1 336	-440	-142	-5.1	-2.0	
Europe occidentale	1 893	1 182	1 308	-711	126	-9.0	2.0	
Océanie	411	401	410	-10	9	-0.5	0.4	
Autres	162	165	165	3	-	0.4	-	
Pays en dév. à écon. de marché	482	584	836	102	252	3.9	7.4	
Afrique	10	26	41	16	15	21.1	9.5	
Amérique latine	409	389	461	-20	72	-1.0	3.5	
Asie	63	169	334	106	165	21.8	14.6	
Pays à écon. centr. planif.	961	1 216	1 325	255	109	4.8	1.7	
Asie	-	-	-	-	-	-	-	
Europe orientale	411	416	475	5	59	0.2	2.7	
URSS	550	800	850	250	50	7.8	1.2	

Tableau 7 : Accroissement de la capacité de production de pâte de bois chimique pour papier 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mondial	91 853	98 644	105 783	6 791	7 139	1.4	1.4	
Pays d'ev. à écon. marché	76 563	80 040	85 465	3 477	5 425	0.9	1.3	
Amérique du Nord	48 652	52 685	55 298	4 033	2 613	1.6	1.0	
Japon	8 035	7 982	8 276	-53	294	-0.1	0.7	
Europe occidentale	18 723	18 168	19 781	-555	1 613	-0.6	1.7	
Océanie	892	897	1 037	5	140	0.1	2.9	
Autres	261	308	1 073	47	765	3.4	28.4	
Pays en dév. à écon. marché	4 544	6 409	7 749	1 865	1 340	7.1	3.9	
Afrique	327	620	726	293	106	13.6	3.2	
Amérique latine	3 538	4 706	5 646	1 168	940	5.9	3.7	
Asie	679	1 083	1 377	404	294	9.8	4.9	
Pays à écon. centr. planif.	10 746	12 195	12 569	1 449	374	2.6	0.6	
Asie	1 546	806	870	-740	64	-12.2	1.5	
Europe orientale	2 300	2 989	2 999	689	10	5.4	0.1	
URSS	6 900	8 400	8 700	1 500	300	4.0	0.7	

Tableau 8 : Accroissement de la capacité de production des pâtes d'autres fibres pour papier, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mondial	10 408	9 215	10 645	-1 193	1 430	- 2.4	2.9	
Pays dév. à écon. marché	1 724	1 163	1 154	-561	-9	-7.6	-0.2	
Amérique du Nord	667	344	381	-323	37	-12.4	2.1	
Japon	4	4	4	-	-	-	-	
Europe occidentale	938	703	657	-235	-46	-5.6	-1.3	
Océanie	5	10	10	5	-	14.9	-	
Autres	110	102	102	-8	-	-1.5	-	
Pays en dév. à écon. marché	2 791	4 033	5 027	1 242	994	7.6	4.5	
Afrique	199	220	220	21	-	2.0	-	
Amérique latine	1 025	1 440	1 765	415	325	7.0	4.2	
Asie	1 567	2 373	3 042	806	669	8.7	5.1	
Pays à écon. centr. planif.	5 893	4 019	4 464	-1 874	445	-7.4	2.1	
Asie	5 158	3 168	3 569	-1 990	401	-9.3	2.4	
Europe orientale	260	251	270	-9	19	-0.7	1.5	
URSS	475	600	625	125	25	4.8	0.8	

Tableau 9 : Accroissement de la capacité de production totale de papier et carton, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mondial	187 602	205 933	224 079	18 331	18 146	1.9	1.7
Pays dev. à écon. marché	148 390	161 377	174 338	12 987	12 961	1.7	1.6
Amérique du Nord	73 798	81 219	85 200	7 421	3 981	1.9	1.0
Japon	21 164	23 198	24 908	2 034	1 710	1.9	1.4
Europe occidentale	49 910	52 770	59 148	2 860	6 378	1.1	2.3
Océanie	2 295	2 509	2 807	214	298	1.8	2.3
Autres	1 223	1 681	2 275	458	594	6.6	6.2
Pays en dev. à écon. marché	13 620	18 783	22 583	5 163	3 800	6.6	3.8
Afrique	709	924	1 115	215	191	5.4	3.8
Amérique latine	7 920	10 240	12 659	2 320	2 419	5.3	4.3
Asie	4 991	7 619	8 809	2 628	1 190	8.8	2.9
Pays à écon. centr. planif.	25 592	25 773	27 158	181	1 385	0.1	1.1
Asie	8 701	5 837	6 284	-2 864	447	-7.7	1.5
Europe orientale	5 891	6 436	6 874	545	438	1.8	1.3
URSS	11 000	13 500	14 000	2 500	500	4.2	0.7

Tableau 10 : Accroissement de la capacité de production de papier journal, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mondial	26 379	30 773	33 524	4 394	2 751	3.1	1.7
Pays dev. à écon. marché	22 268	26 252	27 943	3 984	1 691	3.3	1.3
Amérique du Nord	12 679	15 185	15 398	2 506	213	3.7	0.3
Japon	2 569	2 837	2 989	268	152	2.0	1.0
Europe occidentale	6 254	7 154	8 405	900	1 251	2.7	3.3
Océanie	533	685	705	152	20	5.1	0.6
Autres	233	391	446	158	55	10.9	2.7
Pays en dev. à écon. marché	1 081	1 753	2 665	672	912	10.2	8.7
Afrique	13	15	28	2	13	2.9	13.3
Amérique latine	465	820	1 297	355	477	12.0	9.6
Asie	603	918	1 340	315	422	8.8	7.9
Pays à écon. centr. planif.	3 030	2 768	2 916	-262	148	-1.8	1.0
Asie	920	400	491	-520	91	-15.3	4.2
Europe orientale	460	468	475	8	7	0.3	0.3
URSS	1 650	1 900	1 950	250	50	2.9	0.5

Tableau 11 : Accroissement de la capacité de production d'autres papiers d'impression et d'écriture, 1978-88

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mondial	42 821	51 319	57 412	8 498	6 093	3.7	2.3
Pays dév. à écon. marché	34 767	42 123	47 095	7 356	4 972	3.9	2.3
Amérique du Nord	14 973	18 056	20 070	3 083	2 014	3.8	2.1
Japon	4 081	5 957	6 226	1 876	269	7.9	0.9
Europe occidentale	15 250	17 505	19 999	2 255	2 494	2.8	2.7
Océanie	248	278	443	30	165	2.3	9.8
Autres	215	327	357	112	30	8.7	1.8
Pays en dév. à écon. marché	3 202	4 419	5 149	1 217	730	6.7	3.1
Afrique	228	243	303	15	60	1.3	4.5
Amérique latine	1 540	2 118	2 601	578	483	6.6	4.2
Asie	1 434	2 058	2 245	624	187	7.5	1.8
Pays à écon. centr. planif.	4 852	4 777	5 168	-75	391	-0.3	1.6
Asie	2 344	1 888	2 002	-456	114	-4.2	1.2
Europe orientale	1 108	1 239	1 466	131	227	2.3	3.4
URSS	1 400	1 650	1 700	250	50	3.3	0.6

Tableau 12 : Rapports capacité de pâte capacité de papier

<u>Année</u>	<u>Rapports pâte/papier, en pourcentage</u>
1969	81.5
1970	80.4
1971	80.4
1972	80.7
1973	79.7
1974	79.1
1975	77.8
1976	77.7
1977	77.7
1978	77.5
1979	77.1
1980	76.3
1981	75.8
1982	74.7
1983	74.4
1984	74.2
1985	74.2
1986	74.0
1987	73.9
1988	73.8

Tableau 13 : Estimation de l'enquête concernant la capacité et les augmentations de capacité - Pâte et papier

Période couverte par l'enquête	Capacité totale pendant la première année de l'enquête		Augmentation totale pendant la période couverte	
	millions de tonnes			
	Pâte pour papier totale	Papier et carton total	Pâte pour papier totale	Papier et carton totale
1969-74	108.5	133.2	25.8	37.2
1970-75	113.5	141.1	28.9	34.4
1971-76	118.0	146.8	23.7	27.6
1972-77	122.8	152.1	24.1	27.7
1973-78	128.1	160.7	23.1	32.9
1974-79	132.1	167.0	29.9	37.2
1975-80	136.1	174.9	25.4	31.0
1976-81	139.6	179.7	23.3	28.1
1977-82	143.3	184.4	21.0	27.3
1978-83	145.4	187.6	19.1	26.6
1979-84	148.1	192.2	20.5	29.3
1980-85	150.8	197.6	17.9	26.1
1981-86	153.8	203.0	15.9	24.1
1982-87	151.5	203.0	13.4	19.0
1983-88	153.2	205.9	12.2	18.2

Tableau 14 : Estimations de l'enquête concernant l'augmentation de la capacité par grand produit

	milliers de tonnes				
	Enquête	Enquête	Enquête	Enquête	Enquête
	1979-84	1980-85	1981-86	1982-87	1983-88
Pâte de bois	18 078	16 159	14 516	11 386	10 766
Mécanique (a)	5 686	6 108	5 235	3 423	3 044
Mi-chimique (b)	1 220	884	1 047	609	440
Chimique	11 162	9 229	8 272	7 352	7 139
Pâte d'autres fibres	2 406	1 764	1 415	1 968	1 430
Pâte à dissoudre	438	362	385	379	207
Papier et carton, total	29 365	26 039	24 145	18 998	18 146
Papier journal	6 852	5 898	4 918	3 971	2 751
Autres papiers d'impression et d'écriture	8 959	8 492	7 866	6 090	6 093
Autres papiers et cartons - papier d'emballage	13 547	11 826	11 379	8 905	9 272

- (a) Y compris la pâte thermo-mécanique
 (b) Y compris la pâte chimico-mécanique

Informe sobre la Encuesta de la FAO

relativa

a las capacidad de producción mundial de pasta y papel 1983 - 1988

por

la Secretaría

Las Encuestas anuales de la FAO sobre la capacidad de producción mundial de pasta y papel se basan en datos que los corresponsales en muchos países envían al comenzar el año de la publicación y en las estimaciones que hace la Secretaría para los países restantes. En casi todos los casos facilitan los datos las asociaciones nacionales de comerciantes de pasta y papel. La información sobre sus planes futuros se obtiene de las empresas unos seis meses antes, por término medio, de que se comunique a la FAO. Por lo tanto, los resultados recogen la opinión y expectativas de la industria a mediados del primer año sobre el cual se informa. Es posible que, entretanto, los cambios posteriores en las condiciones económicas, financieras y del mercado hayan sido motivo de alteraciones en sus planes y expectativas. Para esta encuesta de 1983-88 se han recibido a tiempo para su inclusión nuevas estimaciones de 40 países; para los restantes se han repetido las estimaciones de la encuesta de 1982-87 y las de 1988 se han igualado a las de 1987.

El alcance, el contenido y la presentación de la encuesta son los mismos del año pasado. Los datos se han almacenado y elaborado en computadores, y en la encuesta se ha utilizado un cuestionario preparado mediante computador. Cabe destacar las siguientes características de la presentación:

- i) Se presentan en una página los cuadros de pasta y papel por países.
- ii) Se ha añadido cuadros regionales que incluyen todos los detalles de los cuadros por países. Además, estos cuadros muestran para cada suma de productos el volumen respecto al cual no se dispone de otro desglose detallado de los productos componentes. La manera en que esto se hace se demuestra con el ejemplo siguiente relativo a papel kraft para forros:

4.3211	Papel kraft para forros	1 873
	de 4.3211 no desglosado debajo	803
4.32111	Papel kraft para forros sin blanquear	570
4.32112	Papel kraft para forros blanqueado	500

Esto indica inmediatamente la amplitud de lo que abarcan los detalles que dan los desgloses.

- iii) Los cuadros de productos indican el volumen de la capacidad de producción por países para cada producto y el código de la suma de productos. Se dan por orden numérico de códigos.

Se ha preparado una lista de los planes de expansión, que se publica por separado con el título de "Fábricas de pasta y de papel proyectadas en el mundo, 1983-90".

Los datos que se han recibido a tiempo para ser incluidos en la actualización corresponden a los países siguientes: Alemania (Rep. Fed.), Argentina, Australia, Austria, Brasil, Canadá, Checoslovaquia, Chile, Colombia, Dinamarca, España, Estados Unidos, Filipinas, Finlandia, Francia, Hong Kong, Hungría, Indonesia, Jamaica, Japón, Jordania, Madagascar, Malasia, México, Noruega, Nueva Zelandia, Países Bajos, Pakistán, Perú, Polonia, Portugal, Reino Unido, Republica de Corea, Sri Lanka, Suecia, Suiza, Swazilandia, Tanzania, Túnez, Uruguay.

Estos países representan el 82 por ciento de la capacidad de producción mundial. El rendimiento de las economías de mercado en desarrollo alcanzó el 55 por ciento de su capacidad de producción total.

Simbolos empleados en los cuadros

.	NO DESGLOSADO
*)	DATOS ESTIMADOS
DATOS RECIBIDOS CON RETRASO	INFORMACION RECIBIDA FUERA, DEL PLAZO FIJADO Y, POR LO TANTO, NO INCLUIDA EN EL CUADRO REGIONAL NI EN EL DE PRODUCTOS

Resumen

Al examinar la encuesta sobre la capacidad de producción de pasta y papel 1983-88, hay que tener presente que se han revisado las cifras correspondientes a China de acuerdo con los nuevos datos proporcionados por dicho país. En comparación con las estimaciones publicadas en 1982, la capacidad de producción de pasta de madera experimenta una reducción de 1,7 millones de toneladas, la de pasta de otras fibras de 2,8 millones de toneladas y la de papel de 3,9 millones de toneladas. En la presente edición no se incluye en los datos de China la capacidad de producción de la provincia de Taiwán. El alcance de este ajuste por productos se pone de manifiesto en el cambio negativo registrado en la economías de planificación centralizada de Asia para el período de 1978-83, que se observa en los Cuadros 3-11.

Los principales resultados de esta revisión son los siguientes:

- i) El aumento de la capacidad de producción a partir de 1982-83 es muy inferior al previsto en la encuesta de 1982. Las estimaciones de aumento para el período de 1983-88 son muy semejantes a las de la encuesta anterior para el mismo período.
- ii) La capacidad de producción de pasta de papel aumentó en 1,2 millones de toneladas en 1983, es decir, un 0,8 por ciento, y se estima que pasará de 153,2 millones de toneladas en 1983, a 165,4 millones en 1988. Este aumento de 12,2 millones de toneladas representa un índice anual de crecimiento anual del 1,5 por ciento, semejante al proyectado en la anterior encuesta.
- iii) La capacidad de producción mundial de papel y cartón experimentó un aumento de 1,4 millones de toneladas en 1983, un 0,7 por ciento, frente al 2 por ciento de 1982. Se espera que dicha capacidad aumente en 18 millones de toneladas durante el período de 1983 a 1988, pasando de 206 a 224 millones de toneladas, lo que representa un crecimiento anual del 1,7 por ciento, semejante a la previsión anterior.
- iv) En 1983 se observa una ulterior reducción neta, de 0,75 millones de toneladas, en la capacidad de producción de pasta mecánica, que desciende a 26 millones de toneladas. Las mayores disminuciones son las de Canadá, Alemania Occidental y Suecia. En la encuesta de 1982 solamente se previó totalmente la de Suecia.
- v) La pasta termomecánica, por otra parte, aumentó en 1,2 millones de toneladas, alcanzando los 9,4 millones. Se espera un incremento de 3 millones de toneladas en la capacidad de producción, de acuerdo con la encuesta del año pasado. Los mayores aumentos de 1983 se produjeron en Canadá, los Estados Unidos y Suecia. En la India se inició la capacidad de producción.
- vi) El aumento neto de la capacidad de producción de pasta química en 1983 fue de unos 0,4 millones de toneladas, frente al aumento previsto de 1,7 millones de toneladas. Varios países han comunicado reducciones apreciables, entre ellos Suecia, Finlandia, Canadá y Polonia, mientras que los Estados Unidos informaron de una elevación de 0,5 millones de toneladas. El aumento previsto de 7 millones de toneladas hasta 1988 elevará la capacidad de producción de 98,6 a 105,7 millones de toneladas.
- vii) En las estimaciones de la capacidad de producción de pasta de otras fibras se introducen cambios importantes, debido a la revisión de los datos correspondientes a China. La capacidad estimada en 1983 es de 9,2 millones de toneladas, un 6 por ciento de la capacidad total de producción de pasta de papel. De dicha cantidad, 7,2 millones de toneladas corresponden a los países en desarrollo, entre ellos China, donde la pasta de fibras distintas de la madera constituye el 43 por ciento de toda la destinada a papel. El aumento previsto durante todo el período hasta 1988 es de 1,4 millones de toneladas, lo que representa un índice de crecimiento anual del 2,9 por ciento. Prácticamente todo este crecimiento se produce en los países en desarrollo.
- viii) Los aumentos en la capacidad de producción de los principales tipos de papel y cartón comunicados en 1983 fueron mínimos. El papel de periódico experimentó un aumento de 0,1 millones de toneladas, alcanzando los 30,7 millones de toneladas; el papel de imprenta y de escribir aumentó 0,5 millones de toneladas, llegando a 51,3 millones de toneladas, y otros tipos de papel y cartón aumentaron 0,7 millones de toneladas, alcanzando los 123,8 millones de toneladas. El aumento previsto para los tres productos mencionados durante el período de la encuesta es de 2,7 millones de toneladas para el papel de periódico, con un índice de crecimiento anual del 1,7 por ciento, 6 millones de toneladas y un crecimiento del 2,3 por ciento para el papel de imprenta y de escribir, y 9,3 millones de toneladas para otros tipos de papel y cartón, con un crecimiento del 1,5 por ciento.
- (ix) La relación aparente entre la pasta para papel y el papel es del 74,4 por ciento en 1983, y disminuye al 73,8 por ciento en 1988.

Tendencias regionales y de los Productos (Cuadros 1 y 2)

En la presente encuesta se estima una capacidad de producción mundial de pasta de papel en 1983 de 153,2 millones de toneladas, lo que representa un aumento de 1,2 millones de toneladas sobre el volumen estimado para 1982. En el período que abarca la encuesta se espera que dicha cantidad experimente un aumento de 12,2 millones de toneladas, hasta alcanzar los 165,4 millones de toneladas en 1988. La capacidad de producción de papel y cartón en 1983 se ha estimado en 205,9 millones de toneladas, con un aumento de 1,4 millones con respecto a 1982. Para 1987 se espera un aumento de 18 millones de toneladas, hasta alcanzar los 224 millones. En el Cuadro 1 puede observarse el aumento de la capacidad de producción.

La capacidad total de producción de pasta de papel en 1983 fue 1,5 millones de toneladas inferior a la prevista en la encuesta anterior. Con respecto a dicha encuesta, no se prevén cambios en el ritmo de crecimiento y el volumen de producción quinquenales. El aumento estimado de la producción quinquenal de papel es también semejante a la estimación de la encuesta anterior.

El examen de los aumentos anuales previstos en la presente encuesta y en otras anteriores indica que cabe esperar una subestimación del crecimiento quinquenal real en el índice de crecimiento de dicho período. La expansión disminuye en los dos últimos años de la encuesta, debido en parte a que no existen estimaciones en firme para más de una parte de los aumentos y contracciones de esos años. Por otra parte, en encuestas anteriores referentes a años terminados se ha tendido a sobreestimar la evolución de la capacidad de producción.

Pasta para la fabricación de papel (1. + 2.)

El aumento estimado de la capacidad de producción de pasta para la fabricación de papel en el período de 1983-88 es de 12,2 millones de toneladas. Esta cantidad corresponde a un aumento nulo para la pasta mecánica de 3,0 millones de toneladas para la termomecánica, de 0,4 millones de toneladas para la semiquímica y de 7,1 millones de toneladas para la química. Para la pulpa de otras fibras se estima un aumento de 1,4 millones de toneladas. Los aumentos son semejantes a los estimados en la encuesta anterior.

De la capacidad de producción mundial total de pasta para papel, corresponde a las economías de mercado desarrolladas el 78 por ciento, a las de planificación centralizada el 14 por ciento y las de mercado en desarrollo el 8 por ciento. Según las estimaciones de la encuesta, el último porcentaje aumentará al 9 por ciento para 1988.

Pasta comercial

Para 1983 se ha estimado una capacidad mundial de producción de pasta para comercialización de 29,3 millones de toneladas, señalándose para 1986 un aumento del 5 por ciento, hasta alcanzar los 31 millones de toneladas. Se estimó una pequeña disminución ulterior para Finlandia, compensada por los aumentos de Suecia y Noruega. La distribución regional fue de 12,5 millones de toneladas en América del Norte, 6,4 millones en los países nórdicos, 3,0 millones en el resto de Europa, 2,0 millones en la U.R.S.S., 2,2 millones en América Latina, 0,7 millones en Oceanía y 0,5 millones en África.

Pasta de Madera para fabricar papel (1. Cuadro 3)

La adición estimada en 10,8 millones de toneladas a la capacidad de producción de 1983, que fue de 144 millones, hará que el total mundial alcance los 154,8 millones de toneladas en 1988. El aumento estimado es inferior en 0,3 millones de toneladas a la estimación de la encuesta anterior. De la capacidad de producción de pasta de madera en 1983, el 82 por ciento corresponde a las economías de mercado desarrolladas, el 11 por ciento a las de planificación centralizada desarrollada de Europa oriental y la U.R.S.S. y 7 por ciento a los países en desarrollo, incluida China. Al preverse un aumento muy superior de los índices de crecimiento de los países en desarrollo, se estima que su porcentaje del total aumentará hasta el 8 por ciento para 1988. En 1975 fue del 5 por ciento.

Pasta mecánica (1.1 Cuadro 4)

En relación con la encuesta anterior, se aprecia una ulterior reducción de la capacidad de producción de pasta mecánica. El volumen indicado para 1983 experimenta una reducción de 0,75 millones de toneladas con respecto al señalado para 1982. Esto se debe a la reducción del volumen correspondiente a las economías de mercado desarrolladas. Las principales reducciones son las comunicadas por Canadá, en América del Norte (0,4), y la CEE (0,3). No se prevé ningún aumento hasta 1988. Prácticamente toda la producción en relación con la cual se indican las especies utilizadas como fuente de materia prima corresponde a coníferas. Entre los principales productores, Canadá y la U.R.S.S. no informan sobre la materia prima utilizada, aunque cabe suponer que en esos dos países serán principalmente coníferas.

Pasta termomecánica (1.2 Cuadro 5)

El mayor crecimiento sigue correspondiendo a la pasta termomecánica. La capacidad de producción aumentó 1,2 millones de toneladas de 1982 a 1983, y el aumento estimado hasta 1988 es de 3,1 millones de toneladas. En 1983, el 96 por ciento de la capacidad mundial de producción correspondió a las economías de mercado desarrolladas, y el 54 por ciento a América del Norte. Canadá y Estados Unidos absorben más de la mitad del crecimiento estimado de la capacidad de producción mundial de pasta termomecánica; en 1988 también producirán esos dos países el 54 por ciento. Los países en desarrollo esperan duplicar su capacidad de producción de este tipo de pasta para 1988. Prácticamente todo el volumen de producción cuya materia prima se conoce se obtiene a partir de madera de coníferas. (Hay que observar que para Noruega la pasta termomecánica está incluida en la mecánica.)

Pasta semiquímica de madera (1.3 Cuadro 6)

Entre 1982 y 1983 se estima una disminución de la capacidad de producción de pasta semiquímica de 0,4 millones de toneladas, correspondiendo toda la reducción a las economías de mercado desarrolladas. Durante el período de 1977-83 disminuyó la capacidad de producción de pasta semiquímica en Japón y Europa occidental en 1,4 millones de toneladas, con una reducción neta mundial de 0,8 millones de toneladas. La capacidad de producción mundial se establece en esta encuesta en 9,6 millones de toneladas, y se estima un aumento de 0,4 millones de toneladas para 1988. El 95 por ciento de capacidad de producción cuya especie de origen se especifica procede de plantas no coníferas.

Pasta química de madera (1.4 Cuadro 7)

La estimación de la capacidad de producción total de pasta química de madera para papel es de 98,6 millones de toneladas. Para 1988 se prevé un aumento de 7,1 millones de toneladas, lo mismo que en la encuesta anterior. La pasta química constituye el 64 por ciento de la capacidad de producción total de pasta para papel en 1983. Se supone que este porcentaje se mantendrá hasta 1988.

La división de la capacidad de producción total de pasta química en 1982 es la siguiente: pasta al sulfito sin blanquear, 7 por ciento; pasta al sulfito blanqueada, 5 por ciento; pasta al sulfato sin blanquear, 38 por ciento; pasta al sulfato blanqueada, 50 por ciento.

Se han indicado las especies utilizadas como materia prima para el 85 por ciento de la capacidad de producción de pasta química. Proceden de plantas no coníferas 24 millones de toneladas, es decir el 28 por ciento de la capacidad de producción atribuida, de las cuales 20,3 millones de toneladas son de pasta al sulfato blanqueada (43 por ciento de ese tipo), 3 millones de toneladas de pasta al sulfato sin blanquear y 1 millón de toneladas de pasta al sulfito blanqueada.

Otras pastas de fibras (2. Cuadro 8)

Una vez revisada, la estimación de la capacidad de producción total de pasta de otras fibras se estableció en 9,2 millones de toneladas. Esto se debe a la revisión de la estimación para China que, en función de los nuevos datos suministrados, se estableció en 3 millones de toneladas. En esta cifra no se incluye la capacidad de producción de la provincia de Taiwán, 0,3 millones de toneladas. En los cambios de 1982 están incluidos los aumentos de 100 000 toneladas en la India, 75 000 toneladas en el Perú, 40 000 toneladas en Indonesia y Tailandia y una revisión a la baja de 80 000 toneladas para España. El 78 por ciento de esta capacidad de producción corresponde a los países en desarrollo, y constituye el 43 por ciento de su capacidad de producción de pasta de papel en 1983. El crecimiento estimado hasta 1988 es de 1,4 millones de toneladas, prácticamente por entero en los países en desarrollo. La pasta de otras fibras constituye el 40 por ciento de la capacidad de producción de pasta de los países en desarrollo.

Se conoce el tipo de materia prima utilizada para el 90 por ciento de la capacidad de producción. En el 38 por ciento se utiliza paja, en el 20 por ciento bagazo, en el 16 por ciento bambú y en el resto otras fibras. En América Latina predomina el bagazo, en las economías de mercado en desarrollo de Asia es el bambú la materia más importante, y en China dos terceras partes de esta pasta proceden de paja.

Pasta soluble (3.)

El volumen total de 6,1 millones de toneladas constituye el 4 por ciento de la producción mundial de pasta, y su crecimiento sigue un ritmo muy lento, alcanzando los 6,3 millones de toneladas en 1988. Más del 80 por ciento es pasta comercial. El 33 por ciento procede de materia prima de plantas no coníferas y 25 por ciento de coníferas. En el resto no se indica la materia prima.

Papel y cartón (4. Cuadro 9)

La capacidad de producción mundial total de papel y cartón en 1983 fue de 205,9 millones de toneladas, 1,4 millones más que en 1982, es decir, el 0,7 por ciento. El crecimiento estimado hasta 1988 es de 18 millones de toneladas, hasta alcanzar los 224 millones. Este crecimiento estimado es semejante al producido durante el período de 1978-83. El 78 por ciento de la capacidad de producción mundial en 1983 corresponde a las economías de mercado desarrolladas, el 9 por ciento a las economías de mercado en desarrollo y el 13 por ciento a las de planificación centralizada.

Papel prensa (4.1 Cuadro 10)

La capacidad de producción mundial de papel de periódico, de 30,7 millones de toneladas, representa el 15 por ciento del total de papel y cartón. Se señala un aumento de la capacidad de producción en algunos países en desarrollo. Finlandia cumplió la previsión de aumentar su capacidad de producción en 160 000 toneladas. También estaba prevista la reducción de Suecia, mientras que el Japón y la República Federal de Alemania experimentaron reducciones de unas 100 000 toneladas, no previstas en la encuesta de 1982. La capacidad de producción de 1983 supera el volumen de 1982 en 0,1 millones de toneladas, mientras que en la encuesta de 1982 estaba previsto un aumento de 0,9 millones de toneladas. El crecimiento estimado de 2,7 millones de toneladas es sensiblemente inferior al del período de 1978-83.

Otros papeles de escritura e impresión (4.2 Cuadro 11)

La capacidad de producción mundial de otros papeles de imprenta e imprimir fue de 51,3 millones de toneladas en 1983, con un aumento de 0,5 millones con respecto a 1982, mientras que las previsiones de la encuesta anterior eran de una elevación de 2 millones de toneladas. Esto se debe a las revisiones a la baja en la capacidad de producción comunicada por varios países, entre ellos México, India, Francia y la República Federal de Alemania. Se comunicaron aumentos importantes en los Estados Unidos, Finlandia, Suecia, Canadá, Bélgica, Indonesia y Chile. El crecimiento estimado hasta 1988 es de 6,1 millones de toneladas, alcanzándose un total de 57,4 millones de toneladas.

Otros papeles y cartones

La capacidad de producción mundial total en 1983 es de 123,8 millones de toneladas, lo cual supone un aumento de sólo 1,6 millones de toneladas sobre 1982, frente al previsto en la encuesta de ese año de 2,4 millones de toneladas. Para el quinquenio que concluye en 1988 se estima un crecimiento próximo a los 9,2 millones de toneladas, con un volumen final de 133,1 millones. En otros papeles y cartones se incluyen los siguientes productos principales:

-	Papel para usos domésticos e higiénicos	10 por ciento
-	Papel de embalaje	80 por ciento
-	Otros papeles y cartones	10 por ciento

Los principales tipos de material de embalaje son (porcentaje entre paréntesis):

-	Papel kraft para forros	(22)
-	Otros papeles para forros	(6)
-	Papel ondulado mediano	(15)
-	Papel kraft de embalaje	(16)
-	Cartón plegable para cajas	(14)
-	Otros materiales de embalaje	(9)

Aunque para las economías de mercado en desarrollo se mantienen las proporciones generales, la proporción de papel y cartón kraft es sólo del 18 por ciento, frente al 38 por ciento del total mundial.

Relación entre la capacidad de pasta y la de papel y cartón (Cuadro 12)

La presente encuesta indica que seguirá disminuyendo la relación entre la capacidad de producción de pasta y la de papel.

Comparación con encuestas anteriores (Cuadros 13 y 14)

En el cuadro 13 figura la estimación de la capacidad total de producción en el primer año de cada encuesta y la del aumento durante todo el período. Hay que advertir que los datos publicados en las encuestas de 1980, 1981 y 1982 se revisaron posteriormente para incluir los resultados de algunos países recibidos con excesivo retraso. En 1982 y 1983 se incluye la revisión de los datos para China. Con la excepción de la estimación hecha en la encuesta de 1970 sobre el aumento de la capacidad de producción de papel, las estimaciones referentes a los períodos concluidos en los años 70 han tendido a sobrevalorar de manera importante la expansión real. La estimación de 1970 para el aumento de producción de pasta fue de 29 millones de toneladas, frente al crecimiento real de 22,7, y la de 1978 para la pasta y el papel fue de 19,1 y 26,6 millones de toneladas respectivamente, frente a un crecimiento registrado hasta 1983, ajustado para la revisión de datos correspondientes a China, de 12,5 y 21,2 millones de toneladas. Hay que advertir que para los períodos que figuran en el Cuadro 13 tanto el crecimiento real como sus estimaciones muestran una tendencia descendente.

Cuadro 1 : Capacidad mundial de producción de pasta, papel y cartón, 1973-88

	Capacidad total				Incremento anual medio		
	millones de toneladas métricas				porcentaje		
	1973	1978	1983	1988	1973-78	1978-83	1983-88
Total de pastas de madera para papel	119.8	134.9	144.0	154.8	2.4	1.3	1.5
Mecánica (a)	28.9	32.6	35.5	38.5	2.5	1.7	1.7
Semiquímica (b)	9.9	10.5	9.6	10.1	1.2	-1.6	0.9
Química	81.1	91.9	98.6	105.8	2.5	1.4	1.4
Otra pasta de fibra	8.2	10.4	9.2	10.6	4.9	-2.4	2.9
Pasta soluble	5.9	6.1	6.1	6.3	0.5	0.1	0.7
Total papel y cartón	160.7	187.6	205.9	224.1	3.1	1.9	1.7
Papel para periódicos	24.7	26.4	30.8	33.5	1.3	3.1	1.7
Papel de escritura y impresión	35.7	42.8	51.3	57.4	3.7	3.7	2.3
Otros papeles y cartones	100.3	118.4	123.8	133.1	3.4	0.9	1.5

- (a) Se incluye la pasta termomecánica
(b) Se incluye la pasta quimicomecánica

Cuadro 2 : Tasa anual de aumento de la capacidad mundial de producción de pasta, papel cartón, 1983-88

	Incrementos anuales				
	porcentaje				
	1983-4	1984-5	1985-6	1986-7	1987-8
Total de pasta de madera para papel	2.2	2.5	1.3	1.0	0.3
Mecánica (a)	3.2	2.0	1.5	1.1	0.5
Semiquímica (b)	0.1	2.7	1.0	0.6	0.1
Química	2.0	2.5	1.2	1.0	0.3
Otra pasta de fibra	5.6	4.6	2.9	1.5	0.2
Pasta soluble	2.4	0.2	-	1.4	-0.6
Total de papel y cartón	2.7	2.6	1.6	1.1	0.5
Papel para periódicos	2.8	3.1	1.1	1.3	0.4
Papel de escritura y impresión	3.6	3.5	2.0	1.7	0.5
Otros papeles y cartones	2.3	2.0	1.6	0.9	0.5

- (a) Se incluye la pasta termomecánica
(b) Se incluye la pasta quimicomecánica

Cuadro 3 : Aumentos de la capacidad total de producción de pasta de madera para papel,
1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	134 945	144 007	154 773	9 062	10 766	1.3	1.5	
Econ. merc. desarrolladas	113 281	118 426	126 545	5 145	8 119	0.9	1.3	
América del Norte	67 003	72 749	76 415	5 746	3 666	1.7	1.0	
Japón	12 064	12 006	12 158	-58	152	-0.1	0.3	
Europa occidental	31 440	30 518	33 689	-922	3 171	-0.6	2.0	
Oceanía	2 090	2 326	2 670	236	344	2.2	2.8	
Otras	684	827	1 613	143	786	3.9	14.3	
Econ. merc. en desarrollo	5 906	8 415	10 450	2 509	2 035	7.3	4.4	
Africa	354	724	815	370	91	15.4	2.4	
América Latina	4 413	5 800	7 113	1 387	1 313	5.6	4.2	
Asia	1 139	1 891	2 522	752	631	10.7	5.9	
Econ. centralmente planif.	15 758	17 166	17 778	1 408	612	1.7	0.7	
Asia	2 447	1 167	1 282	-1 280	115	-13.8	1.9	
Europa oriental	3 661	4 354	4 446	693	92	3.5	0.4	
URSS	9 650	11 645	12 050	1 995	405	3.8	0.7	

Cuadro 4 : Aumentos de la capacidad de producción de pasta mecánica de maderas para papel,
1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	29 398	26 091	26 044	-3 307	-47	-2.4	-	
Econ. merc. desarrolladas	24 467	21 305	20 902	-3 162	-403	-2.7	-0.4	
América del Norte	12 533	10 319	9 729	-2 214	-590	-3.8	-1.2	
Japón	1 490	1 551	1 551	61	-	0.8	-	
Europa occidental	9 436	8 491	8 542	-945	51	-2.1	0.1	
Oceanía	747	740	855	-7	115	-0.2	2.9	
Otras	261	204	225	-57	21	-4.8	2.0	
Econ. merc. en desarrollo	880	1 184	1 460	304	276	6.1	4.3	
Africa	17	33	48	16	15	14.2	7.8	
América Latina	466	660	847	194	187	7.2	5.1	
Asia	397	491	565	94	74	4.3	2.8	
Econ. centralmente planif.	4 051	3 602	3 682	-449	80	-2.3	0.4	
Asia	901	328	350	-573	22	-18.3	1.3	
Europa oriental	950	949	972	-1	23	-	0.5	
URSS	2 200	2 325	2 360	125	35	1.1	0.3	

1/ Se excluyen pasta termomecánica

Cuadro 5 : Aumento de la capacidad de pasta termomecánica, 1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	3 237	9 380	12 471	6 143	3 091	23.7	5.9	
Econ. merc. desarrolladas	3 237	9 036	11 874	5 799	2 838	22.8	5.6	
América del Norte	1 188	5 122	6 679	3 934	1 557	33.9	5.5	
Japón	621	995	995	374	-	9.9	-	
Europa occidental	1 388	2 481	3 682	1 093	1 201	12.3	8.2	
Oceanía	40	288	368	248	80	48.4	5.0	
Otras	-	150	150	150	-	-	-	
Econ. de merc.en desarrollo	-	191	395	191	204	-	15.6	
Africa	-	-	-	-	-	-	-	
América Latina	-	43	157	43	114	-	29.6	
Asia	-	148	238	148	90	-	10.0	
Econ. centralmente planif.	-	153	202	153	49	-	5.7	
Asia	-	33	62	33	29	-	13.4	
Europa oriental	-	-	-	-	-	-	-	
URSS	-	120	140	120	20	-	3.1	

Cuadro 6 : Aumentos de la capacidad de producción de pasta semiquímica para papel, 1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	10 457	9 649	10 089	-808	440	-1.6	0.9	
Econ. merc. desarrolladas	9 014	7 849	7 928	-1 165	79	-2.7	0.2	
América del Norte	4 630	4 623	4 709	-7	86	-	0.4	
Japón	1 918	1 478	1 336	-440	-142	-5.1	-2.0	
Europa occidental	1 893	1 182	1 308	-711	126	-9.0	2.0	
Oceanía	411	401	410	-10	9	-0.5	0.4	
Otras	162	165	165	3	-	0.4	-	
Econ. merc. en desarrollo	482	584	836	102	252	3.9	7.4	
Africa	10	26	41	16	15	21.1	9.5	
América Latina	409	389	461	-20	72	-1.0	3.5	
Asia	63	169	334	106	165	21.8	14.6	
Econ. centralmente planif.	961	1 216	1 325	255	109	4.8	1.7	
Asia	-	-	-	-	-	-	-	
Europa oriental	411	416	475	5	59	0.2	2.7	
URSS	550	800	850	250	50	7.8	1.2	

Cuadro 7 : Aumentos de la capacidad de pasta química de madera para papel, 1978-88

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mundial	91 853	98 644	105 783	6 791	7 139	1.4	1.4
Econ. merc. desarrolladas	76 563	80 040	85 465	3 477	5 425	0.9	1.3
América del Norte	48 652	52 685	55 298	4 033	2 613	1.6	1.0
Japón	8 035	7 982	8 276	-53	294	-0.1	0.7
Europa occidental	18 723	18 168	19 781	-555	1 613	-0.6	1.7
Oceanía	892	897	1 037	5	140	0.1	2.9
Otras	261	308	1 073	47	765	3.4	28.4
Econ. merc. en desarrollo	4 544	6 409	7 749	1 865	1 340	7.1	3.9
Africa	327	620	726	293	106	13.6	3.2
América Latina	3 538	4 706	5 646	1 168	940	5.9	3.7
Asia	679	1 083	1 377	404	294	9.8	4.9
Econ. centralmente planif.	10 746	12 195	12 569	1 449	374	2.6	0.6
Asia	1 546	806	870	-740	64	-12.2	1.5
Europa oriental	2 300	2 989	2 999	689	10	5.4	0.1
URSS	6 900	8 400	8 700	1 500	300	4.0	0.7

Cuadro 8 : Aumentos de capacidad de pastas de otra fibra para papel, 1978-88

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88
Total mundial	10 408	9 215	10 645	-1 193	1 430	- 2.4	2.9
Econ. merc. desarrolladas	1 724	1 163	1 154	-561	-9	-7.6	-0.2
América del Norte	667	344	381	-323	37	-12.4	2.1
Japón	4	4	4	-	-	-	-
Europa occidental	938	703	657	-235	-46	-5.6	-1.3
Oceanía	5	10	10	5	-	14.9	-
Otras	110	102	102	-8	-	-1.5	-
Econ. merc. en desarrollo	2 791	4 033	5 027	1 242	994	7.6	4.5
Africa	199	220	220	21	-	2.0	-
América Latina	1 025	1 440	1 765	415	325	7.0	4.2
Asia	1 567	2 373	3 042	806	669	8.7	5.1
Econ. centralmente planif.	5 893	4 019	4 464	-1 874	445	-7.4	2.1
Asia	5 158	3 168	3 569	-1 990	401	-9.3	2.4
Europa oriental	260	251	270	-9	19	-0.7	1.5
URSS	475	600	625	125	25	4.8	0.8

Cuadro 9 : Aumento de la capacidad total de papel y cartón, 1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	187 602	205 933	224 079	18 331	18 146	1.9	1.7	
Econ. merc. desarrolladas	148 390	161 377	174 338	12 987	12 961	1.7	1.6	
América del Norte	73 798	81 219	85 200	7 421	3 981	1.9	1.0	
Japón	21 164	23 198	24 908	2 034	1 710	1.9	1.4	
Europa occidental	49 910	52 770	59 148	2 860	6 378	1.1	2.3	
Oceanía	2 295	2 509	2 807	214	298	1.8	2.3	
Otras	1 223	1 681	2 275	458	594	6.6	6.2	
Econ. merc. en desarrollo	13 620	18 783	22 583	5 163	3 800	6.6	3.8	
Africa	709	924	1 115	215	191	5.4	3.8	
América Latina	7 920	10 240	12 659	2 320	2 419	5.3	4.3	
Asia	4 991	7 619	8 809	2 628	1 190	8.8	2.9	
Econ. centralmente planif.	25 592	25 773	27 158	181	1 385	0.1	1.1	
Asia	8 701	5 837	6 284	-2 864	447	-7.7	1.5	
Europa oriental	5 891	6 436	6 874	545	438	1.8	1.3	
URSS	11 000	13 500	14 000	2 500	500	4.2	0.7	

Cuadro 10 : Aumento de la capacidad de papel para periódicos, 1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						Increase	
	porcentaje							
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	26 379	30 773	33 524	4 394	2 751	3.1	1.7	
Econ. merc. desarrolladas	22 268	26 252	27 943	3 984	1 691	3.3	1.3	
América del Norte	12 679	15 185	15 398	2 506	213	3.7	0.3	
Japón	2 569	2 837	2 989	268	152	2.0	1.0	
Europa occidental	6 254	7 154	8 405	900	1 251	2.7	3.3	
Oceanía	533	685	705	152	20	5.1	0.6	
Otras	233	391	446	158	55	10.9	2.7	
Econ. merc. en desarrollo	1 081	1 753	2 665	672	912	10.2	8.7	
Africa	13	15	28	2	13	2.9	13.3	
América Latina	465	820	1 297	355	477	12.0	9.6	
Asia	603	918	1 340	315	422	8.8	7.9	
Econ. centralmente planif.	3 030	2 768	2 916	-262	148	-1.8	1.0	
Asia	920	400	491	-520	91	-15.3	4.2	
Europa oriental	460	468	475	8	7	0.3	0.3	
URSS	1 650	1 900	1 950	250	50	2.9	0.5	

Cuadro 11 : Aumento de capacidad de otro papel de escritura y impresión, 1978-88

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1978	1983	1988	1978-83	1983-88	1978-83	1983-88	
Total mundial	42 821	51 319	57 412	8 498	6 093	3.7	2.3	
Econ. merc. desarrolladas	34 767	42 123	47 095	7 356	4 972	3.9	2.3	
América del Norte	14 973	18 056	20 070	3 083	2 014	3.8	2.1	
Japón	4 081	5 957	6 226	1 876	269	7.9	0.9	
Europa occidental	15 250	17 505	19 999	2 255	2 494	2.8	2.7	
Oceanía	248	278	443	30	165	2.3	9.8	
Otras	215	327	357	112	30	8.7	1.8	
Econ. merc. en desarrollo	3 202	4 419	5 149	1 217	730	6.7	3.1	
Africa	228	243	303	15	60	1.3	4.5	
América Latina	1 540	2 118	2 601	578	483	6.6	4.2	
Asia	1 434	2 058	2 245	624	187	7.5	1.8	
Econ. centralmente planif.	4 852	4 777	5 168	-75	391	-0.3	1.6	
Asia	2 344	1 888	2 002	-456	114	-4.2	1.2	
Europa oriental	1 108	1 239	1 466	131	227	2.3	3.4	
URSS	1 400	1 650	1 700	250	50	3.3	0.6	

Cuadro 12 : Relación entre la capacidad pasta : papel

<u>Año</u>	<u>Relación porcentual pasta : papel</u>
1969	81.5
1970	80.4
1971	80.4
1972	80.7
1973	79.7
1974	79.1
1975	77.8
1976	77.7
1977	77.7
1978	77.5
1979	77.1
1980	76.3
1981	75.8
1982	74.7
1983	74.4
1984	74.2
1985	74.2
1986	74.0
1987	73.9
1988	73.8

Cuadro 13 : Estimaciones de la encuesta de capacidad y aumentos de capacidad
Pasta y papel

Período de la encuesta	Capacidad total en el primer año de la encuesta		Aumento total en el período	
	millones de toneladas métricas			
	Total pasta para papel	Total papel y cartón	Total pasta para papel	Total papel y cartón
1969-74	108.5	133.2	25.8	37.2
1970-75	113.5	141.1	28.9	34.4
1971-76	118.0	146.8	23.7	27.6
1972-77	122.8	152.1	24.1	27.7
1973-78	128.1	160.7	23.1	32.9
1974-79	132.1	167.0	29.9	37.2
1975-80	136.1	174.9	25.4	31.0
1976-81	139.6	179.7	23.3	28.1
1977-82	143.3	184.4	21.0	27.3
1978-83	145.4	187.6	19.1	26.6
1979-84	148.1	192.2	20.5	29.3
1980-85	150.8	197.6	17.9	26.1
1981-86	153.8	203.0	15.9	24.1
1982-87	151.5	203.0	13.4	19.0
1983-88	153.2	205.9	12.2	18.2

Cuadro 14 : Estimaciones de la encuesta de aumentos de la capacidad por
producción principales

	millares de toneladas métricas				
	Encuesta	Encuesta	Encuesta	Encuesta	Encuesta
	1979-84	1980-85	1981-86	1982-87	1983-88
Total pasta de maders	18 078	16 159	14 516	11 386	10 766
Mecánica (a)	5 686	6 108	5 235	3 423	3 044
Semiquímica (b)	1 220	884	1 047	609	440
Química	11 162	9 229	8 272	7 352	7 139
Otra pasta de fibra	2 406	1 764	1 415	1 968	1 430
Pasta soluble	438	362	385	379	207
Total papel y cartón	29 365	26 039	24 145	18 998	18 146
Papel para periódicos	6 852	5 898	4 918	3 971	2 751
Otra de escritura y impresión	8 959	8 492	7 866	6 090	6 093
- de envolver y empaquetar	13 547	11 826	11 379	8 905	9 272

- (a) Incluso pasta termomecánica
(b) Incluso pasta quimicomecánica

ALGERIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	112	44	112	44	112	44	112	44	112
2.1	PULP OF STRAW	27	0	27	0	27	0	27	0	27
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	85	44	85	44	85	44	85	44	85
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	256	273	273	273	273
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	58	58	58	58	58
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	58	58	58	58	58
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	58	58	58	58	58
4.3	OTHER PAPER AND PAPERBOARD	198	215	215	215	215
4.31	HOUSEHOLD AND SANITARY PAPER	5	5	5	5	5
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	193	210	210	210	210
4.321	LINERBOARD	47	53	53	53	53
4.3211	KRAFT LINER	47	53	53	53	53
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	38	43	43	43	43
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	38	43	43	43	43
4.323	KRAFT WRAPPING AND PACKAGING	61	67	67	67	67
4.3231	SACK KRAFT	50	56	56	56	56
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	11	11	11	11	11
4.324	FOLDING BOXBOARD	24	24	24	24	24
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	23	23	23	23	23
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

CAMEROON

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	85	70	95	70	95	70	95	70	95	95
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	85	70	95	70	95	70	95	70	95	95
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	85	70	95	70	95	70	95	70	95	95
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	85	70	95	70	95	70	95	70	95	95
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	5	5	5	5	5
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	5	5	5	5	5
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	5	5	5	5	5
4.321	LINERBOARD	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	5	5	5	5	5
4.3251	OTHER WRAPPING PAPER	3	3	3	3	3
4.3252	OTHER PACKAGING PAPERBOARD	2	2	2	2	2
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

ETHIOPIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	10	10	10	10	10	10
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	4	4	4	4	4	4
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	4	4	4	4	4	4
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2	2	2	2	2	2
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	2	2	2	2	2	2
4.3	OTHER PAPER AND PAPERBOARD	6	6	6	6	6	6
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	6	6	6	6	6	6
4.321	LINERBOARD	1	1	1	1	1	1
4.3211	KRAFT LINER	1	1	1	1	1	1
4.32111	UNBLEACHED KRAFT LINER	1	1	1	1	1	1
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	1	1	1	1	1	1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	1	1	1	1	1	1
4.323	KRAFT WRAPPING AND PACKAGING	1	1	1	1	1	1
4.3231	SACK KRAFT	0	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	1	1	1	1	1	1
4.324	FOLDING BOXBOARD	0	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	3	3	3	3	3	3
4.3251	OTHER WRAPPING PAPER	2	2	2	2	2	2
4.3252	OTHER PACKAGING PAPERBOARD	1	1	1	1	1	1
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

KENYA

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1 WOOD PULP FOR PAPER AND PAPERBOARD	60	0	60	0	60	0	60	0	60	0	60	0
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	60	0	60	0	60	0	60	0	60	0	60	0
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	30	0	30	0	30	0	30	0	30	0	30	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	30	0	30	0	30	0	30	0	30	0	30	0
1.44 BLEACHED SULPHATE+SODA PULP	30	0	30	0	30	0	30	0	30	0	30	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	30	0	30	0	30	0	30	0	30	0	30	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												

4 PAPER AND PAPERBOARD			79	89	89	89	89	89				
4.1 NEWSPRINT			0	0	0	0	0	0				
4.2 OTHER PRINTING AND WRITING PAPER			30	30	30	30	30	30				
4.21 COATED PRINTING AND WRITING PAPER			0	0	0	0	0	0				
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0				
4.212 COATED WOODFREE PRINTING & WRITING PAPER			0	0	0	0	0	0				
4.22 UNCOATED PRINTING AND WRITING PAPER			30	30	30	30	30	30				
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			0	0	0	0	0	0				
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER			30	30	30	30	30	30				
4.3 OTHER PAPER AND PAPERBOARD			49	59	59	59	59	59				
4.31 HOUSEHOLD AND SANITARY PAPER			3	3	3	3	3	3				
4.32 WRAPPING AND PACKAGING PAPER AND BOARD			46	56	56	56	56	56				
4.321 LINERBOARD			11	11	11	11	11	11				
4.3211 KRAFT LINER			11	11	11	11	11	11				
4.32111 UNBLEACHED KRAFT LINER			11	11	11	11	11	11				
4.32112 BLEACHED KRAFT LINER			0	0	0	0	0	0				
4.3212 OTHER LINERBOARD			0	0	0	0	0	0				
4.322 FLUTING MEDIUM			5	5	5	5	5	5				
4.3221 SEMI-CHEMICAL FLUTING MEDIUM			5	5	5	5	5	5				
4.3222 OTHER FLUTING MEDIUM			0	0	0	0	0	0				
4.323 KRAFT WRAPPING AND PACKAGING			14	14	14	14	14	14				
4.3231 SACK KRAFT			0	0	0	0	0	0				
4.3232 OTHER KRAFT WRAPPING AND PACKAGING			14	14	14	14	14	14				
4.324 FOLDING BOXBOARD			0	0	0	0	0	0				
4.3241 PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0				
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0				
4.32412 OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0				
4.3242 WASTE PAPER BASED FOLDING BOXBOARD			0	0	0	0	0	0				
4.325 OTHER WRAPPING AND PACKAGING N.E.S.			16	26	26	26	26	26				
4.3251 OTHER WRAPPING PAPER			13	23	23	23	23	23				
4.3252 OTHER PACKAGING PAPERBOARD			3	3	3	3	3	3				
4.33 OTHER PAPER AND PAPERBOARD N.E.S.- TOTAL			0	0	0	0	0	0				
4.331 OTHER PAPER N.E.S.			0	0	0	0	0	0				
4.332 OTHER PAPERBOARD N.E.S.-			0	0	0	0	0	0				

MADAGASCAR

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	
	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	10	0	9	0	9	0	9	0	9	0	9
1.1	MECHANICAL PULP	6	0	6	0	6	0	6	0	6	0	6
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	6	0	6	0	6	0	6	0	6	0	6
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	4	0	3	0	3	0	3	0	3	0	3
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	4	0	3	0	3	0	3	0	3	0	3
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	14	14	14	14	14
4.1	NEWSPRINT	1	1	1	1	1
4.2	OTHER PRINTING AND WRITING PAPER	8	8	8	8	8
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	8	8	8	8	8
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	5	5	5	5	5
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	3	3	3	3	3
4.3	OTHER PAPER AND PAPERBOARD	5	5	5	5	5
4.31	HOUSEHOLD AND SANITARY PAPER	1	1	1	1	1
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	4	4	4	4	4
4.321	LINERBOARD	1	1	1	1	1
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	1	1	1	1	1
4.322	FLUTING MEDIUM	1	1	1	1	1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	1	1	1	1	1
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	1	1	1	1	1
4.3231	SACK KRAFT	1	1	1	1	1
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	1	1	1	1	1
4.3241	PULP BASED FOLDING BOXBOARD	1	1	1	1	1
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	1	1	1	1	1
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

PAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

MOROCCO

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY		
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	95	95	95	95	95	95	95	95	95	95	95
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	95	95	95	95	95	95	95	95	95	95	95
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	95	95	95	95	95	95	95	95	95	95	95
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	95	95	95	95	95	95	95	95	95	95	95
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1983	1984	1985	1986	1987	1988	
	4	PAPER AND PAPERBOARD	159	159	159	159	159	159
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	28	28	28	28	28	28
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	28	28	28	28	28	28
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	4	4	4	4	4	4
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	24	24	24	24	24	24
4.3	OTHER PAPER AND PAPERBOARD	131	131	131	131	131	131
4.31	HOUSEHOLD AND SANITARY PAPER	6	6	6	6	6	6
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	125	125	125	125	125	125
4.321	LINERBOARD	27	27	27	27	27	27
4.3211	KRAFT LINER	0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	27	27	27	27	27	27
4.322	FLUTING MEDIUM	12	12	12	12	12	12
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	12	12	12	12	12	12
4.323	KRAFT WRAPPING AND PACKAGING	15	15	15	15	15	15
4.3231	SACK KRAFT	0	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	15	15	15	15	15	15
4.324	FOLDING BOXBOARD	29	29	29	29	29	29
4.3241	PULP BASED FOLDING BOXBOARD	10	10	10	10	10	10
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	10	10	10	10	10	10
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	19	19	19	19	19	19
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	42	42	42	42	42	42
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

MOZAMBIQUE

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY

1000 METRIC TONS (AIR DRY) PER YEAR										

1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0

3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
	1983	1984	1985	1986	1987	1988

4	PAPER AND PAPERBOARD	5	8	8	10	10
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	1	1	1	1	1
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	1	1	1	1	1
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1	1	1	1	1
4.3	OTHER PAPER AND PAPERBOARD	4	7	7	9	9
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	3	6	6	8	8
4.321	LINERBOARD	0	1	1	1	1
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	1	1	1	1
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	3	3	3	4	4
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	3	3	3	4	4
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	2	2	3	3
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	2	2	3	3
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	1	1	1	1	1
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	1	1	1	1	1

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

NIGERIA

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP	
	1000 METRIC TONS (AIR DRY) PEP YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	65	0	65	0	65	0	65	0	65	0	65
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	8	0	25	0	25	0	25	0	25	0	25
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	8	0	25	0	25	0	25	0	25	0	25
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	12	0	40	0	40	0	40	0	40	0	40
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	12	0	40	0	40	0	40	0	40	0	40
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	12	0	40	0	40	0	40	0	40	0	40
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1983	1984	1985	1986	1987	1988	
4	PAPER AND PAPERBOARD	30	63	63	63	63	63
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	1	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	1	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	29	63	63	63	63	63
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	29	62	62	62	62	62
4.321	LINERBOARD	12	26	26	26	26	26
4.3211	KRAFT LINER	12	26	26	26	26	26
4.32111	UNBLEACHED KRAFT LINER	12	26	26	26	26	26
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	5	11	11	11	11	11
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	5	11	11	11	11	11
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	10	20	20	20	20	20
4.3231	SACK KRAFT	6	12	12	12	12	12
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	4	8	8	8	8	8
4.324	FOLDING BOXBOARD	2	5	5	5	5	5
4.3241	PULP BASED FOLDING BOXBOARD	2	5	5	5	5	5
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	2	5	5	5	5	5
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	1	1	1	1	1
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	1	1	1	1	1

ZIMBABWE

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD											37
1.1	MECHANICAL PULP											24
1.11	MECHANICAL NON-CONIFEROUS PULP											0
1.12	MECHANICAL CONIFEROUS PULP											24
1.2	THERMO-MECHANICAL PULP											0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0
1.3	SEMI-CHEMICAL PULP											14
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											14
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0
1.4	CHEMICAL PULP TOTAL											0
1.41	UNBLEACHED SULPHITE PULP											0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0
1.42	BLEACHED SULPHITE PULP											0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0
1.43	UNBLEACHED SULPHATE PULP											0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0
1.44	BLEACHED SULPHATE+SODA PULP											0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											0
2.1	PULP OF STRAW											0
2.2	PULP OF BAGASSE											0
2.3	PULP OF BAMBOO											0
2.4	PULP OF OTHER FIBRE											0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0
3.1	NON-CONIFEROUS DISSOLVING PULP											0
3.2	CONIFEROUS DISSOLVING PULP											0

	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD						77
4.1	NEWSPRINT						14
4.2	OTHER PRINTING AND WRITING PAPER						8
4.21	COATED PRINTING AND WRITING PAPER						0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER						0
4.212	COATED WOODFREE PRINTING & WRITING PAPER						0
4.22	UNCOATED PRINTING AND WRITING PAPER						8
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER						3
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER						5
4.3	OTHER PAPER AND PAPERBOARD						55
4.31	HOUSEHOLD AND SANITARY PAPER						4
4.32	WRAPPING AND PACKAGING PAPER AND BOARD						48
4.321	LINERBOARD						20
4.3211	KRAFT LINER						10
4.32111	UNBLEACHED KRAFT LINER						10
4.32112	BLEACHED KRAFT LINER						0
4.3212	OTHER LINERBOARD						10
4.322	FLUTING MEDIUM						10
4.3221	SEMI-CHEMICAL FLUTING MEDIUM						10
4.3222	OTHER FLUTING MEDIUM						0
4.323	KRAFT WRAPPING AND PACKAGING						5
4.3231	SACK KRAFT						3
4.3232	OTHER KRAFT WRAPPING AND PACKAGING						2
4.324	FOLDING BOXBOARD						13
4.3241	PULP BASED FOLDING BOXBOARD						0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD						0
4.32412	OTHER PULP BASED FOLDING BOXBOARD						0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD						13
4.325	OTHER WRAPPING AND PACKAGING N.E.S.						0
4.3251	OTHER WRAPPING PAPER						0
4.3252	OTHER PACKAGING PAPERBOARD						0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL						3
4.331	OTHER PAPER N.E.S.						0
4.332	OTHER PAPERBOARD N.E.S.						3

SUDAN

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	8	8	8	8	8
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	8	8	8	8	8
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	8	8	8	8	8
4.321	LINERBOARD	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	8	8	8	8	8
4.3251	OTHER WRAPPING PAPER	6	6	6	6	6
4.3252	OTHER PACKAGING PAPERBOARD	2	2	2	2	2
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

SWAZILAND

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	174	174	175	175	175	175	175	175	175
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	174	174	175	175	175	175	175	175	175
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	174	174	175	175	175	175	175	175	175
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	174	174	175	175	175	175	175	175	175
1.44	BLEACHED SULPHATE-SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE-SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE-SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988										

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
4	PAPER AND PAPERBOARD			0	0	0	0	0	0	
4.1	NEWSPRINT			0	0	0	0	0	0	
4.2	OTHER PRINTING AND WRITING PAPER			0	0	0	0	0	0	
4.21	COATED PRINTING AND WRITING PAPER			0	0	0	0	0	0	
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0	
4.212	COATED WOODFREE PRINTING & WRITING PAPER			0	0	0	0	0	0	
4.22	UNCOATED PRINTING AND WRITING PAPER			0	0	0	0	0	0	
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			0	0	0	0	0	0	
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			0	0	0	0	0	0	
4.3	OTHER PAPER AND PAPERBOARD			0	0	0	0	0	0	
4.31	HOUSEHOLD AND SANITARY PAPER			0	0	0	0	0	0	
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			0	0	0	0	0	0	
4.321	LINERBOARD			0	0	0	0	0	0	
4.3211	KRAFT LINER			0	0	0	0	0	0	
4.32111	UNBLEACHED KRAFT LINER			0	0	0	0	0	0	
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0	
4.3212	OTHER LINERBOARD			0	0	0	0	0	0	
4.322	FLUTING MEDIUM			0	0	0	0	0	0	
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			0	0	0	0	0	0	
4.3222	OTHER FLUTING MEDIUM			0	0	0	0	0	0	
4.323	KRAFT WRAPPING AND PACKAGING			0	0	0	0	0	0	
4.3231	SACK KRAFT			0	0	0	0	0	0	
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			0	0	0	0	0	0	
4.324	FOLDING BOXBOARD			0	0	0	0	0	0	
4.3241	PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0	
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0	
4.32412	OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0	
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			0	0	0	0	0	0	
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			0	0	0	0	0	0	
4.3251	OTHER WRAPPING PAPER			0	0	0	0	0	0	
4.3252	OTHER PACKAGING PAPERBOARD			0	0	0	0	0	0	
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			0	0	0	0	0	0	
4.331	OTHER PAPER N.E.S.			0	0	0	0	0	0	
4.332	OTHER PAPERBOARD N.E.S.			0	0	0	0	0	0	

TANZANIA

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	3	0	19	0	38	0	53	0	60	60
1.1	MECHANICAL PULP	3	0	7	0	12	0	17	0	18	18
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	3	0	7	0	12	0	17	0	18	18
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	12	0	26	0	36	0	42	42
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	6	0	13	0	18	0	21	21
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	6	0	13	0	18	0	21	21
1.44	BLEACHED SULPHATE+SODA PULP	0	0	6	0	13	0	18	0	21	21
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	6	0	13	0	18	0	21	21
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	15	35	52	66	75	75
4.1	NEWSPRINT	0	4	5	10	13	13
4.2	OTHER PRINTING AND WRITING PAPER	0	7	13	14	15	15
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	7	13	14	15	15
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	7	13	14	15	15
4.3	OTHER PAPER AND PAPERBOARD	15	24	34	42	47	47
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	15	24	34	42	47	47
4.321	LINERBOARD	6	7	10	10	10	10
4.3211	KRAFT LINER	0	0	2	2	2	2
4.32111	UNBLEACHED KRAFT LINER	0	0	-	-	-	-
4.32112	BLEACHED KRAFT LINER	0	0	-	-	-	-
4.3212	OTHER LINERBOARD	6	7	8	8	8	8
4.322	FLUTING MEDIUM	1	1	1	1	1	1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	1	1	1	1	1	1
4.323	KRAFT WRAPPING AND PACKAGING	0	6	12	19	24	24
4.3231	SACK KRAFT	0	3	6	9	12	12
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	3	6	10	12	12
4.324	FOLDING BOXBOARD	8	10	11	12	12	12
4.3241	PULP BASED FOLDING BOXBOARD	8	10	11	12	12	12
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	8	10	11	12	12	12
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

TUNISIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	23	8	23	8	23	8	23	8	23
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	23	8	23	8	23	8	23	8	23
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
	1983	1984	1985	1986	1987	1988
4	PAPER AND PAPERBOARD	36	41	48	55	55
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	19	22	25	28	28
4.21	COATED PRINTING AND WRITING PAPER	0	3	6	9	9
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	19	19	19	19	19
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	17	19	23	27	27
4.31	HOUSEHOLD AND SANITARY PAPER	1	1	1	1	1
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	14	15	19	22	22
4.321	LINERBOARD	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	13	13	17	20	20
4.3231	SACK KRAFT	5	5	5	5	5
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	8	8	12	15	15
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	1	2	2	2	2
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	2	3	3	4	4
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

UGANDA

PROCESS	1983		1984		1985		1986		1987		1988		
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0
1.1	MECHANICAL PULP											0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0
1.2	THERMO-MECHANICAL PULP											0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0
1.3	SEMI-CHEMICAL PULP											0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0
1.4	CHEMICAL PULP TOTAL											0	0
1.41	UNBLEACHED SULPHITE PULP											0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0
1.42	BLEACHED SULPHITE PULP											0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0
1.43	UNBLEACHED SULPHATE PULP											0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											0	0
2.1	PULP OF STRAW											0	0
2.2	PULP OF BAGASSE											0	0
2.3	PULP OF BAMBOO											0	0
2.4	PULP OF OTHER FIBRE											0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0

1983 1984 1985 1986 1987 1988													

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR													

4	PAPER AND PAPERBOARD											7	7
4.1	NEWSPRINT											0	0
4.2	OTHER PRINTING AND WRITING PAPER											6	6
4.21	COATED PRINTING AND WRITING PAPER											0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER											0	0
4.22	UNCOATED PRINTING AND WRITING PAPER											6	6
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											6	6
4.3	OTHER PAPER AND PAPERBOARD											1	1
4.31	HOUSEHOLD AND SANITARY PAPER											0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											1	1
4.321	LINERBOARD											0	0
4.3211	KRAFT LINER											0	0
4.32111	UNBLEACHED KRAFT LINER											0	0
4.32112	BLEACHED KRAFT LINER											0	0
4.3212	OTHER LINERBOARD											0	0
4.322	FLUTING MEDIUM											1	1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0
4.3222	OTHER FLUTING MEDIUM											1	1
4.323	KRAFT WRAPPING AND PACKAGING											0	0
4.3231	SACK KRAFT											0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											0	0
4.324	FOLDING BOXBOARD											0	0
4.3241	PULP BASED FOLDING BOXBOARD											0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											0	0
4.3251	OTHER WRAPPING PAPER											0	0
4.3252	OTHER PACKAGING PAPERBOARD											0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0
4.331	OTHER PAPER N.E.S.											0	0
4.332	OTHER PAPERBOARD N.E.S.											0	0

CANADA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPACITY	WHICH MARKET PULP	TOTAL CAPACITY	WHICH MARKET PULP	TOTAL CAPACITY	WHICH MARKET PULP	TOTAL CAPACITY	WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	22676	7440	23229	7621	23408	7604	23470	7698	23601	23601
1.1 MECHANICAL PULP	6384	418	6293	527	6216	527	5877	527	5768	5768
1.11 MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.12 MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.2 THERMO-MECHANICAL PULP	3135	0	3596	0	3835	0	4176	0	4406	4406
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.22 THERMO-MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.3 SEMI-CHEMICAL PULP	462	0	466	0	474	0	474	0	474	474
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.32 SEMI-CHEMICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.4 CHEMICAL PULP TOTAL	12695	7022	12874	7094	12883	7077	12943	7171	12953	12953
1.41 UNBLEACHED SULPHITE PULP	1734	72	1640	45	1593	62	1551	62	1512	1512
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.42 BLEACHED SULPHITE PULP	457	306	461	309	487	325	489	327	491	491
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.422 BLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.43 UNBLEACHED SULPHATE PULP	1722	208	1760	220	1772	225	1774	225	1776	1776
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.44 BLEACHED SULPHATE+SODA PULP	8782	6436	9013	6520	9031	6465	9129	6557	9174	9174
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	1121	780	1158	799	1184	765	1140	717	1146	1146
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	7661	5656	7855	5721	7847	5700	7989	5840	8028	8028
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	201	201	214	214	222	222	227	227	277	232
3.1 NON-CONIFEROUS DISSOLVING PULP	-	-	-	-	-	-	-	-	-	-
3.2 CONIFEROUS DISSOLVING PULP	-	-	-	-	-	-	-	-	-	-

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	15698	15913	16201	16245	16304	16304
4.1 NEWSPRINT	9970	9935	10000	9970	9970	9970
4.2 OTHER PRINTING AND WRITING PAPER	1826	1958	2117	2158	2207	2207
4.21 COATED PRINTING AND WRITING PAPER	-	-	-	-	-	-
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-
4.212 COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-
4.22 UNCOATED PRINTING AND WRITING PAPER	1826	1958	2117	2158	2207	2207
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	800	840	935	960	1000	1000
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	1026	1118	1182	1198	1207	1207
4.3 OTHER PAPER AND PAPERBOARD	3902	4020	4084	4117	4127	4127
4.31 HOUSEHOLD AND SANITARY PAPER	449	461	485	487	487	487
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	3125	3231	3271	3302	3312	3312
4.321 LINERBOARD	1150	1189	1203	1211	1216	1216
4.3211 KRAFT LINER	864	896	906	909	909	909
4.32111 UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112 BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212 OTHER LINERBOARD	286	293	297	302	307	307
4.322 FLUTING MEDIUM	644	681	691	694	692	692
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	527	529	540	545	545	545
4.3222 OTHER FLUTING MEDIUM	117	152	151	149	147	147
4.323 KRAFT WRAPPING AND PACKAGING	554	555	558	564	566	566
4.3231 SACK KRAFT	242	242	242	242	242	242
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	312	313	316	322	324	324
4.324 FOLDING BOXBOARD	413	426	438	451	455	455
4.3241 PULP BASED FOLDING BOXBOARD	413	426	438	451	455	455
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	89	89	89	90	92	92
4.32412 OTHER PULP BASED FOLDING BOXBOARD	324	337	349	361	363	363
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	364	380	381	382	383	383
4.3251 OTHER WRAPPING PAPER	19	19	19	19	19	19
4.3252 OTHER PACKAGING PAPERBOARD	345	361	362	363	364	364
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	328	328	328	328	328	328
4.331 OTHER PAPER N.E.S.	18	18	18	18	18	18
4.332 OTHER PAPERBOARD N.E.S.	310	310	310	310	310	310

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PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	68	0	88	0	88	0	88	0	88	88
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	68	0	88	0	88	0	88	0	88	88
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	1	0	1	0	1	0	1	0	1	1
3.1 NON-CONIFEROUS DISSOLVING PULP	1	0	1	0	1	0	1	0	1	1
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	178	201	201	201	201	201
4.1 NEWSPRINT	12	12	12	12	12	12
4.2 OTHER PRINTING AND WRITING PAPER	35	55	55	55	55	55
4.21 COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22 UNCOATED PRINTING AND WRITING PAPER	35	55	55	55	55	55
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	35	55	55	55	55	55
4.3 OTHER PAPER AND PAPERBOARD	131	134	134	134	134	134
4.31 HOUSEHOLD AND SANITARY PAPER	9	12	12	12	12	12
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	98	98	98	98	98	98
4.321 LINERBOARD	40	40	40	40	40	40
4.3211 KRAFT LINER	10	10	10	10	10	10
4.32111 UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112 BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212 OTHER LINERBOARD	30	30	30	30	30	30
4.322 FLUTING MEDIUM	16	16	16	16	16	16
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-	-
4.3222 OTHER FLUTING MEDIUM	-	-	-	-	-	-
4.323 KRAFT WRAPPING AND PACKAGING	12	12	12	12	12	12
4.3231 SACK KRAFT	6	6	6	6	6	6
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	6	6	6	6	6	6
4.324 FOLDING BOXBOARD	24	24	24	24	24	24
4.3241 PULP BASED FOLDING BOXBOARD	13	13	13	13	13	13
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	2	2	2	2	2	2
4.32412 OTHER PULP BASED FOLDING BOXBOARD	11	11	11	11	11	11
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	11	11	11	11	11	11
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	6	6	6	6	6	6
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	6	6	6	6	6	6
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	24	24	24	24	24	24
4.331 OTHER PAPER N.E.S.	20	20	20	20	20	20
4.332 OTHER PAPERBOARD N.E.S.	4	4	4	4	4	4

HONDURAS

PROCESS	1983		1984		1985		1986		1987		1988		
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		
	1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0
1.1	MECHANICAL PULP											0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0
1.2	THERMO-MECHANICAL PULP											0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0
1.3	SEMI-CHEMICAL PULP											0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0
1.4	CHEMICAL PULP TOTAL											0	0
1.41	UNBLEACHED SULPHITE PULP											0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0
1.42	BLEACHED SULPHITE PULP											0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0
1.43	UNBLEACHED SULPHATE PULP											0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											0	0
2.1	PULP OF STRAW											0	0
2.2	PULP OF BAGASSE											0	0
2.3	PULP OF BAMBOO											0	0
2.4	PULP OF OTHER FIBRE											0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0

1983 1984 1985 1986 1987 1988													

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR													

4	PAPER AND PAPERBOARD											14	14
4.1	NEWSPRINT											0	0
4.2	OTHER PRINTING AND WRITING PAPER											5	5
4.21	COATED PRINTING AND WRITING PAPER											0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER											0	0
4.22	UNCOATED PRINTING AND WRITING PAPER											5	5
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											5	5
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											0	0
4.3	OTHER PAPER AND PAPERBOARD											9	9
4.31	HOUSEHOLD AND SANITARY PAPER											4	4
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											5	5
4.321	LINERBOARD											0	0
4.3211	KRAFT LINER											0	0
4.32111	UNBLEACHED KRAFT LINER											0	0
4.32112	BLEACHED KRAFT LINER											0	0
4.3212	OTHER LINERBOARD											0	0
4.322	FLUTING MEDIUM											5	5
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0
4.3222	OTHER FLUTING MEDIUM											5	5
4.323	KRAFT WRAPPING AND PACKAGING											0	0
4.3231	SACK KRAFT											0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											0	0
4.324	FOLDING BOXBOARD											0	0
4.3241	PULP BASED FOLDING BOXBOARD											0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											0	0
4.3251	OTHER WRAPPING PAPER											0	0
4.3252	OTHER PACKAGING PAPERBOARD											0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0
4.331	OTHER PAPER N.E.S.											0	0
4.332	OTHER PAPERBOARD N.E.S.											0	0

JAMAICA

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD											
1.1	0	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL PULP											
1.111	0	0	0	0	0	0	0	0	0	0	0	0
1.112	MECHANICAL NON-CONIFEROUS PULP											
1.12	0	0	0	0	0	0	0	0	0	0	0	0
1.121	MECHANICAL CONIFEROUS PULP											
1.2	0	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL PULP											
1.211	0	0	0	0	0	0	0	0	0	0	0	0
1.212	THERMO-MECHANICAL NON-CONIFEROUS PULP											
1.22	0	0	0	0	0	0	0	0	0	0	0	0
1.221	THERMO-MECHANICAL CONIFEROUS PULP											
1.3	0	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL PULP											
1.311	0	0	0	0	0	0	0	0	0	0	0	0
1.312	SEMI-CHEMICAL NON-CONIFEROUS PULP											
1.32	0	0	0	0	0	0	0	0	0	0	0	0
1.321	SEMI-CHEMICAL CONIFEROUS PULP											
1.4	0	0	0	0	0	0	0	0	0	0	0	0
1.41	CHEMICAL PULP TOTAL											
1.411	0	0	0	0	0	0	0	0	0	0	0	0
1.4111	UNBLEACHED SULPHITE PULP											
1.41111	0	0	0	0	0	0	0	0	0	0	0	0
1.41112	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											
1.4112	0	0	0	0	0	0	0	0	0	0	0	0
1.41121	UNBLEACHED CONIFEROUS SULPHITE PULP											
1.42	0	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED SULPHITE PULP											
1.4211	0	0	0	0	0	0	0	0	0	0	0	0
1.42111	BLEACHED NON-CONIFEROUS SULPHITE PULP											
1.4212	0	0	0	0	0	0	0	0	0	0	0	0
1.42121	BLEACHED CONIFEROUS SULPHITE PULP											
1.43	0	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED SULPHATE PULP											
1.4311	0	0	0	0	0	0	0	0	0	0	0	0
1.43111	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											
1.432	0	0	0	0	0	0	0	0	0	0	0	0
1.4321	UNBLEACHED CONIFEROUS SULPHATE PULP											
1.44	0	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED SULPHATE+SODA PULP											
1.4411	0	0	0	0	0	0	0	0	0	0	0	0
1.44111	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											
1.442	0	0	0	0	0	0	0	0	0	0	0	0
1.4421	BLEACHED CONIFEROUS SULPHATE+SODA PULP											
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											
2.1	0	0	0	0	0	0	0	0	0	0	0	0
2.11	PULP OF STRAW											
2.2	0	0	0	0	0	0	0	0	0	0	0	0
2.21	PULP OF BAGASSE											
2.3	0	0	0	0	0	0	0	0	0	0	0	0
2.31	PULP OF BAMBOO											
2.4	0	0	0	0	0	0	0	0	0	0	0	0
2.41	PULP OF OTHER FIBRE											
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											
3.1	0	0	0	0	0	0	0	0	0	0	0	0
3.11	NON-CONIFEROUS DISSOLVING PULP											
3.2	0	0	0	0	0	0	0	0	0	0	0	0
3.21	CONIFEROUS DISSOLVING PULP											
4	PAPER AND PAPERBOARD											
4.1	18	18	18	18	22	23	24	24	24	24	24	24
4.11	NEWSPRINT											
4.2	0	0	0	0	0	0	0	0	0	0	0	0
4.21	OTHER PRINTING AND WRITING PAPER											
4.211	0	0	0	0	0	0	0	0	0	0	0	0
4.2111	COATED PRINTING AND WRITING PAPER											
4.21111	0	0	0	0	0	0	0	0	0	0	0	0
4.21112	COATED WOOD CONTAINING PRINT&WRITING PAPER											
4.212	0	0	0	0	0	0	0	0	0	0	0	0
4.2121	COATED WOODFREE PRINTING & WRITING PAPER											
4.22	0	0	0	0	0	0	0	0	0	0	0	0
4.221	UNCOATED PRINTING AND WRITING PAPER											
4.2211	0	0	0	0	0	0	0	0	0	0	0	0
4.22111	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											
4.222	0	0	0	0	0	0	0	0	0	0	0	0
4.2221	UNCOATED WOODFREE PRINTING & WRIT PAPER											
4.3	18	18	18	18	22	23	24	24	24	24	24	24
4.31	OTHER PAPER AND PAPERBOARD											
4.311	6	6	6	6	10	11	12	12	12	12	12	12
4.3111	HOUSEHOLD AND SANITARY PAPER											
4.32	12	12	12	12	12	12	12	12	12	12	12	12
4.321	WRAPPING AND PACKAGING PAPER AND BOARD											
4.3211	0	0	0	0	0	0	0	0	0	0	0	0
4.32111	LINERBOARD											
4.321111	0	0	0	0	0	0	0	0	0	0	0	0
4.321112	KRAFT LINER											
4.32112	0	0	0	0	0	0	0	0	0	0	0	0
4.3212	UNBLEACHED KRAFT LINER											
4.322	0	0	0	0	0	0	0	0	0	0	0	0
4.3221	OTHER LINERBOARD											
4.32211	0	0	0	0	0	0	0	0	0	0	0	0
4.32212	FLUTING MEDIUM											
4.3222	0	0	0	0	0	0	0	0	0	0	0	0
4.32221	SEMI-CHEMICAL FLUTING MEDIUM											
4.32222	0	0	0	0	0	0	0	0	0	0	0	0
4.32223	OTHER FLUTING MEDIUM											
4.323	0	0	0	0	0	0	0	0	0	0	0	0
4.3231	KRAFT WRAPPING AND PACKAGING											
4.32311	0	0	0	0	0	0	0	0	0	0	0	0
4.32312	SACK KRAFT											
4.3232	0	0	0	0	0	0	0	0	0	0	0	0
4.32321	OTHER KRAFT WRAPPING AND PACKAGING											
4.324	12	12	12	12	12	12	12	12	12	12	12	12
4.3241	FOLDING BOXBOARD											
4.32411	-	-	-	-	-	-	-	-	-	-	-	-
4.324111	PULP BASED FOLDING BOXBOARD											
4.324112	-	-	-	-	-	-	-	-	-	-	-	-
4.32412	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											
4.3242	-	-	-	-	-	-	-	-	-	-	-	-
4.32421	OTHER PULP BASED FOLDING BOXBOARD											
4.325	-	-	-	-	-	-	-	-	-	-	-	-
4.3251	WASTE PAPER BASED FOLDING BOXBOARD											
4.3252	-	-	-	-	-	-	-	-	-	-	-	-
4.32521	OTHER WRAPPING AND PACKAGING N.E.S.											
4.32522	-	-	-	-	-	-	-	-	-	-	-	-
4.32523	OTHER WRAPPING PAPER											
4.32524	-	-	-	-	-	-	-	-	-	-	-	-
4.32525	OTHER PACKAGING PAPERBOARD											
4.33	0	0	0	0	0	0	0	0	0	0	0	0
4.331	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											
4.3311	0	0	0	0	0	0	0	0	0	0	0	0
4.33111	OTHER PAPER N.E.S.											
4.332	0	0	0	0	0	0	0	0	0	0	0	0
4.3321	OTHER PAPERBOARD N.E.S.											

MEXICO

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL	
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	620	0	622	0	656	0	731	0	761	761
1.1	MECHANICAL PULP	79	0	79	0	109	0	169	0	199	199
1.11	MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	541	0	543	0	547	0	562	0	562	562
1.41	UNBLEACHED SULPHITE PULP	20	0	20	0	20	0	20	0	20	20
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	220	0	222	0	225	0	239	0	239	239
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	220	0	222	0	225	0	239	0	239	239
1.44	BLEACHED SULPHATE+SODA PULP	301	0	301	0	302	0	303	0	303	303
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	301	0	301	0	302	0	303	0	303	303
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	349	0	384	0	422	0	422	0	442	457
2.1	PULP OF STRAW	5	0	5	0	3	0	3	0	3	3
2.2	PULP OF BAGASSE	338	0	373	0	413	0	413	0	433	448
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	6	0	6	0	6	0	6	0	6	6
3	DISSOLVING PULP,WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	2527	2760	2967	3194	3415	3464
4.1	NEWSPRINT	201	241	316	366	391	391
4.2	OTHER PRINTING AND WRITING PAPER	489	565	595	595	595	595
4.21	COATED PRINTING AND WRITING PAPER	-	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	1837	1954	2056	2233	2429	2478
4.31	HOUSEHOLD AND SANITARY PAPER	263	314	320	390	415	415
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1500	1559	1645	1749	1920	1969
4.321	LINERBOARD	897	902	944	1013	1075	1099
4.3211	KRAFT LINER	-	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	331	354	376	381	473	498
4.3231	SACK KRAFT	-	-	-	-	-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-	-
4.324	FOLDING BOXBOARD	272	303	325	355	372	372
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	74	81	91	94	94	94
4.331	OTHER PAPER N.E.S.	74	81	91	94	94	94
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

UNITED STATES

PROCESS	1983		1984		1985		1986		1987		1988
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD										
1.1	50073	5098	50807	5146	51845	5619	52336	5770	52814	52814	
1.1.1	3935	13	3949	13	3957	13	3961	13	3961	3961	
1.1.11	197	13	197	13	198	13	198	13	198	198	
1.1.2	3738	0	3752	0	3759	0	3763	0	3763	3763	
1.2	1987	0	2167	0	2173	0	2232	0	2273	2273	
1.2.1	99	0	108	0	109	0	112	0	114	114	
1.2.2	1888	0	2059	0	2064	0	2120	0	2159	2159	
1.3	4161	0	4202	0	4213	0	4226	0	4235	4235	
1.3.1	4161	0	4202	0	4213	0	4226	0	4235	4235	
1.3.2	0	0	0	0	0	0	0	0	0	0	
1.4	39990	5085	40489	5133	41502	5606	41917	5757	42345	42345	
1.4.1	363	0	316	0	311	0	311	0	311	311	
1.4.11	0	0	0	0	0	0	0	0	0	0	
1.4.12	363	0	316	0	311	0	311	0	311	311	
1.4.2	1218	251	1242	251	1256	251	1256	251	1256	1256	
1.4.21	353	-	360	-	364	-	364	-	364	364	
1.4.22	865	-	882	-	892	-	892	-	892	892	
1.4.3	19262	130	19253	130	19429	130	19479	130	19519	19519	
1.4.31	963	-	963	-	971	-	974	-	976	976	
1.4.32	18299	-	18290	-	18458	-	18505	-	18543	18543	
1.4.4	19147	4704	19678	4752	20506	5225	20871	5376	21259	21259	
1.4.41	8053	1812	8302	1824	8702	1960	8933	2006	9217	9217	
1.4.42	11094	2892	11376	2928	11804	3265	11938	3370	12042	12042	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD										
2.1	344	-	362	-	376	-	381	-	381	381	
2.2	-	-	-	-	-	-	-	-	-	-	
2.3	-	-	-	-	-	-	-	-	-	-	
2.4	-	-	-	-	-	-	-	-	-	-	
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS										
3.1	1455	1446	1455	1446	1455	1446	1455	1446	1455	1455	
3.1	509	506	509	506	509	506	509	506	509	509	
3.2	946	940	946	940	946	940	946	940	946	946	

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	65521	66566	67556	68492	68896	68896
4.1	5215	5377	5401	5424	5428	5428
4.2	16230	16772	17344	17635	17863	17863
4.2.1	5311	5520	5640	5726	5763	5763
4.2.11	3132	3264	3327	3355	3358	3358
4.2.12	2179	2256	2313	2371	2405	2405
4.2.2	10919	11252	11704	11909	12100	12100
4.2.21	1490	1471	1471	1471	1471	1471
4.2.22	9429	9781	10233	10438	10629	10629
4.3	44076	44417	44811	45433	45605	45605
4.3.1	4701	4750	4873	5030	5030	5030
4.3.2	35830	36103	36365	36822	36990	36990
4.3.21	15267	15422	15638	16036	16143	16143
4.3.211	14851	15006	15222	15524	15568	15568
4.3.2111	14757	14905	15123	15425	15469	15469
4.3.2112	94	101	99	99	99	99
4.3.212	416	416	416	512	575	575
4.3.22	6089	6169	6190	6204	6207	6207
4.3.221	4678	4734	4754	4766	4769	4769
4.3.222	1411	1435	1436	1438	1438	1438
4.3.23	4638	4565	4517	4503	4500	4500
4.3.231	928	913	904	901	900	900
4.3.232	3710	3652	3613	3602	3600	3600
4.3.24	6776	6868	6926	6979	7037	7037
4.3.241	4344	4400	4440	4481	4535	4535
4.3.2411	3624	3680	3720	3761	3815	3815
4.3.2412	720	720	720	720	720	720
4.3.242	2432	2468	2486	2498	2502	2502
4.3.25	3060	3079	3094	3100	3103	3103
4.3.251	0	0	0	0	0	0
4.3.252	3060	3079	3094	3100	3103	3103
4.33	3545	3564	3573	3581	3585	3585
4.331	1159	1171	1178	1185	1188	1188
4.332	2386	2393	2395	2396	2397	2397

ARGENTINA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	590	135	624	151	818	305	834	215	868	868
1.11	50	5	50	5	50	5	50	5	50	50
1.12	50	5	50	5	50	5	50	5	50	50
1.2	0	0	0	0	0	0	0	0	0	0
1.21	0	0	0	0	0	0	0	0	0	0
1.22	0	0	0	0	0	0	0	0	0	0
1.3	200	10	200	10	240	10	240	10	240	240
1.31	200	10	200	10	240	10	240	10	240	240
1.32	0	0	0	0	0	0	0	0	0	0
1.4	340	120	374	136	528	290	544	200	578	578
1.41	0	0	0	0	0	0	0	0	0	0
1.411	0	0	0	0	0	0	0	0	0	0
1.412	0	0	0	0	0	0	0	0	0	0
1.42	40	0	40	0	40	0	40	0	40	40
1.421	10	0	10	0	10	0	10	0	10	10
1.422	30	0	30	0	30	0	30	0	30	30
1.43	120	0	138	0	258	120	274	30	308	308
1.431	15	0	15	0	15	0	15	0	15	15
1.432	105	0	123	0	243	120	259	30	293	293
1.44	180	120	196	136	230	170	230	170	230	230
1.441	60	0	60	0	60	0	60	0	60	60
1.442	120	120	136	136	170	170	170	170	170	170
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	0	0	0	0	0	0	0	0	0	0
2.2	110	0	115	0	135	0	135	0	135	135
2.3	0	0	0	0	0	0	0	0	0	0
2.4	5	0	5	0	5	0	5	0	5	5
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	14	0	14	0	14	0	14	0	14	14
3.2	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	1080	1118	1178	1273	1288	1314
4.11	190	205	225	225	225	225
4.2	225	230	260	260	260	260
4.21	45	50	50	50	50	50
4.211	35	35	35	35	35	35
4.212	10	15	15	15	15	15
4.22	180	180	210	210	210	210
4.221	15	15	35	35	35	35
4.222	165	165	175	175	175	175
4.3	665	683	693	788	803	829
4.31	65	65	65	65	65	65
4.32	545	563	573	668	683	709
4.321	180	149	149	194	199	212
4.3211	45	54	54	99	104	117
4.32111	40	49	49	94	99	112
4.32112	5	5	5	5	5	5
4.3212	95	95	95	95	95	95
4.322	120	120	130	130	130	130
4.3221	40	40	50	50	50	50
4.3222	80	80	80	80	80	80
4.323	125	134	134	184	194	207
4.3231	90	99	99	149	159	172
4.3232	35	35	35	35	35	35
4.324	50	50	50	50	50	50
4.3241	35	35	35	35	35	35
4.32411	25	25	25	25	25	25
4.32412	10	10	10	10	10	10
4.3242	15	15	15	15	15	15
4.325	110	110	110	110	110	110
4.3251	60	60	60	60	60	60
4.3252	50	50	50	50	50	50
4.33	55	55	55	55	55	55
4.331	30	30	30	30	30	30
4.332	25	25	25	25	25	25

BOLIVIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	1	0	1	0	1	0	1	0	1	1
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	1	0	1	0	1	0	1	0	1	1
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	1	1	1	1	1	1
4.1 NEWSPRINT	0	0	0	0	0	0
4.2 OTHER PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.21 COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22 UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0	0
4.3 OTHER PAPER AND PAPERBOARD	1	1	1	1	1	1
4.31 HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	1	1	1	1	1	1
4.321 LINERBOARD	0	0	0	0	0	0
4.3211 KRAFT LINER	0	0	0	0	0	0
4.32111 UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	0	0	0	0	0	0
4.322 FLUTING MEDIUM	0	0	0	0	0	0
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323 KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231 SACK KRAFT	0	0	0	0	0	0
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324 FOLDING BOXBOARD	0	0	0	0	0	0
4.3241 PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	1	1	1	1	1	1
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	1	1	1	1	1	1
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331 OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

BRAZIL

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL	
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	3491	1548	3577	1577	3746	1632	3900	1704	4140	4270
1.1	MECHANICAL PULP	289	64	299	65	337	69	348	69	352	352
1.11	MECHANICAL NON-CONIFEROUS PULP	20	0	20	0	20	0	20	0	20	20
1.12	MECHANICAL CONIFEROUS PULP	269	64	279	65	317	69	328	69	332	332
1.2	THERMO-MECHANICAL PULP	43	10	55	10	128	15	147	20	157	157
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	43	10	55	10	128	15	147	20	157	157
1.3	SEMI-CHEMICAL PULP	150	7	150	7	150	7	150	7	150	150
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	99	0	99	0	99	0	99	0	99	99
1.32	SEMI-CHEMICAL CONIFEROUS PULP	51	7	51	7	51	7	51	7	51	51
1.4	CHEMICAL PULP TOTAL	3009	1467	3073	1495	3131	1541	3255	1608	3481	3611
1.41	UNBLEACHED SULPHITE PULP	25	7	17	5	17	5	17	5	17	17
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	4	2	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	21	5	17	5	17	5	17	5	17	17
1.42	BLEACHED SULPHITE PULP	33	27	21	21	21	21	21	21	21	21
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	6	4	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	27	23	21	21	21	21	21	21	21	21
1.43	UNBLEACHED SULPHATE PULP	783	71	823	74	872	84	942	94	987	1039
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	128	34	129	34	129	34	129	34	129	129
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	655	37	694	40	743	50	813	60	858	910
1.44	BLEACHED SULPHATE+SODA PULP	2168	1362	2212	1395	2221	1431	2275	1488	2456	2534
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2006	1267	2050	1300	2059	1336	2065	1345	2208	2273
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	162	95	162	95	162	95	210	143	248	261
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	363	71	400	71	426	71	435	71	437	437
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	142	0	142	0	157	0	161	0	163	163
2.3	PULP OF BAMBOO	84	0	102	0	108	0	110	0	110	110
2.4	PULP OF OTHER FIBRE	137	71	156	71	161	71	164	71	164	164
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	42	10	62	30	62	30	62	30	62	62
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	20	20	20	20	20	20	20	20
3.2	CONIFEROUS DISSOLVING PULP	42	10	42	10	42	10	42	10	42	42

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	3951	4196	4507	4740	4849	4912			
4.1	NEWSPRINT	127	172	254	332	360	368			
4.2	OTHER PRINTING AND WRITING PAPER	943	947	1031	1104	1130	1137			
4.21	COATED PRINTING AND WRITING PAPER	78	78	78	78	78	78			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER	78	78	78	78	78	78			
4.22	UNCOATED PRINTING AND WRITING PAPER	865	869	953	1026	1052	1059			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	865	869	953	1026	1052	1059			
4.3	OTHER PAPER AND PAPERBOARD	2881	3077	3222	3304	3359	3407			
4.31	HOUSEHOLD AND SANITARY PAPER	301	307	315	317	317	317			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2324	2514	2629	2703	2754	2802			
4.321	LINERBOARD	522	591	623	637	656	678			
4.3211	KRAFT LINER	356	393	413	421	440	462			
4.32111	UNBLEACHED KRAFT LINER	356	393	413	421	440	462			
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0			
4.3212	OTHER LINERBOARD	166	198	210	216	216	216			
4.322	FLUTING MEDIUM	515	553	573	584	585	585			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	85	85	85	85	85	85			
4.3222	OTHER FLUTING MEDIUM	430	468	488	499	500	500			
4.323	KRAFT WRAPPING AND PACKAGING	599	661	706	749	778	804			
4.3231	SACK KRAFT	365	411	424	432	451	474			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	234	250	282	317	327	330			
4.324	FOLDING BOXBOARD	410	429	447	453	455	455			
4.3241	PULP BASED FOLDING BOXBOARD	125	125	125	125	125	125			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	17	17	17	17	17	17			
4.32412	OTHER PULP BASED FOLDING BOXBOARD	108	108	108	108	108	108			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	285	304	322	328	330	330			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	278	280	280	280	280	280			
4.3251	OTHER WRAPPING PAPER	278	280	280	280	280	280			
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	256	256	278	284	288	288			
4.331	OTHER PAPER N.E.S.	161	161	183	189	193	193			
4.332	OTHER PAPERBOARD N.E.S.	95	95	95	95	95	95			

CHILE

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	851	507	844	492	878	525	938	570	945	952
1.11	187	0	187	0	187	0	187	0	187	187
1.12	0	0	0	0	0	0	0	0	0	0
1.2	187	0	187	0	187	0	187	0	187	187
1.21	0	0	0	0	0	0	0	0	0	0
1.22	0	0	0	0	0	0	0	0	0	0
1.3	0	0	0	0	23	0	26	0	26	32
1.31	0	0	0	0	23	0	26	0	26	32
1.32	0	0	0	0	0	0	0	0	0	0
1.4	664	507	657	492	668	525	725	570	732	733
1.41	22	0	22	0	0	0	0	0	0	0
1.411	0	0	0	0	0	0	0	0	0	0
1.412	22	0	22	0	0	0	0	0	0	0
1.42	0	0	0	0	0	0	0	0	0	0
1.421	0	0	0	0	0	0	0	0	0	0
1.422	0	0	0	0	0	0	0	0	0	0
1.43	290	241	285	228	285	230	283	230	283	283
1.431	2	0	3	0	3	0	3	0	3	3
1.432	288	241	282	228	282	230	280	230	280	280
1.44	352	266	350	264	383	295	442	340	449	450
1.441	32	0	28	0	30	0	42	0	45	46
1.442	320	266	322	264	353	295	400	340	404	404
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	0	0	0	0	0	0	0	0	0	0
2.2	0	0	0	0	0	0	0	0	0	0
2.3	0	0	0	0	0	0	0	0	0	0
2.4	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	0	0	0	0	0	0	0	0	0	0
3.2	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	433	436	487	513	521	529
4.2	180	180	180	180	180	180
4.21	72	75	93	98	100	103
4.211	9	9	9	9	9	9
4.212	0	0	0	0	0	0
4.22	9	9	9	9	9	9
4.221	63	66	84	89	91	94
4.222	12	12	12	12	12	12
4.2222	51	54	72	77	79	82
4.3	181	181	214	235	241	246
4.31	50	50	50	50	50	50
4.32	127	127	160	181	187	192
4.321	25	25	47	55	58	62
4.3211	25	25	47	55	58	62
4.32111	25	25	47	55	58	62
4.32112	0	0	0	0	0	0
4.3212	0	0	0	0	0	0
4.322	22	22	27	38	40	40
4.3221	0	0	5	20	21	23
4.3222	22	22	22	18	19	17
4.323	38	38	38	38	38	38
4.3231	25	25	25	25	25	25
4.3232	13	13	13	13	13	13
4.324	34	34	40	42	43	44
4.3241	3	3	9	11	12	13
4.32411	3	3	3	3	3	3
4.32412	0	0	6	8	9	10
4.3242	31	31	31	31	31	31
4.325	8	8	8	8	8	8
4.3251	5	5	5	5	5	5
4.3252	3	3	3	3	3	3
4.33	4	4	4	4	4	4
4.331	2	2	2	2	2	2
4.332	2	2	2	2	2	2

PAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

COLOMBIA

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP
	1000 METRIC TONS (AIP DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	153	0	163	0	163	0	163	0	163	0	163
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	34	0	34	0	34	0	34	0	34	0	34
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	30	0	30	0	30	0	30	0	30	0	30
1.32	SEMI-CHEMICAL CONIFEROUS PULP	4	0	4	0	4	0	4	0	4	0	4
1.4	CHEMICAL PULP TOTAL	119	0	129	0	129	0	129	0	129	0	129
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	99	0	79	0	79	0	79	0	79	0	79
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	70	0	45	0	20	0	20	0	20	0	20
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	29	0	34	0	59	0	59	0	59	0	59
1.44	BLEACHED SULPHATE+SODA PULP	20	0	50	0	50	0	50	0	50	0	50
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	20	0	20	0	20	0	20	0	20	0	20
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	30	0	30	0	30	0	30	0	30
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	96	0	115	0	156	0	166	0	170	0	170
2.1	PULP OF STRAW	2	0	2	0	2	0	2	0	2	0	2
2.2	PULP OF BAGASSE	92	0	111	0	152	0	162	0	166	0	166
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	2	0	2	0	2	0	2	0	2	0	2
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												

4	PAPER AND PAPERBOARD			530	571	631	656	665	665			
4.1	NEWSPRINT			0	0	0	0	0	0			
4.2	OTHER PRINTING AND WRITING PAPER			105	135	181	195	201	201			
4.21	COATED PRINTING AND WRITING PAPER			15	15	15	20	20	20			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER			15	15	15	20	20	20			
4.22	UNCOATED PRINTING AND WRITING PAPER			90	120	166	175	181	181			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			0	0	0	0	0	0			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			90	120	166	175	181	181			
4.3	OTHER PAPER AND PAPERBOARD			425	436	450	461	464	464			
4.31	HOUSEHOLD AND SANITARY PAPER			66	69	80	91	91	91			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			330	338	341	341	344	344			
4.321	LINERBOARD			110	111	114	114	116	116			
4.3211	KRAFT LINER			90	92	92	92	92	92			
4.32111	UNBLEACHED KRAFT LINER			80	77	77	77	77	77			
4.32112	BLEACHED KRAFT LINER			10	15	15	15	15	15			
4.3212	OTHER LINERBOARD			20	19	22	22	24	24			
4.322	FLUTING MEDIUM			59	71	71	71	72	72			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			49	60	60	60	61	61			
4.3222	OTHER FLUTING MEDIUM			10	11	11	11	11	11			
4.323	KRAFT WRAPPING AND PACKAGING			59	54	54	54	54	54			
4.3231	SACK KRAFT			51	46	46	46	46	46			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			8	8	8	8	8	8			
4.324	FOLDING BOXBOARD			70	70	70	70	70	70			
4.3241	PULP BASED FOLDING BOXBOARD			6	6	6	6	6	6			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0			
4.32412	OTHER PULP BASED FOLDING BOXBOARD			6	6	6	6	6	6			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			64	64	64	64	64	64			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			32	32	32	32	32	32			
4.3251	OTHER WRAPPING PAPER			20	20	20	20	20	20			
4.3252	OTHER PACKAGING PAPERBOARD			12	12	12	12	12	12			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			29	29	29	29	29	29			
4.331	OTHER PAPER N.E.S.			6	6	6	6	6	6			
4.332	OTHER PAPERBOARD N.E.S.			23	23	23	23	23	23			

EQUADOR

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	6	0	6	0	6	0	6	0	6	6
1.1	MECHANICAL PULP	6	0	6	0	6	0	6	0	6	6
1.11	MECHANICAL NON-CONIFEROUS PULP	6	0	6	0	6	0	6	0	6	6
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	15	0	15	0	15	0	15	0	15	15
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	15	0	15	0	15	0	15	0	15	15
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	60	60	60	60	60
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	10	10	10	10	10
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	10	10	10	10	10
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	10	10	10	10	10
4.3	OTHER PAPER AND PAPERBOARD	50	50	50	50	50
4.31	HOUSEHOLD AND SANITARY PAPER	18	18	18	18	18
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	32	32	32	32	32
4.321	LINERBOARD	2	2	2	2	2
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	2	2	2	2	2
4.322	FLUTING MEDIUM	2	2	2	2	2
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	2	2	2	2	2
4.323	KRAFT WRAPPING AND PACKAGING	20	20	20	20	20
4.3231	SACK KRAFT	13	13	13	13	13
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	7	7	7	7	7
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	8	8	8	8	8
4.3251	OTHER WRAPPING PAPER	8	8	8	8	8
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

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PROCESS	1983		1984		1985		1986		1987		1988		
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		
	1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD											15	15
1.1	MECHANICAL PULP											0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0
1.2	THERMO-MECHANICAL PULP											0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0
1.3	SEMI-CHEMICAL PULP											0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0
1.4	CHEMICAL PULP TOTAL											15	15
1.41	UNBLEACHED SULPHITE PULP											0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0
1.42	BLEACHED SULPHITE PULP											0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0
1.43	UNBLEACHED SULPHATE PULP											0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0
1.44	BLEACHED SULPHATE+SODA PULP											15	15
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											15	15
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											296	308
2.1	PULP OF STRAW											0	0
2.2	PULP OF BAGASSE											296	308
2.3	PULP OF BAMBOO											0	0
2.4	PULP OF OTHER FIBRE											0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
	1983	1984	1985	1986	1987	1988		
4	PAPER AND PAPERBOARD						427	430
4.1	NEWSPRINT						110	113
4.2	OTHER PRINTING AND WRITING PAPER						88	88
4.21	COATED PRINTING AND WRITING PAPER						4	4
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER						-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER						-	-
4.22	UNCOATED PRINTING AND WRITING PAPER						84	84
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER						-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER						-	-
4.3	OTHER PAPER AND PAPERBOARD						229	229
4.31	HOUSEHOLD AND SANITARY PAPER						52	52
4.32	WRAPPING AND PACKAGING PAPER AND BOARD						177	177
4.321	LINERBOARD						38	38
4.3211	KRAFT LINER						-	-
4.32111	UNBLEACHED KRAFT LINER						-	-
4.32112	BLEACHED KRAFT LINER						-	-
4.3212	OTHER LINERBOARD						-	-
4.322	FLUTING MEDIUM						51	51
4.3221	SEMI-CHEMICAL FLUTING MEDIUM						-	-
4.3222	OTHER FLUTING MEDIUM						-	-
4.323	KRAFT WRAPPING AND PACKAGING						68	68
4.3231	SACK KRAFT						-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING						-	-
4.324	FOLDING BOXBOARD						20	20
4.3241	PULP BASED FOLDING BOXBOARD						-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD						-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD						-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD						-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.						0	0
4.3251	OTHER WRAPPING PAPER						0	0
4.3252	OTHER PACKAGING PAPERBOARD						0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL						0	0
4.331	OTHER PAPER N.E.S.						0	0
4.332	OTHER PAPERBOARD N.E.S.						0	0

URUGUAY

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY		
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	33	0	33	0	33	0	33	0	33	33	
1.1	MECHANICAL PULP	10	0	10	0	10	0	10	0	10	10	
1.11	MECHANICAL NON-CONIFEROUS PULP	10	0	10	0	10	0	10	0	10	10	
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.3	SEMI-CHEMICAL PULP	5	0	5	0	5	0	5	0	5	5	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-	
1.4	CHEMICAL PULP TOTAL	18	0	18	0	18	0	18	0	18	18	
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.43	UNBLEACHED SULPHATE PULP	3	0	3	0	3	0	3	0	3	3	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	3	0	3	0	3	0	3	0	3	3	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	
1.44	BLEACHED SULPHATE+SODA PULP	15	0	15	0	15	0	15	0	15	15	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	12	0	12	0	12	0	12	0	12	12	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	3	0	3	0	3	0	3	0	3	3	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	90	90	90	90	90
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	30	30	30	30	30
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	30	30	30	30	30
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	5	5	5	5	5
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	25	25	25	25	25
4.3	OTHER PAPER AND PAPERBOARD	60	60	60	60	60
4.31	HOUSEHOLD AND SANITARY PAPER	15	15	15	15	15
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	40	40	40	40	40
4.321	LINERBOARD	8	8	8	8	8
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	8	8	8	8	8
4.322	FLUTING MEDIUM	1	1	1	1	1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	1	1	1	1	1
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	10	10	10	10	10
4.3231	SACK KRAFT	3	3	3	3	3
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	7	7	7	7	7
4.324	FOLDING BOXBOARD	10	10	10	10	10
4.3241	PULP BASED FOLDING BOXBOARD	10	10	10	10	10
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	3	3	3	3	3
4.32412	OTHER PULP BASED FOLDING BOXBOARD	7	7	7	7	7
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	11	11	11	11	11
4.3251	OTHER WRAPPING PAPER	11	11	11	11	11
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	5	5	5	5	5
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

VENEZUELA

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
----- 1000 METRIC TONS (AIR DRY) PER YEAR -----											
1	WOOD PULP FOR PAPER AND PAPERBOARD	35	0	35	0	35	0	35	0	35	35
1.1	MECHANICAL PULP	35	0	35	0	35	0	35	0	35	35
1.11	MECHANICAL NON-CONIFEROUS PULP	35	0	35	0	35	0	35	0	35	35
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	125	0	125	0	125	0	125	0	125	125
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	125	0	125	0	125	0	125	0	125	125
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	726	731	733	741	741
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	88	87	89	89	89
4.21	COATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	638	644	644	652	652
4.31	HOUSEHOLD AND SANITARY PAPER	151	157	157	165	165
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	487	487	487	487	487
4.321	LINERBOARD	145	145	145	145	145
4.3211	KRAFT LINER	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-
4.3212	OTHER LINERBOARD	-	-	-	-	-
4.322	FLUTING MEDIUM	68	68	68	68	68
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	68	68	68	68	68
4.323	KRAFT WRAPPING AND PACKAGING	138	138	138	138	138
4.3231	SACK KRAFT	-	-	-	-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-
4.324	FOLDING BOXBOARD	102	102	102	102	102
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	102	102	102	102	102
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	34	34	34	34	34
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

BURMA

PROCESS	1983		1984		1985		1986		1987		1988										
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP									
	1000 METRIC TONS (AIR DRY) PER YEAR																				
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP											0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL											0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											17	0	18	0	18	0	18	0	18	18
2.1	PULP OF STRAW											0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE											0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO											17	0	18	0	18	0	18	0	18	18
2.4	PULP OF OTHER FIBRE											0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0

PROCESS	1983		1984		1985		1986		1987		1988						
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR																
	4	PAPER AND PAPERBOARD											22	23	23	23	23	23
4.1	NEWSPRINT											0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER											15	15	15	15	15	15
4.21	COATED PRINTING AND WRITING PAPER											0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER											0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER											15	15	15	15	15	15
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											15	15	15	15	15	15
4.3	OTHER PAPER AND PAPERBOARD											7	8	8	8	8	8
4.31	HOUSEHOLD AND SANITARY PAPER											0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											7	8	8	8	8	8
4.321	LINERBOARD											0	0	0	0	0	0
4.3211	KRAFT LINER											0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER											0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER											0	0	0	0	0	0
4.3212	OTHER LINERBOARD											0	0	0	0	0	0
4.322	FLUTING MEDIUM											0	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM											0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING											7	8	8	8	8	8
4.3231	SACK KRAFT											6	7	7	7	7	7
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											1	1	1	1	1	1
4.324	FOLDING BOXBOARD											0	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER											0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD											0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.											0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.											0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

CHINA

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL	OF WHICH	TOTAL	OF WHICH	TOTAL	OF WHICH	TOTAL	OF WHICH	TOTAL	OF WHICH	TOTAL	OF WHICH
	CAPACITY	MARKET PULP	CAPACITY	MARKET PULP	CAPACITY	MARKET PULP	CAPACITY	MARKET PULP	CAPACITY	MARKET PULP	CAPACITY	MARKET PULP
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	1093	-	1125	-	1182	-	1182	-	1182	-	1182
1.1	MECHANICAL PULP	310	-	310	-	332	-	332	-	332	-	332
1.11	MECHANICAL NON-CONIFEROUS PULP	57	-	57	-	57	-	57	-	57	-	57
1.12	MECHANICAL CONIFEROUS PULP	253	-	253	-	275	-	275	-	275	-	275
1.2	THERMO-MECHANICAL PULP	33	-	35	-	50	-	50	-	50	-	50
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	33	-	35	-	50	-	50	-	50	-	50
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	750	-	780	-	800	-	800	-	800	-	800
1.41	UNBLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.42	BLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.422	BLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-	-
1.43	UNBLEACHED SULPHATE PULP	-	-	-	-	-	-	-	-	-	-	-
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-	-
1.44	BLEACHED SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-	-
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	3061	-	3275	-	3448	-	3448	-	3448	-	3448
2.1	PULP OF STRAW	1905	-	2000	-	2100	-	2100	-	2100	-	2100
2.2	PULP OF BAGASSE	200	-	205	-	220	-	220	-	220	-	220
2.3	PULP OF BAMBOO	85	-	90	-	100	-	100	-	100	-	100
2.4	PULP OF OTHER FIBRE	871	-	980	-	1028	-	1028	-	1028	-	1028
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	30	-	30	-	30	-	30	-	30	-	30
3.1	NON-CONIFEROUS DISSOLVING PULP	-	-	-	-	-	-	-	-	-	-	-
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1983	1984	1985	1986	1987	1988	
4	PAPER AND PAPERBOARD	5600	5800	6000	6000	6000	6000
4.1	NEWSPRINT	390	420	460	460	460	460
4.2	OTHER PRINTING AND WRITING PAPER	1800	1850	1890	1890	1890	1890
4.21	COATED PRINTING AND WRITING PAPER	45	65	100	100	100	100
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	1755	1785	1790	1790	1790	1790
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	65	75	90	90	90	90
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1690	1710	1700	1700	1700	1700
4.3	OTHER PAPER AND PAPERBOARD	3410	3530	3650	3650	3650	3650
4.31	HOUSEHOLD AND SANITARY PAPER	260	280	300	300	300	300
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2600	2650	2740	2740	2740	2740
4.321	LINERBOARD	240	260	300	300	300	300
4.3211	KRAFT LINER	50	80	100	100	100	100
4.32111	UNBLEACHED KRAFT LINER	38	68	85	85	85	85
4.32112	BLEACHED KRAFT LINER	12	12	15	15	15	15
4.3212	OTHER LINERBOARD	190	180	200	200	200	200
4.322	FLUTING MEDIUM	560	580	600	600	600	600
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-	-
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-	-
4.323	KRAFT WRAPPING AND PACKAGING	480	490	500	500	500	500
4.3231	SACK KRAFT	320	320	320	320	320	320
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	160	170	180	180	180	180
4.324	FOLDING BOXBOARD	500	500	500	500	500	500
4.3241	PULP BASED FOLDING BOXBOARD	500	500	500	500	500	500
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	820	820	840	840	840	840
4.3251	OTHER WRAPPING PAPER	360	460	480	480	480	480
4.3252	OTHER PACKAGING PAPERBOARD	460	360	360	360	360	360
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	550	600	610	610	610	610
4.331	OTHER PAPER N.E.S.	530	580	590	590	590	590
4.332	OTHER PAPERBOARD N.E.S.	20	20	20	20	20	20

CYPRUS

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	8	14	16	16	16
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	8	14	16	16	16
4.31	HOUSEHOLD AND SANITARY PAPER	2	4	5	5	5
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	6	10	11	11	11
4.321	LINERBOARD	2	3	3	3	3
4.3211	KRAFT LINER	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	4	7	8	8	8
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

HONG KONG

PROCESS	1983		1984		1985		1986		1987		1988		
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	
	1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0
1.1	MECHANICAL PULP											0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0
1.2	THERMO-MECHANICAL PULP											0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0
1.3	SEMI-CHEMICAL PULP											0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0
1.4	CHEMICAL PULP TOTAL											0	0
1.41	UNBLEACHED SULPHITE PULP											0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0
1.42	BLEACHED SULPHITE PULP											0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0
1.43	UNBLEACHED SULPHATE PULP											0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											0	0
2.1	PULP OF STRAW											0	0
2.2	PULP OF BAGASSE											0	0
2.3	PULP OF BAMBOO											0	0
2.4	PULP OF OTHER FIBRE											0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0
4	PAPER AND PAPERBOARD											32	36
4.1	NEWSPRINT											0	0
4.2	OTHER PRINTING AND WRITING PAPER											0	0
4.21	COATED PRINTING AND WRITING PAPER											0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER											0	0
4.22	UNCOATED PRINTING AND WRITING PAPER											0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											0	0
4.3	OTHER PAPER AND PAPERBOARD											32	36
4.31	HOUSEHOLD AND SANITARY PAPER											1	1
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											31	35
4.321	LINERBOARD											0	0
4.3211	KRAFT LINER											0	0
4.32111	UNBLEACHED KRAFT LINER											0	0
4.32112	BLEACHED KRAFT LINER											0	0
4.3212	OTHER LINERBOARD											0	0
4.322	FLUTING MEDIUM											31	35
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0
4.3222	OTHER FLUTING MEDIUM											31	35
4.323	KRAFT WRAPPING AND PACKAGING											0	0
4.3231	SACK KRAFT											0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											0	0
4.324	FOLDING BOXBOARD											0	0
4.3241	PULP BASED FOLDING BOXBOARD											0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											0	0
4.3251	OTHER WRAPPING PAPER											0	0
4.3252	OTHER PACKAGING PAPERBOARD											0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0
4.331	OTHER PAPER N.E.S.											0	0
4.332	OTHER PAPERBOARD N.E.S.											0	0

INDIA

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL	
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	593	66	624	66	664	70	724	70	750	750
1.1	MECHANICAL PULP	75	0	77	0	77	0	77	0	80	80
1.11	MECHANICAL NON-CONIFEROUS PULP	75	0	77	0	77	0	77	0	80	80
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	50	0	50	0	50	0	80	0	80	80
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	50	0	50	0	50	0	80	0	80	80
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	75	0	77	0	77	0	77	0	80	80
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	75	0	77	0	77	0	77	0	80	80
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	393	66	420	66	460	70	490	70	510	510
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	193	30	200	30	210	30	230	30	250	250
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	193	30	200	30	210	30	230	30	250	250
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	200	36	220	36	250	40	260	40	260	260
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	200	36	220	36	250	40	260	40	260	260
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	1640	30	1710	40	1830	40	2040	40	2040	2040
2.1	PULP OF STRAW	320	0	340	0	350	0	400	0	400	400
2.2	PULP OF BAGASSE	30	0	30	0	30	0	90	0	90	90
2.3	PULP OF BAMBOO	1050	30	1100	40	1200	40	1300	40	1300	1300
2.4	PULP OF OTHER FIBRE	240	0	240	0	250	0	250	0	250	250
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	175	30	175	30	200	50	220	50	250	250
3.1	NON-CONIFEROUS DISSOLVING PULP	175	30	175	30	200	50	220	50	250	250
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	1825	1980	1985	1930	2040	2040
4.1	NEWSPRINT	230	350	350	245	300	300
4.2	OTHER PRINTING AND WRITING PAPER	815	820	820	840	840	840
4.21	COATED PRINTING AND WRITING PAPER	40	40	40	40	40	40
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	40	40	40	40	40	40
4.22	UNCOATED PRINTING AND WRITING PAPER	775	780	780	800	800	800
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	775	780	780	800	800	800
4.3	OTHER PAPER AND PAPERBOARD	780	810	815	845	900	900
4.31	HOUSEHOLD AND SANITARY PAPER	10	10	10	10	10	10
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	770	800	805	835	890	890
4.321	LINERBOARD	60	70	70	80	80	80
4.3211	KRAFT LINER	60	70	70	80	80	80
4.32111	UNBLEACHED KRAFT LINER	60	70	70	80	80	80
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	360	370	375	385	410	410
4.3231	SACK KRAFT	10	10	10	10	10	10
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	350	360	365	375	400	400
4.324	FOLDING BOXBOARD	0	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	350	360	360	370	400	400
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	350	360	360	370	400	400
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

IRAN

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	120	0	120	0	225	0	225	0	225	225
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	90	0	90	0	90	90
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	90	0	90	0	90	90
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	120	0	120	0	135	0	135	0	135	135
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	15	0	15	0	15	15
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	15	0	15	0	15	15
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	120	0	120	0	120	0	120	0	120	120
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	120	0	120	0	120	0	120	0	120	120
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	60	0	60	0	60	0	60	0	60	60
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	60	0	60	0	60	0	60	0	60	60
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	289	289	369	369	369
4.1	NEWSPRINT	0	0	20	20	20
4.2	OTHER PRINTING AND WRITING PAPER	90	90	90	90	90
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	90	90	90	90	90
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	90	90	90	90	90
4.3	OTHER PAPER AND PAPERBOARD	199	199	259	259	259
4.31	HOUSEHOLD AND SANITARY PAPER	9	9	9	9	9
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	190	190	250	250	250
4.321	LINERBOARD	60	60	60	60	60
4.3211	KRAFT LINER	60	60	60	60	60
4.32111	UNBLEACHED KRAFT LINER	60	60	60	60	60
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	40	40	80	80	80
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	40	40	80	80	80
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	60	60	60	60	60
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	60	60	60	60	60
4.324	FOLDING BOXBOARD	0	0	20	20	20
4.3241	PULP BASED FOLDING BOXBOARD	0	0	20	20	20
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	20	20	20
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	30	30	30	30	30
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	30	30	30	30	30
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

IRAQ

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY		
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	92	0	101	0	101	0	101	0	101	101	101
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	22	0	27	0	27	0	27	0	27	27	27
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	70	0	74	0	74	0	74	0	74	74	74
3	DISSOLVING PULP, WOOD*OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	122	122	122	122	122
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	41	41	41	41	41
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	41	41	41	41	41
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	81	81	81	81	81
4.31	HOUSEHOLD AND SANITARY PAPER	5	5	5	5	5
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	76	76	76	76	76
4.321	LINERBOARD	15	15	15	15	15
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	15	15	15	15	15
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	30	30	30	30	30
4.3231	SACK KRAFT	-	-	-	-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-
4.324	FOLDING BOXBOARD	28	28	28	28	28
4.3241	PULP BASED FOLDING BOXBOARD	28	28	28	28	28
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	28	28	28	28	28
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	3	3	3	3	3
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	3	3	3	3	3
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

ISRAEL

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	161	162	162	162	162	162
4.1 NEWSPRINT	6	6	6	6	6	6
4.2 OTHER PRINTING AND WRITING PAPER	67	67	67	67	67	67
4.21 COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22 UNCOATED PRINTING AND WRITING PAPER	67	67	67	67	67	67
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	8	8	8	8	8	8
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	59	59	59	59	59	59
4.3 OTHER PAPER AND PAPERBOARD	88	89	89	89	89	89
4.31 HOUSEHOLD AND SANITARY PAPER	29	30	30	30	30	30
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	46	46	46	46	46	46
4.321 LINERBOARD	3	3	3	3	3	3
4.3211 KRAFT LINER	-	-	-	-	-	-
4.32111 UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112 BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212 OTHER LINERBOARD	-	-	-	-	-	-
4.322 FLUTING MEDIUM	27	27	27	27	27	27
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	27	27	27	27	27	27
4.323 KRAFT WRAPPING AND PACKAGING	14	14	14	14	14	14
4.3231 SACK KRAFT	3	3	3	3	3	3
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	11	11	11	11	11	11
4.324 FOLDING BOXBOARD	2	2	2	2	2	2
4.3241 PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	2	2	2	2	2	2
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	13	13	13	13	13	13
4.331 OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332 OTHER PAPERBOARD N.E.S.	13	13	13	13	13	13

PAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

JAPAN

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY		
	1000 METRIC TONS (AIR DRY) PER YEAR											
1 WOOD PULP FOR PAPER AND PAPERBOARD	12006	1058	11909	1058	12089	1058	12158	1058	12158	12158	12158	12158
1.1 MECHANICAL PULP	1551	25	1551	25	1551	25	1551	25	1551	1551	1551	1551
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	1551	25	1551	25	1551	25	1551	25	1551	1551	1551	1551
1.2 THERMO-MECHANICAL PULP	995	0	995	0	995	0	995	0	995	995	995	995
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	995	0	995	0	995	0	995	0	995	995	995	995
1.3 SEMI-CHEMICAL PULP	1478	50	1336	50	1336	50	1336	50	1336	1336	1336	1336
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	1139	50	1030	50	1030	50	1030	50	1030	1030	1030	1030
1.32 SEMI-CHEMICAL CONIFEROUS PULP	339	0	306	0	306	0	306	0	306	306	306	306
1.4 CHEMICAL PULP TOTAL	7982	983	8027	983	8207	983	8276	983	8276	8276	8276	8276
1.41 UNBLEACHED SULPHITE PULP	215	24	215	24	215	24	215	24	215	215	215	215
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	15	0	15	0	15	0	15	0	15	15	15	15
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	200	24	200	24	200	24	200	24	200	200	200	200
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	3186	303	3170	303	3170	303	3170	303	3170	3170	3170	3170
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	796	36	792	36	792	36	792	36	792	792	792	792
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	2390	267	2378	267	2378	267	2378	267	2378	2378	2378	2378
1.44 BLEACHED SULPHATE+SODA PULP	4581	656	4642	656	4822	656	4891	656	4891	4891	4891	4891
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	3802	567	3853	567	4002	567	4060	567	4060	4060	4060	4060
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	779	89	789	89	820	89	831	89	831	831	831	831
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	4	4	4	4	4	4	4	4	4	4	4	4
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	4	4	4	4	4	4	4	4	4	4	4	4
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	449	383	449	383	449	383	449	383	449	449	449	449
3.1 NON-CONIFEROUS DISSOLVING PULP	386	329	386	329	386	329	386	329	386	386	386	386
3.2 CONIFEROUS DISSOLVING PULP	63	54	63	54	63	54	63	54	63	63	63	63

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1983	1984	1985	1986	1987	1988	
4 PAPER AND PAPERBOARD	23198	23790	24189	24363	24602	24908	
4.1 NEWSPRINT	2837	2830	2902	2930	2959	2989	
4.2 OTHER PRINTING AND WRITING PAPER	5957	6126	6236	6195	6180	6226	
4.21 COATED PRINTING AND WRITING PAPER	1856	1910	1970	1978	1981	1985	
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-	
4.212 COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-	
4.22 UNCOATED PRINTING AND WRITING PAPER	4101	4216	4266	4217	4199	4241	
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2057	2148	2158	2118	2095	2116	
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	2044	2068	2108	2099	2104	2125	
4.3 OTHER PAPER AND PAPERBOARD	14404	14834	15051	15238	15463	15693	
4.31 HOUSEHOLD AND SANITARY PAPER	1110	1156	1167	1179	1191	1202	
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	10529	10853	11033	11188	11377	11568	
4.321 LINERBOARD	4380	4467	4556	4647	4741	4835	
4.3211 KRAFT LINER	2016	2056	2097	2139	2182	2225	
4.32111 UNBLEACHED KRAFT LINER	-	-	-	-	-	-	
4.32112 BLEACHED KRAFT LINER	-	-	-	-	-	-	
4.3212 OTHER LINERBOARD	2364	2411	2459	2508	2559	2610	
4.322 FLUTING MEDIUM	2643	2830	2886	2944	3024	3085	
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	1650	1817	1853	1890	1928	1967	
4.3222 OTHER FLUTING MEDIUM	993	1013	1033	1054	1096	1118	
4.323 KRAFT WRAPPING AND PACKAGING	1267	1294	1307	1290	1282	1295	
4.3231 SACK KRAFT	662	630	636	615	602	608	
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	605	664	671	675	680	687	
4.324 FOLDING BOXBOARD	1767	1785	1803	1821	1839	1857	
4.3241 PULP BASED FOLDING BOXBOARD	588	594	600	606	612	618	
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-	
4.32412 OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-	
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	1179	1191	1203	1215	1227	1239	
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	472	477	481	486	491	496	
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0	
4.3252 OTHER PACKAGING PAPERBOARD	472	477	481	486	491	496	
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	2765	2825	2851	2871	2895	2923	
4.331 OTHER PAPER N.E.S.	1488	1535	1548	1555	1566	1581	
4.332 OTHER PAPERBOARD N.E.S.	1277	1290	1303	1316	1329	1342	

JORDAN

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0

3	DISSOLVING PULP,WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	8	8	8	8	8	8
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	8	8	8	8	8	8
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	5	5	5	5	5	5
4.321	LINERBOARD	0	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	4	4	4	4	4	4
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	4	4	4	4	4	4
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324	FOLDING BOXBOARD	1	1	1	1	1	1
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	1	1	1	1	1	1
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	3	3	3	3	3	3
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	3	3	3	3	3	3

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

KAMPUCHEA, DEMOCRATIC

PROCESS	1983		1984		1985		1986		1987		1988										
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP										
	1000 METRIC TONS (AIR DRY) PER YEAR																				
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP											0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL											0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											6	0	6	0	6	0	6	0	6	6
2.1	PULP OF STRAW											5	0	5	0	5	0	5	0	5	5
2.2	PULP OF BAGASSE											0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO											1	0	1	0	1	0	1	0	1	1
2.4	PULP OF OTHER FIBRE											0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0
												1983	1984	1985	1986	1987	1988				
												TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD											5	5	5	5	5	5				
4.1	NEWSPRINT											0	0	0	0	0	0				
4.2	OTHER PRINTING AND WRITING PAPER											3	3	3	3	3	3				
4.21	COATED PRINTING AND WRITING PAPER											0	0	0	0	0	0				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											0	0	0	0	0	0				
4.212	COATED WOODFREE PRINTING & WRITING PAPER											0	0	0	0	0	0				
4.22	UNCOATED PRINTING AND WRITING PAPER											3	3	3	3	3	3				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											0	0	0	0	0	0				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											3	3	3	3	3	3				
4.3	OTHER PAPER AND PAPERBOARD											2	2	2	2	2	2				
4.31	HOUSEHOLD AND SANITARY PAPER											0	0	0	0	0	0				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											2	2	2	2	2	2				
4.321	LINERBOARD											0	0	0	0	0	0				
4.3211	KRAFT LINER											0	0	0	0	0	0				
4.32111	UNBLEACHED KRAFT LINER											0	0	0	0	0	0				
4.32112	BLEACHED KRAFT LINER											0	0	0	0	0	0				
4.3212	OTHER LINERBOARD											0	0	0	0	0	0				
4.322	FLUTING MEDIUM											0	0	0	0	0	0				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0	0	0	0	0				
4.3222	OTHER FLUTING MEDIUM											0	0	0	0	0	0				
4.323	KRAFT WRAPPING AND PACKAGING											0	0	0	0	0	0				
4.3231	SACK KRAFT											0	0	0	0	0	0				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											0	0	0	0	0	0				
4.324	FOLDING BOXBOARD											0	0	0	0	0	0				
4.3241	PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0	0	0	0	0				
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0	0	0	0	0				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											2	2	2	2	2	2				
4.3251	OTHER WRAPPING PAPER											2	2	2	2	2	2				
4.3252	OTHER PACKAGING PAPERBOARD											0	0	0	0	0	0				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0	0	0	0	0				
4.331	OTHER PAPER N.E.S.											0	0	0	0	0	0				
4.332	OTHER PAPERBOARD N.E.S.											0	0	0	0	0	0				

KOREA, DEM. PEOPLE'S REP.

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	56	0	56	0	56	0	56	0	56
1.1	MECHANICAL PULP	13	0	13	0	13	0	13	0	13
1.11	MECHANICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-
1.12	MECHANICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	43	0	43	0	43	0	43	0	43
1.41	UNBLEACHED SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.42	BLEACHED SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.422	BLEACHED CONIFEROUS SULPHITE PULP	-	0	-	0	-	0	-	0	-
1.43	UNBLEACHED SULPHATE PULP	-	0	-	0	-	0	-	0	-
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-
1.44	BLEACHED SULPHATE+SODA PULP	43	0	43	0	43	0	43	0	43
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	50	0	50	0	50	0	50	0	50
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	50	0	50	0	50	0	50	0	50
3	DISSOLVING PULP,WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	140	140	140	140	140
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	30	30	30	30	30
4.21	COATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	110	110	110	110	110
4.31	HOUSEHOLD AND SANITARY PAPER	-	-	-	-	-
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	-	-	-	-	-
4.321	LINERBOARD	-	-	-	-	-
4.3211	KRAFT LINER	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-
4.3212	OTHER LINERBOARD	-	-	-	-	-
4.322	FLUTING MEDIUM	-	-	-	-	-
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-
4.323	KRAFT WRAPPING AND PACKAGING	-	-	-	-	-
4.3231	SACK KRAFT	-	-	-	-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-
4.324	FOLDING BOXBOARD	-	-	-	-	-
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	-	-	-	-	-
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	-	-	-	-	-
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

KOREA, REPUBLIC OF

PROCESS	1983		1984		1985		1986		1987		1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	325	105	362	105	362	105	362	105	362	362
1.1	MECHANICAL PULP	220	0	257	0	257	0	257	0	257	257
1.11	MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	105	105	105	105	105	105	105	105	105	105
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	105	105	105	105	105	105	105	105	105	105
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	2450	2469	2733	2733	2733
4.1	NEWSPRINT	332	332	530	530	530
4.2	OTHER PRINTING AND WRITING PAPER	466	470	470	470	470
4.21	COATED PRINTING AND WRITING PAPER	95	95	95	95	95
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	95	95	95	95	95
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	371	375	375	375	375
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	1652	1667	1733	1733	1733
4.31	HOUSEHOLD AND SANITARY PAPER	57	57	57	57	57
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1401	1416	1482	1482	1482
4.321	LINERBOARD	468	483	483	483	483
4.3211	KRAFT LINER	439	454	454	454	454
4.32111	UNBLEACHED KRAFT LINER	439	454	454	454	454
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	29	29	29	29	29
4.322	FLUTING MEDIUM	227	227	227	227	227
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	227	227	227	227	227
4.323	KRAFT WRAPPING AND PACKAGING	293	293	293	293	293
4.3231	SACK KRAFT	283	283	283	283	283
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	10	10	10	10	10
4.324	FOLDING BOXBOARD	363	363	429	429	429
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	363	363	429	429	429
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	50	50	50	50	50
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	194	194	194	194	194
4.331	OTHER PAPER N.E.S.	194	194	194	194	194
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

LEBANON

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL CITY	OF WHICH MARKET PULP	TOTAL CITY	OF WHICH MARKET PULP	TOTAL CITY	OF WHICH MARKET PULP	TOTAL CITY	OF WHICH MARKET PULP	TOTAL CITY	OF WHICH MARKET PULP	TOTAL CITY	OF WHICH MARKET PULP
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
1983 1984 1985 1986 1987 1988												
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												
4	PAPER AND PAPERBOARD		45	45	45	45	45	45	45			
4.1	NEWSPRINT		0	0	0	0	0	0	0			
4.2	OTHER PRINTING AND WRITING PAPER		0	0	0	0	0	0	0			
4.21	COATED PRINTING AND WRITING PAPER		0	0	0	0	0	0	0			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER		0	0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER		0	0	0	0	0	0	0			
4.22	UNCOATED PRINTING AND WRITING PAPER		0	0	0	0	0	0	0			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER		0	0	0	0	0	0	0			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER		0	0	0	0	0	0	0			
4.3	OTHER PAPER AND PAPERBOARD	45	45	45	45	45	45	45	45			
4.31	HOUSEHOLD AND SANITARY PAPER	2	2	2	2	2	2	2	2			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	43	43	43	43	43	43	43	43			
4.321	LINERBOARD	0	0	0	0	0	0	0	0			
4.3211	KRAFT LINER	0	0	0	0	0	0	0	0			
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0	0	0			
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0	0	0			
4.3212	OTHER LINERBOARD	0	0	0	0	0	0	0	0			
4.322	FLUTING MEDIUM	13	13	13	13	13	13	13	13			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-	-	-	-			
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-	-	-	-			
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0	0	0			
4.3231	SACK KRAFT	0	0	0	0	0	0	0	0			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0	0	0			
4.324	FOLDING BOXBOARD	20	20	20	20	20	20	20	20			
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0	0	0			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0	0	0			
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0	0	0			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	20	20	20	20	20	20	20	20			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	10	10	10	10	10	10	10	10			
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-	-	-	-			
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-	-	-	-			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0	0	0			
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0	0	0			
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0	0	0			

HONGOLIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL
	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	2	0	2	0	2	0	2	0	2
2.1	PULP OF STRAW	-	0	-	0	-	0	-	0	-
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	-	0	-	0	-	0	-	0	-
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	2	2	2	2	2
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	-	-	-	-	-
4.21	COATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	-	-	-	-	-
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	-	-	-	-	-
4.321	LINERBOARD	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	-	-	-	-	-
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	-	-	-	-	-
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

NEPAL

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	4	4	4	16	16
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	-	-	-	-	-
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	-	-	-	-	-
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	-	-	-	-	-
4.321	LINERBOARD	0	0	0	0	0
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	-	-	-	-	-
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	-	-	-	-	-
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

PAKISTAN

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	-	-	-	-	-	-	-	-	30	30
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	-	-	-	-	-	-	-	-	30	30
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	30	30
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	30	30
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	108	0	108	0	132	0	132	0	264	264
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	33	0	33	0	33	0	33	0	99	99
2.3 PULP OF BAMBOO	35	0	35	0	35	0	35	0	95	95
2.4 PULP OF OTHER FIBRE	40	0	40	0	64	0	64	0	70	70
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	110	110	131	131	197	197
4.1 NEWSPRINT	0	0	0	0	0	0
4.2 OTHER PRINTING AND WRITING PAPER	49	49	49	49	115	115
4.21 COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-
4.22 UNCOATED PRINTING AND WRITING PAPER	49	49	49	49	115	115
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	49	49	49	49	115	115
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0	0
4.3 OTHER PAPER AND PAPERBOARD	61	61	82	82	82	82
4.31 HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	60	60	81	81	81	81
4.321 LINERBOARD	5	5	7	7	7	7
4.3211 KRAFT LINER	0	0	0	0	0	0
4.32111 UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	5	5	7	7	7	7
4.322 PLUTING MEDIUM	10	10	14	14	14	14
4.3221 SEMI-CHEMICAL PLUTING MEDIUM	10	10	14	14	14	14
4.3222 OTHER PLUTING MEDIUM	0	0	0	0	0	0
4.323 KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231 SACK KRAFT	0	0	0	0	0	0
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324 FOLDING BOXBOARD	27	27	27	27	27	27
4.3241 PULP BASED FOLDING BOXBOARD	23	23	23	23	23	23
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	23	23	23	23	23	23
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	4	4	4	4	4	4
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	18	18	33	33	33	33
4.3251 OTHER WRAPPING PAPER	10	10	10	10	10	10
4.3252 OTHER PACKAGING PAPERBOARD	8	8	23	23	23	23
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	1	1	1	1	1	1
4.331 OTHER PAPER N.E.S.	1	1	1	1	1	1
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

PHILIPPINES

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	283	0	283	0	283	0	283	0	283	283
1.1	MECHANICAL PULP	46	0	46	0	46	0	46	0	46	46
1.11	MECHANICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.2	THERMO-MECHANICAL PULP	18	0	18	0	18	0	18	0	18	18
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.22	THERMO-MECHANICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	219	0	219	0	219	0	219	0	219	219
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	137	0	137	0	137	0	137	0	137	137
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-	-
1.44	BLEACHED SULPHATE+SODA PULP	82	0	82	0	82	0	82	0	82	82
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	32	0	32	0	32	0	32	0	32	32
2.1	PULP OF STRAW	-	0	-	0	-	0	-	0	-	-
2.2	PULP OF BAGASSE	-	0	-	0	-	0	-	0	-	-
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	-	0	-	0	-	0	-	0	-	-
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	519	519	519	519	519
4.1	NEWSPRINT	107	107	107	107	107
4.2	OTHER PRINTING AND WRITING PAPER	85	85	85	85	85
4.21	COATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	327	327	327	327	327
4.31	HOUSEHOLD AND SANITARY PAPER	24	24	24	24	24
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	247	247	247	247	247
4.321	LINERBOARD	92	92	92	92	92
4.3211	KRAFT LINER	92	92	92	92	92
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	44	44	44	44	44
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	44	44	44	44	44
4.323	KRAFT WRAPPING AND PACKAGING	55	55	55	55	55
4.3231	SACK KRAFT	55	55	55	55	55
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-
4.324	FOLDING BOXBOARD	56	56	56	56	56
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	56	56	56	56	56
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	-	-	-	-	-
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

SINGAPORE

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0

3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	47	47	47	47	47	47
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0	0
4.3	OTHER PAPER AND PAPERBOARD	47	47	47	47	47	47
4.31	HOUSEHOLD AND SANITARY PAPER	5	5	5	5	5	5
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	42	42	42	42	42	42
4.321	LINERBOARD	3	3	3	3	3	3
4.3211	KRAFT LINER	0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	3	3	3	3	3	3
4.322	FLUTING MEDIUM	21	21	21	21	21	21
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	21	21	21	21	21	21
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231	SACK KRAFT	0	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324	FOLDING BOXBOARD	18	18	18	18	18	18
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	18	18	18	18	18	18
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

SRI LANKA

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	7	0	8	8
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	10	0	13	0	16	0	17	0	17	18
2.1	PULP OF STRAW	10	0	13	0	16	0	17	0	17	18
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BANBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	22	9	34	36	38	40
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	-	-	-	-	-	-
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	-	-	-	-	-	-
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	-	-	-	-	-	-
4.321	LINERBOARD	-	-	-	-	-	-
4.3211	KRAFT LINER	-	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212	OTHER LINERBOARD	-	-	-	-	-	-
4.322	FLUTING MEDIUM	-	-	-	-	-	-
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-	-
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-	-
4.323	KRAFT WRAPPING AND PACKAGING	-	-	-	-	-	-
4.3231	SACK KRAFT	-	-	-	-	-	-
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	-	-	-	-	-	-
4.324	FOLDING BOXBOARD	-	-	-	-	-	-
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	-	-	-	-	-	-
4.331	OTHER PAPER N.E.S.	-	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-	-

SYRIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0
1.1 MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	32	0	32	0	32	0	32	0	32	32
2.1 PULP OF STRAW	32	0	32	0	32	0	32	0	32	32
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	60	60	60	60	60	60
4.1 NEWSPRINT	12	12	12	12	12	12
4.2 OTHER PRINTING AND WRITING PAPER	12	12	12	12	12	12
4.21 COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22 UNCOATED PRINTING AND WRITING PAPER	12	12	12	12	12	12
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-	-
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-	-
4.3 OTHER PAPER AND PAPERBOARD	36	36	36	36	36	36
4.31 HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	36	36	36	36	36	36
4.321 LINERBOARD	8	8	8	8	8	8
4.3211 KRAFT LINER	0	0	0	0	0	0
4.32111 UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	8	8	8	8	8	8
4.322 FLUTING MEDIUM	5	5	5	5	5	5
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	5	5	5	5	5	5
4.323 KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231 SACK KRAFT	0	0	0	0	0	0
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324 FOLDING BOXBOARD	0	0	0	0	0	0
4.3241 PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	23	23	23	23	23	23
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	23	23	23	23	23	23
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0
4.331 OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

THAILAND

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY		
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	54	0	69	0	77	0	77	77	77
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	42	0	54	0	60	0	60	60	60
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	42	0	54	0	60	0	60	60	60
1.3	SEMI-CHEMICAL PULP	0	0	12	0	15	0	17	0	17	17	17
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	12	0	15	0	17	0	17	17	17
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	103	87	111	94	110	94	111	94	111	111	111
2.1	PULP OF STRAW	9	0	9	0	9	0	9	0	9	9	9
2.2	PULP OF BAGASSE	29	24	29	24	29	24	29	24	29	29	29
2.3	PULP OF BAMBOO	2	0	3	0	2	0	3	0	3	3	3
2.4	PULP OF OTHER FIBRE	63	63	70	70	70	70	70	70	70	70	70
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												
4	PAPER AND PAPERBOARD			516	526	558	600	600	600			
4.1	NEWSPRINT			0	0	0	0	0	0			
4.2	OTHER PRINTING AND WRITING PAPER			94	94	106	118	118	118			
4.21	COATED PRINTING AND WRITING PAPER			-	-	-	-	-	-			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			-	-	-	-	-	-			
4.212	COATED WOODFREE PRINTING & WRITING PAPER			-	-	-	-	-	-			
4.22	UNCOATED PRINTING AND WRITING PAPER			-	-	-	-	-	-			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			-	-	-	-	-	-			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			-	-	-	-	-	-			
4.3	OTHER PAPER AND PAPERBOARD			422	432	452	482	482	482			
4.31	HOUSEHOLD AND SANITARY PAPER			29	29	35	35	35	35			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			389	399	413	443	443	443			
4.321	LINERBOARD			92	95	95	105	105	105			
4.3211	KRAFT LINER			0	0	0	0	0	0			
4.32111	UNBLEACHED KRAFT LINER			0	0	0	0	0	0			
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0			
4.3212	OTHER LINERBOARD			92	95	95	105	105	105			
4.322	FLUTING MEDIUM			108	112	112	124	124	124			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			0	0	0	0	0	0			
4.3222	OTHER FLUTING MEDIUM			108	112	112	124	124	124			
4.323	KRAFT WRAPPING AND PACKAGING			78	81	81	89	89	89			
4.3231	SACK KRAFT			47	49	49	54	54	54			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			31	32	32	35	35	35			
4.324	FOLDING BOXBOARD			79	79	89	89	89	89			
4.3241	PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0			
4.32412	OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			79	79	89	89	89	89			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			32	32	36	36	36	36			
4.3251	OTHER WRAPPING PAPER			32	32	36	36	36	36			
4.3252	OTHER PACKAGING PAPERBOARD			0	0	0	0	0	0			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			4	4	4	4	4	4			
4.331	OTHER PAPER N.E.S.			4	4	4	4	4	4			
4.332	OTHER PAPERBOARD N.E.S.			0	0	0	0	0	0			

TURKEY

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	461	0	466	0	522	0	522	0	522	522
1.11	126	0	126	0	176	0	176	0	176	176
1.12	0	0	0	0	0	0	0	0	0	0
1.2	126	0	126	0	176	0	176	0	176	176
1.21	80	0	80	0	80	0	80	0	80	80
1.22	0	0	0	0	0	0	0	0	0	0
1.3	80	0	80	0	80	0	80	0	80	80
1.31	28	0	28	0	28	0	28	0	28	28
1.32	28	0	28	0	28	0	28	0	28	28
1.4	0	0	0	0	0	0	0	0	0	0
1.41	227	0	232	0	238	0	238	0	238	238
1.411	24	0	24	0	24	0	24	0	24	24
1.412	0	0	0	0	0	0	0	0	0	0
1.42	24	0	24	0	24	0	24	0	24	24
1.421	20	0	20	0	20	0	20	0	20	20
1.422	0	0	0	0	0	0	0	0	0	0
1.43	20	0	20	0	20	0	20	0	20	20
1.431	113	0	118	0	124	0	124	0	124	124
1.432	0	0	0	0	0	0	0	0	0	0
1.44	113	0	118	0	124	0	124	0	124	124
1.441	70	0	70	0	70	0	70	0	70	70
1.442	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	103	0	103	0	103	0	103	0	103	103
2.2	77	0	77	0	77	0	77	0	77	77
2.3	0	0	0	0	0	0	0	0	0	0
2.4	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP,WOOD*OTHER RAW MATERIALS									
3.1	15	0	15	0	15	0	15	0	15	15
3.2	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	815	821	877	877	877	877
4.2	183	183	233	233	233	233
4.21	104	104	104	104	104	104
4.211	20	20	20	20	20	20
4.212	0	0	0	0	0	0
4.22	20	20	20	20	20	20
4.221	84	84	84	84	84	84
4.222	56	56	56	56	56	56
4.3	28	28	28	28	28	28
4.31	528	534	540	540	540	540
4.32	20	20	20	20	20	20
4.321	503	509	515	515	515	515
4.3211	58	64	70	70	70	70
4.32111	52	58	64	64	64	64
4.32112	0	0	0	0	0	0
4.3212	6	6	6	6	6	6
4.322	121	121	121	121	121	121
4.3221	0	0	0	0	0	0
4.3222	121	121	121	121	121	121
4.323	88	88	88	88	88	88
4.3231	75	75	75	75	75	75
4.3232	13	13	13	13	13	13
4.324	110	110	110	110	110	110
4.3241	0	0	0	0	0	0
4.32411	0	0	0	0	0	0
4.32412	0	0	0	0	0	0
4.3242	110	110	110	110	110	110
4.325	126	126	126	126	126	126
4.3251	21	21	21	21	21	21
4.3252	105	105	105	105	105	105
4.33	5	5	5	5	5	5
4.331	5	5	5	5	5	5
4.332	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

VIET-NAM, SOCIALIST REPUBLIC

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	18	0	21	0	26	0	31	0	44	44
1.1	MECHANICAL PULP	5	0	5	0	5	0	5	0	5	5
1.11	MECHANICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.2	THERMO-MECHANICAL PULP	-	0	-	0	-	0	-	0	12	12
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	-	-
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	-	-
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	13	0	16	0	21	0	26	0	27	27
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	5	0	5	0	5	0	5	0	5	5
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	0	-	0	-	0	-	0	-	-
1.44	BLEACHED SULPHATE+SODA PULP	8	0	11	0	16	0	21	0	22	22
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	0	-	0	-	0	-	0	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	49	0	52	0	57	0	62	0	63	63
2.1	PULP OF STRAW	5	0	5	0	5	0	5	0	5	5
2.2	PULP OF BAGASSE	5	0	5	0	5	0	5	0	5	5
2.3	PULP OF BAMBOO	39	0	42	0	47	0	52	0	53	53
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
	1983	1984	1985	1986	1987	1988					
4	PAPER AND PAPERBOARD	90	93	103	113	137	137				
4.1	NEWSPRINT	10	10	10	10	31	31				
4.2	OTHER PRINTING AND WRITING PAPER	55	57	67	76	79	79				
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0				
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0				
4.22	UNCOATED PRINTING AND WRITING PAPER	55	57	67	76	79	79				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	0	0	0	0	0	0				
4.3	OTHER PAPER AND PAPERBOARD	25	26	26	27	27	27				
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	25	26	26	27	27	27				
4.321	LINERBOARD	0	0	0	0	0	0				
4.3211	KRAFT LINER	0	0	0	0	0	0				
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0				
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0				
4.3212	OTHER LINERBOARD	0	0	0	0	0	0				
4.322	FLUTING MEDIUM	0	0	0	0	0	0				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0				
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0				
4.323	KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0				
4.3231	SACK KRAFT	0	0	0	0	0	0				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0				
4.324	FOLDING BOXBOARD	0	0	0	0	0	0				
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0				
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	25	26	26	27	27	27				
4.3251	OTHER WRAPPING PAPER	25	26	26	27	27	27				
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	0	0	0	0	0	0				
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0				
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0				

LATE DATA

DONNEES EN RETARD

DATOS EN RETARDO

ALBANIA

PROCESS	1983		1984		1985		1986		1987		1988														
	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP													
	1000 METRIC TONS (AIR DRY) PER YEAR																								
1	WOOD PULP FOR PAPER AND PAPERBOARD											10	0	10	0	10	0	10	0	10	0	10	0		
1.1	MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.11	MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.12	MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.2	THERMO-MECHANICAL PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3	SEMI-CHEMICAL PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
1.4	CHEMICAL PULP TOTAL											10	0	10	0	10	0	10	0	10	0	10	0		
1.41	UNBLEACHED SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.42	BLEACHED SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.43	UNBLEACHED SULPHATE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.44	BLEACHED SULPHATE+SODA PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											-	0	-	0	-	0	-	0	-	0	-	0	-	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											5	0	5	0	5	0	5	0	5	0	5	0		
2.1	PULP OF STRAW											5	0	5	0	5	0	5	0	5	0	5	0		
2.2	PULP OF BAGASSE											0	0	0	0	0	0	0	0	0	0	0	0	0	
2.3	PULP OF BAMBOO											0	0	0	0	0	0	0	0	0	0	0	0	0	
2.4	PULP OF OTHER FIBRE											0	0	0	0	0	0	0	0	0	0	0	0	0	
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0	0	0	0	0	0	0	0	0	0	0	0	
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	
3.2	CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0	0	0	0	

PROCESS	1983		1984		1985		1986		1987		1988							
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR																	
	4	PAPER AND PAPERBOARD											15	15	15	15	15	15
4.1	NEWSPRINT											0	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER											7	7	7	7	7	7	7
4.21	COATED PRINTING AND WRITING PAPER											-	-	-	-	-	-	-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER											-	-	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER											-	-	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER											-	-	-	-	-	-	-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER											-	-	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER											-	-	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD											8	8	8	8	8	8	8
4.31	HOUSEHOLD AND SANITARY PAPER											0	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD											8	8	8	8	8	8	8
4.321	LINERBOARD											0	0	0	0	0	0	0
4.3211	KRAFT LINER											0	0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER											0	0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER											0	0	0	0	0	0	0
4.3212	OTHER LINERBOARD											0	0	0	0	0	0	0
4.322	FLUTING MEDIUM											0	0	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLUTING MEDIUM											0	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM											0	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING											0	0	0	0	0	0	0
4.3231	SACK KRAFT											0	0	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING											0	0	0	0	0	0	0
4.324	FOLDING BOXBOARD											0	0	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD											0	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD											0	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD											0	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.											8	8	8	8	8	8	8
4.3251	OTHER WRAPPING PAPER											0	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD											8	8	8	8	8	8	8
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL											0	0	0	0	0	0	0
4.331	OTHER PAPER N.E.S.											0	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.											0	0	0	0	0	0	0

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

AUSTRIA

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	1222	275	1292	-	1292	-	1292	-	1292	1292
1.1	MECHANICAL PULP	240	1	255	-	255	-	255	-	255	255
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	240	1	255	-	255	-	255	-	255	255
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	-	-	-	-	-	-	-	-	-	-
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.32	SEMI-CHEMICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.4	CHEMICAL PULP TOTAL	982	274	1037	-	1037	-	1037	-	1037	1037
1.41	UNBLEACHED SULPHITE PULP	104	6	94	-	94	-	94	-	94	94
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	55	-	50	-	50	-	50	-	50	50
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	49	-	44	-	44	-	44	-	44	44
1.42	BLEACHED SULPHITE PULP	559	230	569	-	569	-	569	-	569	569
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	58	-	58	-	58	-	58	-	58	58
1.422	BLEACHED CONIFEROUS SULPHITE PULP	501	-	511	-	511	-	511	-	511	511
1.43	UNBLEACHED SULPHATE PULP	311	38	324	-	324	-	324	-	324	324
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	-	0	-	0	-	0	-	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	311	-	324	-	324	-	324	-	324	324
1.44	BLEACHED SULPHATE+SODA PULP	8	-	50	-	50	-	50	-	50	50
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	-	0	-	0	-	0	-	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	8	-	50	-	50	-	50	-	50	50
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD*OTHER RAW MATERIALS	141	10	141	-	141	-	141	-	141	141
3.1	NON-CONIFEROUS DISSOLVING PULP	141	10	141	-	141	-	141	-	141	141
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988											

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											

4	PAPER AND PAPERBOARD			2053	2198	2198	2198	2198	2198		
4.1	NEWSPRINT			207	225	225	225	225	225		
4.2	OTHER PRINTING AND WRITING PAPER			851	899	899	899	899	899		
4.21	COATED PRINTING AND WRITING PAPER			373	433	433	433	433	433		
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			22	22	22	22	22	22		
4.212	COATED WOODFREE PRINTING & WRITING PAPER			351	411	411	411	411	411		
4.22	UNCOATED PRINTING AND WRITING PAPER			478	466	466	466	466	466		
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			199	190	190	190	190	190		
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			279	276	276	276	276	276		
4.3	OTHER PAPER AND PAPERBOARD			995	1074	1074	1074	1074	1074		
4.31	HOUSEHOLD AND SANITARY PAPER			109	111	111	111	111	111		
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			840	913	913	913	913	913		
4.321	LINERBOARD			112	119	119	119	119	119		
4.3211	KRAFT LINER			112	119	119	119	119	119		
4.32111	UNBLEACHED KRAFT LINER			0	0	0	0	0	0		
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0		
4.3212	OTHER LINERBOARD			0	0	0	0	0	0		
4.322	FLUTING MEDIUM			202	223	223	223	223	223		
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			-	-	-	-	-	-		
4.3222	OTHER FLUTING MEDIUM			-	-	-	-	-	-		
4.323	KRAFT WRAPPING AND PACKAGING			168	190	190	190	190	190		
4.3231	SACK KRAFT			134	140	140	140	140	140		
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			34	50	50	50	50	50		
4.324	FOLDING BOXBOARD			292	313	313	313	313	313		
4.3241	PULP BASED FOLDING BOXBOARD			-	-	-	-	-	-		
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			-	-	-	-	-	-		
4.32412	OTHER PULP BASED FOLDING BOXBOARD			-	-	-	-	-	-		
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			-	-	-	-	-	-		
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			66	68	68	68	68	68		
4.3251	OTHER WRAPPING PAPER			43	45	45	45	45	45		
4.3252	OTHER PACKAGING PAPERBOARD			23	23	23	23	23	23		
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			46	50	50	50	50	50		
4.331	OTHER PAPER N.E.S.			33	36	36	36	36	36		
4.332	OTHER PAPERBOARD N.E.S.			13	14	14	14	14	14		

BELGIUM-LUXEMBOURG

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	425	240	425	240	425	240	425	240	425	425
1.1 MECHANICAL PULP	157	0	157	0	157	0	157	0	157	157
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	157	0	157	0	157	0	157	0	157	157
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	268	240	268	240	268	240	268	240	268	268
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	28	0	28	0	28	0	28	0	28	28
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	28	0	28	0	28	0	28	0	28	28
1.43 UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44 BLEACHED SULPHATE+SODA PULP	240	240	240	240	240	240	240	240	240	240
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	240	240	240	240	240	240	240	240	240	240
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	946	968	1020	1023	1034	1034
4.1 NEWSPRINT	110	119	149	144	139	139
4.2 OTHER PRINTING AND WRITING PAPER	470	472	478	486	492	492
4.21 COATED PRINTING AND WRITING PAPER	215	216	217	220	221	221
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	120	120	120	122	122	122
4.212 COATED WOODFREE PRINTING & WRITING PAPER	95	96	97	98	99	99
4.22 UNCOATED PRINTING AND WRITING PAPER	255	256	261	266	271	271
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	161	162	167	172	177	177
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	94	94	94	94	94	94
4.3 OTHER PAPER AND PAPERBOARD	366	377	393	393	403	403
4.31 HOUSEHOLD AND SANITARY PAPER	116	119	119	119	119	119
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	206	212	212	212	212	212
4.321 LINERBOARD	60	60	60	60	60	60
4.3211 KRAFT LINER	0	0	0	0	0	0
4.32111 UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	60	60	60	60	60	60
4.322 FLUTING MEDIUM	41	41	41	41	41	41
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	41	41	41	41	41	41
4.323 KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.3231 SACK KRAFT	0	0	0	0	0	0
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324 FOLDING BOXBOARD	32	35	35	35	35	35
4.3241 PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	32	35	35	35	35	35
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	73	76	76	76	76	76
4.3251 OTHER WRAPPING PAPER	41	41	41	41	41	41
4.3252 OTHER PACKAGING PAPERBOARD	32	35	35	35	35	35
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	44	46	62	62	72	72
4.331 OTHER PAPER N.E.S.	19	21	21	21	31	31
4.332 OTHER PAPERBOARD N.E.S.	25	25	41	41	41	41

CZECHOSLOVAKIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	1185	513	1183	513	1183	513	1183	513	1183	1183
1.11	176	2	174	2	174	2	174	2	174	174
1.12	0	0	0	0	0	0	0	0	0	0
1.2	176	2	174	2	174	2	174	2	174	174
1.21	0	0	0	0	0	0	0	0	0	0
1.22	0	0	0	0	0	0	0	0	0	0
1.3	127	0	127	0	127	0	127	0	127	127
1.31	127	0	127	0	127	0	127	0	127	127
1.32	0	0	0	0	0	0	0	0	0	0
1.4	882	511	882	511	882	511	882	511	882	882
1.41	135	50	135	50	135	50	135	50	135	135
1.411	0	0	0	0	0	0	0	0	0	0
1.412	135	50	135	50	135	50	135	50	135	135
1.42	241	227	241	227	241	227	241	227	241	241
1.421	56	52	56	52	56	52	56	52	56	56
1.422	185	175	185	175	185	175	185	175	185	185
1.43	180	0	180	0	180	0	180	0	180	180
1.431	0	0	0	0	0	0	0	0	0	0
1.432	180	0	180	0	180	0	180	0	180	180
1.44	326	234	326	234	326	234	326	234	326	326
1.441	116	74	116	74	116	74	116	74	116	116
1.442	210	160	210	160	210	160	210	160	210	210
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	25	1	25	1	25	1	25	1	25	25
2.2	0	0	0	0	0	0	0	0	0	0
2.3	0	0	0	0	0	0	0	0	0	0
2.4	25	1	25	1	25	1	25	1	25	25
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	78	75	65	75	65	75	65	75	65	65
3.2	65	63	65	63	65	63	65	63	65	65
3.2	13	12	0	12	0	12	0	12	0	0

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
4	PAPER AND PAPERBOARD									
4.1	1311	1334	1349	1349	1349	1392				
4.2	80	80	80	80	80	80				
4.21	258	258	273	273	273	273				
4.211	32	32	32	32	32	32				
4.212	16	16	16	16	16	16				
4.22	16	16	16	16	16	16				
4.221	226	226	241	241	241	241				
4.222	90	90	90	90	90	90				
4.222	136	136	151	151	151	151				
4.3	973	996	996	996	996	1039				
4.31	64	64	64	64	64	64				
4.32	765	788	788	788	788	831				
4.321	62	62	62	62	62	102				
4.3211	0	0	0	0	0	0				
4.32111	0	0	0	0	0	0				
4.32112	0	0	0	0	0	0				
4.3212	62	62	62	62	62	102				
4.322	162	162	162	162	162	162				
4.3221	150	150	150	150	150	150				
4.3222	12	12	12	12	12	12				
4.323	152	152	152	152	152	126				
4.3231	146	146	146	146	146	120				
4.3232	6	6	6	6	6	6				
4.324	34	34	34	34	34	40				
4.3241	27	27	27	27	27	33				
4.32411	-	-	-	-	-	-				
4.32412	-	-	-	-	-	6				
4.3242	7	7	7	7	7	7				
4.325	355	378	378	378	378	401				
4.3251	141	141	141	141	141	141				
4.3252	214	237	237	237	237	260				
4.33	144	144	144	144	144	144				
4.331	67	67	67	67	67	67				
4.332	77	77	77	77	77	77				

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

DENMARK

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	65	65	70	70	70	70	70	70	70
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	65	65	70	70	70	70	70	70	70
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	65	65	70	70	70	70	70	70	70
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	65	32	65	32	70	32	75	32	76
2.1	PULP OF STRAW	65	32	65	32	70	32	75	32	76
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	376	375	382	390	390
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	157	157	157	157	157
4.21	COATED PRINTING AND WRITING PAPER	35	35	35	35	35
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	5	5	5	5	5
4.212	COATED WOODFREE PRINTING & WRITING PAPER	30	30	30	30	30
4.22	UNCOATED PRINTING AND WRITING PAPER	122	122	122	122	122
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	25	25	25	25	25
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	97	97	97	97	97
4.3	OTHER PAPER AND PAPERBOARD	219	218	225	233	233
4.31	HOUSEHOLD AND SANITARY PAPER	17	17	17	17	17
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	188	161	168	176	176
4.321	LINERBOARD	40	32	32	32	32
4.3211	KRAFT LINER	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	40	32	32	32	32
4.322	FLUTING MEDIUM	92	103	110	118	118
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	42	43	45	48	48
4.3222	OTHER FLUTING MEDIUM	50	60	65	70	70
4.323	KRAFT WRAPPING AND PACKAGING	36	26	26	26	26
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	36	26	26	26	26
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	20	0	0	0	0
4.3251	OTHER WRAPPING PAPER	20	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	14	40	40	40	40
4.331	OTHER PAPER N.E.S.	14	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	0	40	40	40	40

FINLAND

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	8527	2040	8750	1875	8905	1805	8960	1850	9055	9065
1.11	2667	50	2830	50	2795	50	2755	50	2760	2760
1.12	0	0	0	0	0	0	0	0	0	0
1.2	2667	50	2830	50	2795	50	2755	50	2760	2760
1.21	885	0	905	0	965	0	975	35	975	975
1.22	0	0	0	0	0	0	0	0	0	0
1.3	885	0	905	0	965	0	975	35	975	975
1.31	345	0	345	0	390	0	395	0	395	395
1.32	345	0	345	0	390	0	395	0	395	395
1.33	0	0	0	0	0	0	0	0	0	0
1.4	4630	1990	4670	1825	4755	1755	4835	1765	4925	4935
1.41	225	135	215	135	210	130	205	135	205	195
1.411	0	0	0	0	0	0	0	0	0	0
1.412	225	135	215	135	210	130	205	135	205	195
1.42	150	55	145	60	120	45	70	25	70	80
1.421	5	-	0	0	0	0	0	0	0	0
1.422	145	-	145	60	120	45	70	25	70	80
1.43	1030	200	960	150	945	145	975	145	845	845
1.431	20	20	20	20	20	20	20	20	0	0
1.432	1010	180	940	130	925	125	955	125	845	845
1.44	3225	1600	3350	1480	3480	1435	3585	1460	3805	3815
1.441	1375	800	1460	820	1555	765	1595	775	1630	1635
1.442	1850	800	1890	660	1925	670	1990	685	2175	2180
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	0	0	0	0	0	0	0	0	0	0
2.2	0	0	0	0	0	0	0	0	0	0
2.3	0	0	0	0	0	0	0	0	0	0
2.4	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	345	335	335	325	315	305	270	260	275	285
3.2	60	50	50	40	30	20	10	0	10	10
3.2	285	285	285	285	285	285	260	260	265	275

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
4	PAPER AND PAPERBOARD									
4.1	7550	7780	8030	8150	8270	8315				
4.11	1860	1920	1890	1775	1795	1800				
4.2	3120	3265	3400	3565	3650	3675				
4.21	705	790	860	965	1015	1040				
4.211	630	710	765	865	900	920				
4.212	75	80	95	100	115	120				
4.22	2415	2475	2540	2600	2635	2635				
4.221	1705	1745	1665	1695	1715	1715				
4.222	710	730	875	905	920	920				
4.3	2570	2595	2740	2810	2825	2840				
4.31	165	165	175	175	180	180				
4.32	2040	2065	2150	2205	2215	2230				
4.321	360	345	355	380	370	370				
4.3211	355	340	350	375	365	365				
4.32111	295	280	285	305	295	295				
4.32112	60	60	65	70	70	70				
4.3212	5	5	5	5	5	5				
4.322	320	320	365	370	370	370				
4.3221	320	320	365	370	370	370				
4.3222	0	0	0	0	0	0				
4.323	410	410	415	415	415	430				
4.3231	290	290	295	295	295	310				
4.3232	120	120	120	120	120	120				
4.324	785	825	850	875	895	895				
4.3241	705	765	820	860	880	880				
4.32411	365	395	415	440	460	460				
4.32412	340	370	405	420	420	420				
4.3242	80	60	30	15	15	15				
4.325	165	165	165	165	165	165				
4.3251	60	60	60	60	60	60				
4.3252	105	105	105	105	105	105				
4.33	365	365	415	430	430	430				
4.331	255	255	295	310	310	310				
4.332	110	110	120	120	120	120				

GERMANY, FEDERAL REPUBLIC OF

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	1943	78	1967	78	2027	77	2057	63	2079	2085
1.1	MECHANICAL PULP	1297	7	1300	7	1359	7	1418	7	1432	1435
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	1297	7	1300	7	1359	7	1418	7	1432	1435
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	79	0	79	0	79	0	79	0	79	80
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	67	0	67	0	67	0	67	0	67	68
1.32	SEMI-CHEMICAL CONIFEROUS PULP	12	0	12	0	12	0	12	0	12	12
1.4	CHEMICAL PULP TOTAL	567	71	588	71	589	70	560	56	568	570
1.41	UNBLEACHED SULPHITE PULP	4	0	4	0	4	0	4	0	4	4
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	4	0	4	0	4	0	4	0	4	4
1.42	BLEACHED SULPHITE PULP	563	71	584	71	585	70	556	56	564	566
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	187	18	199	17	199	17	201	19	201	201
1.422	BLEACHED CONIFEROUS SULPHITE PULP	376	53	385	54	386	53	355	37	363	365
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	182	182	188	188	189	189	191	191	191	191
3.1	NON-CONIFEROUS DISSOLVING PULP	108	108	109	109	112	112	109	109	109	109
3.2	CONIFEROUS DISSOLVING PULP	74	74	79	79	77	77	82	82	82	82

1983 1984 1985 1986 1987 1988											

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD			9091	9555	9970	10415	10821	10890		
4.1	NEWSPRINT			712	808	850	881	881	880		
4.2	OTHER PRINTING AND WRITING PAPER			3526	3658	3863	4053	4395	4430		
4.21	COATED PRINTING AND WRITING PAPER			1372	1432	1573	1710	1860	1880		
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			1372	1432	1573	1710	1860	1880		
4.212	COATED WOODFREE PRINTING & WRITING PAPER			0	0	0	0	0	0		
4.22	UNCOATED PRINTING AND WRITING PAPER			2154	2226	2290	2343	2535	2550		
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			967	1007	1033	1063	1231	1240		
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			1187	1219	1257	1280	1304	1310		
4.3	OTHER PAPER AND PAPERBOARD			4853	5089	5257	5481	5545	5580		
4.31	HOUSEHOLD AND SANITARY PAPER			640	690	719	753	755	760		
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			3600	3779	3900	4075	4128	4150		
4.321	LINERBOARD			788	846	878	959	991	1000		
4.3211	KRAFT LINER			1	1	1	1	1	1		
4.32111	UNBLEACHED KRAFT LINER			1	1	1	1	1	1		
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0		
4.3212	OTHER LINERBOARD			787	845	877	958	990	999		
4.322	FLUTING MEDIUM			989	1046	1067	1116	1115	1120		
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			97	97	98	99	99	100		
4.3222	OTHER FLUTING MEDIUM			892	949	969	1017	1016	1020		
4.323	KRAFT WRAPPING AND PACKAGING			99	99	100	100	100	100		
4.3231	SACK KRAFT			9	9	9	9	9	9		
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			90	90	91	91	91	91		
4.324	FOLDING BOXBOARD			627	650	655	669	676	680		
4.3241	PULP BASED FOLDING BOXBOARD			34	36	36	37	37	40		
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			34	36	36	37	37	40		
4.32412	OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0		
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			593	614	619	632	639	640		
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			1097	1138	1200	1231	1246	1250		
4.3251	OTHER WRAPPING PAPER			409	412	417	418	419	420		
4.3252	OTHER PACKAGING PAPERBOARD			688	726	783	813	827	830		
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			613	620	638	653	662	670		
4.331	OTHER PAPER N.E.S.			475	482	500	514	522	530		
4.332	OTHER PAPERBOARD N.E.S.			138	138	138	139	140	140		

GREECE

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD											90
1.1	MECHANICAL PULP											0
1.11	MECHANICAL NON-CONIFEROUS PULP											0
1.12	MECHANICAL CONIFEROUS PULP											0
1.2	THERMO-MECHANICAL PULP											90
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											-
1.22	THERMO-MECHANICAL CONIFEROUS PULP											-
1.3	SEMI-CHEMICAL PULP											0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											0
1.32	SEMI-CHEMICAL CONIFEROUS PULP											0
1.4	CHEMICAL PULP TOTAL											0
1.41	UNBLEACHED SULPHITE PULP											0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											0
1.42	BLEACHED SULPHITE PULP											0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0
1.43	UNBLEACHED SULPHATE PULP											0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											0
1.44	BLEACHED SULPHATE+SODA PULP											0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											32
2.1	PULP OF STRAW											32
2.2	PULP OF BAGASSE											0
2.3	PULP OF BAMBOO											0
2.4	PULP OF OTHER FIBRE											0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0
3.1	NON-CONIFEROUS DISSOLVING PULP											0
3.2	CONIFEROUS DISSOLVING PULP											0

	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD						558
4.1	NEWSPRINT						50
4.2	OTHER PRINTING AND WRITING PAPER						272
4.21	COATED PRINTING AND WRITING PAPER						-
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER						-
4.212	COATED WOODFREE PRINTING & WRITING PAPER						-
4.22	UNCOATED PRINTING AND WRITING PAPER						-
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER						-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER						-
4.3	OTHER PAPER AND PAPERBOARD						236
4.31	HOUSEHOLD AND SANITARY PAPER						106
4.32	WRAPPING AND PACKAGING PAPER AND BOARD						105
4.321	LINERBOARD						6
4.3211	KRAFT LINER						6
4.32111	UNBLEACHED KRAFT LINER						-
4.32112	BLEACHED KRAFT LINER						-
4.3212	OTHER LINERBOARD						0
4.322	FLUTING MEDIUM						11
4.3221	SEMI-CHEMICAL FLUTING MEDIUM						-
4.3222	OTHER FLUTING MEDIUM						-
4.323	KRAFT WRAPPING AND PACKAGING						6
4.3231	SACK KRAFT						0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING						6
4.324	FOLDING BOXBOARD						48
4.3241	PULP BASED FOLDING BOXBOARD						-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD						-
4.32412	OTHER PULP BASED FOLDING BOXBOARD						-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD						-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.						34
4.3251	OTHER WRAPPING PAPER						34
4.3252	OTHER PACKAGING PAPERBOARD						0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL						25
4.331	OTHER PAPER N.E.S.						20
4.332	OTHER PAPERBOARD N.E.S.						5

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

HUNGARY

PROCESS	1983		1984		1985		1986		1987		1988	
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	87	0	85	0	103	0	103	0	103	0	103
1.1	MECHANICAL PULP	13	0	16	0	27	0	27	0	27	0	27
1.11	MECHANICAL NON-CONIFEROUS PULP	4	0	5	0	8	0	8	0	8	0	8
1.12	MECHANICAL CONIFEROUS PULP	9	0	11	0	19	0	19	0	19	0	19
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	61	0	59	0	65	0	65	0	65	0	65
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	61	0	59	0	65	0	65	0	65	0	65
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	13	0	10	0	11	0	11	0	11	0	11
1.41	UNBLEACHED SULPHITE PULP	12	0	10	0	11	0	11	0	11	0	11
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	8	0	5	0	8	0	8	0	8	0	8
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	4	0	5	0	3	0	3	0	3	0	3
1.42	BLEACHED SULPHITE PULP	1	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	1	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	15	0	5	0	0	0	30	0	30	0	30
2.1	PULP OF STRAW	15	0	5	0	0	0	30	0	30	0	30
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												

4	PAPER AND PAPERBOARD			478	493	506	520	528	532			
4.1	NEWSPRINT			0	0	0	0	0	0			
4.2	OTHER PRINTING AND WRITING PAPER			125	142	153	164	171	175			
4.21	COATED PRINTING AND WRITING PAPER			0	0	8	12	13	13			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER			0	0	8	12	13	13			
4.22	UNCOATED PRINTING AND WRITING PAPER			125	142	145	152	158	162			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			58	63	56	56	56	56			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			67	79	89	96	102	106			
4.3	OTHER PAPER AND PAPERBOARD			353	351	353	356	357	357			
4.31	HOUSEHOLD AND SANITARY PAPER			24	24	22	22	22	22			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			295	293	292	292	292	292			
4.321	LINERBOARD			17	17	16	16	16	16			
4.3211	KRAFT LINER			0	0	0	0	0	0			
4.32111	UNBLEACHED KRAFT LINER			0	0	0	0	0	0			
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0			
4.3212	OTHER LINERBOARD			17	17	16	16	16	16			
4.322	FLUTING MEDIUM			131	131	130	130	130	130			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			60	60	60	60	60	60			
4.3222	OTHER FLUTING MEDIUM			71	71	70	70	70	70			
4.323	KRAFT WRAPPING AND PACKAGING			47	47	46	46	46	46			
4.3231	SACK KRAFT			47	47	46	46	46	46			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			0	0	0	0	0	0			
4.324	FOLDING BOXBOARD			25	25	25	25	25	25			
4.3241	PULP BASED FOLDING BOXBOARD			10	10	10	10	10	10			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			5	5	5	5	5	5			
4.32412	OTHER PULP BASED FOLDING BOXBOARD			5	5	5	5	5	5			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			15	15	15	15	15	15			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			75	73	75	75	75	75			
4.3251	OTHER WRAPPING PAPER			28	26	28	28	28	28			
4.3252	OTHER PACKAGING PAPERBOARD			47	47	47	47	47	47			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			34	34	39	42	43	43			
4.331	OTHER PAPER N.E.S.			13	13	18	21	22	22			
4.332	OTHER PAPERBOARD N.E.S.			21	21	21	21	21	21			

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

ITALY

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL	
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	890	-	920	-	920	-	920	-	920	920
1.1	MECHANICAL PULP	650	-	650	-	650	-	650	-	650	650
1.11	MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	
1.3	SEMI-CHEMICAL PULP	120	-	140	-	140	-	140	-	140	140
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.32	SEMI-CHEMICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.4	CHEMICAL PULP TOTAL	120	-	130	-	130	-	130	-	130	130
1.41	UNBLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.42	BLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.422	BLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.43	UNBLEACHED SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.44	BLEACHED SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	360	-	330	-	310	-	290	-	290	290
2.1	PULP OF STRAW	270	-	240	-	220	-	200	-	200	200
2.2	PULP OF BAGASSE	0	-	0	-	0	-	0	-	0	0
2.3	PULP OF BAMBOO	0	-	0	-	0	-	0	-	0	0
2.4	PULP OF OTHER FIBRE	90	-	90	-	90	-	90	-	90	90
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	60	-	60	-	60	-	60	-	60	60
3.1	NON-CONIFEROUS DISSOLVING PULP	-	-	-	-	-	-	-	-	-	-
3.2	CONIFEROUS DISSOLVING PULP	-	-	-	-	-	-	-	-	-	-

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	5920	5950	5980	5980	5980
4.1	NEWSPRINT	310	310	310	310	310
4.2	OTHER PRINTING AND WRITING PAPER	2070	2070	2090	2090	2090
4.21	COATED PRINTING AND WRITING PAPER	1045	1045	1065	1065	1065
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	815	815	830	830	830
4.212	COATED WOODFREE PRINTING & WRITING PAPER	230	230	235	235	235
4.22	UNCOATED PRINTING AND WRITING PAPER	1025	1025	1025	1025	1025
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	580	580	580	580	580
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	445	445	445	445	445
4.3	OTHER PAPER AND PAPERBOARD	3540	3570	3580	3580	3580
4.31	HOUSEHOLD AND SANITARY PAPER	240	270	270	270	270
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2900	2900	2910	2910	2910
4.321	LINERBOARD	540	540	550	550	550
4.3211	KRAFT LINER	110	110	110	110	110
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-
4.3212	OTHER LINERBOARD	430	430	440	440	440
4.322	FLUTING MEDIUM	900	900	890	890	890
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	100	100	100	100	100
4.3222	OTHER FLUTING MEDIUM	800	800	790	790	790
4.323	KRAFT WRAPPING AND PACKAGING	160	160	160	160	160
4.3231	SACK KRAFT	110	110	110	110	110
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	50	50	50	50	50
4.324	FOLDING BOXBOARD	720	720	730	730	730
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	580	580	580	580	580
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	400	400	400	400	400
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

NETHERLANDS

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL	
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	150	0	150	0	150	0	236	0	266	266
1.1	MECHANICAL PULP	86	0	86	0	86	0	86	0	86	86
1.11	MECHANICAL NON-CONIFEROUS PULP	20	0	20	0	20	0	20	0	20	20
1.12	MECHANICAL CONIFEROUS PULP	66	0	66	0	66	0	66	0	66	66
1.2	THERMO-MECHANICAL PULP	64	0	64	0	64	0	150	0	180	180
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	64	0	64	0	64	0	150	0	180	180
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	2	0	2	0	2	0	2	0	2	2
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	2	0	2	0	2	0	2	0	2	2
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983		1984		1985		1986		1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	1878	1887	1889	1978	2008	2008			
4.1	NEWSPRINT	211	211	211	300	330	330			
4.2	OTHER PRINTING AND WRITING PAPER	564	577	577	577	577	577			
4.21	COATED PRINTING AND WRITING PAPER	253	276	276	276	276	276			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-			
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-			
4.22	UNCOATED PRINTING AND WRITING PAPER	311	301	301	301	301	301			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	29	29	29	29	29	29			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	282	272	272	272	272	272			
4.3	OTHER PAPER AND PAPERBOARD	1103	1099	1101	1101	1101	1101			
4.31	HOUSEHOLD AND SANITARY PAPER	144	144	144	144	144	144			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	902	898	900	900	900	900			
4.321	LINERBOARD	82	82	82	82	82	82			
4.3211	KRAFT LINER	1	1	1	1	1	1			
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0			
4.32112	BLEACHED KRAFT LINER	1	1	1	1	1	1			
4.3212	OTHER LINERBOARD	81	81	81	81	81	81			
4.322	FLUTING MEDIUM	254	248	248	248	248	248			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0			
4.3222	OTHER FLUTING MEDIUM	254	248	248	248	248	248			
4.323	KRAFT WRAPPING AND PACKAGING	27	27	27	27	27	27			
4.3231	SACK KRAFT	0	0	0	0	0	0			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	27	27	27	27	27	27			
4.324	FOLDING BOXBOARD	111	113	115	115	115	115			
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-			
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-	-			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	428	428	428	428	428	428			
4.3251	OTHER WRAPPING PAPER	14	14	14	14	14	14			
4.3252	OTHER PACKAGING PAPERBOARD	414	414	414	414	414	414			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	57	57	57	57	57	57			
4.331	OTHER PAPER N.E.S.	4	4	4	4	4	4			
4.332	OTHER PAPERBOARD N.E.S.	53	53	53	53	53	53			

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

PORTUGAL

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	1020	801	1105	867	1296	1047	1312	1047	1312	1312
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	1020	801	1105	867	1296	1047	1312	1047	1312	1312
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	100	94	100	100	100	100	100	100	100	100
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	100	94	100	100	100	100	100	100	100	100
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	305	92	330	92	341	92	357	92	357	357
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	61	0	86	0	88	0	91	0	91	91
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	244	92	244	92	253	92	266	92	266	266
1.44	BLEACHED SULPHATE+SODA PULP	615	615	675	675	855	855	855	855	855	855
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	595	595	675	675	855	855	855	855	855	855
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	20	20	0	0	0	0	0	0	0	0

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	52	0	63	0	63	0	63	0	63	63
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	52	0	63	0	63	0	63	0	63	63
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	683	693	708	708	708
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	120	120	120	120	120
4.21	COATED PRINTING AND WRITING PAPER	10	10	10	10	10
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	10	10	10	10	10
4.22	UNCOATED PRINTING AND WRITING PAPER	110	110	110	110	110
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	110	110	110	110	110
4.3	OTHER PAPER AND PAPERBOARD	563	573	588	588	588
4.31	HOUSEHOLD AND SANITARY PAPER	58	58	58	58	58
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	485	495	510	510	510
4.321	LINERBOARD	221	231	246	246	246
4.3211	KRAFT LINER	175	185	200	200	200
4.32111	UNBLEACHED KRAFT LINER	175	185	200	200	200
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINERBOARD	46	46	46	46	46
4.322	FLUTING MEDIUM	70	70	70	70	70
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	70	70	70	70	70
4.323	KRAFT WRAPPING AND PACKAGING	94	94	94	94	94
4.3231	SACK KRAFT	64	64	64	64	64
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	30	30	30	30	30
4.324	FOLDING BOXBOARD	60	60	60	60	60
4.3241	PULP BASED FOLDING BOXBOARD	20	20	20	20	20
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	40	40	40	40	40
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	40	40	40	40	40
4.3251	OTHER WRAPPING PAPER	-	-	-	-	-
4.3252	OTHER PACKAGING PAPERBOARD	-	-	-	-	-
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	20	20	20	20	20
4.331	OTHER PAPER N.E.S.	-	-	-	-	-
4.332	OTHER PAPERBOARD N.E.S.	-	-	-	-	-

ROMANIA

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	830	37	830	37	830	37	830	37	830	830
1.1 MECHANICAL PULP	128	0	128	0	128	0	128	0	128	128
1.11 MECHANICAL NON-CONIFEROUS PULP	16	0	16	0	16	0	16	0	16	16
1.12 MECHANICAL CONIFEROUS PULP	112	0	112	0	112	0	112	0	112	112
1.2 THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3 SEMI-CHEMICAL PULP	44	0	44	0	44	0	44	0	44	44
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	44	0	44	0	44	0	44	0	44	44
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	658	37	658	37	658	37	658	37	658	658
1.41 UNBLEACHED SULPHITE PULP	57	-	57	-	57	-	57	-	57	57
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	57	-	57	-	57	-	57	-	57	57
1.42 BLEACHED SULPHITE PULP	78	-	78	-	78	-	78	-	78	78
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	78	-	78	-	78	-	78	-	78	78
1.43 UNBLEACHED SULPHATE PULP	328	-	328	-	328	-	328	-	328	328
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	93	-	93	-	93	-	93	-	93	93
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	235	-	235	-	235	-	235	-	235	235
1.44 BLEACHED SULPHATE+SODA PULP	195	-	195	-	195	-	195	-	195	195
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	95	-	95	-	95	-	95	-	95	95
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	100	-	100	-	100	-	100	-	100	100
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	102	0	102	0	102	0	102	0	102	102
2.1 PULP OF STRAW	58	0	58	0	58	0	58	0	58	58
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	44	0	44	0	44	0	44	0	44	44
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	127	127	127	127	127	127	127	127	127	127
3.1 NON-CONIFEROUS DISSOLVING PULP	127	127	127	127	127	127	127	127	127	127
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	1059	1059	1059	1059	1059	1059
4.1 NEWSPRINT	133	133	133	133	133	133
4.2 OTHER PRINTING AND WRITING PAPER	190	190	190	190	190	190
4.21 COATED PRINTING AND WRITING PAPER	6	6	6	6	6	6
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	6	6	6	6	6	6
4.22 UNCOATED PRINTING AND WRITING PAPER	184	184	184	184	184	184
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	50	50	50	50	50	50
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	134	134	134	134	134	134
4.3 OTHER PAPER AND PAPERBOARD	736	736	736	736	736	736
4.31 HOUSEHOLD AND SANITARY PAPER	25	25	25	25	25	25
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	656	656	656	656	656	656
4.321 LINERBOARD	100	100	100	100	100	100
4.3211 KRAFT LINER	100	100	100	100	100	100
4.32111 UNBLEACHED KRAFT LINER	100	100	100	100	100	100
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	0	0	0	0	0	0
4.322 FLUTING MEDIUM	180	180	180	180	180	180
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	40	40	40	40	40	40
4.3222 OTHER FLUTING MEDIUM	140	140	140	140	140	140
4.323 KRAFT WRAPPING AND PACKAGING	171	171	171	171	171	171
4.3231 SACK KRAFT	94	94	94	94	94	94
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	77	77	77	77	77	77
4.324 FOLDING BOXBOARD	119	119	119	119	119	119
4.3241 PULP BASED FOLDING BOXBOARD	70	70	70	70	70	70
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	30	30	30	30	30	30
4.32412 OTHER PULP BASED FOLDING BOXBOARD	40	40	40	40	40	40
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	49	49	49	49	49	49
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	86	86	86	86	86	86
4.3251 OTHER WRAPPING PAPER	12	12	12	12	12	12
4.3252 OTHER PACKAGING PAPERBOARD	74	74	74	74	74	74
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	55	55	55	55	55	55
4.331 OTHER PAPER N.E.S.	30	30	30	30	30	30
4.332 OTHER PAPERBOARD N.E.S.	25	25	25	25	25	25

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

SPAIN

PROCESS	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD									
1.1	1497	720	1510	725	1515	725	1525	725	1600	1730
1.11	275	50	275	50	280	50	290	50	340	345
1.12	-	-	-	-	-	-	-	-	-	-
1.2	50	50	50	50	50	50	50	50	50	50
1.21	-	-	-	-	-	-	-	-	-	-
1.22	-	-	-	-	-	-	-	-	-	-
1.3	50	0	50	0	50	0	50	0	50	50
1.31	50	0	50	0	50	0	50	0	50	50
1.32	0	0	0	0	0	0	0	0	0	0
1.4	1122	620	1135	625	1135	625	1135	625	1160	1285
1.41	0	0	0	0	0	0	0	0	0	0
1.411	0	0	0	0	0	0	0	0	0	0
1.412	0	0	0	0	0	0	0	0	0	0
1.42	25	25	25	25	25	25	25	25	25	25
1.421	25	25	25	25	25	25	25	25	25	25
1.422	0	0	0	0	0	0	0	0	0	0
1.43	330	45	320	20	310	10	300	0	275	275
1.431	30	30	20	20	10	10	0	0	0	0
1.432	300	15	300	0	300	0	300	0	275	275
1.44	767	550	790	580	800	590	810	600	860	985
1.441	627	450	650	480	660	490	670	500	685	805
1.442	140	100	140	100	140	100	140	100	175	180

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	115	0	115	0	115	0	115	0	115	115
2.2	0	0	0	0	0	0	0	0	0	0
2.3	0	0	0	0	0	0	0	0	0	0
2.4	12	10	12	10	12	10	14	10	14	14

3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	40	40	40	40	40	40	40	40	40	40
3.2	0	0	0	0	0	0	0	0	0	0

1983 1984 1985 1986 1987 1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD					
4.1	3215	3255	3295	3300	3355	3370
4.11	145	165	165	165	185	200
4.2	830	830	860	865	900	900
4.21	230	230	230	230	230	230
4.211	-	-	-	-	-	-
4.212	-	-	-	-	-	-
4.22	600	600	630	635	670	670
4.221	-	-	-	-	-	-
4.222	-	-	-	-	-	-
4.3	2240	2260	2270	2270	2270	2270
4.31	180	190	190	190	190	190
4.32	1950	1960	1970	1970	1970	1970
4.321	670	670	670	670	670	670
4.3211	140	140	140	140	140	140
4.32111	-	-	-	-	-	-
4.32112	-	-	-	-	-	-
4.3212	530	530	530	530	530	530
4.322	440	440	440	440	440	440
4.3221	-	-	-	-	-	-
4.3222	-	-	-	-	-	-
4.323	210	210	210	210	210	210
4.3231	210	210	210	210	210	210
4.3232	0	0	0	0	0	0
4.324	360	360	360	360	360	360
4.3241	-	-	-	-	-	-
4.32411	-	-	-	-	-	-
4.32412	-	-	-	-	-	-
4.3242	-	-	-	-	-	-
4.325	270	280	290	290	290	290
4.3251	-	-	-	-	-	-
4.3252	-	-	-	-	-	-
4.33	110	110	110	110	110	110
4.331	-	-	-	-	-	-
4.332	-	-	-	-	-	-

SWEDEN

PROCESS	1983		1984		1985		1986		1987		1988
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY		TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	9365	3875	9615	3965	9930	4045	10265	4130	10450	10505	
1.1 MECHANICAL PULP	1390	345	1195	350	1145	355	1070	355	1075	1075	
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.12 MECHANICAL CONIFEROUS PULP	1390	345	1195	350	1145	355	1070	355	1075	1075	
1.2 THERMO-MECHANICAL PULP	890	105	1205	160	1395	185	1670	230	1780	1805	
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.22 THERMO-MECHANICAL CONIFEROUS PULP	890	105	1205	160	1395	185	1670	230	1780	1805	
1.3 SEMI-CHEMICAL PULP	250	0	250	0	270	0	275	0	275	275	
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	250	0	250	0	270	0	275	0	275	275	
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.4 CHEMICAL PULP TOTAL	6835	3425	6965	3455	7120	3505	7250	3545	7320	7350	
1.41 UNBLEACHED SULPHITE PULP	285	75	215	70	185	75	185	75	185	185	
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	285	75	215	70	185	75	185	75	185	185	
1.42 BLEACHED SULPHITE PULP	550	400	570	415	580	420	585	420	585	585	
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	110	75	120	80	125	80	125	80	125	125	
1.422 BLEACHED CONIFEROUS SULPHITE PULP	440	325	450	335	455	340	460	340	460	460	
1.43 UNBLEACHED SULPHATE PULP	2415	365	2290	225	2375	250	2360	225	2345	2350	
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	115	5	105	0	115	0	125	0	145	145	
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	2300	360	2185	225	2260	250	2235	225	2200	2205	
1.44 BLEACHED SULPHATE+SODA PULP	3585	2585	3890	2745	3980	2760	4120	2825	4205	4230	
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	890	580	950	555	980	555	1010	555	1015	1015	
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	2695	2005	2940	2190	3000	2205	3110	2270	3190	3215	

2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	

3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	75	75	75	75	75	75	75	75	75	75	
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	
3.2 CONIFEROUS DISSOLVING PULP	75	75	75	75	75	75	75	75	75	75	

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	7135	7375	7765	8035	8365	8505
4.1 NEWSPRINT	1775	1775	1870	1980	2135	2200
4.2 OTHER PRINTING AND WRITING PAPER	1335	1405	1465	1475	1500	1525
4.21 COATED PRINTING AND WRITING PAPER	370	385	425	395	400	405
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	125	120	120	80	80	80
4.212 COATED WOODFREE PRINTING & WRITING PAPER	245	265	305	315	320	325
4.22 UNCOATED PRINTING AND WRITING PAPER	965	1020	1040	1080	1100	1120
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	380	420	395	395	395	395
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	585	600	645	685	705	725
4.3 OTHER PAPER AND PAPERBOARD	4025	4195	4430	4580	4730	4780
4.31 HOUSEHOLD AND SANITARY PAPER	285	285	295	310	320	320
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	3400	3570	3790	3920	4060	4110
4.321 LINERBOARD	1165	1210	1230	1260	1305	1330
4.3211 KRAFT LINER	1165	1200	1220	1250	1295	1320
4.32111 UNBLEACHED KRAFT LINER	1015	1030	1045	1075	1120	1145
4.32112 BLEACHED KRAFT LINER	150	170	175	175	175	175
4.3212 OTHER LINERBOARD	0	10	10	10	10	10
4.322 FLUTING MEDIUM	295	295	305	315	320	320
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	290	290	300	310	315	315
4.3222 OTHER FLUTING MEDIUM	5	5	5	5	5	5
4.323 KRAFT WRAPPING AND PACKAGING	900	910	960	990	1020	1025
4.3231 SACK KRAFT	755	755	780	790	800	800
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	145	155	180	200	220	225
4.324 FOLDING BOXBOARD	515	575	670	705	725	730
4.3241 PULP BASED FOLDING BOXBOARD	440	485	575	600	615	620
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	210	215	250	270	275	275
4.32412 OTHER PULP BASED FOLDING BOXBOARD	230	270	325	330	340	345
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	75	90	95	105	110	110
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	525	580	625	650	690	705
4.3251 OTHER WRAPPING PAPER	80	60	60	60	60	60
4.3252 OTHER PACKAGING PAPERBOARD	445	520	565	590	630	645
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	340	340	345	350	350	350
4.331 OTHER PAPER N.E.S.	210	210	210	210	210	210
4.332 OTHER PAPERBOARD N.E.S.	130	130	135	140	140	140

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

SWITZERLAND

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	325	120	325	120	330	125	330	125	335	335
1.1	MECHANICAL PULP	215	70	215	70	220	15	220	15	225	225
1.11	MECHANICAL NON-CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.12	MECHANICAL CONIFEROUS PULP	-	-	-	-	-	-	-	-	-	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	110	110	110	110	110	110	110	110	110	110
1.41	UNBLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.42	BLEACHED SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.422	BLEACHED CONIFEROUS SULPHITE PULP	-	-	-	-	-	-	-	-	-	-
1.43	UNBLEACHED SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	-	-	-	-	-	-	-	-	-	-
1.44	BLEACHED SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	-	-	-	-	-	-	-	-	-	-
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD	1010	1050	1055	1060	1065	1070				
4.1	NEWSPRINT	245	250	250	250	250	250				
4.2	OTHER PRINTING AND WRITING PAPER	290	290	300	305	305	310				
4.21	COATED PRINTING AND WRITING PAPER	90	90	95	100	100	100				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	60	60	65	65	65	65				
4.212	COATED WOODFREE PRINTING & WRITING PAPER	30	30	30	35	35	35				
4.22	UNCOATED PRINTING AND WRITING PAPER	200	200	205	205	205	210				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	95	95	100	100	100	105				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	105	105	105	105	105	105				
4.3	OTHER PAPER AND PAPERBOARD	475	510	505	505	510	510				
4.31	HOUSEHOLD AND SANITARY PAPER	80	110	110	110	110	110				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	385	390	385	385	390	390				
4.321	LINERBOARD	200	205	205	205	205	205				
4.3211	KRAFT LINER	-	-	-	-	-	-				
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-	-				
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-	-				
4.3212	OTHER LINERBOARD	-	-	-	-	-	-				
4.322	FLUTING MEDIUM	-	-	-	-	-	-				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	-	-	-	-	-	-				
4.3222	OTHER FLUTING MEDIUM	-	-	-	-	-	-				
4.323	KRAFT WRAPPING AND PACKAGING	30	30	30	30	30	30				
4.3231	SACK KRAFT	15	15	15	15	15	15				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	15	15	15	15	15	15				
4.324	FOLDING BOXBOARD	60	60	60	60	60	60				
4.3241	PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-				
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	-	-	-	-	-	-				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	95	95	90	90	95	95				
4.3251	OTHER WRAPPING PAPER	35	35	30	30	35	35				
4.3252	OTHER PACKAGING PAPERBOARD	60	60	60	60	60	60				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	10	10	10	10	10	10				
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0				
4.332	OTHER PAPERBOARD N.E.S.	10	10	10	10	10	10				

UNITED KINGDOM

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL	OF	TOTAL	OF	TOTAL	OF	TOTAL	OF	TOTAL	TOTAL	
	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	196	0	196	0	266	0	341	0	376	376
1.1	MECHANICAL PULP	-	0	-	0	-	0	-	0	-	-
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	-	0	-	0	-	0	-	0	-	-
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	-
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	17	0	17	0	17	0	17	0	17	17
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	17	0	17	0	17	0	17	0	17	17
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	-	-	-	-	-	-	-	-	-	-
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	3599	3811	4045	4226	4286	4321
4.1	NEWSPRINT	85	234	369	468	505	502
4.2	OTHER PRINTING AND WRITING PAPER	1008	1024	1069	1101	1112	1118
4.21	COATED PRINTING AND WRITING PAPER	327	342	368	378	386	388
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	7	2	2	2	2	2
4.212	COATED WOODFREE PRINTING & WRITING PAPER	320	340	366	376	384	386
4.22	UNCOATED PRINTING AND WRITING PAPER	681	682	701	723	726	730
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	19	13	14	14	15	16
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	662	669	687	709	711	714
4.3	OTHER PAPER AND PAPERBOARD	2506	2553	2607	2657	2669	2701
4.31	HOUSEHOLD AND SANITARY PAPER	468	470	471	501	504	523
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1660	1714	1761	1776	1784	1797
4.321	LINERBOARD	279	274	280	282	285	290
4.3211	KRAFT LINER	0	0	0	0	0	0
4.32111	UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	279	274	280	282	285	290
4.322	FLUTING MEDIUM	507	535	550	556	559	565
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	134	138	140	142	143	144
4.3222	OTHER FLUTING MEDIUM	373	397	410	414	416	421
4.323	KRAFT WRAPPING AND PACKAGING	91	90	92	93	92	92
4.3231	SACK KRAFT	2	2	2	2	2	2
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	89	88	90	91	90	90
4.324	FOLDING BOXBOARD	227	261	262	263	265	266
4.3241	PULP BASED FOLDING BOXBOARD	138	188	188	188	188	188
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	138	188	188	188	188	188
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	89	73	74	75	77	78
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	556	554	577	582	583	584
4.3251	OTHER WRAPPING PAPER	227	220	224	226	228	230
4.3252	OTHER PACKAGING PAPERBOARD	329	334	353	356	355	354
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	378	369	375	380	381	381
4.331	OTHER PAPER N.E.S.	211	220	226	231	233	233
4.332	OTHER PAPERBOARD N.E.S.	167	149	149	149	148	148

AUSTRALIA

PROCESS	1983		1984		1985		1986		1987		1988										
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP										
	1000 METRIC TONS (AIR DRY) PER YEAR																				
1	WOOD PULP FOR PAPER AND PAPERBOARD											1014	10	1085	18	1177	82	1183	108	1183	1183
1.1	MECHANICAL PULP											149	1	149	1	149	1	149	1	149	149
1.11	MECHANICAL NON-CONIFEROUS PULP											100	0	100	0	100	0	100	0	100	100
1.12	MECHANICAL CONIFEROUS PULP											49	1	49	1	49	1	49	1	49	49
1.2	THERMO-MECHANICAL PULP											231	0	251	0	251	0	251	0	251	251
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP											0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP											231	0	251	0	251	0	251	0	251	251
1.3	SEMI-CHEMICAL PULP											376	6	380	6	384	35	385	55	385	385
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP											295	6	299	6	303	35	304	55	304	304
1.32	SEMI-CHEMICAL CONIFEROUS PULP											81	0	81	0	81	0	81	0	81	81
1.4	CHEMICAL PULP TOTAL											258	3	305	11	393	46	398	52	398	398
1.41	UNBLEACHED SULPHITE PULP											53	0	53	0	53	0	53	0	53	53
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP											53	0	53	0	53	0	53	0	53	53
1.42	BLEACHED SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP											0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP											81	0	114	3	189	20	188	26	188	188
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP											10	0	32	0	54	0	10	0	10	10
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP											71	0	82	3	135	20	178	26	178	178
1.44	BLEACHED SULPHATE+SODA PULP											124	3	138	8	151	26	157	26	157	157
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP											104	3	118	8	131	26	137	26	137	137
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP											20	0	20	0	20	0	20	0	20	20
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											10	0	10	0	10	0	10	0	10	10
2.1	PULP OF STRAW											2	0	2	0	2	0	2	0	2	2
2.2	PULP OF BAGASSE											0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO											0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE											0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP											0	0	0	0	0	0	0	0	0	0

PROCESS	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	1716	1741	1764	1773	1777	1780
4.1	350	370	370	370	370	370
4.2	242	247	251	254	257	257
4.21	46	47	49	49	49	49
4.211	27	28	30	30	30	30
4.212	19	19	19	19	19	19
4.22	196	200	202	205	208	208
4.221	42	43	43	43	43	43
4.222	154	157	159	162	165	165
4.3	1124	1124	1143	1149	1150	1153
4.31	122	122	127	133	134	137
4.32	1002	1002	1016	1016	1016	1016
4.321	100	100	100	100	100	100
4.3211	-	-	-	-	-	-
4.32111	-	-	-	-	-	-
4.32112	-	-	-	-	-	-
4.3212	-	-	-	-	-	-
4.322	82	82	82	82	82	82
4.3221	82	82	82	82	82	82
4.3222	0	0	0	0	0	0
4.323	810	810	824	824	824	824
4.3231	-	-	-	-	-	-
4.3232	-	-	-	-	-	-
4.324	10	10	10	10	10	10
4.3241	-	-	-	-	-	-
4.32411	-	-	-	-	-	-
4.32412	-	-	-	-	-	-
4.3242	-	-	-	-	-	-
4.325	-	-	-	-	-	-
4.3251	-	-	-	-	-	-
4.3252	-	-	-	-	-	-
4.33	0	0	0	0	0	0
4.331	0	0	0	0	0	0
4.332	0	0	0	0	0	0

NEW ZEALAND

PROCESS	1983		1984		1985		1986		1987	1988	
	TOTAL OF CAPA- WHICH CITY MARKET PULP										
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	1312	671	1312	671	1342	701	1342	701	1342	1487
1.1	MECHANICAL PULP	591	316	591	316	621	346	621	346	621	706
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	591	316	591	316	621	346	621	346	621	706
1.2	THERMO-MECHANICAL PULP	57	57	57	57	57	57	57	57	57	117
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	57	57	57	57	57	57	57	57	57	117
1.3	SEMI-CHEMICAL PULP	25	5	25	5	25	5	25	5	25	25
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	14	2	14	2	14	2	14	2	14	14
1.32	SEMI-CHEMICAL CONIFEROUS PULP	11	3	11	3	11	3	11	3	11	11
1.4	CHEMICAL PULP TOTAL	639	293	639	293	639	293	639	293	639	639
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	361	161	361	161	361	161	361	161	361	361
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	361	161	361	161	361	161	361	161	361	361
1.44	BLEACHED SULPHATE+SODA PULP	278	132	278	132	278	132	278	132	278	278
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	17	10	17	10	17	10	17	10	17	17
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	261	122	261	122	261	122	261	122	261	261
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	793	793	877	877	1027
4.1	NEWSPRINT	335	335	335	335	335
4.2	OTHER PRINTING AND WRITING PAPER	36	36	36	36	186
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	36	36	36	36	186
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	36	36	36	36	186
4.3	OTHER PAPER AND PAPERBOARD	422	422	506	506	506
4.31	HOUSEHOLD AND SANITARY PAPER	49	49	49	49	49
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	330	330	414	414	414
4.321	LINERBOARD	110	110	110	110	110
4.3211	KRAFT LINER	110	110	110	110	110
4.32111	UNBLEACHED KRAFT LINER	105	105	105	105	105
4.32112	BLEACHED KRAFT LINER	5	5	5	5	5
4.3212	OTHER LINERBOARD	0	0	0	0	0
4.322	FLUTING MEDIUM	28	28	28	28	28
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	28	28	28	28	28
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	68	68	152	152	152
4.3231	SACK KRAFT	57	57	141	141	141
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	11	11	11	11	11
4.324	FOLDING BOXBOARD	124	124	124	124	124
4.3241	PULP BASED FOLDING BOXBOARD	69	69	69	69	69
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	18	18	18	18	18
4.32412	OTHER PULP BASED FOLDING BOXBOARD	51	51	51	51	51
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	55	55	55	55	55
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	43	43	43	43	43
4.331	OTHER PAPER N.E.S.	41	41	41	41	41
4.332	OTHER PAPERBOARD N.E.S.	2	2	2	2	2

WOOD PULP FOR PAPER AND PAPERBOARD (1)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	827	40	1023	70	1473	185	1545	185	1613	1613
ANGOLA	44	32	44	32	44	32	44	32	44	44
CAMEROON	85	70	95	70	95	70	95	70	95	95
GABON	150	125	175	125	175	125	175	125	175	175
KENYA	60	0	60	0	60	0	60	0	60	60
MADAGASCAR	10	0	9	0	9	0	9	0	9	9
MOROCCO	95	95	95	95	95	95	95	95	95	95
NIGERIA	65	0	65	0	65	0	65	0	65	65
SWAZILAND	174	174	175	175	175	175	175	175	175	175
TANZANIA	3	0	19	0	38	0	53	0	60	60
ZIMBABWE	38	1	37	1	37	1	37	1	37	37
CANADA	22676	7440	23229	7621	23408	7604	23470	7698	23601	23601
UNITED STATES	50073	5098	50807	5146	51845	5619	52336	5770	52814	52814
ARGENTINA	590	135	624	151	818	305	834	215	868	868
BRAZIL	3491	1548	3577	1577	3746	1632	3900	1704	4140	4270
CHILE	851	507	844	492	878	525	938	570	945	952
COLOMBIA	153	0	163	0	163	0	163	0	163	163
COSTA RICA	4	0	6	0	8	0	8	0	8	8
ECUADOR	6	0	6	0	6	0	6	0	6	6
MEXICO	620	0	622	0	656	0	731	0	761	761
PANAMA	2	-	2	-	2	-	2	-	2	2
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	33	0	33	0	33	0	33	0	33	33
VENEZUELA	35	0	35	0	35	0	35	0	35	35
CHINA	1093	-	1125	-	1182	-	1182	-	1182	1182
KOREA DEM PEOPLES REP	56	0	56	0	56	0	56	0	56	56
VIET-NAME	18	0	21	0	26	0	31	0	44	44
JAPAN	12006	1058	11909	1058	12089	1058	12158	1058	12158	12158
BANGLADESH	40	0	40	0	40	0	40	0	61	61
INDIA	593	66	624	66	664	70	724	70	750	750
INDONESIA	69	0	169	50	169	50	204	75	204	204
IRAN	120	0	120	0	225	0	225	0	225	225
KOREA, REPUBLIC OF	325	105	362	105	362	105	362	105	362	362
PAKISTAN	-	-	-	-	-	-	-	-	30	30
PHILIPPINES	283	0	283	0	283	0	283	0	283	283
SRI LANKA	0	0	0	0	0	0	7	0	8	8
THAILAND	0	0	54	0	69	0	77	0	77	77
TURKEY	461	0	466	0	522	0	522	0	522	522
ALBANIA	10	0	10	0	10	0	10	0	10	10
BULGARIA	275	107	275	107	275	107	275	107	275	275
CZECHOSLOVAKIA	1185	513	1183	513	1183	513	1183	513	1183	1183
GERMAN DEMOCRATIC REP	1020	0	1020	0	1020	0	1020	0	1020	1020
HUNGARY	87	0	85	0	103	0	103	0	103	103
POLAND	947	0	947	0	928	0	986	0	1025	1025
ROMANIA	830	37	830	37	830	37	830	37	830	830
BELGIUM - LUXEMBOURG	425	240	425	240	425	240	425	240	425	425
DENMARK	65	65	70	70	70	70	70	70	70	70
FRANCE	2095	750	2125	770	2200	780	2340	830	2340	2340
GERMANY, FEDERAL REP OF	1943	78	1967	78	2027	77	2057	63	2079	2085
IRELAND	22	17	22	17	22	17	22	17	22	22
ITALY	890	-	920	-	920	-	920	-	920	920
NETHERLANDS	150	0	150	0	150	0	236	0	266	266
UNITED KINGDOM	196	0	196	0	266	0	341	0	376	376
FINLAND	8527	2040	8750	1875	8905	1805	8960	1850	9055	9065
NORWAY	1980	495	2050	585	2100	615	2150	615	2150	2150
SWEDEN	9365	3875	9615	3965	9930	4045	10265	4130	10450	10505
AUSTRIA	1222	275	1292	-	1292	-	1292	-	1292	1292
GREECE	90	0	90	0	90	0	90	0	90	90
PORTUGAL	1020	801	1105	867	1296	1047	1312	1047	1312	1312
SPAIN	1497	720	1510	725	1515	725	1525	725	1600	1730
SWITZERLAND	325	120	325	120	330	125	330	125	335	335
YUGOSLAVIA	706	-	706	-	706	-	706	-	706	706
AUSTRALIA	1014	10	1085	18	1177	82	1183	108	1183	1183
NEW ZEALAND	1312	671	1312	671	1342	701	1342	701	1342	1487
USSR	11645	2000	12050	2000	12050	2000	12050	2000	12050	12050

MECHANICAL PULP (1.1)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	204	0	225	0	225	0	225	0	225	225
MADAGASCAR	6	0	6	0	6	0	6	0	6	6
TANZANIA	3	0	7	0	12	0	17	0	18	18
ZIMBABWE	24	0	24	0	24	0	24	0	24	24
CANADA	6384	418	6293	527	6216	527	5877	527	5768	5768
UNITED STATES	3935	13	3949	13	3957	13	3961	13	3961	3961
ARGENTINA	50	5	50	5	50	5	50	5	50	50
BRAZIL	289	64	299	65	337	69	348	69	352	352
CHILE	187	0	187	0	187	0	187	0	187	187
COSTA RICA	4	0	6	0	8	0	8	0	8	8
ECUADOR	6	0	6	0	6	0	6	0	6	6
MEXICO	79	0	79	0	109	0	169	0	199	199
PANAMA	-	-	-	-	-	-	-	-	-	-
URUGUAY	10	0	10	0	10	0	10	0	10	10
VENEZUELA	35	0	35	0	35	0	35	0	35	35
CHINA	310	-	310	-	332	-	332	-	332	332
KOREA DEM PEOPLES REP	13	0	13	0	13	0	13	0	13	13
VIET-NAME	5	0	5	0	5	0	5	0	5	5
JAPAN	1551	25	1551	25	1551	25	1551	25	1551	1551
INDIA	75	0	77	0	77	0	77	0	80	80
INDONESIA	6	0	6	0	6	0	6	0	6	6
KOREA, REPUBLIC OF	220	0	257	0	257	0	257	0	257	257
PHILIPPINES	46	0	46	0	46	0	46	0	46	46
TURKEY	126	0	126	0	176	0	176	0	176	176
BULGARIA	25	7	25	7	25	7	25	7	25	25
CZECHOSLOVAKIA	176	2	174	2	174	2	174	2	174	174
GERMAN DEMOCRATIC REP	445	0	445	0	445	0	445	0	445	445
HUNGARY	13	0	16	0	27	0	27	0	27	27
POLAND	162	0	162	0	173	0	173	0	173	173
ROMANIA	128	0	128	0	128	0	128	0	128	128
BELGIUM - LUXEMBOURG	157	0	157	0	157	0	157	0	157	157
FRANCE	520	0	520	0	520	0	520	0	520	520
GERMANY, FEDERAL REP OF	1297	7	1300	7	1359	7	1418	7	1432	1435
ITALY	650	-	650	-	650	-	650	-	650	650
NETHERLANDS	86	0	86	0	86	0	86	0	86	86
UNITED KINGDOM	-	0	-	0	-	0	-	0	-	-
FINLAND	2667	50	2830	50	2795	50	2755	50	2760	2760
NORWAY	850	200	850	200	870	200	890	200	890	890
SWEDEN	1390	345	1195	350	1145	355	1070	355	1075	1075
AUSTRIA	240	1	255	-	255	-	255	-	255	255
SPAIN	275	50	275	50	280	50	290	50	340	345
SWITZERLAND	215	10	215	10	220	15	220	15	225	225
YUGOSLAVIA	144	-	144	-	144	-	144	-	144	144
AUSTRALIA	149	1	149	1	149	1	149	1	149	149
NEW ZEALAND	591	316	591	316	621	346	621	346	621	706
USSR	2325	0	2360	0	2360	0	2360	0	2360	2360

MECHANICAL NON-CONIFEROUS PULP (1.11)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
CANADA	-	-	-	-	-	-	-	-	-	-
UNITED STATES	197	13	197	13	198	13	198	13	198	198
ARGENTINA	50	5	50	5	50	5	50	5	50	50
BRAZIL	20	0	20	0	20	0	20	0	20	20
ECUADOR	6	0	6	0	6	0	6	0	6	6
MEXICO	-	-	-	-	-	-	-	-	-	-
URUGUAY	10	0	10	0	10	0	10	0	10	10
VENEZUELA	35	0	35	0	35	0	35	0	35	35
CHINA	57	-	57	-	57	-	57	-	57	57
KOREA DEM PEOPLES REP	-	0	-	0	-	0	-	0	-	-
VIET-NAME	-	0	-	0	-	0	-	0	-	-
INDIA	75	0	77	0	77	0	77	0	80	80
KOREA, REPUBLIC OF	-	-	-	-	-	-	-	-	-	-
PHILIPPINES	-	0	-	0	-	0	-	0	-	-
BULGARIA	-	-	-	-	-	-	-	-	-	-
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
HUNGARY	4	0	5	0	8	0	8	0	8	8
ROMANIA	16	0	16	0	16	0	16	0	16	16
ITALY	-	-	-	-	-	-	-	-	-	-
NETHERLANDS	20	0	20	0	20	0	20	0	20	20
SPAIN	-	-	-	-	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-	-	-	-	-
AUSTRALIA	100	0	100	0	100	0	100	0	100	100
USSR	-	0	-	0	-	0	-	0	-	-

MECHANICAL CONIFEROUS PULP (1-12)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	204	0	225	0	225	0	225	0	225	225
MADAGASCAR	6	0	6	0	6	0	6	0	6	6
TANZANIA	3	0	7	0	12	0	17	0	18	18
ZIMBABWE	24	0	24	0	24	0	24	0	24	24
CANADA	-	-	-	-	-	-	-	-	-	-
UNITED STATES	3738	0	3752	0	3759	0	3763	0	3763	3763
BRAZIL	269	64	279	65	317	69	328	69	332	332
CHILE	187	0	187	0	187	0	187	0	187	187
COSTA RICA	0	0	2	0	6	0	8	0	8	8
MEXICO	-	-	-	-	-	-	-	-	-	-
CHINA	253	-	253	-	275	-	275	-	275	275
KOREA DEM PEOPLES REP	-	0	-	0	-	0	-	0	-	-
VIET-NAME	-	0	-	0	-	0	-	0	-	-
JAPAN	1551	25	1551	25	1551	25	1551	25	1551	1551
INDONESIA	6	0	6	0	6	0	6	0	6	6
KOREA, REPUBLIC OF	-	-	-	-	-	-	-	-	-	-
PHILIPPINES	-	0	-	0	-	0	-	0	-	-
TURKEY	126	0	126	0	176	0	176	0	176	176
BULGARIA	-	-	-	-	-	-	-	-	-	-
CZECHOSLOVAKIA	176	2	174	2	174	2	174	2	174	174
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
HUNGARY	9	0	11	0	19	0	19	0	19	19
POLAND	162	0	162	0	173	0	173	0	173	173
ROMANIA	112	0	112	0	112	0	112	0	112	112
BELGIUM - LUXEMBOURG	157	0	157	0	157	0	157	0	157	157
FRANCE	520	0	520	0	520	0	520	0	520	520
GERMANY, FEDERAL REP OF	1297	7	1300	7	1359	7	1418	7	1432	1435
ITALY	-	-	-	-	-	-	-	-	-	-
NETHERLANDS	66	0	66	0	66	0	66	0	66	66
UNITED KINGDOM	-	0	-	0	-	0	-	0	-	-
FINLAND	2667	50	2830	50	2795	50	2755	50	2760	2760
NORWAY	850	200	850	200	870	200	890	200	890	890
SWEDEN	1390	345	1195	350	1145	355	1070	355	1075	1075
AUSTRIA	240	1	255	-	255	-	255	-	255	255
SPAIN	-	-	-	-	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-	-	-	-	-
AUSTRALIA	49	1	49	1	49	1	49	1	49	49
NEW ZEALAND	591	316	591	316	621	346	621	346	621	706
USSR	-	0	-	0	-	0	-	0	-	-

THERMO-MECHANICAL PULP (1.2)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	150	0	150	0	150	0	150	0	150	150
CANADA	3135	0	3596	0	3835	0	4176	0	4406	4406
UNITED STATES	1987	0	2167	0	2173	0	2232	0	2273	2273
BRAZIL	43	10	55	10	128	15	147	20	157	157
PANAMA	-	-	-	-	-	-	-	-	-	-
CHINA	33	-	35	-	50	-	50	-	50	50
VIET-NAME	-	0	-	0	-	0	-	0	12	12
JAPAN	995	0	995	0	995	0	995	0	995	995
INDIA	50	0	50	0	50	0	80	0	80	80
PHILIPPINES	18	0	18	0	18	0	18	0	18	18
THAILAND	0	0	42	0	54	0	60	0	60	60
TURKEY	80	0	80	0	80	0	80	0	80	80
IRELAND	22	17	22	17	22	17	22	17	22	22
NETHERLANDS	64	0	64	0	64	0	150	0	180	180
FINLAND	885	0	905	0	965	0	975	35	975	975
NORWAY	480	30	530	30	530	30	560	30	560	560
SWEDEN	890	105	1205	160	1395	185	1670	230	1780	1805
GREECE	90	0	90	0	90	0	90	0	90	90
SPAIN	50	50	50	50	50	50	50	50	50	50
AUSTRALIA	231	0	251	0	251	0	251	0	251	251
NEW ZEALAND	57	57	57	57	57	57	57	57	57	117
USSR	120	0	140	0	140	0	140	0	140	140

THERMO-MECHANICAL NON-COMIFEROUS PULP (1.21)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
CANADA	-	-	-	-	-	-	-	-	-	-
UNITED STATES	99	0	108	0	109	0	112	0	114	114
VIET-NAM	0	0	0	0	0	0	0	0	-	-
INDIA	50	0	50	0	50	0	80	0	80	80
PHILIPPINES	-	0	-	0	-	0	-	0	-	-
IRELAND	-	-	-	-	-	-	-	-	-	-
GREECE	-	0	-	0	-	0	-	0	-	-
SPAIN	-	-	-	-	-	-	-	-	-	-
USSR	-	0	-	0	-	0	-	0	-	-

THERMO-MECHANICAL CONIFEROUS PULP (1.22)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	150	0	150	0	150	0	150	0	150	150
CANADA	-	-	-	-	-	-	-	-	-	-
UNITED STATES	1888	0	2059	0	2064	0	2120	0	2159	2159
BRAZIL	43	10	55	10	128	15	147	20	157	157
CHINA	33	-	35	-	50	-	50	-	50	50
VIET-NAM	0	0	0	0	0	0	0	0	-	-
JAPAN	995	0	995	0	995	0	995	0	995	995
PHILIPPINES	-	0	-	0	-	0	-	0	-	-
THAILAND	0	0	42	0	54	0	60	0	60	60
TURKEY	80	0	80	0	80	0	80	0	80	80
IRELAND	-	-	-	-	-	-	-	-	-	-
NETHERLANDS	64	0	64	0	64	0	150	0	180	180
FINLAND	885	0	905	0	965	0	975	35	975	975
NORWAY	480	30	530	30	530	30	560	30	560	560
SWEDEN	890	105	1205	160	1395	185	1670	230	1780	1805
GREECE	-	0	-	0	-	0	-	0	-	-
SPAIN	-	-	-	-	-	-	-	-	-	-
AUSTRALIA	231	0	251	0	251	0	251	0	251	251
NEW ZEALAND	57	57	57	57	57	57	57	57	57	117
USSR	-	0	-	0	-	0	-	0	-	-

SEMI-CHEMICAL PULP (1.3)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	165	0	165	0	165	0	165	0	165	165
MADAGASCAR	4	0	3	0	3	0	3	0	3	3
NIGERIA	8	0	25	0	25	0	25	0	25	25
ZIMBABWE	14	1	13	1	13	1	13	1	13	13
CANADA	462	0	466	0	474	0	474	0	474	474
UNITED STATES	4161	0	4202	0	4213	0	4226	0	4235	4235
ARGENTINA	200	10	200	10	240	10	240	10	240	240
BRAZIL	150	7	150	7	150	7	150	7	150	150
CHILE	0	0	0	0	23	0	26	0	26	32
COLOMBIA	34	0	34	0	34	0	34	0	34	34
PANAMA	-	-	-	-	-	-	-	-	-	-
URUGUAY	5	0	5	0	5	0	5	0	5	5
JAPAN	1478	50	1336	50	1336	50	1336	50	1336	1336
BANGLADESH	22	0	22	0	22	0	22	0	40	40
INDIA	75	0	77	0	77	0	77	0	80	80
INDONESIA	44	0	44	0	44	0	79	0	79	79
IRAN	0	0	0	0	90	0	90	0	90	90
THAILAND	0	0	12	0	15	0	17	0	17	17
TURKEY	28	0	28	0	28	0	28	0	28	28
BULGARIA	90	50	90	50	90	50	90	50	90	90
CZECHOSLOVAKIA	127	0	127	0	127	0	127	0	127	127
GERMAN DEMOCRATIC REP	5	0	5	0	5	0	5	0	5	5
HUNGARY	61	0	59	0	65	0	65	0	65	65
POLAND	89	0	89	0	89	0	110	0	144	144
ROMANIA	44	0	44	0	44	0	44	0	44	44
DENMARK	65	65	70	70	70	70	70	70	70	70
FRANCE	125	0	125	0	140	0	150	0	150	150
GERMANY, FEDERAL REP OF	79	0	79	0	79	0	79	0	79	80
ITALY	120	-	140	-	140	-	140	-	140	140
UNITED KINGDOM	-	0	-	0	-	0	-	0	-	-
FINLAND	345	0	345	0	390	0	395	0	395	395
NORWAY	80	35	80	35	80	35	80	35	80	80
SWEDEN	250	0	250	0	270	0	275	0	275	275
AUSTRIA	-	-	-	-	-	-	-	-	-	-
SPAIN	50	0	50	0	50	0	50	0	50	50
YUGOSLAVIA	68	-	68	-	68	-	68	-	68	68
AUSTRALIA	376	6	380	6	384	35	385	55	385	385
NEW ZEALAND	25	5	25	5	25	5	25	5	25	25
USSR	800	0	850	0	850	0	850	0	850	850

SEMI-CHEMICAL NON-CONIFEROUS PULP (1.31)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	165	0	165	0	165	0	165	0	165	165
MADAGASCAR	4	0	3	0	3	0	3	0	3	3
NIGERIA	8	0	25	0	25	0	25	0	25	25
ZIMBABWE	14	1	11	1	11	1	11	1	11	11
CANADA	-	-	-	-	-	-	-	-	-	-
UNITED STATES	4161	0	4202	0	4213	0	4226	0	4235	4235
ARGENTINA	200	10	200	10	240	10	240	10	240	240
BRAZIL	99	0	99	0	99	0	99	0	99	99
CHILE	0	0	0	0	23	0	26	0	26	32
COLOMBIA	30	0	30	0	30	0	30	0	30	30
URUGUAY	-	0	-	0	-	0	-	0	-	-
JAPAN	1139	50	1030	50	1030	50	1030	50	1030	1030
BANGLADESH	-	0	-	0	-	0	-	0	40	40
INDIA	75	0	77	0	77	0	77	0	80	80
INDONESIA	44	0	44	0	44	0	79	0	79	79
IRAN	0	0	0	0	90	0	90	0	90	90
THAILAND	0	0	12	0	15	0	17	0	17	17
TURKEY	28	0	28	0	28	0	28	0	28	28
BULGARIA	90	50	90	50	90	50	90	50	90	90
CZECHOSLOVAKIA	127	0	127	0	127	0	127	0	127	127
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
HUNGARY	61	0	59	0	65	0	65	0	65	65
POLAND	89	0	89	0	89	0	110	0	144	144
ROMANIA	44	0	44	0	44	0	44	0	44	44
DENMARK	65	65	70	70	70	70	70	70	70	70
FRANCE	125	0	125	0	140	0	150	0	150	150
GERMANY, FEDERAL REP OF	67	0	67	0	67	0	67	0	67	68
ITALY	-	-	-	-	-	-	-	-	-	-
UNITED KINGDOM	-	0	-	0	-	0	-	0	-	-
FINLAND	345	0	345	0	390	0	395	0	395	395
NORWAY	80	35	80	35	80	35	80	35	80	80
SWEDEN	250	0	250	0	270	0	275	0	275	275
AUSTRIA	-	-	-	-	-	-	-	-	-	-
SPAIN	50	0	50	0	50	0	50	0	50	50
YUGOSLAVIA	-	-	-	-	-	-	-	-	-	-
AUSTRALIA	295	6	299	6	303	35	304	55	304	304
NEW ZEALAND	14	2	14	2	14	2	14	2	14	14
USSR	-	0	-	0	-	0	-	0	-	-

SEMI-CHEMICAL CONIFEROUS PULP (1.32)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
ZIMBABWE	0	0	2	0	2	0	2	0	2	2
CANADA	-	-	-	-	-	-	-	-	-	-
BRAZIL	51	7	51	7	51	7	51	7	51	51
COLOMBIA	4	0	4	0	4	0	4	0	4	4
URUGUAY	-	0	-	0	-	0	-	0	-	-
JAPAN	339	0	306	0	306	0	306	0	306	306
SRI LANKA	0	0	0	0	0	0	-	0	-	-
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
GERMANY, FEDERAL REP OF	12	0	12	0	12	0	12	0	12	12
ITALY	-	-	-	-	-	-	-	-	-	-
AUSTRIA	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-	-	-	-	-
AUSTRALIA	81	0	81	0	81	0	81	0	81	81
NEW ZEALAND	11	3	11	3	11	3	11	3	11	11
USSR	-	0	-	0	-	0	-	0	-	-

CHEMICAL PULP TOTAL (1.4)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	308	40	483	70	933	185	1005	185	1073	1073
ANGOLA	44	32	44	32	44	32	44	32	44	44
CAMEROON	85	70	95	70	95	70	95	70	95	95
GABON	150	125	175	125	175	125	175	125	175	175
KENYA	60	0	60	0	60	0	60	0	60	60
MOROCCO	95	95	95	95	95	95	95	95	95	95
NIGERIA	12	0	40	0	40	0	40	0	40	40
SWAZILAND	174	174	175	175	175	175	175	175	175	175
TANZANIA	0	0	12	0	26	0	36	0	42	42
CANADA	12695	7022	12874	7094	12883	7077	12943	7171	12953	12953
UNITED STATES	39990	5085	40489	5133	41502	5606	41917	5757	42345	42345
ARGENTINA	340	120	374	136	528	290	544	200	578	578
BRAZIL	3009	1467	3073	1495	3131	1541	3255	1608	3481	3611
CHILE	664	507	657	492	668	525	725	570	732	733
COLOMBIA	119	0	129	0	129	0	129	0	129	129
MEXICO	541	0	543	0	547	0	562	0	562	562
PANAMA	-	-	-	-	-	-	-	-	-	-
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	18	0	18	0	18	0	18	0	18	18
CHINA	750	-	780	-	800	-	800	-	800	800
KOREA DEM PEOPLES REP	43	0	43	0	43	0	43	0	43	43
VIET-NAME	13	0	16	0	21	0	26	0	27	27
JAPAN	7982	983	8027	983	8207	983	8276	983	8276	8276
BANGLADESH	0	0	0	0	0	0	0	0	21	21
INDIA	393	66	420	66	460	70	490	70	510	510
INDONESIA	19	0	119	50	119	50	119	75	119	119
IRAN	120	0	120	0	135	0	135	0	135	135
KOREA, REPUBLIC OF	105	105	105	105	105	105	105	105	105	105
PAKISTAN	-	-	-	-	-	-	-	-	30	30
PHILIPPINES	219	0	219	0	219	0	219	0	219	219
TURKEY	227	0	232	0	238	0	238	0	238	238
ALBANIA	10	0	10	0	10	0	10	0	10	10
BULGARIA	160	50	160	50	160	50	160	50	160	160
CZECHOSLOVAKIA	882	511	882	511	882	511	882	511	882	882
GERMAN DEMOCRATIC REP	570	0	570	0	570	0	570	0	570	570
HUNGARY	13	0	10	0	11	0	11	0	11	11
POLAND	696	0	696	0	666	0	703	0	708	708
ROMANIA	658	37	658	37	658	37	658	37	658	658
BELGIUM - LUXEMBOURG	268	240	268	240	268	240	268	240	268	268
FRANCE	1450	750	1480	770	1540	780	1670	830	1670	1670
GERMANY, FEDERAL REP OF	567	71	588	71	589	70	560	56	568	570
ITALY	120	-	130	-	130	-	130	-	130	130
FINLAND	4630	1990	4670	1825	4755	1755	4835	1765	4925	4935
NORWAY	570	230	590	320	620	350	620	350	620	620
SWEDEN	6835	3425	6965	3455	7120	3505	7250	3545	7320	7350
AUSTRIA	982	274	1037	-	1037	-	1037	-	1037	1037
PORTUGAL	1020	801	1105	867	1296	1047	1312	1047	1312	1312
SPAIN	1122	620	1135	625	1135	625	1135	625	1160	1285
SWITZERLAND	110	110	110	110	110	110	110	110	110	110
YUGOSLAVIA	494	-	494	-	494	-	494	-	494	494
AUSTRALIA	258	3	305	11	393	46	398	52	398	398
NEW ZEALAND	639	293	639	293	639	293	639	293	639	639
USSR	8400	2000	8700	2000	8700	2000	8700	2000	8700	8700

UNBLEACHED SULPHITE PULP (1.41)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
CANADA	1734	72	1640	45	1593	62	1551	62	1512	1512
UNITED STATES	363	0	316	0	311	0	311	0	311	311
BRAZIL	25	7	17	5	17	5	17	5	17	17
MEXICO	20	0	20	0	20	0	20	0	20	20
CHINA	.	.	.	.	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	0	.	0	.	0	.	0	.	.
JAPAN	215	24	215	24	215	24	215	24	215	215
IRAN	0	0	0	0	15	0	15	0	15	15
TURKEY	24	0	24	0	24	0	24	0	24	24
ALBANIA	.	0	.	0	.	0	.	0	.	.
CZECHOSLOVAKIA	135	50	135	50	135	50	135	50	135	135
GERMAN DEMOCRATIC REP	.	0	.	0	.	0	.	0	.	.
HUNGARY	12	0	10	0	11	0	11	0	11	11
POLAND	32	0	32	0	33	0	33	0	33	33
ROMANIA	57	.	57	.	57	.	57	.	57	57
GERMANY, FEDERAL REP OF	4	0	4	0	4	0	4	0	4	4
ITALY	.	.	.	.	.	.	.	.	.	.
FINLAND	225	135	215	135	210	130	205	135	205	195
NORWAY	70	20	70	20	70	20	70	20	70	70
SWEDEN	285	75	215	70	185	75	185	75	185	185
AUSTRIA	104	6	94	.	94	.	94	.	94	94
SWITZERLAND	.	.	.	.	.	.	.	.	.	.
YUGOSLAVIA	57	.	57	.	57	.	57	.	57	57
AUSTRALIA	53	0	53	0	53	0	53	0	53	53
USSR	3050	350	3100	350	3100	350	3100	350	3100	3100

UNBLEACHED SULPHATE PULP (1.43)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	162	5	194	0	389	0	404	0	419	419
ANGOLA	7	0	7	0	7	0	7	0	7	7
KENYA	30	0	30	0	30	0	30	0	30	30
NIGERIA	12	0	40	0	40	0	40	0	40	40
SWAZILAND	174	174	175	175	175	175	175	175	175	175
TANZANIA	0	0	6	0	13	0	18	0	21	21
CANADA	1722	208	1760	220	1772	225	1774	225	1776	1776
UNITED STATES	19262	130	19253	130	19429	130	19479	130	19519	19519
ARGENTINA	120	0	138	0	258	120	274	30	308	308
BRAZIL	783	71	823	74	872	84	942	94	987	1039
CHILE	290	241	285	228	285	230	283	230	283	283
COLOMBIA	99	0	79	0	79	0	79	0	79	79
MEXICO	220	0	222	0	225	0	239	0	239	239
URUGUAY	3	0	3	0	3	0	3	0	3	3
CHINA	-	-	-	-	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	0	-	0	-	0	-	0	-	-
VIET-NAME	5	0	5	0	5	0	5	0	5	5
JAPAN	3186	303	3170	303	3170	303	3170	303	3170	3170
INDIA	193	30	200	30	210	30	230	30	250	250
INDONESIA	3	0	3	0	3	0	3	0	3	3
IRAN	120	0	120	0	120	0	120	0	120	120
PHILIPPINES	137	0	137	0	137	0	137	0	137	137
SRI LANKA	0	0	0	0	0	0	0	0	0	0
TURKEY	113	0	118	0	124	0	124	0	124	124
ALBANIA	-	0	-	0	-	0	-	0	-	-
BULGARIA	160	50	160	50	160	50	160	50	160	160
CZECHOSLOVAKIA	180	0	180	0	180	0	180	0	180	180
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
POLAND	365	0	365	0	334	0	365	0	370	370
ROMANIA	328	-	328	-	328	-	328	-	328	328
FRANCE	490	0	500	0	500	0	550	0	550	550
ITALY	-	-	-	-	-	-	-	-	-	-
FINLAND	1030	200	960	150	945	145	975	145	845	845
NORWAY	150	0	150	0	150	0	150	0	150	150
SWEDEN	2415	365	2290	225	2375	250	2360	225	2345	2350
AUSTRIA	311	38	324	-	324	-	324	-	324	324
PORTUGAL	305	92	330	92	341	92	357	92	357	357
SPAIN	330	45	320	20	310	10	300	0	275	275
SWITZERLAND	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	156	-	156	-	156	-	156	-	156	156
AUSTRALIA	81	0	114	3	189	20	188	26	188	188
NEW ZEALAND	361	161	361	161	361	161	361	161	361	361
USSR	3850	1500	4000	1500	4000	1500	4000	1500	4000	4000

BLEACHED SULPHATE+SODA PULP (1.44)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	146	35	289	70	544	185	601	185	654	654
ANGOLA	37	32	37	32	37	32	37	32	37	37
CAMEROON	85	70	95	70	95	70	95	70	95	95
GABON	150	125	175	125	175	125	175	125	175	175
KENYA	30	0	30	0	30	0	30	0	30	30
MOROCCO	95	95	95	95	95	95	95	95	95	95
TANZANIA	0	0	6	0	13	0	18	0	21	21
CANADA	8782	6436	9013	6520	9031	6465	9129	6557	9174	9174
UNITED STATES	19147	4704	19678	4752	20506	5225	20871	5376	21259	21259
ARGENTINA	180	120	196	136	230	170	230	170	230	230
BRAZIL	2168	1362	2212	1395	2221	1431	2275	1488	2456	2534
CHILE	352	266	350	264	383	295	442	340	449	450
COLOMBIA	20	0	50	0	50	0	50	0	50	50
MEXICO	301	0	301	0	302	0	303	0	303	303
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	15	0	15	0	15	0	15	0	15	15
CHINA	-	-	-	-	-	-	-	-	-	-
KOREA DEM PEOPLES REP	43	0	43	0	43	0	43	0	43	43
VIET-NAME	8	0	11	0	16	0	21	0	22	22
JAPAN	4581	656	4642	656	4822	656	4891	656	4891	4891
BANGLADESH	0	0	0	0	0	0	0	0	21	21
INDIA	200	36	220	36	250	40	260	40	260	260
INDONESIA	16	0	116	50	116	50	116	75	116	116
KOREA, REPUBLIC OF	105	105	105	105	105	105	105	105	105	105
PAKISTAN	-	-	-	-	-	-	-	-	30	30
PHILIPPINES	82	0	82	0	82	0	82	0	82	82
SRI LANKA	0	0	0	0	0	0	0	0	-	-
TURKEY	70	0	70	0	70	0	70	0	70	70
ALBANIA	-	0	-	0	-	0	-	0	-	-
CZECHOSLOVAKIA	326	234	326	234	326	234	326	234	326	326
GERMAN DEMOCRATIC REP	-	0	-	0	-	0	-	0	-	-
POLAND	228	0	228	0	228	0	228	0	228	228
ROMANIA	195	-	195	-	195	-	195	-	195	195
BELGIUM - LUXEMBOURG	240	240	240	240	240	240	240	240	240	240
FRANCE	730	530	750	550	800	550	880	600	880	880
ITALY	-	-	-	-	-	-	-	-	-	-
FINLAND	3225	1600	3350	1480	3480	1435	3585	1460	3805	3815
NORWAY	250	160	270	250	300	280	300	280	300	300
SWEDEN	3585	2585	3890	2745	3980	2760	4120	2825	4205	4230
AUSTRIA	8	-	50	-	50	-	50	-	50	50
PORTUGAL	615	615	675	675	855	855	855	855	855	855
SPAIN	767	550	790	580	800	590	810	600	860	985
SWITZERLAND	-	-	-	-	-	-	-	-	-	-
YUGOSLAVIA	207	-	207	-	207	-	207	-	207	207
AUSTRALIA	124	3	138	8	151	26	157	26	157	157
NEW ZEALAND	278	132	278	132	278	132	278	132	278	278
USSR	1500	150	1600	150	1600	150	1600	150	1600	1600

PULP OF OTHER FIBRE FOR PAPER AND BOARD (2)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	102	0	102	0	102	0	102	0	102	102
ALGERIA	112	44	112	44	112	44	112	44	112	112
EGYPT	85	18	85	18	85	18	85	18	85	85
TUNISIA	23	8	23	8	23	8	23	8	23	23
UNITED STATES	344	-	362	-	376	-	381	-	381	381
ARGENTINA	115	0	120	0	140	0	140	0	140	140
BOLIVIA	1	0	1	0	1	0	1	0	1	1
BRAZIL	363	71	400	71	426	71	435	71	437	437
COLOMBIA	96	0	115	0	156	0	166	0	170	170
CUBA	68	0	88	0	88	0	88	0	88	88
ECUADOR	15	0	15	0	15	0	15	0	15	15
MEXICO	349	0	384	0	422	0	422	0	442	457
PARAGUAY	12	-	12	-	12	-	12	-	12	12
PERU	296	0	308	0	308	0	308	0	320	320
VENEZUELA	125	0	125	0	125	0	125	0	125	125
CHINA	3061	-	3275	-	3448	-	3448	-	3448	3448
KAMPUCHEA, DEMOCRATIC	6	0	6	0	6	0	6	0	6	6
KOREA DEM PEOPLES REP	50	0	50	0	50	0	50	0	50	50
MONGOLIA	2	0	2	0	2	0	2	0	2	2
VIET-NAM	49	0	52	0	57	0	62	0	63	63
JAPAN	4	4	4	4	4	4	4	4	4	4
BANGLADESH	77	27	77	27	77	27	77	27	58	58
BURMA	17	0	18	0	18	0	18	0	18	18
INDIA	1640	30	1710	40	1830	40	2040	40	2040	2040
INDONESIA	99	0	165	0	165	0	205	0	205	205
IRAN	60	0	60	0	60	0	60	0	60	60
IRAQ	92	0	101	0	101	0	101	0	101	101
PAKISTAN	108	0	108	0	132	0	132	0	264	264
PHILIPPINES	32	0	32	0	32	0	32	0	32	32
SRI LANKA	10	0	13	0	16	0	17	0	17	18
SYRIA	32	0	32	0	32	0	32	0	32	32
THAILAND	103	87	111	94	110	94	111	94	111	111
TURKEY	103	0	103	0	103	0	103	0	103	103
ALBANIA	5	0	5	0	5	0	5	0	5	5
BULGARIA	28	16	28	16	28	16	28	16	28	28
CZECHOSLOVAKIA	25	1	25	1	25	1	25	1	25	25
GERMAN DEMOCRATIC REP	73	0	77	0	77	0	77	0	77	77
HUNGARY	15	0	5	0	0	0	30	0	30	30
POLAND	3	0	3	0	3	0	3	0	3	3
ROMANIA	102	0	102	0	102	0	102	0	102	102
DENMARK	65	32	65	32	70	32	75	32	76	76
FRANCE	20	15	20	15	20	15	20	15	20	20
ITALY	360	-	330	-	310	-	290	-	290	290
NETHERLANDS	2	0	2	0	2	0	2	0	2	2
UNITED KINGDOM	17	0	17	0	17	0	17	0	17	17
GREECE	32	0	32	0	32	0	32	0	32	32
PORTUGAL	52	0	63	0	63	0	63	0	63	63
SPAIN	127	10	127	10	127	10	129	10	129	129
YUGOSLAVIA	28	0	28	0	28	0	28	0	28	28
AUSTRALIA	10	0	10	0	10	0	10	0	10	10
USSR	600	-	625	-	625	-	625	-	625	625

DISSOLVING PULP, WOOD+OTHER RAW MATERIALS (3)

COUNTRY	1983		1984		1985		1986		1987	1988
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
SOUTH AFRICA	440	440	485	485	485	485	500	485	500	500
CANADA	201	201	214	214	222	222	227	227	277	232
UNITED STATES	1455	1446	1455	1446	1455	1446	1455	1446	1455	1455
ARGENTINA	14	0	14	0	14	0	14	0	14	14
BRAZIL	42	10	62	30	62	30	62	30	62	62
CUBA	1	0	1	0	1	0	1	0	1	1
CHINA	30	-	30	-	30	-	30	-	30	30
JAPAN	449	383	449	383	449	383	449	383	449	449
BANGLADESH	5	0	5	0	5	0	5	0	5	5
INDIA	175	30	175	30	200	50	220	50	250	250
TURKEY	15	0	15	0	15	0	15	0	15	15
BULGARIA	40	0	40	0	40	0	40	0	40	40
CZECHOSLOVAKIA	78	75	65	75	65	75	65	75	65	65
GERMAN DEMOCRATIC REP	220	-	220	-	220	-	220	-	220	220
POLAND	67	0	67	0	67	0	67	0	67	67
ROMANIA	127	127	127	127	127	127	127	127	127	127
FRANCE	10	10	10	10	10	10	10	10	10	10
GERMANY, FEDERAL REP OF	182	182	188	188	189	189	191	191	191	191
ITALY	60	-	60	-	60	-	60	-	60	60
UNITED KINGDOM	-	-	-	-	-	-	-	-	-	-
FINLAND	345	335	335	325	315	305	270	260	275	285
NORWAY	160	160	170	170	170	170	170	170	170	170
SWEDEN	75	75	75	75	75	75	75	75	75	75
AUSTRIA	141	10	141	-	141	-	141	-	141	141
SPAIN	40	40	40	40	40	40	40	40	40	40
YUGOSLAVIA	105	-	105	-	105	-	105	-	105	105
USSR	1625	1550	1700	1550	1700	1550	1700	1550	1700	1700

PAPER AND PAPERBOARD (4)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	1520	1615	1952	2072	2113	2113
ALGERIA	256	273	273	273	273	273
ANGOLA	19	19	19	19	19	19
CAMBODIUM	5	5	5	5	5	5
EGYPT	197	205	241	241	241	241
ETHIOPIA	10	10	10	10	10	10
KENYA	79	89	89	89	89	89
LIBYA	5	5	5	5	5	5
MADAGASCAR	14	14	14	14	14	14
MOROCCO	159	159	159	159	159	159
MOZAMBIQUE	5	8	8	10	10	10
NIGERIA	30	63	63	63	63	63
SUDAN	8	8	8	8	8	8
TANZANIA	15	35	52	66	75	75
TUNISIA	36	41	48	55	55	55
UGANDA	7	7	7	7	7	7
ZAIRE	2	2	2	2	2	2
ZIMBABWE	77	77	80	80	80	80
CANADA	15698	15913	16201	16245	16304	16304
UNITED STATES	65521	66566	67556	68492	68896	68896
ARGENTINA	1080	1118	1178	1273	1288	1314
BOLIVIA	1	1	1	1	1	1
BRAZIL	3951	4196	4507	4740	4849	4912
CHILE	433	436	487	513	521	529
COLOMBIA	530	571	631	656	665	665
COSTA RICA	19	19	23	27	27	27
CUBA	178	201	201	201	201	201
DOMINICAN REPUBLIC	63	64	64	64	64	64
ECUADOR	60	60	60	60	60	60
EL SALVADOR	16	16	16	16	16	16
GUATEMALA	46	46	46	46	46	46
HONDURAS	14	14	14	14	14	14
JAMAICA	18	18	18	22	23	24
MEXICO	2527	2760	2967	3194	3415	3464
PANAMA	43	43	43	43	43	43
PARAGUAY	18	18	18	18	18	18
PERU	427	427	427	427	427	430
URUGUAY	90	90	90	90	90	90
VENEZUELA	726	731	733	741	741	741
CHINA	5600	5800	6000	6000	6000	6000
KAMPUCHEA, DEMOCRATIC	5	5	5	5	5	5
KOREA DEM PEOPLES REP	140	140	140	140	140	140
MONGOLIA	2	2	2	2	2	2
VIET-NAME	90	93	103	113	137	137
ISRAEL	161	162	162	162	162	162
JAPAN	23198	23790	24189	24363	24602	24908
BANGLADESH	148	149	149	149	120	120
BURMA	22	23	23	23	23	23
CYPRUS	8	14	16	16	16	16
HONG KONG	32	36	46	49	51	53
INDIA	1825	1980	1985	1930	2040	2040
INDONESIA	513	707	744	834	834	834
IRAN	289	289	369	369	369	369
IRAQ	122	122	122	122	122	122
JORDAN	8	8	8	8	8	8
KOREA, REPUBLIC OF	2450	2469	2733	2733	2733	2733
LEBANON	45	45	45	45	45	45
MALAYSIA	64	79	79	90	90	90
NEPAL	4	4	4	16	16	16
PAKISTAN	110	110	131	131	197	197
PHILIPPINES	519	519	519	519	519	519
SINGAPORE	47	47	47	47	47	47
SRI LANKA	22	9	34	36	38	40
SYRIA	60	60	60	60	60	60
THAILAND	516	526	558	600	600	600
TURKEY	815	821	877	877	877	877
ALBANIA	15	15	15	15	15	15
BULGARIA	600	600	600	600	600	600
CZECHOSLOVAKIA	1311	1334	1349	1349	1349	1392
GERMAN DEMOCRATIC REP	1600	1630	1630	1630	1630	1630
HUNGARY	478	493	506	520	528	532
POLAND	1373	1373	1447	1508	1560	1646
ROMANIA	1059	1059	1059	1059	1059	1059
BELGIUM - LUXEMBOURG	946	968	1020	1023	1034	1034
DENMARK	376	375	382	390	390	390
FRANCE	5580	5854	6057	6380	6520	6520
GERMANY, FEDERAL REP OF	9091	9555	9970	10415	10821	10890
IRELAND	76	76	76	76	76	76
ITALY	5920	5950	5980	5980	5980	5980
NETHERLANDS	1878	1887	1889	1978	2008	2008
UNITED KINGDOM	3599	3811	4045	4226	4286	4321
FINLAND	7550	7780	8030	8150	8270	8315
NORWAY	1780	1815	1885	1885	1885	1885
SWEDEN	7135	7375	7765	8035	8365	8505
AUSTRIA	2053	2198	2198	2198	2198	2198
GREECE	558	558	558	558	558	558
PORTUGAL	683	693	708	708	708	708
SPAIN	3215	3255	3295	3300	3355	3370
SWITZERLAND	1010	1050	1055	1060	1065	1070
YUGOSLAVIA	1320	1320	1320	1320	1320	1320
AUSTRALIA	1716	1741	1764	1773	1777	1780
NEW ZEALAND	793	793	877	877	877	1027
USSR	13500	14000	14000	14000	14000	14000

NEWSPRINT (4.1)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	385	420	440	440	440	440
MADAGASCAR	1	1	1	1	1	1
TANZANIA	0	4	5	10	13	13
ZIMBABWE	14	14	14	14	14	14
CANADA	9970	9935	10000	9970	9970	9970
UNITED STATES	5215	5377	5401	5424	5428	5428
ARGENTINA	190	205	225	225	225	225
BRAZIL	127	172	254	332	360	368
CHILE	180	180	180	180	180	180
COSTA RICA	0	0	4	8	8	8
CUBA	12	12	12	12	12	12
MEXICO	201	241	316	366	391	391
PERU	110	110	110	110	110	113
CHINA	390	420	460	460	460	460
VIET-NAME	10	10	10	10	31	31
ISRAEL	6	6	6	6	6	6
JAPAN	2837	2830	2902	2930	2959	2989
BANGLADESH	54	54	54	54	48	48
INDIA	230	350	350	245	300	300
INDONESIA	0	0	0	90	90	90
IRAN	0	0	20	20	20	20
KOREA, REPUBLIC OF	332	332	530	530	530	530
PHILIPPINES	107	107	107	107	107	107
SYRIA	12	12	12	12	12	12
TURKEY	183	183	233	233	233	233
CZECHOSLOVAKIA	80	80	80	80	80	80
GERMAN DEMOCRATIC REP	165	165	165	165	165	165
POLAND	90	90	90	90	97	97
ROMANIA	133	133	133	133	133	133
BELGIUM - LUXEMBOURG	110	119	149	144	139	139
FRANCE	354	354	354	354	354	354
GERMANY, FEDERAL REP OF	712	808	850	881	881	880
ITALY	310	310	310	310	310	310
NETHERLANDS	211	211	211	300	330	330
UNITED KINGDOM	85	234	369	468	505	502
FINLAND	1860	1920	1890	1775	1795	1800
NORWAY	950	975	1025	1025	1025	1025
SWEDEN	1775	1775	1870	1980	2135	2200
AUSTRIA	207	225	225	225	225	225
GREECE	50	50	50	50	50	50
SPAIN	145	165	165	165	185	200
SWITZERLAND	245	250	250	250	250	250
YUGOSLAVIA	140	140	140	140	140	140
AUSTRALIA	350	370	370	370	370	370
NEW ZEALAND	335	335	335	335	335	335
USSR	1900	1950	1950	1950	1950	1950

OTHER PRINTING AND WRITING PAPER (4-2)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	260	290	290	290	290	290
ALGERIA	58	58	58	58	58	58
ANGOLA	5	5	5	5	5	5
EGYPT	75	77	112	112	112	112
ETHIOPIA	4	4	4	4	4	4
KENYA	30	30	30	30	30	30
MADAGASCAR	8	8	8	8	8	8
MOROCCO	28	28	28	28	28	28
MOZAMBIQUE	1	1	1	1	1	1
TANZANIA	0	7	13	14	15	15
TUNISIA	19	22	25	28	28	28
UGANDA	6	6	6	6	6	6
ZIMBABWE	8	8	8	8	8	8
CANADA	1826	1958	2117	2158	2207	2207
UNITED STATES	16230	16772	17344	17635	17863	17863
ARGENTINA	225	230	260	260	260	260
BRAZIL	943	947	1031	1104	1120	1137
CHILE	72	75	93	98	100	103
COLOMBIA	105	135	181	195	201	201
CUBA	35	55	55	55	55	55
DOMINICAN REPUBLIC	5	5	5	5	5	5
ECUADOR	10	10	10	10	10	10
GUATEMALA	16	16	16	16	16	16
HONDURAS	5	5	5	5	5	5
MEXICO	489	565	595	595	595	595
PANAMA	5	5	5	5	5	5
PARAGUAY	2	2	2	2	2	2
PERU	88	88	88	88	88	88
URUGUAY	30	30	30	30	30	30
VENEZUELA	88	87	89	89	89	89
CHINA	1800	1850	1890	1890	1890	1890
KAMPUCHEA, DEMOCRATIC	3	3	3	3	3	3
KOREA DEM PEOPLES REP	30	30	30	30	30	30
MONGOLIA	-	-	-	-	-	-
VIET-NAME	55	57	67	76	79	79
ISRAEL	67	67	67	67	67	67
JAPAN	5957	6126	6236	6195	6180	6226
BANGLADESH	71	71	71	71	48	48
BURMA	15	15	15	15	15	15
INDIA	815	820	820	840	840	840
INDONESIA	216	307	307	307	307	307
IRAN	90	90	90	90	90	90
IRAQ	41	41	41	41	41	41
KOREA, REPUBLIC OF	466	470	470	470	470	470
NEPAL	-	-	-	-	-	-
PAKISTAN	49	49	49	49	115	115
PHILIPPINES	85	85	85	85	85	85
SRI LANKA	-	-	-	-	-	-
SYRIA	12	12	12	12	12	12
THAILAND	94	94	106	118	118	118
TURKEY	104	104	104	104	104	104
ALBANIA	7	7	7	7	7	7
BULGARIA	108	108	108	108	108	108
CZECHOSLOVAKIA	258	258	273	273	273	273
GERMAN DEMOCRATIC REP	325	335	335	335	335	335
HUNGARY	125	142	153	164	171	175
POLAND	226	226	302	368	378	378
ROMANIA	190	190	190	190	190	190
BELGIUM - LUXEMBOURG	470	472	478	486	492	492
DENMARK	157	157	157	157	157	157
FRANCE	2207	2357	2460	2648	2739	2739
GERMANY, FEDERAL REP OF	3526	3658	3863	4053	4395	4430
IRELAND	18	18	18	18	18	18
ITALY	2070	2070	2090	2090	2090	2090
NETHERLANDS	564	577	577	577	577	577
UNITED KINGDOM	1008	1024	1069	1101	1112	1118
FINLAND	3120	3265	3400	3565	3650	3675
NORWAY	340	350	350	350	350	350
SWEDEN	1335	1405	1465	1475	1500	1525
AUSTRIA	851	899	899	899	899	899
GREECE	272	272	272	272	272	272
PORTUGAL	120	120	120	120	120	120
SPAIN	830	830	860	865	900	900
SWITZERLAND	290	290	300	305	305	310
YUGOSLAVIA	327	327	327	327	327	327
AUSTRALIA	242	247	251	254	257	257
NEW ZEALAND	36	36	36	36	36	186
USSR	1650	1700	1700	1700	1700	1700

COATED PRINTING AND WRITING PAPER (4.21)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	30	30	30	30	30	30
EGYPT	6	8	10	10	10	10
TUNISIA	0	3	6	9	9	9
CANADA	-	-	-	-	-	-
UNITED STATES	5311	5520	5640	5726	5763	5763
ARGENTINA	45	50	50	50	50	50
BRAZIL	78	78	78	78	78	78
CHILE	9	9	9	9	9	9
COLOMBIA	15	15	15	20	20	20
MEXICO	-	-	-	-	-	-
PERU	4	4	4	4	4	4
VENEZUELA	-	-	-	-	-	-
CHINA	45	65	100	100	100	100
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
JAPAN	1856	1910	1970	1978	1981	1985
INDIA	40	40	40	40	40	40
INDONESIA	40	57	57	57	57	57
KOREA, REPUBLIC OF	95	95	95	95	95	95
PHILIPPINES	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	20	20	20	20	20	20
ALBANIA	-	-	-	-	-	-
BULGARIA	36	36	36	36	36	36
CZECHOSLOVAKIA	32	32	32	32	32	32
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	0	0	8	12	13	13
POLAND	-	-	-	-	-	-
ROMANIA	6	6	6	6	6	6
BELGIUM - LUXEMBOURG	215	216	217	220	221	221
DENMARK	35	35	35	35	35	35
FRANCE	785	833	889	974	974	974
GERMANY, FEDERAL REP OF	1372	1432	1573	1710	1860	1880
ITALY	1045	1045	1065	1065	1065	1065
NETHERLANDS	253	276	276	276	276	276
UNITED KINGDOM	327	342	368	378	386	388
FINLAND	705	790	860	965	1015	1040
NORWAY	5	5	5	5	5	5
SWEDEN	370	385	425	395	400	405
AUSTRIA	373	433	433	433	433	433
GREECE	-	-	-	-	-	-
PORTUGAL	10	10	10	10	10	10
SPAIN	230	230	230	230	230	230
SWITZERLAND	90	90	95	100	100	100
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	46	47	49	49	49	49
USSR	-	-	-	-	-	-

COATED WOOD CONTAINING PRINT&WRITING PAPER (4.211)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
TUNISIA	0	-	-	-	-	-
CANADA	-	-	-	-	-	-
UNITED STATES	3132	3264	3327	3355	3358	3358
ARGENTINA	35	35	35	35	35	35
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
CHINA	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
JAPAN	-	-	-	-	-	-
KOREA, REPUBLIC OF	95	95	95	95	95	95
THAILAND	-	-	-	-	-	-
ALBANIA	-	-	-	-	-	-
BULGARIA	30	30	30	30	30	30
CZECHOSLOVAKIA	16	16	16	16	16	16
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
POLAND	-	-	-	-	-	-
BELGIUM - LUXEMBOURG	120	120	120	122	122	122
DENMARK	5	5	5	5	5	5
FRANCE	450	473	508	578	578	578
GERMANY, FEDERAL REP OF	1372	1432	1573	1710	1860	1880
ITALY	815	815	830	830	830	830
NETHERLANDS	-	-	-	-	-	-
UNITED KINGDOM	7	2	2	2	2	2
FINLAND	630	710	765	865	900	920
NORWAY	5	5	5	5	5	5
SWEDEN	125	120	120	80	80	80
AUSTRIA	22	22	22	22	22	22
GREECE	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	60	60	65	65	65	65
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	27	28	30	30	30	30
USSR	-	-	-	-	-	-

COATED WOODFREE PRINTING & WRITING PAPER (4.212)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	30	30	30	30	30	30
EGYPT	6	8	10	10	10	10
TUNISIA	0	.	.	.	.	.
CANADA	.	.	.	.	.	.
UNITED STATES	2179	2256	2313	2371	2405	2405
ARGENTINA	10	15	15	15	15	15
BRAZIL	78	78	78	78	78	78
CHILE	9	9	9	9	9	9
COLOMBIA	15	15	15	20	20	20
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
INDIA	40	40	40	40	40	40
PAKISTAN	.	.	.	.	.	.
PHILIPPINES	.	.	.	.	.	.
THAILAND	.	.	.	.	.	.
TURKEY	20	20	20	20	20	20
ALBANIA	.	.	.	.	.	.
BULGARIA	6	6	6	6	6	6
CZECHOSLOVAKIA	16	16	16	16	16	16
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	0	0	8	12	13	13
POLAND	.	.	.	.	.	.
ROMANIA	6	6	6	6	6	6
BELGIUM - LUXEMBOURG	95	96	97	98	99	99
DENMARK	30	30	30	30	30	30
FRANCE	335	360	381	396	396	396
ITALY	230	230	235	235	235	235
NETHERLANDS	.	.	.	.	.	.
UNITED KINGDOM	320	340	366	376	384	386
FINLAND	75	80	95	100	115	120
SWEDEN	245	265	305	315	320	325
AUSTRIA	351	411	411	411	411	411
GREECE	.	.	.	.	.	.
PORTUGAL	10	10	10	10	10	10
SPAIN	.	.	.	.	.	.
SWITZERLAND	30	30	30	35	35	35
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	19	19	19	19	19	19
USSR	.	.	.	.	.	.

UNCOATED PRINTING AND WRITING PAPER (4.22)

	1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
SOUTH AFRICA	230	260	260	260	260	260
ALGERIA	58	58	58	58	58	58
ANGOLA	5	5	5	5	5	5
EGYPT	69	69	102	102	102	102
ETHIOPIA	4	4	4	4	4	4
KENYA	30	30	30	30	30	30
MADAGASCAR	8	8	8	8	8	8
MOROCCO	28	28	28	28	28	28
MOZAMBIQUE	1	1	1	1	1	1
TANZANIA	0	7	13	14	15	15
TUNISIA	19	19	19	19	19	19
UGANDA	6	6	6	6	6	6
ZIMBABWE	8	8	8	8	8	8
CANADA	1826	1958	2117	2158	2207	2207
UNITED STATES	10919	11252	11704	11909	12100	12100
ARGENTINA	180	180	210	210	210	210
BRAZIL	865	869	953	1026	1052	1059
CHILE	63	66	84	89	91	94
COLOMBIA	90	120	166	175	181	181
CUBA	35	55	55	55	55	55
DOMINICAN REPUBLIC	5	5	5	5	5	5
ECUADOR	10	10	10	10	10	10
GUATEMALA	16	16	16	16	16	16
HONDURAS	5	5	5	5	5	5
MEXICO	-	-	-	-	-	-
PANAMA	5	5	5	5	5	5
PARAGUAY	2	2	2	2	2	2
PERU	84	84	84	84	84	84
URUGUAY	30	30	30	30	30	30
VENEZUELA	-	-	-	-	-	-
CHINA	1755	1785	1790	1790	1790	1790
KAMPUCHEA, DEMOCRATIC	3	3	3	3	3	3
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
VIET-NAME	55	57	67	76	79	79
ISRAEL	67	67	67	67	67	67
JAPAN	4101	4216	4266	4217	4199	4241
BANGLADESH	71	71	71	71	48	48
BURMA	15	15	15	15	15	15
INDIA	775	780	780	800	800	800
INDONESIA	176	250	250	250	250	250
IRAN	90	90	90	90	90	90
IRAQ	41	41	41	41	41	41
KOREA, REPUBLIC OF	371	375	375	375	375	375
NEPAL	-	-	-	-	-	-
PAKISTAN	49	49	49	49	115	115
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
SYRIA	12	12	12	12	12	12
THAILAND	-	-	-	-	-	-
TURKEY	84	84	84	84	84	84
ALBANIA	-	-	-	-	-	-
BULGARIA	72	72	72	72	72	72
CZECHOSLOVAKIA	226	226	241	241	241	241
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	125	142	145	152	158	162
POLAND	-	-	-	-	-	-
ROMANIA	184	184	184	184	184	184
BELGIUM - LUXEMBOURG	255	256	261	266	271	271
DENMARK	122	122	122	122	122	122
FRANCE	1422	1524	1571	1674	1765	1765
GERMANY, FEDERAL REP OF	2154	2226	2290	2343	2535	2550
IRELAND	18	18	18	18	18	18
ITALY	1025	1025	1025	1025	1025	1025
NETHERLANDS	311	301	301	301	301	301
UNITED KINGDOM	681	682	701	723	726	730
FINLAND	2415	2475	2540	2600	2635	2635
NORWAY	335	345	345	345	345	345
SWEDEN	965	1020	1040	1080	1100	1120
AUSTRIA	478	466	466	466	466	466
GREECE	-	-	-	-	-	-
PORTUGAL	110	110	110	110	110	110
SPAIN	600	600	630	635	670	670
SWITZERLAND	200	200	205	205	205	210
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	196	200	202	205	208	208
NEW ZEALAND	36	36	36	36	36	186
USSR	-	-	-	-	-	-

UNCOATED WOOD CONTAINING PRINT&WRIT PAPER { 4.221 }

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	60	60	60	60	60	60
ETHIOPIA	2	2	2	2	2	2
MADAGASCAR	5	5	5	5	5	5
MOROCCO	4	4	4	4	4	4
TUNISIA	-	-	-	-	-	-
ZIMBABWE	3	3	3	3	3	3
CANADA	800	840	935	960	1000	1000
UNITED STATES	1490	1471	1471	1471	1471	1471
ARGENTINA	15	15	35	35	35	35
CHILE	12	12	12	12	12	12
GUATEMALA	-	-	-	-	-	-
HONDURAS	5	5	5	5	5	5
MEXICO	-	-	-	-	-	-
PANAMA	5	5	5	5	5	5
PARAGUAY	2	2	2	2	2	2
PERU	-	-	-	-	-	-
URUGUAY	5	5	5	5	5	5
VENEZUELA	-	-	-	-	-	-
CHINA	65	75	90	90	90	90
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
ISRAEL	8	8	8	8	8	8
JAPAN	2057	2148	2158	2118	2095	2116
IRAQ	-	-	-	-	-	-
KOREA, REPUBLIC OF	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
PAKISTAN	49	49	49	49	115	115
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	56	56	56	56	56	56
ALBANIA	-	-	-	-	-	-
BULGARIA	12	12	12	12	12	12
CZECHOSLOVAKIA	90	90	90	90	90	90
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	58	63	56	56	56	56
POLAND	-	-	-	-	-	-
ROMANIA	50	50	50	50	50	50
BELGIUM - LUXENBOURG	161	162	167	172	177	177
DENMARK	25	25	25	25	25	25
FRANCE	300	300	300	300	300	300
GERMANY, FEDERAL REP OF	967	1007	1033	1063	1231	1240
IRELAND	-	-	-	-	-	-
ITALY	580	580	580	580	580	580
NETHERLANDS	29	29	29	29	29	29
UNITED KINGDOM	19	13	14	14	15	16
FINLAND	1705	1745	1665	1695	1715	1715
NORWAY	260	270	270	270	270	270
SWEDEN	380	420	395	395	395	395
AUSTRIA	199	190	190	190	190	190
GREECE	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	95	95	100	100	100	105
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	42	43	43	43	43	43
USSR	-	-	-	-	-	-

UNCOATED WOODFREE PRINTING & WRIT PAPER (4-222)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	170	200	200	200	200	200
ALGERIA	58	58	58	58	58	58
ANGOLA	5	5	5	5	5	5
EGYPT	69	69	102	102	102	102
ETHIOPIA	2	2	2	2	2	2
KENYA	30	30	30	30	30	30
MADAGASCAR	3	3	3	3	3	3
MOROCCO	24	24	24	24	24	24
MOZAMBIQUE	1	1	1	1	1	1
TANZANIA	0	7	13	14	15	15
TUNISIA	-	-	-	-	-	-
UGANDA	6	6	6	6	6	6
ZIMBABWE	5	5	5	5	5	5
CANADA	1026	1118	1182	1198	1207	1207
UNITED STATES	9429	9781	10233	10438	10629	10629
ARGENTINA	165	165	175	175	175	175
BRAZIL	865	869	953	1026	1052	1059
CHILE	51	54	72	77	79	82
COLOMBIA	90	120	166	175	181	181
CUBA	35	55	55	55	55	55
DOMINICAN REPUBLIC	5	5	5	5	5	5
ECUADOR	10	10	10	10	10	10
GUATEMALA	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	25	25	25	25	25	25
VENEZUELA	-	-	-	-	-	-
CHINA	1690	1710	1700	1700	1700	1700
KAMPUCHEA, DEMOCRATIC	3	3	3	3	3	3
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
ISRAEL	59	59	59	59	59	59
JAPAN	2044	2068	2108	2099	2104	2125
BANGLADESH	59	59	59	59	48	48
BURMA	15	15	15	15	15	15
INDIA	775	780	780	800	800	800
INDONESIA	176	250	250	250	250	250
IRAN	90	90	90	90	90	90
IRAQ	-	-	-	-	-	-
KOREA, REPUBLIC OF	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	28	28	28	28	28	28
ALBANIA	-	-	-	-	-	-
BULGARIA	60	60	60	60	60	60
CZECHOSLOVAKIA	136	136	151	151	151	151
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	67	79	89	96	102	106
POLAND	-	-	-	-	-	-
ROMANIA	134	134	134	134	134	134
BELGIUM - LUXEMBOURG	94	94	94	94	94	94
DENMARK	97	97	97	97	97	97
FRANCE	1122	1224	1271	1374	1465	1465
GERMANY, FEDERAL REP OF	1187	1219	1257	1280	1304	1310
IRELAND	-	-	-	-	-	-
ITALY	445	445	445	445	445	445
NETHERLANDS	282	272	272	272	272	272
UNITED KINGDOM	662	669	687	709	711	714
FINLAND	710	730	875	905	920	920
NORWAY	75	75	75	75	75	75
SWEDEN	585	600	645	685	705	725
AUSTRIA	279	276	276	276	276	276
GREECE	-	-	-	-	-	-
PORTUGAL	110	110	110	110	110	110
SPAIN	-	-	-	-	-	-
SWITZERLAND	105	105	105	105	105	105
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	154	157	159	162	165	165
NEW ZEALAND	36	36	36	36	36	186
USSR	-	-	-	-	-	-

OTHER PAPER AND PAPERBOARD (4.3)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	875	905	1222	1342	1383	1383
ALGERIA	198	215	215	215	215	215
ANGOLA	14	14	14	14	14	14
CAMEROON	5	5	5	5	5	5
EGYPT	122	128	129	129	129	129
ETHIOPIA	6	6	6	6	6	6
KENYA	49	59	59	59	59	59
LIBYA	5	5	5	5	5	5
MADAGASCAR	5	5	5	5	5	5
MOROCCO	131	131	131	131	131	131
MOZAMBIQUE	4	7	7	9	9	9
NIGERIA	29	63	63	63	63	63
SUDAN	8	8	8	8	8	8
TANZANIA	15	24	34	42	47	47
TUNISIA	17	19	23	27	27	27
UGANDA	1	1	1	1	1	1
ZAIRE	2	2	2	2	2	2
ZIMBABWE	55	55	58	58	58	58
CANADA	3902	4020	4084	4117	4127	4127
UNITED STATES	44076	44417	44811	45433	45605	45605
ARGENTINA	665	683	693	788	803	829
BOLIVIA	1	1	1	1	1	1
BRAZIL	2881	3077	3222	3304	3359	3407
CHILE	181	181	214	235	241	246
COLOMBIA	425	436	450	461	464	464
COSTA RICA	19	19	19	19	19	19
CUBA	131	134	134	134	134	134
DOMINICAN REPUBLIC	58	59	59	59	59	59
ECUADOR	50	50	50	50	50	50
EL SALVADOR	16	16	16	16	16	16
GUATEMALA	30	30	30	30	30	30
HONDURAS	9	9	9	9	9	9
JAMAICA	18	18	18	22	23	24
MEXICO	1837	1954	2056	2233	2429	2478
PANAMA	38	38	38	38	38	38
PARAGUAY	16	16	16	16	16	16
PERU	229	229	229	229	229	229
URUGUAY	60	60	60	60	60	60
VENEZUELA	638	644	644	652	652	652
CHINA	3410	3530	3650	3650	3650	3650
KAMPUCHEA, DEMOCRATIC	2	2	2	2	2	2
KOREA DEM PEOPLES REP	110	110	110	110	110	110
MONGOLIA	-	-	-	-	-	-
VIET-NAME	25	26	26	27	27	27
ISRAEL	88	89	89	89	89	89
JAPAN	14404	14834	15051	15238	15463	15693
BANGLADESH	23	24	24	24	24	24
BURMA	7	8	8	8	8	8
CYPRUS	8	14	16	16	16	16
HONG KONG	32	36	46	49	51	53
INDIA	780	810	815	845	900	900
INDONESIA	297	400	437	437	437	437
IRAN	199	199	259	259	259	259
IRAQ	81	81	81	81	81	81
JORDAN	8	8	8	8	8	8
KOREA, REPUBLIC OF	1652	1667	1733	1733	1733	1733
LEBANON	45	45	45	45	45	45
MALAYSIA	64	79	79	90	90	90
NEPAL	-	-	-	-	-	-
PAKISTAN	61	61	82	82	82	82
PHILIPPINES	327	327	327	327	327	327
SINGAPORE	47	47	47	47	47	47
SRI LANKA	-	-	-	-	-	-
SYRIA	36	36	36	36	36	36
THAILAND	422	432	452	482	482	482
TURKEY	528	534	540	540	540	540
ALBANIA	8	8	8	8	8	8
BULGARIA	492	492	492	492	492	492
CZECHOSLOVAKIA	973	996	996	996	996	1039
GERMAN DEMOCRATIC REP	1110	1130	1130	1130	1130	1130
HUNGARY	353	351	353	356	357	357
POLAND	1057	1057	1055	1050	1085	1171
ROMANIA	736	736	736	736	736	736
BELGIUM - LUXEMBOURG	366	377	393	393	403	403
DENMARK	219	218	225	233	233	233
FRANCE	3019	3143	3243	3378	3427	3427
GERMANY, FEDERAL REP OF	4853	5089	5257	5481	5545	5580
IRELAND	58	58	58	58	58	58
ITALY	3540	3570	3580	3580	3580	3580
NETHERLANDS	1103	1099	1101	1101	1101	1101
UNITED KINGDOM	2506	2553	2607	2657	2669	2701
FINLAND	2570	2595	2740	2810	2825	2840
NORWAY	490	490	510	510	510	510
SWEDEN	4025	4195	4430	4580	4730	4780
AUSTRIA	995	1074	1074	1074	1074	1074
GREECE	236	236	236	236	236	236
PORTUGAL	563	573	588	588	588	588
SPAIN	2240	2260	2270	2270	2270	2270
SWITZERLAND	475	510	505	505	510	510
YUGOSLAVIA	853	853	853	853	853	853
AUSTRALIA	1124	1124	1143	1149	1150	1153
NEW ZEALAND	422	422	506	506	506	506
USSR	9950	10350	10350	10350	10350	10350

HOUSEHOLD AND SANITARY PAPER (4.31)

	1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
SOUTH AFRICA	86	86	90	92	92	92
ALGERIA	5	5	5	5	5	5
ANGOLA	1	1	1	1	1	1
EGYPT	3	4	5	5	5	5
KENYA	3	3	3	3	3	3
MADAGASCAR	1	1	1	1	1	1
MOROCCO	6	6	6	6	6	6
TUNISIA	1	1	1	1	1	1
ZIMBABWE	4	4	4	4	4	4
CANADA	449	461	485	487	487	487
UNITED STATES	4701	4750	4873	5030	5030	5030
ARGENTINA	65	65	65	65	65	65
BRAZIL	301	307	315	317	317	317
CHILE	50	50	50	50	50	50
COLOMBIA	66	69	80	91	91	91
COSTA RICA	18	18	18	18	18	18
CUBA	9	12	12	12	12	12
ECUADOR	18	18	18	18	18	18
EL SALVADOR	6	6	6	6	6	6
GUATEMALA	4	4	4	4	4	4
HONDURAS	4	4	4	4	4	4
JAMAICA	6	6	6	10	11	12
MEXICO	263	314	320	390	415	415
PANAMA	13	13	13	13	13	13
PARAGUAY	1	1	1	1	1	1
PERU	52	52	52	52	52	52
URUGUAY	15	15	15	15	15	15
VENEZUELA	151	157	157	165	165	165
CHINA	260	280	300	300	300	300
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	29	30	30	30	30	30
JAPAN	1110	1156	1167	1179	1191	1202
CYPRUS	2	4	5	5	5	5
HONG KONG	1	1	1	1	1	1
INDIA	10	10	10	10	10	10
INDONESIA	2	10	10	10	10	10
IRAN	9	9	9	9	9	9
IRAQ	5	5	5	5	5	5
KOREA, REPUBLIC OF	57	57	57	57	57	57
LEBANON	2	2	2	2	2	2
MALAYSIA	13	28	28	28	28	28
PHILIPPINES	24	24	24	24	24	24
SINGAPORE	5	5	5	5	5	5
THAILAND	29	29	35	35	35	35
TURKEY	20	20	20	20	20	20
BULGARIA	28	28	28	28	28	28
CZECHOSLOVAKIA	64	64	64	64	64	64
HUNGARY	24	24	22	22	22	22
POLAND	-	-	-	-	-	-
ROMANIA	25	25	25	25	25	25
BELGIUM - LUXEMBOURG	116	119	119	119	119	119
DENMARK	17	17	17	17	17	17
FRANCE	215	229	286	306	311	311
GERMANY, FEDERAL REP OF	640	690	719	753	755	760
ITALY	240	270	270	270	270	270
NETHERLANDS	144	144	144	144	144	144
UNITED KINGDOM	468	470	471	501	504	523
FINLAND	165	165	175	175	180	180
NORWAY	30	30	50	50	50	50
SWEDEN	285	285	295	310	320	320
AUSTRIA	109	111	111	111	111	111
GREECE	106	106	106	106	106	106
PORTUGAL	58	58	58	58	58	58
SPAIN	180	190	190	190	190	190
SWITZERLAND	80	110	110	110	110	110
YUGOSLAVIA	71	71	71	71	71	71
AUSTRALIA	122	122	127	133	134	137
NEW ZEALAND	49	49	49	49	49	49
USSR	115	115	115	115	115	115

WRAPPING AND PACKAGING PAPER AND BOARD (4-32)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	772	802	1115	1233	1274	1274
ALGERIA	193	210	210	210	210	210
ANGOLA	13	13	13	13	13	13
CAMBODIUM	5	5	5	5	5	5
EGYPT	91	96	96	96	96	96
ETHIOPIA	6	6	6	6	6	6
KENYA	46	56	56	56	56	56
LIBYA	5	5	5	5	5	5
MADAGASCAR	4	4	4	4	4	4
MOROCCO	125	125	125	125	125	125
MOZAMBIQUE	3	6	6	8	8	8
NIGERIA	29	62	62	62	62	62
SUDAN	8	8	8	8	8	8
TANZANIA	15	24	34	42	47	47
TUNISIA	14	15	19	22	22	22
UGANDA	1	1	1	1	1	1
ZAIRE	2	2	2	2	2	2
ZIMBABWE	48	48	51	51	51	51
CANADA	3125	3231	3271	3302	3312	3312
UNITED STATES	35830	36103	36365	36822	36990	36990
ARGENTINA	545	563	573	668	683	709
BOLIVIA	1	1	1	1	1	1
BRAZIL	2324	2514	2629	2703	2754	2802
CHILE	127	127	160	181	187	192
COLOMBIA	330	338	341	341	344	344
COSTA RICA	1	1	1	1	1	1
CUBA	98	98	98	98	98	98
DOMINICAN REPUBLIC	54	55	55	55	55	55
ECUADOR	32	32	32	32	32	32
EL SALVADOR	10	10	10	10	10	10
GUATEMALA	18	18	18	18	18	18
HONDURAS	5	5	5	5	5	5
JAMAICA	12	12	12	12	12	12
MEXICO	1500	1559	1645	1749	1920	1969
PANAMA	25	25	25	25	25	25
PARAGUAY	15	15	15	15	15	15
PERU	177	177	177	177	177	177
URUGUAY	40	40	40	40	40	40
VENEZUELA	487	487	487	487	487	487
CHINA	2600	2650	2740	2740	2740	2740
KAMPUCHEA, DEMOCRATIC	2	2	2	2	2	2
KOREA, DEM. PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
VIET-NAME	25	26	26	27	27	27
ISRAEL	46	46	46	46	46	46
JAPAN	10529	10853	11033	11188	11377	11568
BANGLADESH	23	24	24	24	24	24
BURMA	7	8	8	8	8	8
CYPRUS	6	10	11	11	11	11
HONG KONG	31	35	45	48	50	52
INDIA	770	800	805	835	890	890
INDONESIA	292	387	424	424	424	424
IRAN	190	190	250	250	250	250
IRAQ	76	76	76	76	76	76
JORDAN	5	5	5	5	5	5
KOREA, REPUBLIC OF	1401	1416	1482	1482	1482	1482
LEBANON	43	43	43	43	43	43
MALAYSIA	39	39	39	50	50	50
NEPAL	-	-	-	-	-	-
PAKISTAN	60	60	81	81	81	81
PHILIPPINES	247	247	247	247	247	247
SINGAPORE	42	42	42	42	42	42
SEI LANKA	-	-	-	-	-	-
SYRIA	36	36	36	36	36	36
THAILAND	389	399	413	443	443	443
TURKEY	503	509	515	515	515	515
ALBANIA	8	8	8	8	8	8
BULGARIA	418	418	418	418	418	418
CZECHOSLOVAKIA	765	788	788	788	788	831
GERMAN DEMOCRATIC REP	1110	1130	1130	1130	1130	1130
HUNGARY	295	293	292	292	292	292
POLAND	-	-	-	-	-	-
ROMANIA	656	656	656	656	656	656
BELGIUM - LUXENBOURG	206	212	212	212	212	212
DENMARK	188	161	168	176	176	176
FRANCE	2559	2654	2697	2812	2856	2856
GERMANY, FEDERAL REP OF	3600	3779	3900	4075	4128	4150
IRELAND	56	56	56	56	56	56
ITALY	2900	2900	2910	2910	2910	2910
NETHERLANDS	902	898	900	900	900	900
UNITED KINGDOM	1660	1714	1761	1776	1784	1797
FINLAND	2040	2065	2150	2205	2215	2230
NORWAY	420	420	420	420	420	420
SWEDEN	3400	3570	3790	3920	4060	4110
AUSTRIA	840	913	913	913	913	913
GREECE	105	105	105	105	105	105
PORTUGAL	485	495	510	510	510	510
SPAIN	1950	1960	1970	1970	1970	1970
SWITZERLAND	385	390	385	385	390	390
YUGOSLAVIA	631	631	631	631	631	631
AUSTRALIA	1002	1002	1016	1016	1016	1016
NEW ZEALAND	330	330	414	414	414	414
USSR	9080	9465	9465	9465	9465	9465

LINERBOARD (4.321)

	1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
SOUTH AFRICA	312	327	481	557	594	594
ALGERIA	47	53	53	53	53	53
EGYPT	10	10	10	10	10	10
ETHIOPIA	1	1	1	1	1	1
KENYA	11	11	11	11	11	11
MADAGASCAR	1	1	1	1	1	1
MOROCCO	27	27	27	27	27	27
MOZAMBIQUE	0	1	1	1	1	1
NIGERIA	12	26	26	26	26	26
TANZANIA	6	7	10	10	10	10
ZIMBABWE	20	20	22	22	22	22
CANADA	1150	1189	1203	1211	1216	1216
UNITED STATES	15267	15422	15638	16036	16143	16143
ARGENTINA	140	149	149	194	199	212
BRAZIL	522	591	623	637	656	678
CHILE	25	25	47	55	58	62
COLOMBIA	110	111	114	114	116	116
CUBA	40	40	40	40	40	40
DOMINICAN REPUBLIC	20	20	20	20	20	20
ECUADOR	2	2	2	2	2	2
MEXICO	897	902	944	1013	1075	1099
PERU	38	38	38	38	38	38
URUGUAY	8	8	8	8	8	8
VENEZUELA	145	145	145	145	145	145
CHINA	240	260	300	300	300	300
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	3	3	3	3	3	3
JAPAN	4380	4467	4556	4647	4741	4835
BANGLADESH	-	-	-	-	-	-
CYPRUS	2	3	3	3	3	3
INDIA	60	70	70	80	80	80
INDONESIA	79	98	117	117	117	117
IRAN	60	60	60	60	60	60
IRAQ	15	15	15	15	15	15
KOREA, REPUBLIC OF	468	483	483	483	483	483
MALAYSIA	11	11	11	11	11	11
PAKISTAN	5	5	7	7	7	7
PHILIPPINES	92	92	92	92	92	92
SINGAPORE	3	3	3	3	3	3
SRI LANKA	-	-	-	-	-	-
SYRIA	8	8	8	8	8	8
THAILAND	92	95	95	105	105	105
TURKEY	58	64	70	70	70	70
BULGARIA	95	95	95	95	95	95
CZECHOSLOVAKIA	62	62	62	62	62	102
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	17	17	16	16	16	16
POLAND	-	-	-	-	-	-
ROMANIA	100	100	100	100	100	100
BELGIUM - LUXEMBOURG	60	60	60	60	60	60
DENMARK	40	32	32	32	32	32
FRANCE	930	990	1013	1098	1122	1122
GERMANY, FEDERAL REP OF	788	846	878	959	991	1000
IRELAND	3	3	3	3	3	3
ITALY	540	540	550	550	550	550
NETHERLANDS	82	82	82	82	82	82
UNITED KINGDOM	279	274	280	282	285	290
FINLAND	360	345	355	380	370	370
NORWAY	20	20	20	20	20	20
SWEDEN	1165	1210	1230	1260	1305	1330
AUSTRIA	112	119	119	119	119	119
GREECE	6	6	6	6	6	6
PORTUGAL	221	231	246	246	246	246
SPAIN	670	670	670	670	670	670
SWITZERLAND	200	205	205	205	205	205
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	100	100	100	100	100	100
NEW ZEALAND	110	110	110	110	110	110
USSR	1780	1860	1860	1860	1860	1860

KRAFT LINER (4.3211)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	194	209	363	439	476	476
ALGERIA	47	53	53	53	53	53
ETHIOPIA	1	1	1	1	1	1
KENYA	11	11	11	11	11	11
NIGERIA	12	26	26	26	26	26
TANZANIA	0	0	2	2	2	2
ZIMBABWE	10	10	11	11	11	11
CANADA	864	896	906	909	909	909
UNITED STATES	14851	15006	15222	15524	15568	15568
ARGENTINA	45	54	54	99	104	117
BRAZIL	356	393	413	421	440	462
CHILE	25	25	47	55	58	62
COLOMBIA	90	92	92	92	92	92
CUBA	10	10	10	10	10	10
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	50	80	100	100	100	100
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	2016	2056	2097	2139	2182	2225
BANGLADESH	.	.	.	.	.	.
CYPRUS	.	.	.	.	.	.
INDIA	60	70	70	80	80	80
INDONESIA	79	98	117	117	117	117
IRAN	60	60	60	60	60	60
KOREA, REPUBLIC OF	439	454	454	454	454	454
MALAYSIA	.	.	.	.	.	.
PHILIPPINES	92	92	92	92	92	92
SRI LANKA	.	.	.	.	.	.
TURKEY	52	58	64	64	64	64
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
POLAND	.	.	.	.	.	.
ROMANIA	100	100	100	100	100	100
FRANCE	300	300	300	300	300	300
GERMANY, FEDERAL REP OF	1	1	1	1	1	1
ITALY	110	110	110	110	110	110
NETHERLANDS	1	1	1	1	1	1
FINLAND	355	340	350	375	365	365
NORWAY	20	20	20	20	20	20
SWEDEN	1165	1200	1220	1250	1295	1320
AUSTRIA	112	119	119	119	119	119
GREECE	6	6	6	6	6	6
PORTUGAL	175	185	200	200	200	200
SPAIN	140	140	140	140	140	140
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	.	.	.	.	.	.
NEW ZEALAND	110	110	110	110	110	110
USSR	.	.	.	.	.	.

UNBLEACHED KRAFT LINER (4.32111)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	194	209	363	439	476	476
ALGERIA	47	53	53	53	53	53
ETHIOPIA	1	1	1	1	1	1
KENYA	11	11	11	11	11	11
NIGERIA	12	26	26	26	26	26
TANZANIA	0	0	.	.	.	.
ZIMBABWE	10	10	11	11	11	11
CANADA	.	.	.	.	.	.
UNITED STATES	14757	14905	15123	15425	15469	15469
ARGENTINA	40	49	49	94	99	112
BRAZIL	356	393	413	421	440	462
CHILE	25	25	47	55	58	62
COLOMBIA	80	77	77	77	77	77
CUBA	.	.	.	.	.	.
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	38	68	85	85	85	85
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
BANGLADESH	.	.	.	.	.	.
CYPRUS	.	.	.	.	.	.
INDIA	60	70	70	80	80	80
INDONESIA	.	.	.	.	.	.
IRAN	60	60	60	60	60	60
KOREA, REPUBLIC OF	439	454	454	454	454	454
MALAYSIA	.	.	.	.	.	.
PHILIPPINES	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
TURKEY	52	58	64	64	64	64
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
POLAND	.	.	.	.	.	.
ROMANIA	100	100	100	100	100	100
FRANCE	260	260	260	260	260	260
GERMANY, FEDERAL REP OF	1	1	1	1	1	1
ITALY	.	.	.	.	.	.
FINLAND	295	280	285	305	295	295
NORWAY	20	20	20	20	20	20
SWEDEN	1015	1030	1045	1075	1120	1145
AUSTRIA	112	119	119	119	119	119
GREECE	.	.	.	.	.	.
PORTUGAL	175	185	200	200	200	200
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	.	.	.	.	.	.
NEW ZEALAND	105	105	105	105	105	105
USSR	.	.	.	.	.	.

BLEACHED KRAFT LINER (4-32112)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
TANZANIA	0	0	.	.	.	.
CANADA	.	.	.	.	.	.
UNITED STATES	94	101	99	99	99	99
ARGENTINA	5	5	5	5	5	5
COLOMBIA	10	15	15	15	15	15
CUBA	.	.	.	.	.	.
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	12	12	15	15	15	15
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
BANGLADESH	.	.	.	.	.	.
CYPRUS	.	.	.	.	.	.
INDONESIA	.	.	.	.	.	.
MALAYSIA	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
FRANCE	40	40	40	40	40	40
ITALY	.	.	.	.	.	.
NETHERLANDS	1	1	1	1	1	1
FINLAND	60	60	65	70	70	70
SWEDEN	150	170	175	175	175	175
GREECE	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	.	.	.	.	.	.
NEW ZEALAND	5	5	5	5	5	5
USSR	.	.	.	.	.	.

OTHER LIMERBOARD (4.3212)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	118	118	118	118	118	118
EGYPT	10	10	10	10	10	10
MADAGASCAR	1	1	1	1	1	1
MOROCCO	27	27	27	27	27	27
MOZAMBIQUE	0	1	1	1	1	1
TANZANIA	6	7	8	8	8	8
ZIMBABWE	10	10	11	11	11	11
CANADA	286	293	297	302	307	307
UNITED STATES	416	416	416	512	575	575
ARGENTINA	95	95	95	95	95	95
BRAZIL	166	198	210	216	216	216
COLOMBIA	20	19	22	22	24	24
CUBA	30	30	30	30	30	30
DOMINICAN REPUBLIC	-	-	-	-	-	-
ECUADOR	2	2	2	2	2	2
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	8	8	8	8	8	8
VENEZUELA	-	-	-	-	-	-
CHINA	190	180	200	200	200	200
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	-	-	-	-	-	-
JAPAN	2364	2411	2459	2508	2559	2610
BANGLADESH	-	-	-	-	-	-
IRAQ	15	15	15	15	15	15
KOREA, REPUBLIC OF	29	29	29	29	29	29
MALAYSIA	-	-	-	-	-	-
PAKISTAN	5	5	7	7	7	7
SINGAPORE	3	3	3	3	3	3
SRI LANKA	-	-	-	-	-	-
SYRIA	8	8	8	8	8	8
THAILAND	92	95	95	105	105	105
TURKEY	6	6	6	6	6	6
BULGARIA	95	95	95	95	95	95
CZECHOSLOVAKIA	62	62	62	62	62	102
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	17	17	16	16	16	16
POLAND	-	-	-	-	-	-
BELGIUM - LUXEMBOURG	60	60	60	60	60	60
DENMARK	40	32	32	32	32	32
FRANCE	630	690	713	798	822	822
GERMANY, FEDERAL REP OF	787	845	877	958	990	999
IRELAND	3	3	3	3	3	3
ITALY	430	430	440	440	440	440
NETHERLANDS	81	81	81	81	81	81
UNITED KINGDOM	279	274	280	282	285	290
FINLAND	5	5	5	5	5	5
SWEDEN	0	10	10	10	10	10
PORTUGAL	46	46	46	46	46	46
SPAIN	530	530	530	530	530	530
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
USSR	-	-	-	-	-	-

PLUTING MEDIUM (4.322)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	184	192	216	226	227	227
ALGERIA	38	43	43	43	43	43
EGYPT	5	5	5	5	5	5
ETHIOPIA	1	1	1	1	1	1
KENYA	5	5	5	5	5	5
MADAGASCAR	1	1	1	1	1	1
MOROCCO	12	12	12	12	12	12
NIGERIA	5	11	11	11	11	11
TANZANIA	1	1	1	1	1	1
UGANDA	1	1	1	1	1	1
ZIMBABWE	10	10	11	11	11	11
CANADA	644	681	691	694	692	692
UNITED STATES	6089	6169	6190	6204	6207	6207
ARGENTINA	120	120	130	130	130	130
BRAZIL	515	553	573	584	585	585
CHILE	22	22	27	38	40	40
COLOMBIA	59	71	71	71	72	72
CUBA	16	16	16	16	16	16
DOMINICAN REPUBLIC	18	18	18	18	18	18
ECUADOR	2	2	2	2	2	2
HONDURAS	5	5	5	5	5	5
PANAMA	6	6	6	6	6	6
PARAGUAY	3	3	3	3	3	3
PERU	51	51	51	51	51	51
URUGUAY	1	1	1	1	1	1
VENEZUELA	68	68	68	68	68	68
CHINA	560	580	600	600	600	600
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	27	27	27	27	27	27
JAPAN	2643	2830	2886	2944	3024	3085
BANGLADESH	-	-	-	-	-	-
CYPRUS	4	7	8	8	8	8
HONG KONG	31	35	45	48	50	52
INDONESIA	74	106	109	109	109	109
IRAN	40	40	80	80	80	80
JORDAN	4	4	4	4	4	4
KOREA, REPUBLIC OF	227	227	227	227	227	227
LEBANON	13	13	13	13	13	13
MALAYSIA	14	14	14	25	25	25
PAKISTAN	10	10	14	14	14	14
PHILIPPINES	44	44	44	44	44	44
SINGAPORE	21	21	21	21	21	21
SRI LANKA	-	-	-	-	-	-
SYRIA	5	5	5	5	5	5
THAILAND	108	112	112	124	124	124
TURKEY	121	121	121	121	121	121
BULGARIA	148	148	148	148	148	148
CZECHOSLOVAKIA	162	162	162	162	162	162
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	131	131	130	130	130	130
POLAND	-	-	-	-	-	-
ROMANIA	180	180	180	180	180	180
BELGIUM - LUXEMBOURG	41	41	41	41	41	41
DENMARK	92	103	110	118	118	118
FRANCE	640	660	670	695	710	710
GERMANY, FEDERAL REP OF	989	1046	1067	1116	1115	1120
IRELAND	13	13	13	13	13	13
ITALY	900	900	890	890	890	890
NETHERLANDS	254	248	248	248	248	248
UNITED KINGDOM	507	535	550	556	559	565
FINLAND	320	320	365	370	370	370
NORWAY	70	70	70	70	70	70
SWEDEN	295	295	305	315	320	320
AUSTRIA	202	223	223	223	223	223
GREECE	11	11	11	11	11	11
PORTUGAL	70	70	70	70	70	70
SPAIN	440	440	440	440	440	440
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	82	82	82	82	82	82
NEW ZEALAND	28	28	28	28	28	28
USSR	1670	1760	1760	1760	1760	1760

SEMI-CHEMICAL PLUTING MEDIUM (4.3221)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	123	127	151	161	162	162
EGYPT	5	5	5	5	5	5
KENYA	5	5	5	5	5	5
MADAGASCAR	1	1	1	1	1	1
NIGERIA	5	11	11	11	11	11
ZIMBABWE	10	10	11	11	11	11
CANADA	527	529	540	545	545	545
UNITED STATES	4678	4734	4754	4766	4769	4769
ARGENTINA	40	40	50	50	50	50
BRAZIL	85	85	85	85	85	85
CHILE	0	0	5	20	21	23
COLOMBIA	49	60	60	60	61	61
CUBA	-	-	-	-	-	-
DOMINICAN REPUBLIC	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	1	1	1	1	1	1
CHINA	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	-	-	-	-	-
JAPAN	1650	1817	1853	1890	1928	1967
BANGLADESH	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
IRAN	40	40	80	80	80	80
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
PAKISTAN	10	10	14	14	14	14
SRI LANKA	-	-	-	-	-	-
BULGARIA	75	75	75	75	75	75
CZECHOSLOVAKIA	150	150	150	150	150	150
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	60	60	60	60	60	60
POLAND	-	-	-	-	-	-
ROMANIA	40	40	40	40	40	40
DENMARK	42	43	45	48	48	48
FRANCE	160	175	175	175	175	175
GERMANY, FEDERAL REP OF	97	97	98	99	99	100
ITALY	100	100	100	100	100	100
UNITED KINGDOM	134	138	140	142	143	144
FINLAND	320	320	365	370	370	370
NORWAY	70	70	70	70	70	70
SWEDEN	290	290	300	310	315	315
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	82	82	82	82	82	82
NEW ZEALAND	28	28	28	28	28	28
USSR	-	-	-	-	-	-

OTHER FLUTING MEDIUM (4.3222)

	1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
SOUTH AFRICA	61	65	65	65	65	65
ALGERIA	38	43	43	43	43	43
ETHIOPIA	1	1	1	1	1	1
MOROCCO	12	12	12	12	12	12
TANZANIA	1	1	1	1	1	1
UGANDA	1	1	1	1	1	1
CANADA	117	152	151	149	147	147
UNITED STATES	1411	1435	1436	1438	1438	1438
ARGENTINA	80	80	80	80	80	80
BRAZIL	430	468	488	499	500	500
CHILE	22	22	22	18	19	17
COLOMBIA	10	11	11	11	11	11
CUBA	-	-	-	-	-	-
DOMINICAN REPUBLIC	-	-	-	-	-	-
ECUADOR	2	2	2	2	2	2
HONDURAS	5	5	5	5	5	5
PANAMA	6	6	6	6	6	6
PARAGUAY	3	3	3	3	3	3
PERU	-	-	-	-	-	-
VENEZUELA	68	68	68	68	68	68
CHINA	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	27	27	27	27	27	27
JAPAN	993	1013	1033	1054	1096	1118
BANGLADESH	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
HONG KONG	31	35	45	48	50	52
INDONESIA	-	-	-	-	-	-
JORDAN	4	4	4	4	4	4
KOREA, REPUBLIC OF	227	227	227	227	227	227
LEBANON	-	-	-	-	-	-
MALAYSIA	-	-	-	-	-	-
PHILIPPINES	44	44	44	44	44	44
SINGAPORE	21	21	21	21	21	21
SRI LANKA	-	-	-	-	-	-
SYRIA	5	5	5	5	5	5
THAILAND	108	112	112	124	124	124
TURKEY	121	121	121	121	121	121
BULGARIA	73	73	73	73	73	73
CZECHOSLOVAKIA	12	12	12	12	12	12
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	71	71	70	70	70	70
POLAND	-	-	-	-	-	-
ROMANIA	140	140	140	140	140	140
BELGIUM - LUXENBOURG	41	41	41	41	41	41
DENMARK	50	60	65	70	70	70
FRANCE	480	485	495	520	535	535
GERMANY, FEDERAL REP OF	892	949	969	1017	1016	1020
IRELAND	13	13	13	13	13	13
ITALY	800	800	790	790	790	790
NETHERLANDS	254	248	248	248	248	248
UNITED KINGDOM	373	397	410	414	416	421
SWEDEN	5	5	5	5	5	5
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
PORTUGAL	70	70	70	70	70	70
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
USSR	-	-	-	-	-	-

KRAFT WRAPPING AND PACKAGING (4.323)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	108	115	248	280	283	283
ALGERIA	61	67	67	67	67	67
ANGOLA	2	2	2	2	2	2
EGYPT	8	8	8	8	8	8
ETHIOPIA	1	1	1	1	1	1
KENYA	14	14	14	14	14	14
LIBYA	1	1	1	1	1	1
MADAGASCAR	1	1	1	1	1	1
MOROCCO	15	15	15	15	15	15
MOZAMBIQUE	3	3	3	4	4	4
NIGERIA	10	20	20	20	20	20
TANZANIA	0	6	12	19	24	24
TUNISIA	13	13	17	20	20	20
ZIMBABWE	5	5	5	5	5	5
CANADA	554	555	558	564	566	566
UNITED STATES	4638	4565	4517	4503	4500	4500
ARGENTINA	125	134	134	184	194	207
BRAZIL	599	661	706	749	778	804
CHILE	38	38	38	38	38	38
COLOMBIA	59	54	54	54	54	54
CUBA	12	12	12	12	12	12
DOMINICAN REPUBLIC	4	4	4	4	4	4
ECUADOR	20	20	20	20	20	20
GUATEMALA	13	13	13	13	13	13
MEXICO	331	354	376	381	473	498
PANAMA	17	17	17	17	17	17
PERU	68	68	68	68	68	68
URUGUAY	10	10	10	10	10	10
VENEZUELA	138	138	138	138	138	138
CHINA	480	490	500	500	500	500
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	14	14	14	14	14	14
JAPAN	1267	1294	1307	1290	1282	1295
BANGLADESH	-	-	-	-	-	-
BURMA	7	8	8	8	8	8
INDIA	360	370	375	385	410	410
INDONESIA	25	31	31	31	31	31
IRAN	60	60	60	60	60	60
IRAQ	30	30	30	30	30	30
KOREA, REPUBLIC OF	293	293	293	293	293	293
PHILIPPINES	55	55	55	55	55	55
SRI LANKA	-	-	-	-	-	-
THAILAND	78	81	81	89	89	89
TURKEY	88	88	88	88	88	88
BULGARIA	56	56	56	56	56	56
CZECHOSLOVAKIA	152	152	152	152	152	126
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	47	47	46	46	46	46
POLAND	-	-	-	-	-	-
ROMANIA	171	171	171	171	171	171
DENMARK	36	26	26	26	26	26
FRANCE	250	255	260	260	260	260
GERMANY, FEDERAL REP OF	99	99	100	100	100	100
IRELAND	18	18	18	18	18	18
ITALY	160	160	160	160	160	160
NETHERLANDS	27	27	27	27	27	27
UNITED KINGDOM	91	90	92	93	92	92
FINLAND	410	410	415	415	415	430
NORWAY	175	175	175	175	175	175
SWEDEN	900	910	960	990	1020	1025
AUSTRIA	168	190	190	190	190	190
GREECE	6	6	6	6	6	6
PORTUGAL	94	94	94	94	94	94
SPAIN	210	210	210	210	210	210
SWITZERLAND	30	30	30	30	30	30
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	810	810	824	824	824	824
NEW ZEALAND	68	68	152	152	152	152
USSR	2290	2450	2450	2450	2450	2450

SACK KRAFT (4.3231)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	84	89	101	103	106	106
ALGERIA	50	56	56	56	56	56
ANGOLA	1	1	1	1	1	1
EGYPT	4	4	4	4	4	4
MADAGASCAR	1	1	1	1	1	1
NIGERIA	6	12	12	12	12	12
TANZANIA	0	3	6	9	12	12
TUNISIA	5	5	5	5	5	5
ZIMBABWE	3	3	3	3	3	3
CANADA	242	242	242	242	242	242
UNITED STATES	928	913	904	901	900	900
ARGENTINA	90	99	99	149	159	172
BRAZIL	365	411	424	432	451	474
CHILE	25	25	25	25	25	25
COLOMBIA	51	46	46	46	46	46
CUBA	6	6	6	6	6	6
ECUADOR	13	13	13	13	13	13
MEXICO	-	-	-	-	-	-
PANAMA	17	17	17	17	17	17
PERU	-	-	-	-	-	-
URUGUAY	3	3	3	3	3	3
VENEZUELA	-	-	-	-	-	-
CHINA	320	320	320	320	320	320
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	3	3	3	3	3	3
JAPAN	662	630	636	615	602	608
BANGLADESH	-	-	-	-	-	-
BURMA	6	7	7	7	7	7
INDIA	10	10	10	10	10	10
IRAQ	-	-	-	-	-	-
KOREA, REPUBLIC OF	283	283	283	283	283	283
PHILIPPINES	55	55	55	55	55	55
SRI LANKA	-	-	-	-	-	-
THAILAND	47	49	49	54	54	54
TURKEY	75	75	75	75	75	75
BULGARIA	40	40	40	40	40	40
CZECHOSLOVAKIA	146	146	146	146	146	120
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	47	47	46	46	46	46
POLAND	-	-	-	-	-	-
ROMANIA	94	94	94	94	94	94
FRANCE	110	110	110	110	110	110
GERMANY, FEDERAL REP OF	9	9	9	9	9	9
IRELAND	4	4	4	4	4	4
ITALY	110	110	110	110	110	110
UNITED KINGDOM	2	2	2	2	2	2
FINLAND	290	290	295	295	295	310
NORWAY	120	120	120	120	120	120
SWEDEN	755	755	780	790	800	800
AUSTRIA	134	140	140	140	140	140
PORTUGAL	64	64	64	64	64	64
SPAIN	210	210	210	210	210	210
SWITZERLAND	15	15	15	15	15	15
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
NEW ZEALAND	57	57	141	141	141	141
USSR	1710	1820	1820	1820	1820	1820

OTHER KRAFT WRAPPING AND PACKAGING (4.3232)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	24	26	147	177	177	177
ALGERIA	11	11	11	11	11	11
ANGOLA	1	1	1	1	1	1
EGYPT	4	4	4	4	4	4
ETHIOPIA	1	1	1	1	1	1
KENYA	14	14	14	14	14	14
LIBYA	1	1	1	1	1	1
MOROCCO	15	15	15	15	15	15
MOZAMBIQUE	3	3	3	4	4	4
NIGERIA	4	8	8	8	8	8
TANZANIA	0	3	6	10	12	12
TUNISIA	8	8	12	15	15	15
ZIMBABWE	2	2	2	2	2	2
CANADA	312	313	316	322	324	324
UNITED STATES	3710	3652	3613	3602	3600	3600
ARGENTINA	35	35	35	35	35	35
BRAZIL	234	250	282	317	327	330
CHILE	13	13	13	13	13	13
COLOMBIA	8	8	8	8	8	8
CUBA	6	6	6	6	6	6
DOMINICAN REPUBLIC	4	4	4	4	4	4
ECUADOR	7	7	7	7	7	7
GUATEMALA	13	13	13	13	13	13
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	7	7	7	7	7	7
VENEZUELA	-	-	-	-	-	-
CHINA	160	170	180	180	180	180
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	11	11	11	11	11	11
JAPAN	605	664	671	675	680	687
BANGLADESH	-	-	-	-	-	-
BURMA	1	1	1	1	1	1
INDIA	350	360	365	375	400	400
INDONESIA	25	31	31	31	31	31
IRAN	60	60	60	60	60	60
IRAQ	-	-	-	-	-	-
KOREA, REPUBLIC OF	10	10	10	10	10	10
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
THAILAND	31	32	32	35	35	35
TURKEY	13	13	13	13	13	13
BULGARIA	16	16	16	16	16	16
CZECHOSLOVAKIA	6	6	6	6	6	6
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
POLAND	-	-	-	-	-	-
ROMANIA	77	77	77	77	77	77
DENMARK	36	26	26	26	26	26
FRANCE	140	145	150	150	150	150
GERMANY, FEDERAL REP OF	90	90	91	91	91	91
IRELAND	14	14	14	14	14	14
ITALY	50	50	50	50	50	50
NETHERLANDS	27	27	27	27	27	27
UNITED KINGDOM	89	88	90	91	90	90
FINLAND	120	120	120	120	120	120
NORWAY	55	55	55	55	55	55
SWEDEN	145	155	180	200	220	225
AUSTRIA	34	50	50	50	50	50
GREECE	6	6	6	6	6	6
PORTUGAL	30	30	30	30	30	30
SWITZERLAND	15	15	15	15	15	15
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
NEW ZEALAND	11	11	11	11	11	11
USSR	580	630	630	630	630	630

FOLDING BOXBOARD (4-324)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	162	162	162	162	162	162
ALGERIA	24	24	24	24	24	24
ANGOLA	2	2	2	2	2	2
EGYPT	22	27	27	27	27	27
LIBYA	2	2	2	2	2	2
MADAGASCAR	1	1	1	1	1	1
MOROCCO	29	29	29	29	29	29
NIGERIA	2	5	5	5	5	5
TANZANIA	8	10	11	12	12	12
ZIMBABWE	13	13	13	13	13	13
CANADA	413	426	438	451	455	455
UNITED STATES	6776	6868	6926	6979	7037	7037
ARGENTINA	50	50	50	50	50	50
BRAZIL	410	429	447	453	455	455
CHILE	34	34	40	42	43	44
COLOMBIA	70	70	70	70	70	70
CUBA	24	24	24	24	24	24
DOMINICAN REPUBLIC	12	13	13	13	13	13
EL SALVADOR	2	2	2	2	2	2
GUATEMALA	5	5	5	5	5	5
JAMAICA	12	12	12	12	12	12
MEXICO	272	303	325	355	372	372
PARAGUAY	12	12	12	12	12	12
PERU	20	20	20	20	20	20
URUGUAY	10	10	10	10	10	10
VENEZUELA	102	102	102	102	102	102
CHINA	500	500	500	500	500	500
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	2	2	2	2	2	2
JAPAN	1767	1785	1803	1821	1839	1857
BANGLADESH	.	.	.	.	.	.
INDONESIA	114	152	167	167	167	167
IRAN	0	0	20	20	20	20
IRAQ	28	28	28	28	28	28
JORDAN	1	1	1	1	1	1
KOREA, REPUBLIC OF	363	363	429	429	429	429
LEBANON	20	20	20	20	20	20
MALAYSIA	8	8	8	8	8	8
PAKISTAN	27	27	27	27	27	27
PHILIPPINES	56	56	56	56	56	56
SINGAPORE	18	18	18	18	18	18
SRI LANKA	.	.	.	.	.	.
THAILAND	79	79	89	89	89	89
TURKEY	110	110	110	110	110	110
BULGARIA	52	52	52	52	52	52
CZECHOSLOVAKIA	34	34	34	34	34	40
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	25	25	25	25	25	25
POLAND	.	.	.	.	.	.
ROMANIA	119	119	119	119	119	119
BELGIUM - LUXENBOURG	32	35	35	35	35	35
FRANCE	350	360	365	370	375	375
GERMANY, FEDERAL REP OF	627	650	655	669	676	680
ITALY	720	720	730	730	730	730
NETHERLANDS	111	113	115	115	115	115
UNITED KINGDOM	227	261	262	263	265	266
FINLAND	785	825	850	875	895	895
NORWAY	35	35	35	35	35	35
SWEDEN	515	575	670	705	725	730
AUSTRIA	292	313	313	313	313	313
GREECE	48	48	48	48	48	48
PORTUGAL	60	60	60	60	60	60
SPAIN	360	360	360	360	360	360
SWITZERLAND	60	60	60	60	60	60
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	10	10	10	10	10	10
NEW ZEALAND	124	124	124	124	124	124
USSR	1710	1750	1750	1750	1750	1750

PULP BASED FOLDING BOXBOARD (4.3241)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
ALGERIA	-	-	-	-	-	-
ANGOLA	2	2	2	2	2	2
MADAGASCAR	1	1	1	1	1	1
MOROCCO	10	10	10	10	10	10
NIGERIA	2	5	5	5	5	5
TANZANIA	8	10	11	12	12	12
CANADA	413	426	438	451	455	455
UNITED STATES	4344	4400	4440	4481	4535	4535
ARGENTINA	35	35	35	35	35	35
BRAZIL	125	125	125	125	125	125
CHILE	3	3	9	11	12	13
COLOMBIA	6	6	6	6	6	6
CUBA	13	13	13	13	13	13
DOMINICAN REPUBLIC	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	10	10	10	10	10	10
CHINA	500	500	500	500	500	500
KOREA DEM PEOPLES REP	-	-	-	-	-	-
JAPAN	588	594	600	606	612	618
BANGLADESH	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
IRAN	0	0	20	20	20	20
IRAQ	28	28	28	28	28	28
PAKISTAN	23	23	23	23	23	23
SRI LANKA	-	-	-	-	-	-
BULGARIA	27	27	27	27	27	27
CZECHOSLOVAKIA	27	27	27	27	27	33
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	10	10	10	10	10	10
POLAND	-	-	-	-	-	-
ROMANIA	70	70	70	70	70	70
FRANCE	150	150	150	150	150	150
GERMANY, FEDERAL REP OF	34	36	36	37	37	40
ITALY	-	-	-	-	-	-
NETHERLANDS	-	-	-	-	-	-
UNITED KINGDOM	138	188	188	188	188	188
FINLAND	705	765	820	860	880	880
NORWAY	-	-	-	-	-	-
SWEDEN	440	485	575	600	615	620
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
PORTUGAL	20	20	20	20	20	20
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
NEW ZEALAND	69	69	69	69	69	69
USSR	1295	1335	1335	1335	1335	1335

BLEACHED CHEMICAL PULP FOLDING BOXBOARD (4_32411)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
NIGERIA	2	5	5	5	5	5
CANADA	89	89	89	90	92	92
UNITED STATES	3624	3680	3720	3761	3815	3815
ARGENTINA	25	25	25	25	25	25
BRAZIL	17	17	17	17	17	17
CHILE	3	3	3	3	3	3
CUBA	2	2	2	2	2	2
DOMINICAN REPUBLIC	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	3	3	3	3	3	3
CHINA	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	-	-	-	-	-
JAPAN	-	-	-	-	-	-
BANGLADESH	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
BULGARIA	2	2	2	2	2	2
CZECHOSLOVAKIA	-	-	-	-	-	-
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	5	5	5	5	5	5
POLAND	-	-	-	-	-	-
ROMANIA	30	30	30	30	30	30
FRANCE	15	15	15	15	15	15
GERMANY, FEDERAL REP OF	34	36	36	37	37	40
ITALY	-	-	-	-	-	-
NETHERLANDS	-	-	-	-	-	-
FINLAND	365	395	415	440	460	460
NORWAY	-	-	-	-	-	-
SWEDEN	210	215	250	270	275	275
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
PORTUGAL	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	18	18	18	18	18	18
NEW ZEALAND	-	-	-	-	-	-
USSR	880	920	920	920	920	920

OTHER PULP BASED FOLDING BOXBOARD (4.32412)

	1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
ALGERIA	-	-	-	-	-	-
ANGOLA	2	2	2	2	2	2
MADAGASCAR	1	1	1	1	1	1
MOROCCO	10	10	10	10	10	10
TANZANIA	8	10	11	12	12	12
CANADA	324	337	349	361	363	363
UNITED STATES	720	720	720	720	720	720
ARGENTINA	10	10	10	10	10	10
BRAZIL	108	108	108	108	108	108
CHILE	0	0	6	8	9	10
COLOMBIA	6	6	6	6	6	6
CUBA	11	11	11	11	11	11
DOMINICAN REPUBLIC	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
PERU	-	-	-	-	-	-
URUGUAY	7	7	7	7	7	7
CHINA	-	-	-	-	-	-
KOREA DEM PEOPLES REP	-	-	-	-	-	-
JAPAN	-	-	-	-	-	-
BANGLADESH	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
IRAN	0	0	20	20	20	20
IRAQ	28	28	28	28	28	28
PAKISTAN	23	23	23	23	23	23
SRI LANKA	-	-	-	-	-	-
BULGARIA	25	25	25	25	25	25
CZECHOSLOVAKIA	-	-	-	-	-	6
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	5	5	5	5	5	5
POLAND	-	-	-	-	-	-
ROMANIA	40	40	40	40	40	40
FRANCE	135	135	135	135	135	135
ITALY	-	-	-	-	-	-
NETHERLANDS	-	-	-	-	-	-
UNITED KINGDOM	138	188	188	188	188	188
FINLAND	340	370	405	420	420	420
NORWAY	-	-	-	-	-	-
SWEDEN	230	270	325	330	340	345
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
PORTUGAL	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
NEW ZEALAND	51	51	51	51	51	51
USSR	415	415	415	415	415	415

WASTE PAPER BASED FOLDING BOXBOARD (4.3242)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	162	162	162	162	162	162
ALGERIA	-	-	-	-	-	-
EGYPT	22	27	27	27	27	27
LIBYA	2	2	2	2	2	2
MOROCCO	19	19	19	19	19	19
ZIMBABWE	13	13	13	13	13	13
UNITED STATES	2432	2468	2486	2498	2502	2502
ARGENTINA	15	15	15	15	15	15
BRAZIL	285	304	322	328	330	330
CHILE	31	31	31	31	31	31
COLOMBIA	64	64	64	64	64	64
CUBA	11	11	11	11	11	11
DOMINICAN REPUBLIC	-	-	-	-	-	-
EL SALVADOR	2	2	2	2	2	2
GUATEMALA	5	5	5	5	5	5
JAMAICA	-	-	-	-	-	-
MEXICO	-	-	-	-	-	-
PARAGUAY	12	12	12	12	12	12
PERU	-	-	-	-	-	-
VENEZUELA	102	102	102	102	102	102
KOREA DEM PEOPLES REP	-	-	-	-	-	-
ISRAEL	2	2	2	2	2	2
JAPAN	1179	1191	1203	1215	1227	1239
BANGLADESH	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
JORDAN	1	1	1	1	1	1
KOREA, REPUBLIC OF	363	363	429	429	429	429
LEBANON	20	20	20	20	20	20
MALAYSIA	8	8	8	8	8	8
PAKISTAN	4	4	4	4	4	4
PHILIPPINES	56	56	56	56	56	56
SINGAPORE	18	18	18	18	18	18
SRI LANKA	-	-	-	-	-	-
THAILAND	79	79	89	89	89	89
TURKEY	110	110	110	110	110	110
BULGARIA	25	25	25	25	25	25
CZECHOSLOVAKIA	7	7	7	7	7	7
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	15	15	15	15	15	15
POLAND	-	-	-	-	-	-
ROMANIA	49	49	49	49	49	49
BELGIUM - LUXEMBOURG	32	35	35	35	35	35
FRANCE	200	210	215	220	225	225
GERMANY, FEDERAL REP OF	593	614	619	632	639	640
ITALY	-	-	-	-	-	-
NETHERLANDS	-	-	-	-	-	-
UNITED KINGDOM	89	73	74	75	77	78
FINLAND	80	60	30	15	15	15
NORWAY	-	-	-	-	-	-
SWEDEN	75	90	95	105	110	110
AUSTRIA	-	-	-	-	-	-
GREECE	-	-	-	-	-	-
PORTUGAL	40	40	40	40	40	40
SPAIN	-	-	-	-	-	-
SWITZERLAND	-	-	-	-	-	-
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
NEW ZEALAND	55	55	55	55	55	55
USSE	415	415	415	415	415	415

OTHER WRAPPING AND PACKAGING N.E.S. (4.325)

1983 1984 1985 1986 1987 1988
 TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

	1983	1984	1985	1986	1987	1988
SOUTH AFRICA	6	6	8	8	8	8
ALGERIA	23	23	23	23	23	23
ANGOLA	9	9	9	9	9	9
CAMEROON	5	5	5	5	5	5
EGYPT	46	46	46	46	46	46
ETHIOPIA	3	3	3	3	3	3
KENYA	16	26	26	26	26	26
LIBYA	2	2	2	2	2	2
MOROCCO	42	42	42	42	42	42
MOZAMBIQUE	0	2	2	3	3	3
SUDAN	8	8	8	8	8	8
TUNISIA	1	2	2	2	2	2
ZAIRE	2	2	2	2	2	2
CANADA	364	380	381	382	383	383
UNITED STATES	3060	3079	3094	3100	3103	3103
ARGENTINA	110	110	110	110	110	110
BOLIVIA	1	1	1	1	1	1
BRAZIL	278	280	280	280	280	280
CHILE	8	8	8	8	8	8
COLOMBIA	32	32	32	32	32	32
COSTA RICA	1	1	1	1	1	1
CUBA	6	6	6	6	6	6
ECUADOR	8	8	8	8	8	8
EL SALVADOR	8	8	8	8	8	8
JAMAICA	-	-	-	-	-	-
PANAMA	2	2	2	2	2	2
URUGUAY	11	11	11	11	11	11
VENEZUELA	34	34	34	34	34	34
CHINA	820	820	840	840	840	840
KAMPUCHEA, DEMOCRATIC	2	2	2	2	2	2
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
VIET-NAME	25	26	26	27	27	27
JAPAN	472	477	481	486	491	496
BANGLADESH	-	-	-	-	-	-
INDIA	350	360	360	370	400	400
IRAN	30	30	30	30	30	30
IRAQ	3	3	3	3	3	3
KOREA, REPUBLIC OF	50	50	50	50	50	50
LEBANON	10	10	10	10	10	10
MALAYSIA	6	6	6	6	6	6
NEPAL	-	-	-	-	-	-
PAKISTAN	18	18	33	33	33	33
SYRIA	23	23	23	23	23	23
THAILAND	32	32	36	36	36	36
TURKEY	126	126	126	126	126	126
ALBANIA	8	8	8	8	8	8
BULGARIA	67	67	67	67	67	67
CZECHOSLOVAKIA	355	378	378	378	378	401
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	75	73	75	75	75	75
POLAND	-	-	-	-	-	-
ROMANIA	86	86	86	86	86	86
BELGIUM - LUXEMBOURG	73	76	76	76	76	76
FRANCE	389	389	389	389	389	389
GERMANY, FEDERAL REP OF	1097	1138	1200	1231	1246	1250
IRELAND	22	22	22	22	22	22
ITALY	580	580	580	580	580	580
NETHERLANDS	428	428	428	428	428	428
UNITED KINGDOM	556	554	577	582	583	584
FINLAND	165	165	165	165	165	165
NORWAY	120	120	120	120	120	120
SWEDEN	525	580	625	650	690	705
AUSTRIA	66	68	68	68	68	68
GREECE	34	34	34	34	34	34
PORTUGAL	40	40	40	40	40	40
SPAIN	270	280	290	290	290	290
SWITZERLAND	95	95	90	90	95	95
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
USSR	1630	1645	1645	1645	1645	1645

OTHER WRAPPING PAPER (4.3251)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	6	6	8	8	8	8
ALGERIA	-	-	-	-	-	-
ANGOLA	5	5	5	5	5	5
CAMEROON	3	3	3	3	3	3
EGYPT	33	33	33	33	33	33
ETHIOPIA	2	2	2	2	2	2
KENYA	13	23	23	23	23	23
LIBYA	2	2	2	2	2	2
MOROCCO	-	-	-	-	-	-
SUDAN	6	6	6	6	6	6
CANADA	19	19	19	19	19	19
ARGENTINA	60	60	60	60	60	60
BRAZIL	278	280	280	280	280	280
CHILE	5	5	5	5	5	5
COLOMBIA	20	20	20	20	20	20
COSTA RICA	1	1	1	1	1	1
ECUADOR	8	8	8	8	8	8
JAMAICA	-	-	-	-	-	-
PANAMA	2	2	2	2	2	2
URUGUAY	11	11	11	11	11	11
VENEZUELA	-	-	-	-	-	-
CHINA	360	460	480	480	480	480
KAMPUCHEA, DEMOCRATIC	2	2	2	2	2	2
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
VIET-NAME	25	26	26	27	27	27
BANGLADESH	-	-	-	-	-	-
KOREA, REPUBLIC OF	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	4	4	4	4	4	4
NEPAL	-	-	-	-	-	-
PAKISTAN	10	10	10	10	10	10
THAILAND	32	32	36	36	36	36
TURKEY	21	21	21	21	21	21
BULGARIA	67	67	67	67	67	67
CZECHOSLOVAKIA	141	141	141	141	141	141
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	28	26	28	28	28	28
POLAND	-	-	-	-	-	-
ROMANIA	12	12	12	12	12	12
BELGIUM - LUXEMBOURG	41	41	41	41	41	41
FRANCE	200	200	200	200	200	200
GERMANY, FEDERAL REP OF	409	412	417	418	419	420
IRELAND	4	4	4	4	4	4
ITALY	-	-	-	-	-	-
NETHERLANDS	14	14	14	14	14	14
UNITED KINGDOM	227	220	224	226	228	230
FINLAND	60	60	60	60	60	60
NORWAY	110	110	110	110	110	110
SWEDEN	80	60	60	60	60	60
AUSTRIA	43	45	45	45	45	45
GREECE	34	34	34	34	34	34
PORTUGAL	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	35	35	30	30	35	35
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
USSR	660	670	670	670	670	670

OTHER PACKAGING PAPERBOARD (4.3252)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
ALGERIA	-	-	-	-	-	-
ANGOLA	4	4	4	4	4	4
CAMEROON	2	2	2	2	2	2
EGYPT	13	13	13	13	13	13
ETHIOPIA	1	1	1	1	1	1
KENYA	3	3	3	3	3	3
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	0	2	2	3	3	3
SUDAN	2	2	2	2	2	2
ZAIRE	2	2	2	2	2	2
CANADA	345	361	362	363	364	364
UNITED STATES	3060	3079	3094	3100	3103	3103
ARGENTINA	50	50	50	50	50	50
BOLIVIA	1	1	1	1	1	1
CHILE	3	3	3	3	3	3
COLOMBIA	12	12	12	12	12	12
CUBA	6	6	6	6	6	6
EL SALVADOR	8	8	8	8	8	8
JAMAICA	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
CHINA	460	360	360	360	360	360
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
JAPAN	472	477	481	486	491	496
BANGLADESH	-	-	-	-	-	-
INDIA	350	360	360	370	400	400
IRAN	30	30	30	30	30	30
IRAQ	3	3	3	3	3	3
KOREA, REPUBLIC OF	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	2	2	2	2	2	2
NEPAL	-	-	-	-	-	-
PAKISTAN	8	8	23	23	23	23
SYRIA	23	23	23	23	23	23
TURKEY	105	105	105	105	105	105
ALBANIA	8	8	8	8	8	8
CZECHOSLOVAKIA	214	237	237	237	237	260
GERMAN DEMOCRATIC REP	-	-	-	-	-	-
HUNGARY	47	47	47	47	47	47
POLAND	-	-	-	-	-	-
ROMANIA	74	74	74	74	74	74
BELGIUM - LUXEMBOURG	32	35	35	35	35	35
FRANCE	189	189	189	189	189	189
GERMANY, FEDERAL REP OF	688	726	783	813	827	830
IRELAND	18	18	18	18	18	18
ITALY	-	-	-	-	-	-
NETHERLANDS	414	414	414	414	414	414
UNITED KINGDOM	329	334	353	356	355	354
FINLAND	105	105	105	105	105	105
NORWAY	10	10	10	10	10	10
SWEDEN	445	520	565	590	630	645
AUSTRIA	23	23	23	23	23	23
PORTUGAL	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	60	60	60	60	60	60
YUGOSLAVIA	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-
USSR	970	975	975	975	975	975

OTHER PAPER AND PAPERBOARD N.E.S. TOTAL (4.33)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	17	17	17	17	17	17
EGYPT	28	28	28	28	28	28
MOZAMBIQUE	1	1	1	1	1	1
NIGERIA	0	1	1	1	1	1
TUNISIA	2	3	3	4	4	4
ZIMBABWE	3	3	3	3	3	3
CANADA	328	328	328	328	328	328
UNITED STATES	3545	3564	3573	3581	3585	3585
ARGENTINA	55	55	55	55	55	55
BRAZIL	256	256	278	284	288	288
CHILE	4	4	4	4	4	4
COLOMBIA	29	29	29	29	29	29
CUBA	24	24	24	24	24	24
DOMINICAN REPUBLIC	4	4	4	4	4	4
GUATEMALA	8	8	8	8	8	8
MEXICO	74	81	91	94	94	94
URUGUAY	5	5	5	5	5	5
CHINA	550	600	610	610	610	610
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
ISRAEL	13	13	13	13	13	13
JAPAN	2765	2825	2851	2871	2895	2923
INDONESIA	3	3	3	3	3	3
JORDAN	3	3	3	3	3	3
KOREA, REPUBLIC OF	194	194	194	194	194	194
MALAYSIA	12	12	12	12	12	12
NEPAL	-	-	-	-	-	-
PAKISTAN	1	1	1	1	1	1
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
THAILAND	4	4	4	4	4	4
TURKEY	5	5	5	5	5	5
BULGARIA	46	46	46	46	46	46
CZECHOSLOVAKIA	144	144	144	144	144	144
HUNGARY	34	34	39	42	43	43
POLAND	-	-	-	-	-	-
ROMANIA	55	55	55	55	55	55
BELGIUM - LUXEMBOURG	44	46	62	62	72	72
DENMARK	14	40	40	40	40	40
FRANCE	245	260	260	260	260	260
GERMANY, FEDERAL REP OF	613	620	638	653	662	670
IRELAND	2	2	2	2	2	2
ITALY	400	400	400	400	400	400
NETHERLANDS	57	57	57	57	57	57
UNITED KINGDOM	378	369	375	380	381	381
FINLAND	365	365	415	430	430	430
NORWAY	40	40	40	40	40	40
SWEDEN	340	340	345	350	350	350
AUSTRIA	46	50	50	50	50	50
GREECE	25	25	25	25	25	25
PORTUGAL	20	20	20	20	20	20
SPAIN	110	110	110	110	110	110
SWITZERLAND	10	10	10	10	10	10
YUGOSLAVIA	151	151	151	151	151	151
NEW ZEALAND	43	43	43	43	43	43
USSR	755	770	770	770	770	770

OTHER PAPER N.E.S. (4.331)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	8	8	8	8	8	8
TUNISIA	.	.	.	.	.	.
CANADA	18	18	18	18	18	18
UNITED STATES	1159	1171	1178	1185	1188	1188
ARGENTINA	30	30	30	30	30	30
BRAZIL	161	161	183	189	193	193
CHILE	2	2	2	2	2	2
COLOMBIA	6	6	6	6	6	6
CUBA	20	20	20	20	20	20
DOMINICAN REPUBLIC	2	2	2	2	2	2
MEXICO	74	81	91	94	94	94
URUGUAY	.	.	.	.	.	.
CHINA	530	580	590	590	590	590
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	1488	1535	1548	1555	1566	1581
INDONESIA	3	3	3	3	3	3
KOREA, REPUBLIC OF	194	194	194	194	194	194
MALAYSIA	.	.	.	.	.	.
NEPAL	.	.	.	.	.	.
PAKISTAN	1	1	1	1	1	1
PHILIPPINES	.	.	.	.	.	.
SHI LANKA	.	.	.	.	.	.
THAILAND	4	4	4	4	4	4
TURKEY	5	5	5	5	5	5
BULGARIA	4	4	4	4	4	4
CZECHOSLOVAKIA	67	67	67	67	67	67
HUNGARY	13	13	18	21	22	22
POLAND	.	.	.	.	.	.
ROMANIA	30	30	30	30	30	30
BELGIUM - LUXEMBOURG	19	21	21	21	31	31
FRANCE	210	225	225	225	225	225
GERMANY, FEDERAL REP OF	475	482	500	514	522	530
IRELAND	2	2	2	2	2	2
ITALY	.	.	.	.	.	.
NETHERLANDS	4	4	4	4	4	4
UNITED KINGDOM	211	220	226	231	233	233
FINLAND	255	255	295	310	310	310
NORWAY	25	25	25	25	25	25
SWEDEN	210	210	210	210	210	210
AUSTRIA	33	36	36	36	36	36
GREECE	20	20	20	20	20	20
PORTUGAL	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
NEW ZEALAND	41	41	41	41	41	41
USSR	370	375	375	375	375	375

OTHER PAPERBOARD N.E.S. (4.332)

	1983	1984	1985	1986	1987	1988
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	9	9	9	9	9	9
EGYPT	28	28	28	28	28	28
MOZAMBIQUE	1	1	1	1	1	1
NIGERIA	0	1	1	1	1	1
TUNISIA	-	-	-	-	-	-
ZIMBABWE	3	3	3	3	3	3
CANADA	310	310	310	310	310	310
UNITED STATES	2366	2393	2395	2396	2397	2397
ARGENTINA	25	25	25	25	25	25
BRAZIL	95	95	95	95	95	95
CHILE	2	2	2	2	2	2
COLOMBIA	23	23	23	23	23	23
CUBA	4	4	4	4	4	4
DOMINICAN REPUBLIC	2	2	2	2	2	2
GUATEMALA	8	8	8	8	8	8
URUGUAY	-	-	-	-	-	-
CHINA	20	20	20	20	20	20
KOREA DEM PEOPLES REP	-	-	-	-	-	-
MONGOLIA	-	-	-	-	-	-
ISRAEL	13	13	13	13	13	13
JAPAN	1277	1290	1303	1316	1329	1342
JORDAN	3	3	3	3	3	3
MALAYSIA	-	-	-	-	-	-
NEPAL	-	-	-	-	-	-
PHILIPPINES	-	-	-	-	-	-
SRI LANKA	-	-	-	-	-	-
BULGARIA	42	42	42	42	42	42
CZECHOSLOVAKIA	77	77	77	77	77	77
HUNGARY	21	21	21	21	21	21
POLAND	-	-	-	-	-	-
ROMANIA	25	25	25	25	25	25
BELGIUM - LUXEMBOURG	25	25	41	41	41	41
DENMARK	0	40	40	40	40	40
FRANCE	35	35	35	35	35	35
GERMANY, FEDERAL REP OF	138	138	138	139	140	140
ITALY	-	-	-	-	-	-
NETHERLANDS	53	53	53	53	53	53
UNITED KINGDOM	167	149	149	149	148	148
FINLAND	110	110	120	120	120	120
NORWAY	15	15	15	15	15	15
SWEDEN	130	130	135	140	140	140
AUSTRIA	13	14	14	14	14	14
GREECE	5	5	5	5	5	5
PORTUGAL	-	-	-	-	-	-
SPAIN	-	-	-	-	-	-
SWITZERLAND	10	10	10	10	10	10
YUGOSLAVIA	-	-	-	-	-	-
NEW ZEALAND	2	2	2	2	2	2
USSR	385	395	395	395	395	395

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

WORLD, TOTAL		1983		1984		1985		1986		1987		1988	
		TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
PROCESS		1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	144007	29308	147104	29492	150728	30637	152718	31126	154290	154773		
	FROM 1 NOT DISAGGREGATED BELOW	243	0	198	0	268	0	350	0	386	386		
1.1	MECHANICAL PULP	26091	1514	26112	1628	26246	1672	25961	1672	25951	26044		
	FROM 1.1 NOT DISAGGREGATED BELOW	10844	485	10825	594	10788	599	10519	599	10477	10482		
1.11	MECHANICAL NON-CONIFEROUS PULP	594	18	597	18	599	18	597	18	600	600		
1.12	MECHANICAL CONIFEROUS PULP	14653	1011	14690	1016	14859	1055	14845	1055	14874	14962		
1.2	THERMO-MECHANICAL PULP	9380	269	10502	324	11097	354	11953	439	12386	12471		
	FROM 1.2 NOT DISAGGREGATED BELOW	3435	67	3916	67	4155	67	4496	67	4738	4738		
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	149	0	158	0	159	0	192	0	194	194		
1.22	THERMO-MECHANICAL CONIFEROUS PULP	5796	202	6428	257	6783	287	7265	372	7454	7539		
1.3	SEMI-CHEMICAL PULP	9649	229	9658	234	9923	263	10018	283	10082	10089		
	FROM 1.3 NOT DISAGGREGATED BELOW	1482	0	1556	0	1564	0	1564	0	1542	1542		
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	7669	219	7635	224	7892	253	7987	273	8073	8080		
1.32	SEMI-CHEMICAL CONIFEROUS PULP	498	10	467	10	467	10	467	10	467	467		
1.4	CHEMICAL PULP TOTAL	98644	27296	100634	27306	103194	28348	104436	28732	105485	105783		
	FROM 1.4 NOT DISAGGREGATED BELOW	1560	147	1600	147	1620	147	1620	147	1620	1620		
1.41	UNBLEACHED SULPHITE PULP	6487	739	6296	699	6204	716	6157	721	6118	6108		
	FROM 1.41 NOT DISAGGREGATED BELOW	4861	428	4817	395	4770	412	4728	412	4689	4689		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	82	2	70	0	88	0	88	0	88	88		
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	1544	309	1409	304	1346	304	1341	309	1341	1331		
1.42	BLEACHED SULPHITE PULP	4538	1956	4599	1749	4635	1764	4569	1732	4579	4591		
	FROM 1.42 NOT DISAGGREGATED BELOW	531	842	535	560	561	576	563	578	565	565		
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	941	288	958	294	967	294	969	296	969	969		
1.422	BLEACHED CONIFEROUS SULPHITE PULP	3066	826	3106	895	3107	894	3037	858	3045	3057		
1.43	UNBLEACHED SULPHATE PULP	37153	3613	37306	3361	37999	3525	38290	3416	38284	38341		
	FROM 1.43 NOT DISAGGREGATED BELOW	6033	1926	6221	1900	6233	1905	6235	1905	6237	6237		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	2638	155	2673	140	2735	130	2717	120	2739	2739		
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	28482	1532	28412	1321	29031	1490	29338	1391	29308	29365		
1.44	BLEACHED SULPHATE+SODA PULP	48906	20841	50833	21350	52736	22196	53800	22716	54884	55123		
	FROM 1.44 NOT DISAGGREGATED BELOW	1945	255	2048	255	2053	255	2058	255	2059	2059		
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	20374	7881	21190	8112	22336	8510	22721	8582	23264	23455		
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	26587	12705	27595	12983	28347	13431	29021	13879	29561	29609		
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	9215	363	9735	380	10178	380	10476	380	10629	10645		
	FROM 2 NOT DISAGGREGATED BELOW	1006	15	1049	15	1063	15	1068	15	1068	1068		
2.1	PULP OF STRAW	3113	48	3189	48	3280	48	3346	48	3347	3348		
2.2	PULP OF BAGASSE	1738	42	1907	42	2038	42	2152	42	2251	2266		
2.3	PULP OF BAMBOO	1354	30	1432	40	1552	40	1660	40	1724	1724		
2.4	PULP OF OTHER FIBRE	2004	228	2158	235	2245	235	2250	235	2239	2239		
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	6102	5074	6248	5148	6262	5157	6259	5119	6344	6309		
	FROM 3 NOT DISAGGREGATED BELOW	2246	1751	2334	1764	2342	1772	2347	1777	2397	2352		
3.1	NON-CONIFEROUS DISSOLVING PULP	2182	1703	2238	1749	2246	1752	2258	1729	2288	2288		
3.2	CONIFEROUS DISSOLVING PULP	1674	1620	1676	1635	1674	1633	1654	1613	1659	1669		
		1983 1984 1985 1986 1987 1988											
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD		205933	211510	216946	220513	223024	224079					
	FROM 4 NOT DISAGGREGATED BELOW		28	15	40	54	56	58					
4.1	NEWSPRINT		30773	31634	32627	32979	33402	33524					
4.2	OTHER PRINTING AND WRITING PAPER		51319	53160	55037	56148	57106	57412					
	FROM 4.2 NOT DISAGGREGATED BELOW		3593	3728	3848	3926	3936	3936					
4.21	COATED PRINTING AND WRITING PAPER		13529	14147	14736	15157	15412	15468					
	FROM 4.21 NOT DISAGGREGATED BELOW		2428	2545	2643	2654	2657	2661					
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER		6946	7232	7548	7845	8033	8073					
4.212	COATED WOODFREE PRINTING & WRITING PAPER		4155	4370	4545	4658	4722	4734					
4.22	UNCOATED PRINTING AND WRITING PAPER		34197	35285	36453	37065	37758	38008					
	FROM 4.22 NOT DISAGGREGATED BELOW		1216	1222	1262	1276	1314	1314					
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER		9627	9871	9936	9986	10251	10287					
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER		23354	24192	25255	25803	26193	26407					
4.3	OTHER PAPER AND PAPERBOARD		123813	126701	129242	131332	132460	133085					
	FROM 4.3 NOT DISAGGREGATED BELOW		1223	1223	1221	1216	1251	1337					
4.31	HOUSEHOLD AND SANITARY PAPER		11231	11595	11940	12313	12377	12416					
4.32	WRAPPING AND PACKAGING PAPER AND BOARD		99489	101815	103836	105477	106453	106917					
	FROM 4.32 NOT DISAGGREGATED BELOW		1764	1785	1785	1785	1785	1785					
4.321	LINERBOARD		32127	32840	33599	34551	34979	35215					
	FROM 4.321 NOT DISAGGREGATED BELOW		3196	3287	3329	3398	3460	3484					
4.3211	KRAFT LINER		21959	22386	22942	23491	23677	23784					
	FROM 4.3211 NOT DISAGGREGATED BELOW		3317	3408	3480	3525	3568	3611					
4.32111	UNBLEACHED KRAFT LINER		18265	18569	19042	19541	19684	19748					
4.32112	BLEACHED KRAFT LINER		377	409	420	425	425	425					
4.3212	OTHER LINERBOARD		6972	7167	7328	7662	7842	7947					
4.322	FLUTING MEDIUM		19073	19730	20052	20288	20398	20472					
	FROM 4.322 NOT DISAGGREGATED BELOW		3073	3239	3263	3274	3274	3274					
4.3221	SEMI-CHEMICAL FLUTING MEDIUM		8877	9143	9354	9454	9504	9547					
4.3222	OTHER FLUTING MEDIUM		7123	7348	7435	7560	7620	7651					
4.323	KRAFT WRAPPING AND PACKAGING		15893	16182	16535	16700	16884	16955					
	FROM 4.323 NOT DISAGGREGATED BELOW		1377	1400	1436	1441	1533	1558					
4.3231	SACK KRAFT		7272	7414	7552	7606	7637	7668					
4.3232	OTHER KRAFT WRAPPING AND PACKAGING		7244	7368	7547	7653	7714	7729					
4.324	FOLDING BOXBOARD		17878	18333	18722	18925	19079	19114					
	FROM 4.324 NOT DISAGGREGATED BELOW		2090	2183	2232	2262	2279	2279					
4.3241	PULP BASED FOLDING BOXBOARD		9096	9373	9603	9732	9832	9853					
	FROM 4.3241 NOT DISAGGREGATED BELOW		1135	1141	1147	1153	1159	1165					
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD		5324	5460	5555	5643	5724	5727					
4.32412	OTHER PULP BASED FOLDING BOXBOARD		2637	2772	2901	2936	2949	2961					
4.3242	WASTE PAPER BASED FOLDING BOXBOARD		6692	6777	6887	6931	6968	6982					
4.325	OTHER WRAPPING AND PACKAGING N.E.S.		12754	12945	13143	13228	13328	13376					
	FROM 4.325 NOT DISAGGREGATED BELOW		1050	1061	1071	1071	1071	1071					
4.3251	OTHER WRAPPING PAPER		3113	3192	3224	3228	3236	3239					
4.3252	OTHER PACKAGING PAPERBOARD		8591	8692	8848	8929	9021	9066					
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL		11870	12068	12245	12326	12379	12415					
	FROM 4.33 NOT DISAGGREGATED BELOW		700	701	701	702	702	702					
4.331	OTHER PAPER N.E.S.		5708	5851	5982	6042	6081	6104					
4.332	OTHER PAPERBOARD N.E.S.		5462	5516	5562	5582	5596	5609					

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

WORLD, CENTR. PLANNED		1983		1984		1985		1986		1987		1988	
PROCESS		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP	
		1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	17166	2657	17602	2657	17663	2657	17726	2657	17778	17778	17778	17778
1.1	MECHANICAL PULP	3602	9	3638	9	3682	9	3682	9	3682	9	3682	3682
	FROM 1.1 NOT DISAGGREGATED BELOW	2813	7	2848	7	2848	7	2848	7	2848	7	2848	2848
1.11	MECHANICAL NON-CONIFEROUS PULP	77	0	78	0	81	0	81	0	81	0	81	81
1.12	MECHANICAL CONIFEROUS PULP	712	2	712	2	753	2	753	2	753	2	753	753
1.2	THERMO-MECHANICAL PULP	153	0	175	0	190	0	190	0	190	0	202	202
	FROM 1.2 NOT DISAGGREGATED BELOW	120	0	140	0	140	0	140	0	140	0	152	152
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	33	0	35	0	50	0	50	0	50	0	50	50
1.3	SEMI-CHEMICAL PULP	1216	50	1264	50	1270	50	1291	50	1325	50	1325	1325
	FROM 1.3 NOT DISAGGREGATED BELOW	805	0	855	0	855	0	855	0	855	0	855	855
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	411	50	409	50	415	50	436	50	470	50	470	470
1.32	SEMI-CHEMICAL CONIFEROUS PULP	-	0	-	0	-	0	-	0	-	0	-	-
1.4	CHEMICAL PULP TOTAL	12195	2598	12525	2598	12521	2598	12563	2598	12569	2598	12569	12569
	FROM 1.4 NOT DISAGGREGATED BELOW	1330	37	1360	37	1380	37	1380	37	1380	37	1380	1380
1.41	UNBLEACHED SULPHITE PULP	3286	400	3334	400	3336	400	3336	400	3336	400	3336	3336
	FROM 1.41 NOT DISAGGREGATED BELOW	3050	350	3100	350	3100	350	3100	350	3100	350	3100	3100
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	8	0	5	0	8	0	8	0	8	0	8	8
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	228	50	229	50	228	50	228	50	228	50	228	228
1.42	BLEACHED SULPHITE PULP	391	227	390	227	390	227	396	227	396	227	396	396
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	57	52	56	52	56	52	56	52	56	52	56	56
1.422	BLEACHED CONIFEROUS SULPHITE PULP	334	175	334	175	334	175	340	175	340	175	340	340
1.43	UNBLEACHED SULPHATE PULP	4888	1550	5038	1550	5007	1550	5038	1550	5043	1550	5043	5043
	FROM 1.43 NOT DISAGGREGATED BELOW	4015	1550	4165	1550	4165	1550	4165	1550	4165	1550	4165	4165
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	93	0	93	0	93	0	93	0	93	0	93	93
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	780	0	780	0	749	0	780	0	785	0	785	785
1.44	BLEACHED SULPHATE+SODA PULP	2300	384	2403	384	2408	384	2413	384	2414	384	2414	2414
	FROM 1.44 NOT DISAGGREGATED BELOW	1551	150	1654	150	1659	150	1664	150	1665	150	1665	1665
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	283	74	283	74	283	74	283	74	283	74	283	283
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	466	160	466	160	466	160	466	160	466	160	466	466
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	4019	17	4255	17	4428	17	4463	17	4464	17	4464	4464
	FROM 2 NOT DISAGGREGATED BELOW	602	0	627	0	627	0	627	0	627	0	627	627
2.1	PULP OF STRAW	2022	16	2107	16	2202	16	2232	16	2232	16	2232	2232
2.2	PULP OF BAGASSE	205	0	210	0	225	0	225	0	225	0	225	225
2.3	PULP OF BAMBOO	125	0	133	0	148	0	153	0	154	0	154	154
2.4	PULP OF OTHER FIBRE	1065	1	1178	1	1226	1	1226	1	1226	1	1226	1226
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	2187	1752	2249	1752	2249	1752	2249	1752	2249	1752	2249	2249
	FROM 3 NOT DISAGGREGATED BELOW	1875	1550	1950	1550	1950	1550	1950	1550	1950	1550	1950	1950
3.1	NON-CONIFEROUS DISSOLVING PULP	293	190	293	190	293	190	293	190	293	190	293	293
3.2	CONIFEROUS DISSOLVING PULP	19	12	6	12	6	12	6	12	6	12	6	6
		1983		1984		1985		1986		1987		1988	
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD			25773	26544	26856	26941	27025	27158				
	FROM 4 NOT DISAGGREGATED BELOW			2	2	2	2	2	2				
4.1	NEWSPRINT			2768	2848	2888	2888	2916	2916				
4.2	OTHER PRINTING AND WRITING PAPER			4777	4906	5058	5144	5164	5168				
	FROM 4.2 NOT DISAGGREGATED BELOW			2238	2298	2374	2440	2450	2450				
4.21	COATED PRINTING AND WRITING PAPER			119	139	182	186	187	187				
	FROM 4.21 NOT DISAGGREGATED BELOW			45	65	100	100	100	100				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			46	46	46	46	46	46				
4.212	COATED WOODFREE PRINTING & WRITING PAPER			28	28	36	40	41	41				
4.22	UNCOATED PRINTING AND WRITING PAPER			2420	2469	2502	2518	2527	2531				
	FROM 4.22 NOT DISAGGREGATED BELOW			55	57	67	76	79	79				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			275	290	298	298	298	298				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			2090	2122	2137	2144	2150	2154				
4.3	OTHER PAPER AND PAPERBOARD			18226	18788	18908	18907	18943	19072				
	FROM 4.3 NOT DISAGGREGATED BELOW			1167	1167	1165	1160	1195	1281				
4.31	HOUSEHOLD AND SANITARY PAPER			516	536	554	554	554	554				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			14959	15436	15525	15526	15526	15569				
	FROM 4.32 NOT DISAGGREGATED BELOW			1110	1130	1130	1130	1130	1130				
4.321	LINERBOARD			2294	2394	2433	2433	2433	2473				
	FROM 4.321 NOT DISAGGREGATED BELOW			1780	1860	1860	1860	1860	1860				
4.3211	KRAFT LINER			150	180	200	200	200	200				
4.32111	UNBLEACHED KRAFT LINER			138	168	185	185	185	185				
4.32112	BLEACHED KRAFT LINER			12	12	15	15	15	15				
4.3212	OTHER LINERBOARD			364	354	373	373	373	413				
4.322	FLUTING MEDIUM			2851	2961	2980	2980	2980	2980				
	FROM 4.322 NOT DISAGGREGATED BELOW			2230	2340	2360	2360	2360	2360				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			325	325	325	325	325	325				
4.3222	OTHER FLUTING MEDIUM			296	296	295	295	295	295				
4.323	KRAFT WRAPPING AND PACKAGING			3196	3366	3375	3375	3375	3349				
4.3231	SACK KRAFT			2357	2467	2466	2466	2466	2440				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			839	899	909	909	909	909				
4.324	FOLDING BOXBOARD			2440	2480	2480	2480	2480	2486				
	FROM 4.3241 NOT DISAGGREGATED BELOW			1929	1969	1969	1969	1969	1975				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			527	527	527	527	527	527				
4.32412	OTHER PULP BASED FOLDING BOXBOARD			917	957	957	957	957	957				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			485	485	485	485	485	491				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			511	511	511	511	511	511				
4.3251	OTHER WRAPPING PAPER			3068	3105	3127	3128	3128	3151				
4.3252	OTHER PACKAGING PAPERBOARD			1295	1404	1426	1427	1427	1427				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			1773	1701	1701	1701	1701	1724				
4.331	OTHER PAPER N.E.S.			1584	1649	1664	1667	1668	1668				
4.332	OTHER PAPERBOARD N.E.S.			1014	1069	1084	1087	1088	1088				
				570	580	580	580	580	580				

WORLD, DEVELOPED		1983		1984		1985		1986		1987		1988	
PROCESS		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL		TOTAL	
		CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	CAPA- CITY								
1000 METRIC TONS (AIR DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	118426	23793	120683	23896	123578	24795	125075	25232	126199	126545		
	FROM 1 NOT DISAGGREGATED BELOW	196	0	196	0	266	0	341	0	376	376		
1.1	MECHANICAL PULP	21305	1436	21235	1549	21200	1589	20839	1589	20809	20902		
	FROM 1.1 NOT DISAGGREGATED BELOW	7668	478	7577	587	7510	592	7181	592	7127	7132		
1.11	MECHANICAL NON-CONIFEROUS PULP	317	13	317	13	318	13	318	13	318	318		
1.12	MECHANICAL CONIFEROUS PULP	13320	945	13341	949	13372	984	13340	984	13364	13452		
1.2	THERMO-MECHANICAL PULP	9036	259	10082	314	10577	339	11378	419	11789	11874		
	FROM 1.2 NOT DISAGGREGATED BELOW	3297	67	3758	67	3997	67	4338	67	4568	4568		
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	99	0	108	0	109	0	112	0	114	114		
1.22	THERMO-MECHANICAL CONIFEROUS PULP	5640	192	6216	247	6471	272	6928	352	7107	7192		
1.3	SEMI-CHEMICAL PULP	7849	161	7781	166	7884	195	7918	215	7927	7928		
	FROM 1.3 NOT DISAGGREGATED BELOW	650	0	674	0	682	0	682	0	682	682		
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	6756	158	6697	163	6792	192	6826	212	6835	6836		
1.32	SEMI-CHEMICAL CONIFEROUS PULP	443	3	410	3	410	3	410	3	410	410		
1.4	CHEMICAL PULP TOTAL	80040	21937	81389	21867	83651	22672	84599	23009	85298	85465		
	FROM 1.4 NOT DISAGGREGATED BELOW	230	110	240	110	240	110	240	110	240	240		
1.41	UNBLEACHED SULPHITE PULP	3110	332	2879	294	2792	311	2745	316	2706	2696		
	FROM 1.41 NOT DISAGGREGATED BELOW	1791	78	1697	45	1650	62	1608	62	1569	1569		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	70	0	65	0	65	0	65	0	65	65		
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	1249	254	1117	249	1077	249	1072	254	1072	1062		
1.42	BLEACHED SULPHITE PULP	4054	1702	4128	1501	4164	1516	4092	1484	4102	4114		
	FROM 1.42 NOT DISAGGREGATED BELOW	531	842	535	560	561	576	563	578	565	565		
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	868	232	892	242	901	242	903	244	903	903		
1.422	BLEACHED CONIFEROUS SULPHITE PULP	2655	628	2701	699	2702	698	2626	662	2634	2646		
1.43	UNBLEACHED SULPHATE PULP	29961	1547	29882	1304	30411	1336	30548	1307	30435	30440		
	FROM 1.43 NOT DISAGGREGATED BELOW	1878	376	1916	350	1928	355	1930	355	1932	1932		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	1995	91	2018	76	2095	66	2057	56	2059	2059		
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	26088	1080	25948	878	26388	915	26561	896	26444	26449		
1.44	BLEACHED SULPHATE+SODA PULP	42685	18246	42620	18658	46044	19399	46974	19792	47815	47975		
	FROM 1.44 NOT DISAGGREGATED BELOW	207	0	207	0	207	0	207	0	207	207		
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	17367	6182	17988	6330	19093	6688	19450	6726	19847	19972		
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	25111	12064	26065	12328	26744	12711	27317	13066	27761	27796		

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	1163	61	1162	61	1161	61	1153	61	1154	1154		
	FROM 2 NOT DISAGGREGATED BELOW	372	15	390	15	404	15	409	15	409	409		
2.1	PULP OF STRAW	512	32	482	32	467	32	452	32	453	453		
2.2	PULP OF BAGASSE	102	0	102	0	102	0	102	0	102	102		
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0		
2.4	PULP OF OTHER FIBRE	177	14	188	14	188	14	190	14	190	190		
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	3663	3282	3727	3336	3716	3325	3693	3287	3748	3713		
	FROM 3 NOT DISAGGREGATED BELOW	366	201	379	214	387	222	392	227	442	397		
3.1	NON-CONIFEROUS DISSOLVING PULP	1684	1483	1720	1509	1703	1492	1695	1469	1695	1695		
3.2	CONIFEROUS DISSOLVING PULP	1613	1598	1628	1613	1626	1611	1606	1591	1611	1621		

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	161377	165100	168934	171666	173570	174338
4.1	NEWSPRINT	26252	26809	27312	27542	27832	27943
4.2	OTHER PRINTING AND WRITING PAPER	42123	43587	45046	45943	46803	47095
	FROM 4.2 NOT DISAGGREGATED BELOW	599	599	599	599	599	599
4.21	COATED PRINTING AND WRITING PAPER	13058	13629	14170	14579	14833	14889
	FROM 4.21 NOT DISAGGREGATED BELOW	2339	2416	2476	2484	2487	2491
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	6770	7056	7372	7669	7857	7897
4.212	COATED WOODFREE PRINTING & WRITING PAPER	3949	4157	4322	4426	4489	4501
4.22	UNCOATED PRINTING AND WRITING PAPER	28466	29359	30277	30765	31371	31607
	FROM 4.22 NOT DISAGGREGATED BELOW	618	618	648	653	688	688
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	9177	9406	9443	9493	9704	9740
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	18671	19335	20186	20619	20979	21179
4.3	OTHER PAPER AND PAPERBOARD	93002	94704	96576	98181	98935	99300
4.31	HOUSEHOLD AND SANITARY PAPER	9470	9719	10013	10291	10329	10367
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	73961	75290	76738	77997	78665	78956
	FROM 4.32 NOT DISAGGREGATED BELOW	631	631	631	631	631	631
4.321	LINERBOARD	26798	27251	27840	28636	28973	29106
	FROM 4.321 NOT DISAGGREGATED BELOW	303	308	308	308	308	308
4.3211	KRAFT LINER	20420	20699	21165	21643	21802	21870
	FROM 4.3211 NOT DISAGGREGATED BELOW	3136	3208	3259	3304	3347	3390
4.32111	UNBLEACHED KRAFT LINER	16934	17114	17521	17949	18065	18090
4.32112	BLEACHED KRAFT LINER	350	377	385	390	390	390
4.3212	OTHER LINERBOARD	6075	6244	6367	6685	6863	6928
4.322	FLUTING MEDIUM	14541	14984	15193	15381	15485	15557
	FROM 4.322 NOT DISAGGREGATED BELOW	653	674	674	674	674	674
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	8301	8550	8701	8786	8834	8875
4.3222	OTHER FLUTING MEDIUM	5587	5760	5818	5921	5977	6008
4.323	KRAFT WRAPPING AND PACKAGING	10133	10121	10383	10421	10444	10477
	FROM 4.323 NOT DISAGGREGATED BELOW	810	810	824	824	824	824
4.3231	SACK KRAFT	3799	3763	3886	3874	3873	3894
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	5524	5548	5673	5723	5747	5759
4.324	FOLDING BOXBOARD	13476	13792	14023	14187	14321	14349
	FROM 4.324 NOT DISAGGREGATED BELOW	1636	1659	1671	1671	1671	1671
4.3241	PULP BASED FOLDING BOXBOARD	6901	7133	7336	7462	7561	7575
	FROM 4.3241 NOT DISAGGREGATED BELOW	608	614	620	626	632	638
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	4355	4448	4543	4631	4712	4715
4.32412	OTHER PULP BASED FOLDING BOXBOARD	1938	2071	2173	2205	2217	2222
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	4939	5000	5016	5054	5089	5103
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	8382	8511	8668	8741	8811	8836
	FROM 4.325 NOT DISAGGREGATED BELOW	890	900	910	910	910	910
4.3251	OTHER WRAPPING PAPER	1302	1260	1266	1269	1277	1280
4.3252	OTHER PACKAGING PAPERBOARD	6190	6351	6492	6562	6624	6646
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	9571	9695	9825	9893	9941	9977
	FROM 4.33 NOT DISAGGREGATED BELOW	681	681	681	681	681	681
4.331	OTHER PAPER N.E.S.	4192	4273	4357	4405	4439	4462
4.332	OTHER PAPERBOARD N.E.S.	4698	4741	4787	4807	4821	4834

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

WORLD, DEVELOPING		1983		1984		1985		1986		1987		1988	
PROCESS		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL OF	
		CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	WHICH MARKET PULP	CAPA- CITY	CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	8415	2858	8819	2939	9487	3185	9917	3237	10313	10450		
	FROM 1 NOT DISAGGREGATED BELOW	47	0	2	0	2	0	9	0	10	10		
1.1	MECHANICAL PULP	1184	69	1239	70	1364	74	1440	74	1460	1460		
	FROM 1.1 NOT DISAGGREGATED BELOW	363	0	400	0	430	0	490	0	502	502		
1.11	MECHANICAL NON-CONIFEROUS PULP	200	5	202	5	200	5	198	5	201	201		
1.12	MECHANICAL CONIFEROUS PULP	621	64	637	65	734	69	752	69	757	757		
1.2	THERMO-MECHANICAL PULP	191	10	245	10	330	15	385	20	395	395		
	FROM 1.2 NOT DISAGGREGATED BELOW	18	0	18	0	18	0	18	0	18	18		
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	50	0	50	0	50	0	80	0	80	80		
1.22	THERMO-MECHANICAL CONIFEROUS PULP	123	10	177	10	262	15	287	20	297	297		
1.3	SEMI-CHEMICAL PULP	584	18	613	18	769	18	809	18	830	836		
	FROM 1.3 NOT DISAGGREGATED BELOW	27	0	27	0	27	0	27	0	5	5		
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	502	11	529	11	685	11	725	11	768	774		
1.32	SEMI-CHEMICAL CONIFEROUS PULP	55	7	57	7	57	7	57	7	57	57		
1.4	CHEMICAL PULP TOTAL	6409	2761	6720	2841	7022	3078	7274	3125	7618	7749		
1.41	UNBLEACHED SULPHITE PULP	91	7	83	5	76	5	76	5	76	76		
	FROM 1.41 NOT DISAGGREGATED BELOW	20	0	20	0	20	0	20	0	20	20		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	4	2	0	0	15	0	15	0	15	15		
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	67	5	63	5	41	5	41	5	41	41		
1.42	BLEACHED SULPHITE PULP	93	27	81	21	81	21	81	21	81	81		
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	16	4	10	0	10	0	10	0	10	10		
1.422	BLEACHED CONIFEROUS SULPHITE PULP	77	23	71	21	71	21	71	21	71	71		
1.43	UNBLEACHED SULPHATE PULP	2304	516	2386	507	2581	639	2704	559	2806	2858		
	FROM 1.43 NOT DISAGGREGATED BELOW	140	0	140	0	140	0	140	0	140	140		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	550	64	562	64	547	64	567	64	587	587		
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	1614	452	1684	443	1894	575	1997	495	2079	2131		
1.44	BLEACHED SULPHATE+SODA PULP	3921	2211	4170	2308	4284	2413	4413	2540	4655	4734		
	FROM 1.44 NOT DISAGGREGATED BELOW	187	105	187	105	187	105	187	105	187	187		
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2724	1625	2919	1708	2960	1748	2988	1782	3134	3200		
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	1010	481	1064	495	1137	560	1238	653	1334	1347		
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	4033	285	4318	302	4589	302	4860	302	5011	5027		
	FROM 2 NOT DISAGGREGATED BELOW	32	0	32	0	32	0	32	0	32	32		
2.1	PULP OF STRAW	579	0	600	0	611	0	662	0	662	663		
2.2	PULP OF BAGASSE	1431	42	1595	42	1711	42	1825	42	1924	1939		
2.3	PULP OF BAMBOO	1229	30	1299	40	1404	40	1507	40	1570	1570		
2.4	PULP OF OTHER FIBRE	762	213	792	220	831	220	834	220	823	823		
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	252	40	272	60	297	80	317	80	347	347		
	FROM 3 NOT DISAGGREGATED BELOW	5	0	5	0	5	0	5	0	5	5		
3.1	NON-CONIFEROUS DISSOLVING PULP	205	30	225	50	250	70	270	70	300	300		
3.2	CONIFEROUS DISSOLVING PULP	42	10	42	10	42	10	42	10	42	42		
1983 1984 1985 1986 1987 1988													
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR													
4	PAPER AND PAPERBOARD		18783	19866	21156	21906	22429	22583					
	FROM 4 NOT DISAGGREGATED BELOW		26	13	38	52	54	56					
4.1	NEWSPRINT		1753	1977	2427	2549	2654	2665					
4.2	OTHER PRINTING AND WRITING PAPER		4419	4667	4933	5061	5139	5149					
	FROM 4.2 NOT DISAGGREGATED BELOW		756	831	875	887	887	887					
4.21	COATED PRINTING AND WRITING PAPER		352	379	384	392	392	392					
	FROM 4.21 NOT DISAGGREGATED BELOW		44	64	67	70	70	70					
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER		130	130	130	130	130	130					
4.212	COATED WOODFREE PRINTING & WRITING PAPER		178	185	187	192	192	192					
4.22	UNCOATED PRINTING AND WRITING PAPER		3311	3457	3674	3782	3860	3870					
	FROM 4.22 NOT DISAGGREGATED BELOW		543	547	547	547	547	547					
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER		175	175	195	195	249	249					
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER		2593	2735	2932	3040	3064	3074					
4.3	OTHER PAPER AND PAPERBOARD		12585	13209	13758	14244	14582	14713					
	FROM 4.3 NOT DISAGGREGATED BELOW		56	56	56	56	56	56					
4.31	HOUSEHOLD AND SANITARY PAPER		1245	1340	1373	1468	1494	1495					
4.32	WRAPPING AND PACKAGING PAPER AND BOARD		10569	11089	11573	11954	12262	12392					
	FROM 4.32 NOT DISAGGREGATED BELOW		23	24	24	24	24	24					
4.321	LINERBOARD		3035	3195	3326	3482	3573	3636					
	FROM 4.321 NOT DISAGGREGATED BELOW		1113	1119	1161	1230	1292	1316					
4.3211	KRAFT LINER		1389	1507	1577	1648	1675	1714					
	FROM 4.3211 NOT DISAGGREGATED BELOW		181	200	221	221	221	221					
4.32111	UNBLEACHED KRAFT LINER		1193	1287	1336	1407	1434	1473					
4.32112	BLEACHED KRAFT LINER		15	20	20	20	20	20					
4.3212	OTHER LINERBOARD		533	569	588	604	606	606					
4.322	FLUTING MEDIUM		1681	1785	1879	1927	1933	1935					
	FROM 4.322 NOT DISAGGREGATED BELOW		190	225	229	240	240	240					
4.3221	SEMI-CHEMICAL FLUTING MEDIUM		251	268	328	343	345	347					
4.3222	OTHER FLUTING MEDIUM		1240	1292	1322	1344	1348	1348					
4.323	KRAFT WRAPPING AND PACKAGING		2564	2695	2777	2904	3065	3129					
	FROM 4.323 NOT DISAGGREGATED BELOW		567	590	612	617	709	734					
4.3231	SACK KRAFT		1116	1184	1200	1266	1298	1334					
4.3232	OTHER KRAFT WRAPPING AND PACKAGING		881	921	965	1021	1058	1061					
4.324	FOLDING BOXBOARD		1962	2061	2219	2258	2278	2279					
	FROM 4.324 NOT DISAGGREGATED BELOW		454	524	561	591	608	608					
4.3241	PULP BASED FOLDING BOXBOARD		266	271	298	301	302	303					
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD		52	55	55	55	55	55					
4.32412	OTHER PULP BASED FOLDING BOXBOARD		214	216	243	246	247	248					
4.3242	WASTE PAPER BASED FOLDING BOXBOARD		1242	1266	1360	1366	1368	1368					
4.325	OTHER WRAPPING AND PACKAGING N.E.S.		1304	1329	1348	1359	1389	1389					
	FROM 4.325 NOT DISAGGREGATED BELOW		160	161	161	161	161	161					
4.3251	OTHER WRAPPING PAPER		516	528	532	532	532	532					
4.3252	OTHER PACKAGING PAPERBOARD		628	640	655	666	696	696					
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL		715	724	756	766	770	770					
	FROM 4.33 NOT DISAGGREGATED BELOW		19	20	20	21	21	21					
4.331	OTHER PAPER N.E.S.		502	509	541	550	554	554					
4.332	OTHER PAPERBOARD N.E.S.		194	195	195	195	195	195					

NORTHERN AMERICA

		1983		1984		1985		1986		1987	1988
PROCESS		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL OF CAPA- WHICH CITY MARKET PULP		TOTAL CAPA- CITY	TOTAL CAPA- CITY
		1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	72749	12538	74036	12767	75253	13223	75806	13468	76415	76415
1.1	MECHANICAL PULP	10319	431	10242	540	10173	540	9838	540	9729	9729
	FROM 1.1 NOT DISAGGREGATED BELOW	6384	418	6293	527	6216	527	5877	527	5768	5768
1.11	MECHANICAL NON-CONIFEROUS PULP	197	13	197	13	198	13	198	13	198	198
1.12	MECHANICAL CONIFEROUS PULP	3738	0	3752	0	3759	0	3763	0	3763	3763
1.2	THERMO-MECHANICAL PULP	5122	0	5763	0	6008	0	6408	0	6679	6679
	FROM 1.2 NOT DISAGGREGATED BELOW	3135	0	3596	0	3835	0	4176	0	4406	4406
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	99	0	108	0	109	0	112	0	114	114
1.22	THERMO-MECHANICAL CONIFEROUS PULP	1888	0	2059	0	2064	0	2120	0	2159	2159
1.3	SEMI-CHEMICAL PULP	4623	0	4668	0	4687	0	4700	0	4709	4709
	FROM 1.3 NOT DISAGGREGATED BELOW	462	0	466	0	474	0	474	0	474	474
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	4161	0	4202	0	4213	0	4226	0	4235	4235
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	52685	12107	53363	12227	54385	12683	54860	12928	55298	55298
1.41	UNBLEACHED SULPHITE PULP	2097	72	1956	45	1904	62	1862	62	1823	1823
	FROM 1.41 NOT DISAGGREGATED BELOW	1734	72	1640	45	1593	62	1551	62	1512	1512
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	363	0	316	0	311	0	311	0	311	311
1.42	BLEACHED SULPHITE PULP	1675	557	1703	560	1743	576	1745	578	1747	1747
	FROM 1.42 NOT DISAGGREGATED BELOW	457	557	461	560	487	576	489	578	491	491
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	353	-	360	-	364	-	364	-	364	364
1.422	BLEACHED CONIFEROUS SULPHITE PULP	865	-	882	-	892	-	892	-	892	892
1.43	UNBLEACHED SULPHATE PULP	20984	338	21013	350	21201	355	21253	355	21295	21295
	FROM 1.43 NOT DISAGGREGATED BELOW	1722	338	1760	350	1772	355	1774	355	1776	1776
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	963	-	963	-	971	-	974	-	976	976
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	18299	-	18290	-	18458	-	18505	-	18543	18543
1.44	BLEACHED SULPHATE+SODA PULP	27929	11140	28691	11272	29537	11690	30000	11933	30433	30433
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	9174	2592	9460	2623	9886	2725	10073	2723	10363	10363
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	18755	8548	19231	8649	19651	8965	19927	9210	20070	20070
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	344	0	362	0	376	0	381	0	381	381
	FROM 2 NOT DISAGGREGATED BELOW	344	0	362	0	376	0	381	0	381	381
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	1656	1647	1669	1660	1677	1668	1682	1673	1732	1687
	FROM 3 NOT DISAGGREGATED BELOW	201	201	214	214	222	222	227	227	277	232
3.1	NON-CONIFEROUS DISSOLVING PULP	509	506	509	506	509	506	509	506	509	509
3.2	CONIFEROUS DISSOLVING PULP	946	940	946	940	946	940	946	940	946	946

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	81219	82479	83757	84737	85200	85200
4.1	NEWSPRINT	15185	15312	15401	15394	15398	15398
4.2	OTHER PRINTING AND WRITING PAPER	18056	18730	19461	19793	20070	20070
4.21	COATED PRINTING AND WRITING PAPER	5311	5520	5640	5726	5763	5763
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	3132	3264	3327	3355	3358	3358
4.212	COATED WOODFREE PRINTING & WRITING PAPER	2179	2256	2313	2371	2405	2405
4.22	UNCOATED PRINTING AND WRITING PAPER	12745	13210	13821	14067	14307	14307
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2290	2311	2406	2431	2471	2471
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	10455	10899	11415	11636	11836	11836
4.3	OTHER PAPER AND PAPERBOARD	47978	48437	48895	49550	49732	49732
4.31	HOUSEHOLD AND SANITARY PAPER	5150	5211	5358	5517	5517	5517
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	38955	39334	39636	40124	40302	40302
4.321	LINERBOARD	16417	16611	16841	17247	17359	17359
4.3211	KRAFT LINER	15715	15902	16128	16433	16477	16477
	FROM 4.3211 NOT DISAGGREGATED BELOW	864	896	906	909	909	909
4.32111	UNBLEACHED KRAFT LINER	14757	14905	15123	15425	15469	15469
4.32112	BLEACHED KRAFT LINER	94	101	99	99	99	99
4.3212	OTHER LINERBOARD	702	709	713	814	882	882
4.322	FLUTING MEDIUM	6733	6850	6881	6898	6899	6899
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	5205	5263	5294	5311	5314	5314
4.3222	OTHER FLUTING MEDIUM	1528	1587	1587	1587	1585	1585
4.323	KRAFT WRAPPING AND PACKAGING	5192	5120	5075	5067	5066	5066
4.3231	SACK KRAFT	1170	1155	1146	1143	1142	1142
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	4022	3965	3929	3924	3924	3924
4.324	FOLDING BOXBOARD	7189	7294	7364	7430	7492	7492
4.3241	PULP BASED FOLDING BOXBOARD	4757	4826	4878	4932	4990	4990
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	3713	3769	3809	3851	3907	3907
4.32412	OTHER PULP BASED FOLDING BOXBOARD	1044	1057	1069	1081	1083	1083
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	2432	2468	2486	2498	2502	2502
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	3424	3459	3475	3482	3486	3486
4.3251	OTHER WRAPPING PAPER	19	19	19	19	19	19
4.3252	OTHER PACKAGING PAPERBOARD	3405	3440	3456	3463	3467	3467
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	3873	3892	3901	3909	3913	3913
4.331	OTHER PAPER N.E.S.	1177	1189	1196	1203	1206	1206
4.332	OTHER PAPERBOARD N.E.S.	2696	2703	2705	2706	2707	2707

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

JAPAN		1983		1984		1985		1986		1987		1988	
PROCESS		TOTAL OF CAPACITY WHICH		TOTAL OF CAPACITY WHICH		TOTAL OF CAPACITY WHICH		TOTAL OF CAPACITY WHICH		TOTAL CAPACITY		TOTAL CAPACITY	
		CITY	MARKET PULP	CITY	MARKET PULP	CITY	MARKET PULP	CITY	MARKET PULP	CITY	CITY	CITY	CITY
1000 METRIC TONS (AIR DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	12006	1058	11909	1058	12089	1058	12158	1058	12158	12158	12158	12158
1.1	MECHANICAL PULP	1551	25	1551	25	1551	25	1551	25	1551	1551	1551	1551
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	1551	25	1551	25	1551	25	1551	25	1551	1551	1551	1551
1.2	THERMO-MECHANICAL PULP	995	0	995	0	995	0	995	0	995	995	995	995
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	995	0	995	0	995	0	995	0	995	995	995	995
1.3	SEMI-CHEMICAL PULP	1478	50	1336	50	1336	50	1336	50	1336	1336	1336	1336
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	1139	50	1030	50	1030	50	1030	50	1030	1030	1030	1030
1.32	SEMI-CHEMICAL CONIFEROUS PULP	339	0	306	0	306	0	306	0	306	306	306	306
1.4	CHEMICAL PULP TOTAL	7982	983	8027	983	8207	983	8276	983	8276	8276	8276	8276
1.41	UNBLEACHED SULPHITE PULP	215	24	215	24	215	24	215	24	215	215	215	215
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	15	0	15	0	15	0	15	0	15	15	15	15
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	200	24	200	24	200	24	200	24	200	200	200	200
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	3186	303	3170	303	3170	303	3170	303	3170	3170	3170	3170
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	796	36	792	36	792	36	792	36	792	792	792	792
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	2390	267	2378	267	2378	267	2378	267	2378	2378	2378	2378
1.44	BLEACHED SULPHATE+SODA PULP	4581	656	4642	656	4822	656	4891	656	4891	4891	4891	4891
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	3802	567	3853	567	4002	567	4060	567	4060	4060	4060	4060
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	779	89	789	89	820	89	831	89	831	831	831	831
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	4	4	4	4	4	4	4	4	4	4	4	4
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	4	4	4	4	4	4	4	4	4	4	4	4
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	449	383	449	383	449	383	449	383	449	449	449	449
3.1	NON-CONIFEROUS DISSOLVING PULP	386	329	386	329	386	329	386	329	386	386	386	386
3.2	CONIFEROUS DISSOLVING PULP	63	54	63	54	63	54	63	54	63	63	63	63

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	23198	23790	24189	24363	24602	24908
4.1	NEWSPRINT	2837	2830	2902	2930	2959	2989
4.2	OTHER PRINTING AND WRITING PAPER	5957	6126	6236	6195	6180	6226
4.21	COATED PRINTING AND WRITING PAPER	1856	1910	1970	1978	1981	1985
	FROM 4.21 NOT DISAGGREGATED BELOW	1856	1910	1970	1978	1981	1985
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	-	-
4.212	COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	-	-
4.22	UNCOATED PRINTING AND WRITING PAPER	4101	4216	4266	4217	4199	4241
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2057	2148	2158	2118	2095	2116
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	2044	2068	2108	2099	2104	2125
4.3	OTHER PAPER AND PAPERBOARD	14404	14834	15051	15238	15463	15693
4.31	HOUSEHOLD AND SANITARY PAPER	1110	1156	1167	1179	1191	1202
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	10529	10853	11033	11188	11377	11568
4.321	LINERBOARD	4380	4467	4556	4647	4741	4835
4.3211	KRAFT LINER	2016	2056	2097	2139	2182	2225
	FROM 4.3211 NOT DISAGGREGATED BELOW	2016	2056	2097	2139	2182	2225
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212	OTHER LINERBOARD	2364	2411	2459	2508	2559	2610
4.322	FLUTING MEDIUM	2643	2830	2886	2944	3024	3085
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	1650	1817	1853	1890	1928	1967
4.3222	OTHER FLUTING MEDIUM	993	1013	1033	1054	1096	1118
4.323	KRAFT WRAPPING AND PACKAGING	1267	1294	1307	1290	1282	1295
4.3231	SACK KRAFT	662	630	636	615	602	608
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	605	664	671	675	680	687
4.324	FOLDING BOXBOARD	1767	1785	1803	1821	1839	1857
4.3241	PULP BASED FOLDING BOXBOARD	588	594	600	606	612	618
	FROM 4.3241 NOT DISAGGREGATED BELOW	588	594	600	606	612	618
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	1179	1191	1203	1215	1227	1239
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	472	477	481	486	491	496
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	472	477	481	486	491	496
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	2765	2825	2851	2871	2895	2923
4.331	OTHER PAPER N.E.S.	1488	1535	1548	1555	1566	1581
4.332	OTHER PAPERBOARD N.E.S.	1277	1290	1303	1316	1329	1342

EEC COUNTRIES		1983		1984		1985		1986		1987	1988	
PROCESS		TOTAL OF	WHICH	TOTAL	TOTAL							
		CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY							
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	5786	1150	5875	1175	6080	1184	6411	1220	6498	6504	
	FROM 1 NOT DISAGGREGATED BELOW	196	0	196	0	266	0	341	0	376	376	
1.1	MECHANICAL PULP	2710	7	2713	7	2772	7	2831	7	2845	2848	
	FROM 1.1 NOT DISAGGREGATED BELOW	650	0	650	0	650	0	650	0	650	650	
1.11	MECHANICAL NON-CONIFEROUS PULP	20	0	20	0	20	0	20	0	20	20	
1.12	MECHANICAL CONIFEROUS PULP	2040	7	2043	7	2102	7	2161	7	2175	2178	
1.2	THERMO-MECHANICAL PULP	86	17	86	17	86	17	172	17	202	202	
	FROM 1.2 NOT DISAGGREGATED BELOW	22	17	22	17	22	17	22	17	22	22	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	64	0	64	0	64	0	150	0	180	180	
1.3	SEMI-CHEMICAL PULP	389	65	414	70	429	70	439	70	439	440	
	FROM 1.3 NOT DISAGGREGATED BELOW	120	0	140	0	140	0	140	0	140	140	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	257	65	262	70	277	70	287	70	287	288	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	12	0	12	0	12	0	12	0	12	12	
1.4	CHEMICAL PULP TOTAL	2405	1061	2466	1081	2527	1090	2628	1126	2636	2638	
	FROM 1.4 NOT DISAGGREGATED BELOW	120	0	130	0	130	0	130	0	130	130	
1.41	UNBLEACHED SULPHITE PULP	4	0	4	0	4	0	4	0	4	4	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	4	0	4	0	4	0	4	0	4	4	
1.42	BLEACHED SULPHITE PULP	821	291	842	291	853	300	824	286	832	834	
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	217	38	229	37	229	37	231	39	231	231	
1.422	BLEACHED CONIFEROUS SULPHITE PULP	604	253	613	254	624	263	593	247	601	603	
1.43	UNBLEACHED SULPHATE PULP	490	0	500	0	500	0	550	0	550	550	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	490	0	500	0	500	0	550	0	550	550	
1.44	BLEACHED SULPHATE+SODA PULP	970	770	990	790	1040	790	1120	840	1120	1120	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	720	570	720	570	770	570	790	590	790	790	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	250	200	270	220	270	220	330	250	330	330	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	464	47	434	47	419	47	404	47	405	405	
	FROM 2 NOT DISAGGREGATED BELOW	20	15	20	15	20	15	20	15	20	20	
2.1	PULP OF STRAW	335	32	305	32	290	32	275	32	276	276	
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	
2.4	PULP OF OTHER FIBRE	109	0	109	0	109	0	109	0	109	109	
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	252	192	258	198	259	199	261	201	261	261	
	FROM 3 NOT DISAGGREGATED BELOW	60	0	60	0	60	0	60	0	60	60	
3.1	NON-CONIFEROUS DISSOLVING PULP	108	108	109	109	112	112	109	109	109	109	
3.2	CONIFEROUS DISSOLVING PULP	84	84	89	89	87	87	92	92	92	92	

		1983	1984	1985	1986	1987	1988					

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												

4	PAPER AND PAPERBOARD	27466	28476	29419	30468	31115	31219					
4.1	NEWSPRINT	1782	2036	2243	2457	2519	2515					
4.2	OTHER PRINTING AND WRITING PAPER	10020	10333	10712	11130	11580	11621					
4.21	COATED PRINTING AND WRITING PAPER	4032	4179	4423	4658	4817	4839					
	FROM 4.21 NOT DISAGGREGATED BELOW	253	276	276	276	276	276					
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	2769	2847	3038	3247	3397	3417					
4.212	COATED WOODFREE PRINTING & WRITING PAPER	1010	1056	1109	1135	1144	1146					
4.22	UNCOATED PRINTING AND WRITING PAPER	5988	6154	6289	6472	6763	6782					
	FROM 4.22 NOT DISAGGREGATED BELOW	18	18	18	18	18	18					
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2081	2116	2148	2183	2357	2367					
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	3889	4020	4123	4271	4388	4397					
4.3	OTHER PAPER AND PAPERBOARD	15664	16107	16464	16881	17016	17083					
4.31	HOUSEHOLD AND SANITARY PAPER	1840	1939	2026	2110	2120	2144					
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	12071	12374	12604	12917	13022	13057					
4.321	LINERBOARD	2722	2827	2898	3066	3125	3139					
4.3211	KRAFT LINER	412	412	412	412	412	412					
	FROM 4.3211 NOT DISAGGREGATED BELOW	110	110	110	110	110	110					
4.32111	UNBLEACHED KRAFT LINER	261	261	261	261	261	261					
4.32112	BLEACHED KRAFT LINER	41	41	41	41	41	41					
4.3212	OTHER LINERBOARD	2310	2415	2486	2654	2713	2727					
4.322	FLUTING MEDIUM	3436	3546	3589	3677	3694	3705					
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	533	553	558	564	565	567					
4.3222	OTHER FLUTING MEDIUM	2903	2993	3031	3113	3129	3138					
4.323	KRAFT WRAPPING AND PACKAGING	681	675	683	684	683	683					
4.3231	SACK KRAFT	235	235	235	235	235	235					
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	446	440	448	449	448	448					
4.324	FOLDING BOXBOARD	2067	2139	2162	2182	2196	2201					
	FROM 4.324 NOT DISAGGREGATED BELOW	831	833	845	845	845	845					
4.3241	PULP BASED FOLDING BOXBOARD	322	374	374	375	375	378					
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	49	51	51	52	52	55					
4.32412	OTHER PULP BASED FOLDING BOXBOARD	273	323	323	323	323	323					
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	914	932	943	962	976	978					
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	3165	3187	3272	3308	3324	3329					
	FROM 4.325 NOT DISAGGREGATED BELOW	580	580	580	580	580	580					
4.3251	OTHER WRAPPING PAPER	915	891	900	903	906	909					
4.3252	OTHER PACKAGING PAPERBOARD	1670	1716	1792	1825	1838	1840					
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	1753	1794	1834	1854	1874	1882					
	FROM 4.33 NOT DISAGGREGATED BELOW	400	400	400	400	400	400					
4.331	OTHER PAPER N.E.S.	935	954	978	997	1017	1025					
4.332	OTHER PAPERBOARD N.E.S.	418	440	456	457	457	457					

PAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

NORDIC COUNTRIES		1983		1984		1985		1986		1987	1988	
PROCESS		TOTAL OF	WHICH	TOTAL	TOTAL							
		CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY							
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	19872	6410	20415	6425	20935	6465	21375	6595	21655	21720	
1.1	MECHANICAL PULP	4907	595	4875	600	4810	605	4715	605	4725	4725	
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.12	MECHANICAL CONIFEROUS PULP	4907	595	4875	600	4810	605	4715	605	4725	4725	
1.2	THERMO-MECHANICAL PULP	2255	135	2640	190	2890	215	3205	295	3315	3340	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	2255	135	2640	190	2890	215	3205	295	3315	3340	
1.3	SEMI-CHEMICAL PULP	675	35	675	35	740	35	750	35	750	750	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	675	35	675	35	740	35	750	35	750	750	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.4	CHEMICAL PULP TOTAL	12035	5645	12225	5600	12495	5610	12705	5660	12865	12905	
1.41	UNBLEACHED SULPHITE PULP	580	230	500	225	465	225	460	230	460	450	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	580	230	500	225	465	225	460	230	460	450	
1.42	BLEACHED SULPHITE PULP	800	505	815	525	800	515	755	495	755	765	
	FROM 1.42 NOT DISAGGREGATED BELOW	0	55	0	0	0	0	0	0	0	0	
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	115	75	120	80	125	80	125	80	125	125	
1.422	BLEACHED CONIFEROUS SULPHITE PULP	685	375	695	445	675	435	630	415	630	640	
1.43	UNBLEACHED SULPHATE PULP	3595	565	3400	375	3470	395	3485	370	3340	3345	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	135	25	125	20	135	20	145	20	145	145	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	3460	540	3275	355	3335	375	3340	350	3195	3200	
1.44	BLEACHED SULPHATE+SODA PULP	7060	4345	7510	4475	7760	4475	8005	4565	8310	8345	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2265	1380	2410	1375	2535	1320	2605	1330	2645	2650	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	4795	2965	5100	3100	5225	3155	5400	3235	5665	5695	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0	
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0	
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0	
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0	
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0	
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	580	570	580	570	560	550	515	505	520	530	
3.1	NON-CONIFEROUS DISSOLVING PULP	60	50	50	40	30	20	10	0	10	10	
3.2	CONIFEROUS DISSOLVING PULP	520	520	530	530	530	530	505	505	510	520	

		1983	1984	1985	1986	1987	1988					

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												
4	PAPER AND PAPERBOARD	16465	16970	17680	18070	18520	18705					
4.1	NEWSPRINT	4585	4670	4785	4780	4955	5025					
4.2	OTHER PRINTING AND WRITING PAPER	4795	5020	5215	5390	5500	5550					
4.21	COATED PRINTING AND WRITING PAPER	1080	1180	1290	1365	1420	1450					
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	760	835	890	950	985	1005					
4.212	COATED WOODFREE PRINTING & WRITING PAPER	320	345	400	415	435	445					
4.22	UNCOATED PRINTING AND WRITING PAPER	3715	3840	3925	4025	4080	4100					
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2345	2435	2330	2360	2380	2380					
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1370	1405	1595	1665	1700	1720					
4.3	OTHER PAPER AND PAPERBOARD	7085	7280	7680	7900	8065	8130					
4.31	HOUSEHOLD AND SANITARY PAPER	480	480	520	535	550	550					
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	5860	6055	6360	6545	6695	6760					
4.321	LINERBOARD	1545	1575	1605	1660	1695	1720					
4.3211	KRAFT LINER	1540	1560	1590	1645	1680	1705					
4.32111	UNBLEACHED KRAFT LINER	1330	1330	1350	1400	1435	1460					
4.32112	BLEACHED KRAFT LINER	210	230	240	245	245	245					
4.3212	OTHER LINERBOARD	5	15	15	15	15	15					
4.322	FLUTING MEDIUM	685	685	740	755	760	760					
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	680	680	735	750	755	755					
4.3222	OTHER FLUTING MEDIUM	5	5	5	5	5	5					
4.323	KRAFT WRAPPING AND PACKAGING	1485	1495	1550	1580	1610	1630					
4.3231	SACK KRAFT	1165	1165	1195	1205	1215	1230					
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	320	330	355	375	395	400					
4.324	FOLDING BOXBOARD	1335	1435	1555	1615	1655	1660					
	FROM 4.324 NOT DISAGGREGATED BELOW	35	35	35	35	35	35					
4.3241	PULP BASED FOLDING BOXBOARD	1145	1250	1395	1460	1495	1500					
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	575	610	665	710	735	735					
4.32412	OTHER PULP BASED FOLDING BOXBOARD	570	640	730	750	760	765					
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	155	150	125	120	125	125					
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	810	865	910	935	975	990					
4.3251	OTHER WRAPPING PAPER	250	230	230	230	230	230					
4.3252	OTHER PACKAGING PAPERBOARD	560	635	680	705	745	760					
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	745	745	800	820	820	820					
4.331	OTHER PAPER N.E.S.	490	490	530	545	545	545					
4.332	OTHER PAPERBOARD N.E.S.	255	255	270	275	275	275					

REST OF WESTERN EUROPE		1983		1984		1985		1986		1987	1988
		TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
PROCESS		1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	4860	1916	5028	1712	5229	1897	5255	1897	5335	5465
1.1	MECHANICAL PULP	874	61	889	60	899	65	909	65	964	969
	FROM 1.1 NOT DISAGGREGATED BELOW	634	60	634	60	644	65	654	65	709	714
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	240	1	255	0	255	0	255	0	255	255
1.2	THERMO-MECHANICAL PULP	140	50	140	50	140	50	140	50	140	140
	FROM 1.2 NOT DISAGGREGATED BELOW	140	50	140	50	140	50	140	50	140	140
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	118	0	118	0	118	0	118	0	118	118
	FROM 1.3 NOT DISAGGREGATED BELOW	68	0	68	0	68	0	68	0	68	68
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	50	0	50	0	50	0	50	0	50	50
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	3728	1805	3881	1602	4072	1782	4088	1782	4113	4238
	FROM 1.4 NOT DISAGGREGATED BELOW	110	110	110	110	110	110	110	110	110	110
1.41	UNBLEACHED SULPHITE PULP	161	6	151	0	151	0	151	0	151	151
	FROM 1.41 NOT DISAGGREGATED BELOW	57	6	57	0	57	0	57	0	57	57
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	55	0	50	0	50	0	50	0	50	50
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	49	0	44	0	44	0	44	0	44	44
1.42	BLEACHED SULPHITE PULP	758	349	768	125	768	125	768	125	768	768
	FROM 1.42 NOT DISAGGREGATED BELOW	74	230	74	0	74	0	74	0	74	74
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	183	119	183	125	183	125	183	125	183	183
1.422	BLEACHED CONIFEROUS SULPHITE PULP	501	0	511	0	511	0	511	0	511	511
1.43	UNBLEACHED SULPHATE PULP	1102	175	1130	112	1131	102	1137	92	1112	1112
	FROM 1.43 NOT DISAGGREGATED BELOW	156	38	156	0	156	0	156	0	156	156
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	91	30	106	20	98	10	91	0	91	91
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	855	107	868	92	877	92	890	92	865	865
1.44	BLEACHED SULPHATE+SODA PULP	1597	1165	1722	1255	1912	1445	1922	1455	1972	2097
	FROM 1.44 NOT DISAGGREGATED BELOW	207	0	207	0	207	0	207	0	207	207
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	1222	1045	1325	1155	1515	1345	1525	1355	1540	1660
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	168	120	190	100	190	100	190	100	225	230
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	239	10	250	10	250	10	252	10	252	252
2.1	PULP OF STRAW	175	0	175	0	175	0	175	0	175	175
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	64	10	75	10	75	10	77	10	77	77
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	286	50	286	40	286	40	286	40	286	286
	FROM 3 NOT DISAGGREGATED BELOW	105	0	105	0	105	0	105	0	105	105
3.1	NON-CONIFEROUS DISSOLVING PULP	181	50	181	40	181	40	181	40	181	181
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

		1983	1984	1985	1986	1987	1988
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	8839	9074	9134	9144	9204	9224
4.1	NEWSPRINT	787	830	830	830	850	865
4.2	OTHER PRINTING AND WRITING PAPER	2690	2738	2778	2788	2823	2828
	FROM 4.2 NOT DISAGGREGATED BELOW	599	599	599	599	599	599
4.21	COATED PRINTING AND WRITING PAPER	703	763	768	773	773	773
	FROM 4.21 NOT DISAGGREGATED BELOW	230	230	230	230	230	230
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	82	82	87	87	87	87
4.212	COATED WOODFREE PRINTING & WRITING PAPER	391	451	451	456	456	456
4.22	UNCOATED PRINTING AND WRITING PAPER	1388	1376	1411	1416	1451	1456
	FROM 4.22 NOT DISAGGREGATED BELOW	600	600	630	635	670	670
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	294	285	290	290	290	295
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	494	491	491	491	491	491
4.3	OTHER PAPER AND PAPERBOARD	5362	5506	5526	5526	5531	5531
4.31	HOUSEHOLD AND SANITARY PAPER	604	646	646	646	646	646
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	4396	4494	4514	4514	4519	4519
	FROM 4.32 NOT DISAGGREGATED BELOW	631	631	631	631	631	631
4.321	LINERBOARD	1209	1231	1246	1246	1246	1246
	FROM 4.321 NOT DISAGGREGATED BELOW	200	205	205	205	205	205
4.3211	KRAFT LINER	433	450	465	465	465	465
	FROM 4.3211 NOT DISAGGREGATED BELOW	146	146	146	146	146	146
4.32111	UNBLEACHED KRAFT LINER	287	304	319	319	319	319
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	576	576	576	576	576	576
4.322	FLUTING MEDIUM	723	744	744	744	744	744
	FROM 4.322 NOT DISAGGREGATED BELOW	653	674	674	674	674	674
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	70	70	70	70	70	70
4.323	KRAFT WRAPPING AND PACKAGING	508	530	530	530	530	530
4.3231	SACK KRAFT	423	429	429	429	429	429
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	85	101	101	101	101	101
4.324	FOLDING BOXBOARD	820	841	841	841	841	841
	FROM 4.324 NOT DISAGGREGATED BELOW	760	781	781	781	781	781
4.3241	PULP BASED FOLDING BOXBOARD	20	20	20	20	20	20
	FROM 4.3241 NOT DISAGGREGATED BELOW	20	20	20	20	20	20
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	-	-	-	-	-	-
4.32412	OTHER PULP BASED FOLDING BOXBOARD	-	-	-	-	-	-
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	40	40	40	40	40	40
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	505	517	522	522	527	527
	FROM 4.325 NOT DISAGGREGATED BELOW	310	320	330	330	330	330
4.3251	OTHER WRAPPING PAPER	112	114	109	109	114	114
4.3252	OTHER PACKAGING PAPERBOARD	83	83	83	83	83	83
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	362	366	366	366	366	366
	FROM 4.33 NOT DISAGGREGATED BELOW	281	281	281	281	281	281
4.331	OTHER PAPER N.E.S.	53	56	56	56	56	56
4.332	OTHER PAPERBOARD N.E.S.	28	29	29	29	29	29

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

OCEANIA		1983		1984		1985		1986		1987	1988
PROCESS	TOTAL	OF	TOTAL	OF	TOTAL	OF	TOTAL	OF	TOTAL	TOTAL	
	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	CAPA-	
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	2326	681	2397	689	2519	783	2525	809	2525	2670
1.1	MECHANICAL PULP	740	317	740	317	770	347	770	347	770	855
1.11	MECHANICAL NON-CONIFEROUS PULP	100	0	100	0	100	0	100	0	100	100
1.12	MECHANICAL CONIFEROUS PULP	640	317	640	317	670	347	670	347	670	755
1.2	THERMO-MECHANICAL PULP	288	57	308	57	308	57	308	57	308	368
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	288	57	308	57	308	57	308	57	308	368
1.3	SEMI-CHEMICAL PULP	401	11	405	11	409	40	410	60	410	410
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	309	8	313	8	317	37	318	57	318	318
1.32	SEMI-CHEMICAL CONIFEROUS PULP	92	3	92	3	92	3	92	3	92	92
1.4	CHEMICAL PULP TOTAL	897	296	944	304	1032	339	1037	345	1037	1037
1.41	UNBLEACHED SULPHITE PULP	53	0	53	0	53	0	53	0	53	53
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	53	0	53	0	53	0	53	0	53	53
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	442	161	475	164	550	181	549	187	549	549
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	10	0	32	0	54	0	10	0	10	10
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	432	161	443	164	496	181	539	187	539	539
1.44	BLEACHED SULPHATE+SODA PULP	402	135	416	140	429	158	435	158	435	435
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	121	13	135	18	148	36	154	36	154	154
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	281	122	281	122	281	122	281	122	281	281
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	10	0	10	0	10	0	10	0	10	10
	FROM 2 NOT DISAGGREGATED BELOW	8	0	8	0	8	0	8	0	8	8
2.1	PULP OF STRAW	2	0	2	0	2	0	2	0	2	2
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	2509	2534	2641	2650	2654	2807
4.1	NEWSPRINT	685	705	705	705	705	705
4.2	OTHER PRINTING AND WRITING PAPER	278	283	287	290	293	443
4.21	COATED PRINTING AND WRITING PAPER	46	47	49	49	49	49
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	27	28	30	30	30	30
4.212	COATED WOODFREE PRINTING & WRITING PAPER	19	19	19	19	19	19
4.22	UNCOATED PRINTING AND WRITING PAPER	232	236	238	241	244	394
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	42	43	43	43	43	43
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	190	193	195	198	201	351
4.3	OTHER PAPER AND PAPERBOARD	1546	1546	1649	1655	1656	1659
4.31	HOUSEHOLD AND SANITARY PAPER	171	171	176	182	183	186
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1332	1332	1430	1430	1430	1430
4.321	LINERBOARD	210	210	210	210	210	210
	FROM 4.321 NOT DISAGGREGATED BELOW	100	100	100	100	100	100
4.3211	KRAFT LINER	110	110	110	110	110	110
4.32111	UNBLEACHED KRAFT LINER	105	105	105	105	105	105
4.32112	BLEACHED KRAFT LINER	5	5	5	5	5	5
4.3212	OTHER LINERBOARD	0	0	0	0	0	0
4.322	FLUTING MEDIUM	110	110	110	110	110	110
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	110	110	110	110	110	110
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	878	878	976	976	976	976
	FROM 4.323 NOT DISAGGREGATED BELOW	810	810	824	824	824	824
4.3231	SACK KRAFT	57	57	141	141	141	141
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	11	11	11	11	11	11
4.324	FOLDING BOXBOARD	134	134	134	134	134	134
	FROM 4.324 NOT DISAGGREGATED BELOW	10	10	10	10	10	10
4.3241	PULP BASED FOLDING BOXBOARD	69	69	69	69	69	69
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	18	18	18	18	18	18
4.32412	OTHER PULP BASED FOLDING BOXBOARD	51	51	51	51	51	51
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	55	55	55	55	55	55
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	43	43	43	43	43	43
4.331	OTHER PAPER N.E.S.	41	41	41	41	41	41
4.332	OTHER PAPERBOARD N.E.S.	2	2	2	2	2	2

ISRAEL		1983		1984		1985		1986		1987	1988
PROCESS		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL OF		TOTAL	TOTAL
		CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	CAPA-
		CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY
		1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

		1983	1984	1985	1986	1987	1988
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	161	162	162	162	162	162
4.1	NEWSPRINT	6	6	6	6	6	6
4.2	OTHER PRINTING AND WRITING PAPER	67	67	67	67	67	67
4.21	COATED PRINTING AND WRITING PAPER	0	0	0	0	0	0
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	67	67	67	67	67	67
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	8	8	8	8	8	8
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	59	59	59	59	59	59
4.3	OTHER PAPER AND PAPERBOARD	88	89	89	89	89	89
4.31	HOUSEHOLD AND SANITARY PAPER	29	30	30	30	30	30
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	46	46	46	46	46	46
4.321	LINERBOARD	3	3	3	3	3	3
FROM 4.321 NOT DISAGGREGATED BELOW		3	3	3	3	3	3
4.3211	KRAFT LINER	-	-	-	-	-	-
4.32111	UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112	BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212	OTHER LINERBOARD	-	-	-	-	-	-
4.322	FLUTING MEDIUM	27	27	27	27	27	27
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	27	27	27	27	27	27
4.323	KRAFT WRAPPING AND PACKAGING	14	14	14	14	14	14
4.3231	SACK KRAFT	3	3	3	3	3	3
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	11	11	11	11	11	11
4.324	FOLDING BOXBOARD	2	2	2	2	2	2
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	2	2	2	2	2	2
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	13	13	13	13	13	13
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	13	13	13	13	13	13

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

SOUTH AFRICA		1983		1984		1985		1986		1987		1988	
		TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP
PROCESS		1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	827	40	1023	70	1473	185	1545	185	1613	1613		
1.1	MECHANICAL PULP	204	0	225	0	225	0	225	0	225	225		
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.12	MECHANICAL CONIFEROUS PULP	204	0	225	0	225	0	225	0	225	225		
1.2	THERMO-MECHANICAL PULP	150	0	150	0	150	0	150	0	150	150		
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.22	THERMO-MECHANICAL CONIFEROUS PULP	150	0	150	0	150	0	150	0	150	150		
1.3	SEMI-CHEMICAL PULP	165	0	165	0	165	0	165	0	165	165		
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	165	0	165	0	165	0	165	0	165	165		
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.4	CHEMICAL PULP TOTAL	308	40	483	70	933	185	1005	185	1073	1073		
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.43	UNBLEACHED SULPHATE PULP	162	5	194	0	389	0	404	0	419	419		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	45	0	45	0	45	45		
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	162	5	194	0	344	0	359	0	374	374		
1.44	BLEACHED SULPHATE+SODA PULP	146	35	289	70	544	185	601	185	654	654		
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	63	15	85	22	237	125	243	125	295	295		
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	83	20	204	48	307	60	358	60	359	359		
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	102	0	102	0	102	0	102	0	102	102		
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0		
2.2	PULP OF BAGASSE	102	0	102	0	102	0	102	0	102	102		
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0		
2.4	PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0		
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	440	440	485	485	485	485	500	485	500	500		
3.1	NON-CONIFEROUS DISSOLVING PULP	440	440	485	485	485	485	500	485	500	500		
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0		
		1983 1984 1985 1986 1987 1988											
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD			1520	1615	1952	2072	2113	2113				
4.1	NEWSPRINT			385	420	440	440	440	440				
4.2	OTHER PRINTING AND WRITING PAPER			260	290	290	290	290	290				
4.21	COATED PRINTING AND WRITING PAPER			30	30	30	30	30	30				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0				
4.212	COATED WOODFREE PRINTING & WRITING PAPER			30	30	30	30	30	30				
4.22	UNCOATED PRINTING AND WRITING PAPER			230	260	260	260	260	260				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			60	60	60	60	60	60				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			170	200	200	200	200	200				
4.3	OTHER PAPER AND PAPERBOARD			875	905	1222	1342	1383	1383				
4.31	HOUSEHOLD AND SANITARY PAPER			86	86	90	92	92	92				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			772	802	1115	1233	1274	1274				
4.321	LINERBOARD			312	327	481	557	594	594				
4.3211	KRAFT LINER			194	209	363	439	476	476				
4.32111	UNBLEACHED KRAFT LINER			194	209	363	439	476	476				
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0				
4.3212	OTHER LINERBOARD			118	118	118	118	118	118				
4.322	FLUTING MEDIUM			184	192	216	226	227	227				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			123	127	151	161	162	162				
4.3222	OTHER FLUTING MEDIUM			61	65	65	65	65	65				
4.323	KRAFT WRAPPING AND PACKAGING			108	115	248	280	283	283				
4.3231	SACK KRAFT			84	89	101	103	106	106				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			24	26	147	177	177	177				
4.324	FOLDING BOXBOARD			162	162	162	162	162	162				
4.3241	PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0				
4.32412	OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			162	162	162	162	162	162				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			6	6	8	8	8	8				
4.3251	OTHER WRAPPING PAPER			6	6	8	8	8	8				
4.3252	OTHER PACKAGING PAPERBOARD			0	0	0	0	0	0				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			17	17	17	17	17	17				
4.331	OTHER PAPER N.E.S.			8	8	8	8	8	8				
4.332	OTHER PAPERBOARD N.E.S.			9	9	9	9	9	9				

AFRICA, DEVELOPING		1983		1984		1985		1986		1987	1988
PROCESS	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL OF	TOTAL	TOTAL	
	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- WHICH CITY MARKET PULP	CAPA- CITY	CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	724	497	774	498	793	498	808	498	815	815
	FROM 1 NOT DISAGGREGATED BELOW	45	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL PULP	33	0	37	0	42	0	47	0	48	48
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	33	0	37	0	42	0	47	0	48	48
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	26	1	41	1	41	1	41	1	41	41
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	26	1	39	1	39	1	39	1	39	39
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	2	0	2	0	2	0	2	2
1.4	CHEMICAL PULP TOTAL	620	496	696	497	710	497	720	497	726	726
1.41	UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	223	174	258	175	265	175	270	175	273	273
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	19	0	47	0	47	0	47	0	47	47
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	204	174	211	175	218	175	223	175	226	226
1.44	BLEACHED SULPHATE-SODA PULP	397	322	438	322	445	322	450	322	453	453
1.441	BLEACHED NON-CONIFEROUS SULPHATE-SODA PULP	367	322	402	322	402	322	402	322	402	402
1.442	BLEACHED CONIFEROUS SULPHATE-SODA PULP	30	0	36	0	43	0	48	0	51	51
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	220	70	220	70	220	70	220	70	220	220
2.1	PULP OF STRAW	94	0	94	0	94	0	94	0	94	94
2.2	PULP OF BAGASSE	18	18	18	18	18	18	18	18	18	18
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	108	52	108	52	108	52	108	52	108	108
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
1983 1984 1985 1986 1987 1988											
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD			924	1020	1083	1106	1115	1115		
4.1	NEWSPRINT			15	19	20	25	28	28		
4.2	OTHER PRINTING AND WRITING PAPER			243	254	298	302	303	303		
4.21	COATED PRINTING AND WRITING PAPER			6	11	16	19	19	19		
	FROM 4.21 NOT DISAGGREGATED BELOW			0	3	6	9	9	9		
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0		
4.212	COATED WOODFREE PRINTING & WRITING PAPER			6	8	10	10	10	10		
4.22	UNCOATED PRINTING AND WRITING PAPER			237	243	282	283	284	284		
	FROM 4.22 NOT DISAGGREGATED BELOW			19	19	19	19	19	19		
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			14	14	14	14	14	14		
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			204	210	249	250	251	251		
4.3	OTHER PAPER AND PAPERBOARD			666	747	765	779	784	784		
4.31	HOUSEHOLD AND SANITARY PAPER			24	25	26	26	26	26		
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			608	686	703	716	721	721		
4.321	LINERBOARD			135	157	162	162	162	162		
4.3211	KRAFT LINER			81	101	104	104	104	104		
	FROM 4.3211 NOT DISAGGREGATED BELOW			0	0	2	2	2	2		
4.32111	UNBLEACHED KRAFT LINER			81	101	102	102	102	102		
4.32112	BLEACHED KRAFT LINER			0	0	0	0	0	0		
4.3212	OTHER LINERBOARD			54	56	58	58	58	58		
4.322	FLUTING MEDIUM			79	90	91	91	91	91		
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			26	32	33	33	33	33		
4.3222	OTHER FLUTING MEDIUM			53	58	58	58	58	58		
4.323	KRAFT WRAPPING AND PACKAGING			134	156	166	177	182	182		
4.3231	SACK KRAFT			70	85	88	91	94	94		
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			64	71	78	86	88	88		
4.324	FOLDING BOXBOARD			103	113	114	115	115	115		
	FROM 4.324 NOT DISAGGREGATED BELOW			24	24	24	24	24	24		
4.3241	PULP BASED FOLDING BOXBOARD			23	28	29	30	30	30		
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			2	5	5	5	5	5		
4.32412	OTHER PULP BASED FOLDING BOXBOARD			21	23	24	25	25	25		
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			56	61	61	61	61	61		
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			157	170	170	171	171	171		
	FROM 4.325 NOT DISAGGREGATED BELOW			66	67	67	67	67	67		
4.3251	OTHER WRAPPING PAPER			64	74	74	74	74	74		
4.3252	OTHER PACKAGING PAPERBOARD			27	29	29	30	30	30		
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			34	36	36	37	37	37		
	FROM 4.33 NOT DISAGGREGATED BELOW			2	3	3	4	4	4		
4.331	OTHER PAPER N.E.S.			0	0	0	0	0	0		
4.332	OTHER PAPERBOARD N.E.S.			32	33	33	33	33	33		

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1983-1988

LATIN AMERICA		1983		1984		1985		1986		1987	1988
PROCESS		TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL
		CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY
		1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	5800	2190	5927	2220	6360	2462	6665	2489	6976	7113
	FROM 1 NOT DISAGGREGATED BELOW	2	0	2	0	2	0	2	0	2	2
1.1	MECHANICAL PULP	660	69	672	70	742	74	813	74	847	847
	FROM 1.1 NOT DISAGGREGATED BELOW	79	0	79	0	109	0	169	0	199	199
1.11	MECHANICAL NON-CONIFEROUS PULP	125	5	125	5	123	5	121	5	121	121
1.12	MECHANICAL CONIFEROUS PULP	456	64	468	65	510	69	523	69	527	527
1.2	THERMO-MECHANICAL PULP	43	10	55	10	128	15	147	20	157	157
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	43	10	55	10	128	15	147	20	157	157
1.3	SEMI-CHEMICAL PULP	389	17	389	17	452	17	455	17	455	461
	FROM 1.3 NOT DISAGGREGATED BELOW	5	0	5	0	5	0	5	0	5	5
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	329	10	329	10	392	10	395	10	395	401
1.32	SEMI-CHEMICAL CONIFEROUS PULP	55	7	55	7	55	7	55	7	55	55
1.4	CHEMICAL PULP TOTAL	4706	2094	4809	2123	5036	2356	5248	2378	5515	5646
1.41	UNBLEACHED SULPHITE PULP	67	7	59	5	37	5	37	5	37	37
	FROM 1.41 NOT DISAGGREGATED BELOW	20	0	20	0	20	0	20	0	20	20
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	4	2	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	43	5	39	5	17	5	17	5	17	17
1.42	BLEACHED SULPHITE PULP	73	27	61	21	61	21	61	21	61	61
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	16	4	10	0	10	0	10	0	10	10
1.422	BLEACHED CONIFEROUS SULPHITE PULP	57	23	51	21	51	21	51	21	51	51
1.43	UNBLEACHED SULPHATE PULP	1515	312	1550	302	1722	434	1820	354	1899	1951
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	218	34	195	34	170	34	170	34	170	170
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	1297	278	1355	268	1552	400	1650	320	1729	1781
1.44	BLEACHED SULPHATE+SODA PULP	3051	1748	3139	1795	3216	1896	3330	1998	3518	3597
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2145	1267	2185	1300	2196	1336	2214	1345	2360	2426
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	906	481	954	495	1020	560	1116	653	1158	1171
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	1440	71	1568	71	1693	71	1712	71	1750	1765
2.1	PULP OF STRAW	7	0	7	0	5	0	5	0	5	5
2.2	PULP OF BAGASSE	1186	0	1277	0	1393	0	1407	0	1445	1460
2.3	PULP OF BAMBOO	84	0	102	0	108	0	110	0	110	110
2.4	PULP OF OTHER FIBRE	163	71	182	71	187	71	190	71	190	190
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	57	10	77	30	77	30	77	30	77	77
3.1	NON-CONIFEROUS DISSOLVING PULP	15	0	35	20	35	20	35	20	35	35
3.2	CONIFEROUS DISSOLVING PULP	42	10	42	10	42	10	42	10	42	42

		1983	1984	1985	1986	1987	1988
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	10240	10829	11524	12146	12509	12659
4.1	NEWSPRINT	820	920	1101	1233	1286	1297
4.2	OTHER PRINTING AND WRITING PAPER	2118	2255	2465	2557	2591	2601
	FROM 4.2 NOT DISAGGREGATED BELOW	577	652	684	684	684	684
4.21	COATED PRINTING AND WRITING PAPER	151	156	156	161	161	161
	FROM 4.21 NOT DISAGGREGATED BELOW	4	4	4	4	4	4
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	35	35	35	35	35	35
4.212	COATED WOODFREE PRINTING & WRITING PAPER	112	117	117	122	122	122
4.22	UNCOATED PRINTING AND WRITING PAPER	1390	1447	1625	1712	1746	1756
	FROM 4.22 NOT DISAGGREGATED BELOW	100	100	100	100	100	100
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	44	44	64	64	64	64
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1246	1303	1461	1548	1582	1592
4.3	OTHER PAPER AND PAPERBOARD	7302	7654	7958	8356	8632	8761
4.31	HOUSEHOLD AND SANITARY PAPER	1042	1111	1136	1231	1257	1258
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	5801	6077	6324	6618	6864	6992
4.321	LINERBOARD	1947	2031	2130	2266	2357	2420
	FROM 4.321 NOT DISAGGREGATED BELOW	1100	1105	1147	1216	1278	1302
4.3211	KRAFT LINER	526	574	616	677	704	743
	FROM 4.3211 NOT DISAGGREGATED BELOW	10	10	10	10	10	10
4.32111	UNBLEACHED KRAFT LINER	501	544	586	647	674	713
4.32112	BLEACHED KRAFT LINER	15	20	20	20	20	20
4.3212	OTHER LINERBOARD	321	352	367	373	375	375
4.322	FLUTING MEDIUM	886	936	971	993	997	997
	FROM 4.322 NOT DISAGGREGATED BELOW	85	85	85	85	85	85
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	175	186	201	216	218	220
4.3222	OTHER FLUTING MEDIUM	626	665	685	692	694	692
4.323	KRAFT WRAPPING AND PACKAGING	1434	1523	1590	1688	1819	1883
	FROM 4.323 NOT DISAGGREGATED BELOW	537	560	582	587	679	704
4.3231	SACK KRAFT	570	620	633	691	720	756
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	327	343	375	410	420	423
4.324	FOLDING BOXBOARD	1035	1086	1132	1170	1190	1191
	FROM 4.324 NOT DISAGGREGATED BELOW	316	348	370	400	417	417
4.3241	PULP BASED FOLDING BOXBOARD	192	192	198	200	201	202
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	50	50	50	50	50	50
4.32412	OTHER PULP BASED FOLDING BOXBOARD	142	142	148	150	151	152
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	527	546	564	570	572	572
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	499	501	501	501	501	501
	FROM 4.325 NOT DISAGGREGATED BELOW	34	34	34	34	34	34
4.3251	OTHER WRAPPING PAPER	385	387	387	387	387	387
4.3252	OTHER PACKAGING PAPERBOARD	80	80	80	80	80	80
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	459	466	498	507	511	511
	FROM 4.33 NOT DISAGGREGATED BELOW	5	5	5	5	5	5
4.331	OTHER PAPER N.E.S.	295	302	334	343	347	347
4.332	OTHER PAPERBOARD N.E.S.	159	159	159	159	159	159

EASTERN EUROPE		1983		1984		1985		1986		1987	1988
PROCESS		TOTAL OF	WHICH	TOTAL	TOTAL						
		CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	MARKET PULP	CAPA- CITY	CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	4354	657	4350	657	4349	657	4407	657	4446	4446
1.1	MECHANICAL PULP	949	9	950	9	972	9	972	9	972	972
	FROM 1.1 NOT DISAGGREGATED BELOW	470	7	470	7	470	7	470	7	470	470
1.11	MECHANICAL NON-CONIFEROUS PULP	20	0	21	0	24	0	24	0	24	24
1.12	MECHANICAL CONIFEROUS PULP	459	2	459	2	478	2	478	2	478	478
1.2	THERMO-MECHANICAL PULP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	416	50	414	50	420	50	441	50	475	475
	FROM 1.3 NOT DISAGGREGATED BELOW	5	0	5	0	5	0	5	0	5	5
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	411	50	409	50	415	50	436	50	470	470
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	2989	598	2986	598	2957	598	2994	598	2999	2999
	FROM 1.4 NOT DISAGGREGATED BELOW	580	37	580	37	580	37	580	37	580	580
1.41	UNBLEACHED SULPHITE PULP	236	50	234	50	236	50	236	50	236	236
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	8	0	5	0	8	0	8	0	8	8
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	228	50	229	50	228	50	228	50	228	228
1.42	BLEACHED SULPHITE PULP	391	227	390	227	390	227	396	227	396	396
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	57	52	56	52	56	52	56	52	56	56
1.422	BLEACHED CONIFEROUS SULPHITE PULP	334	175	334	175	334	175	340	175	340	340
1.43	UNBLEACHED SULPHATE PULP	1033	50	1033	50	1002	50	1033	50	1038	1038
	FROM 1.43 NOT DISAGGREGATED BELOW	160	50	160	50	160	50	160	50	160	160
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	93	0	93	0	93	0	93	0	93	93
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	780	0	780	0	749	0	780	0	785	785
1.44	BLEACHED SULPHATE+SODA PULP	749	234	749	234	749	234	749	234	749	749
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	283	74	283	74	283	74	283	74	283	283
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	466	160	466	160	466	160	466	160	466	466
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	251	17	245	17	240	17	270	17	270	270
2.1	PULP OF STRAW	107	16	97	16	92	16	122	16	122	122
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	144	1	148	1	148	1	148	1	148	148
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	532	202	519	202	519	202	519	202	519	519
	FROM 3 NOT DISAGGREGATED BELOW	220	0	220	0	220	0	220	0	220	220
3.1	NON-CONIFEROUS DISSOLVING PULP	293	190	293	190	293	190	293	190	293	293
3.2	CONIFEROUS DISSOLVING PULP	19	12	6	12	6	12	6	12	6	6

		1983	1984	1985	1986	1987	1988
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	6436	6504	6606	6681	6741	6874
4.1	NEWSPRINT	468	468	468	468	475	475
4.2	OTHER PRINTING AND WRITING PAPER	1239	1266	1368	1445	1462	1466
	FROM 4.2 NOT DISAGGREGATED BELOW	558	568	644	710	720	720
4.21	COATED PRINTING AND WRITING PAPER	74	74	82	86	87	87
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	46	46	46	46	46	46
4.212	COATED WOODFREE PRINTING & WRITING PAPER	28	28	36	40	41	41
4.22	UNCOATED PRINTING AND WRITING PAPER	607	624	642	649	655	659
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	210	215	208	208	208	208
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	397	409	434	441	447	451
4.3	OTHER PAPER AND PAPERBOARD	4729	4770	4770	4768	4804	4933
	FROM 4.3 NOT DISAGGREGATED BELOW	1057	1057	1055	1050	1085	1171
4.31	HOUSEHOLD AND SANITARY PAPER	141	141	139	139	139	139
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	3252	3293	3292	3292	3292	3335
	FROM 4.32 NOT DISAGGREGATED BELOW	1110	1130	1130	1130	1130	1130
4.321	LINERBOARD	274	274	273	273	273	313
4.3211	KRAFT LINER	100	100	100	100	100	100
4.32111	UNBLEACHED KRAFT LINER	100	100	100	100	100	100
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	174	174	173	173	173	213
4.322	FLUTING MEDIUM	621	621	620	620	620	620
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	325	325	325	325	325	325
4.3222	OTHER FLUTING MEDIUM	296	296	295	295	295	295
4.323	KRAFT WRAPPING AND PACKAGING	426	426	425	425	425	399
4.3231	SACK KRAFT	327	327	326	326	326	300
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	99	99	99	99	99	99
4.324	FOLDING BOXBOARD	230	230	230	230	230	236
4.3241	PULP BASED FOLDING BOXBOARD	134	134	134	134	134	140
	FROM 4.3241 NOT DISAGGREGATED BELOW	27	27	27	27	27	27
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	37	37	37	37	37	37
4.32412	OTHER PULP BASED FOLDING BOXBOARD	70	70	70	70	70	76
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	96	96	96	96	96	96
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	591	612	614	614	614	637
4.3251	OTHER WRAPPING PAPER	248	246	248	248	248	248
4.3252	OTHER PACKAGING PAPERBOARD	343	366	366	366	366	389
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	279	279	284	287	288	288
4.331	OTHER PAPER N.E.S.	114	114	119	122	123	123
4.332	OTHER PAPERBOARD N.E.S.	165	165	165	165	165	165

WORLD SURVEYS OF PULP AND PAPER CAPACITY
AND PRODUCTION DEFINITIONS

DEFINITION OF CAPACITY

Practical Maximum Capacity, as defined for the survey, is the tonnage of paper, paperboard or pulp of normal commercial quality that could be produced per year with full use of equipment and adequate supplies of raw materials and labour, and assuming full demand. No allowance is made for losses due to unscheduled shut downs, 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.

Changes in Capacity

- i) Increases in capacity for years 1, 2 and 3 of the survey should include committed plans for new machines, i.e. those underway, where ground has been broken, machinery ordered, financing obtained, etc., as well as increases to existing machines. For years 4 and 5, include pulp and paper expansions which are under active consideration or seem likely to come on stream.
- ii) Changes in capacity should be included only for the portion of the year in which they are actually effective.

a) Additions to capacity

For new mills and machines, data should reflect the fact that full capacity is only reached after a certain period of operation. For the first 12 months of operation, assume 70% of capacity, the next 12 months 90% and thereafter 100%.

b) Reductions in capacity

Capacity of machinery which has been closed down mainly for economic reasons, with no intention of resuming production, should be excluded.

DEFINITIONS OF PULP

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 associated companies within the country. All pulp moving outside the producing country is considered to be MARKET PULP.

1. Wood Pulp for making Paper and Paperboard

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
1.1	Mechanical and chemi-mechanical	Wood pulp obtained by grinding or milling into their fibres, coniferous or non-coniferous rounds, quarters, billets, etc. or through refining coniferous or non-coniferous chips. Also called stone groundwood pulp and refiner pulp. The billets or chips can be pretreated with a suitable chemical to produce chemi-mechanical pulp. For this pulp, the ratio of the weight of the pulp produced to the weight of wood used is often very high. The pulp may be unbleached or bleached. <u>Exclude</u> Thermo mechanical pulp defibrated, exploded and groundwood pulp for fibre (building) board
1.11	of which: non-coniferous	Mechanical pulp obtained from non-coniferous rounds, quarters, billets, chips, etc.
1.2	Thermo mechanical	Pulp produced by a mechanical process in which wood particles are softened by pre-heating under pressure prior to a pressurized refining stage.
1.21	of which: non-coniferous	Thermo mechanical pulp obtained from non-coniferous wood.
1.3	Semi-chemical	Wood pulp obtained by mechanically reducing coniferous or non-coniferous wood to small pieces, which are cooked in a pressure vessel with a suitable chemical, but not sufficiently for the fibres to separate readily, followed by mechanical treatment. The ratio of the weight of the pulp produced to the weight of wood used is often very high. It may be unbleached or bleached.
1.31	of which: non-coniferous	Chemi-mechanical and semi-chemical pulp obtained from non-coniferous wood.
	Sulphite pulp	Woodpulp, including rejects, obtained by mechanically reducing coniferous or non-coniferous wood to chips which are subsequently cooked in a pressure vessel in the presence of a bisulphite cooking liquor. Bisulphites such as ammonium, calcium, magnesium and sodium, are commonly used. <u>Exclude</u> dissolving grades having very high alpha cellulose content (usually 90% or more). These should be included in codes 3 and 3.1.
1.41	Unbleached sulphite	Sulphite pulp which has not been bleached.
1.41.1	of which: non-coniferous	Unbleached sulphite pulp obtained from non-coniferous wood.
1.42	Bleached and semi-bleached sulphite	Sulphite pulp which has been bleached or partly bleached.
1.42.1	of which: non-coniferous	Bleached and semi-bleached sulphite pulp obtained from non-coniferous wood.

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
	Sulphate and soda pulp	Woodpulp, including rejects, obtained by mechanically reducing coniferous or non-coniferous wood to chips which are subsequently cooked in a pressure vessel in the presence of sodium hydroxide cooking liquor (soda pulp) or a mixture of sodium hydroxide and sodium sulphide cooking liquor (sulphate pulp).
		<u>Exclude</u> dissolving grades having very high alpha cellulose content (usually 90% or more). These should be included in codes 3 and 3.1.
1.43	Unbleached sulphate and soda	Sulphate and soda pulp which has not been bleached.
1.43.1	of which: non-coniferous	Unbleached sulphate and soda pulp obtained from non-coniferous wood.
1.44	Bleached and semi-bleached sulphate and soda	Sulphate and soda pulp which has been bleached or partly bleached.
1.44.1	of which: non-coniferous	Bleached sulphate and soda pulp obtained from non-coniferous wood.
<u>2. Other Fibre Pulp for making Paper and Paperboard</u>		
2.1	Straw	Pulp obtained from straw by any method. It may be bleached.
2.2	Bagasse	Pulp obtained from residue from processing sugar cane by any method. It may be bleached.
2.3	Bamboo	Pulp obtained from bamboo by any method. It may be bleached.
2.4	Other (reeds, esparto, rags, etc.)	Includes pulp obtained by any method from such material as esparto and other reeds or grass, cotton linters, flax, hemp, rags, other textile wastes. It may be bleached.
		<u>Exclude</u> dissolving grades. These should be included in code 3. Pulp made from waste paper.
<u>3. Dissolving Pulp (Wood and other fibrous raw materials)</u>		
3.	Dissolving pulp (Wood and other fibrous raw materials)	Highly bleached chemical pulp (sulphate, soda or sulphite) from coniferous or non-coniferous wood, rags, cotton linters, etc., of special quality, with a very high alpha cellulose content (usually 90% and over) readily adaptable for uses other than papermaking.
		They are used principally as a source of cellulose in the manufacture of products such as man-made fibres, cellulosic plastic materials, lacquers, explosives, etc.
3.1	of which: non-coniferous	Dissolving pulp made from non-coniferous wood.

DEFINITIONS OF PAPER AND PAPERBOARD

The products included under this heading are in rolls, strips or sheets. The rolls and strips exceed 15 cm in width and the sheets have no side less than 36 cm.

Exclude paper and paperboard cut to any shape other than rectangular.

4. Paper and Paperboard

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
4.1	Newsprint	Uncoated paper, unsized (or only slightly sized), containing at least 65% mechanical or thermo mechanical wood pulp (percent of fibrous content), of the type used mainly for the printing of newspapers, usually weighing not less than 40 g/m ² and generally not more than 57 g/m ² . <u>Include</u> rotonews
4.2	Other printing and writing paper	Paper, except newsprint, suitable for printing, writing or other graphic purposes, made from a variety of pulp blends and with various finishes. It may be uncoated and have been subjected to sizing, calendering, supercalendering, glazing, water-marking or similar simple finishing processes, or it may be coated on one or both sides with coating material such as barium sulphate, clay (beneficiated kaolin), gypsum or zinc oxide, often supplemented with supercalendering, etc. <u>Include</u> such papers as: bank note bible or imitation bible book and magazine box lining and covering bristols calculator papers computer paper duplicating envelope stock folder stock label lithograph manifold offset onionskin photographic base paper poster stationery tablet or block tabulating card stock typewriter
4.21	of which: Coated	Printing and writing papers, except newsprint, which have been coated on one or both sides with coating materials such as clay (beneficiated kaolin), barium sulphate, gypsum or zinc oxide, often supplemented with supercalendering, etc. <u>Include</u> coated paper produced at the paper mill from base paper manufacturers for own use or purchased, together with all paper made and coated in a single operation on the papermaking machine.
4.21.1	of which: Wood containing	Coated printing and writing papers, containing 10% or more mechanical wood pulp.
4.21.2	Woodfree	Coated printing and writing papers, containing less than 10% mechanical wood pulp.

4.22	Uncoated	Printing and writing papers, except newsprint, which have been subjected to sizing, calendering, supercalendering, glazing, water marking or similar simple finishing processes, but not to coating.
		<u>Exclude</u> coating base paper for own use or for sale to other paper mills.
4.22.1	of which: Wood containing	Uncoated printing and writing papers, except newsprint, containing 10% or more mechanical woodpulp.
4.22.2	Woodfree	Uncoated printing and writing papers, except newsprint, containing less than 10% mechanical woodpulp.
4.31	Household and sanitary paper	Absorbent paper, creped or uncreped, sometimes embossed, made from bleached or unbleached pulps, waste paper or combination of these. This type of paper should be sufficiently strong to avoid disintegration or tearing in use. Other important characteristics are high absorptive capacity, retention of absorbed fluids, softness, freedom from lint and unpleasant odours. It is made in white and a variety of colours and in single, double or more plies.
		<u>Include</u> types of creped and uncreped papers such as: disposable tissues facial tissue napkin sanitary wadding toilet tissue towelling wiper stock
4.32	Wrapping and packaging paper and paperboard	Paper and paperboard designed for wrapping and packaging purposes made from pulps, waste paper and any combination of these.
4.32.1	Linerboard	Paperboard made either from sulphate pulp (unbleached or bleached) or principally from waste paper used as facing material on corrugated or solid paper or paperboard boxes and containers.
4.32.11	Kraft liner	Linerboard made wholly or principally of bleached or unbleached sulphate pulp.
4.32.11.1	Unbleached	Kraft liner made wholly or principally of unbleached sulphate pulp.
		<u>Include</u> mottled kraft liner
4.32.11.2	Bleached	Kraft liner made wholly or principally of bleached sulphate pulp.
		<u>Include</u> white lined Kraft liner
4.32.12	Other linerboard	Linerboard other than Kraft liner.
4.32.2	Fluting medium	Paper or paperboard used mainly as a corrugating medium in the production of corrugated board. It may be produced wholly or principally from semi-chemical wood pulp or from other materials.
4.32.21	Semi-chemical	Fluting medium made wholly or principally of semi-chemical woodpulp.
4.32.22	Other fluting medium	Fluting medium other than semi-chemical.
4.32.3	Kraft wrapping and packaging paper	All other papers made wholly or principally from bleached and unbleached sulphate pulp used in the manufacture of single or multi-wall sacks or for other wrapping and packaging purposes.

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
4.32.31	Sack kraft	Bleached and unbleached kraft wrapping and packaging paper used in the manufacture of single or multi-wall sacks.
4.32.32	Other kraft wrapping and packaging paper	Bleached and unbleached kraft wrapping and packaging papers, other than sack kraft.
4.32.4	Folding boxboard	<p>Paperboard with good stiffness, scoring and folding characteristics. These paperboards are made from pulp, waste paper or any combination of these. They may be plain or coloured throughout the mass, solid, single or multi-ply, coated or uncoated. They include folding, milk carton and food service boxboard.</p> <p><u>Include</u> such folding boxboard as:</p> <p style="padding-left: 40px;">white or coloured lined duplex and triplex solid bleached board chipboard (plain or coloured) folding unbleached kraft board</p> <p><u>Exclude</u> non-folding board for shipping cases, which is included in code 4.32.52</p>
4.32.41	Pulp based	These folding boxboards are made wholly from chemical pulp or from a combination of chemical and mechanical and/or thermo mechanical pulps.
4.32.41.1	Bleached chemical pulp based	These folding boxboards may be either single-ply boards of bleached chemical pulp or multi-ply boards with bleached chemical pulp on both sides.
4.32.41.2	Other pulp based	<p>These folding boxboards are either single-ply, made from an unbleached pulp furnish, or multiply, made from a combination of chemical and mechanical and/or thermo mechanical pulps.</p> <p><u>Exclude</u> multi-ply boards with bleached chemical pulp on both sides which are included in code 4.32.41.1</p>
4.32.42	Waste paper based	Folding boxboard manufactured from waste paper or a combination of waste paper and pulp.
4.32.5	Other wrapping and packaging paper and paperboard	Paper and paperboard designed for wrapping and packaging purposes, not included elsewhere.
4.32.51	Other wrapping paper	<p>Papers such as:</p> <p>i) vegetable parchment, greaseproof and glassine Papers made from chemical pulps or from mixtures of chemical woodpulp, cotton fibre pulp treated (e.g. highly hydrated or hard beaten) to render the resulting paper resistant to oil, grease and water. The papers are used primarily for packaging of frozen, moist or greasy materials like butter, margarine, meat or fish, as pan liners, release paper, sterilising bags, parchmentising stock and imitations of parchment.</p> <p><u>Exclude</u> papers that have been rendered greaseproof or waterproof by coating, impregnating or similar processes after manufacture of the paper.</p> <p>ii) Wrapping and packaging papers not included under i) or under code 4.32.32.</p>

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
4.32.52	Other packaging Paperboard	<p>Packaging paperboard not included under codes 4.32.11, 4.32.12, 4.32.41 and 4.32.42.</p> <p><u>Include</u> straw paperboard non-folding board for shipping cases, set up boxes, etc. board used in the manufacture of cores, tubes, cans and drums.</p> <p><u>Exclude</u> corrugated board which is considered as converted paperboard straw paper and paperboard used for corrugated boxes (which is included in 4.32.12 and 4.32.22).</p>
4.33	Other paper and paperboard, not elsewhere specified	<p>Paper and paperboard not used for packaging purposes manufactured principally from furnishes other than sulphate pulp and not included elsewhere</p>
4.33.1	Paper	<p>Papers such as:</p> <p>i) Special thin paper</p> <p>These papers are made for special purposes, their common characteristics being their relative thinness. The papers included may be made from mechanical or chemical pulps, bleached or unbleached. The principal characteristics of some of these papers are uniformity of surface and caliper, freedom from pinholes, strength, close formation, opacity, low permeability and chemical purity, all related to special uses.</p> <p><u>Include</u> such special thin papers as:</p> <p>carbonising tissue condenser and capacitor paper electrical paper and tissue cigarette paper lens tissue stencil tissue pattern tissue tea bag paper</p> <p><u>Exclude</u> thin printing and writing papers such as:</p> <p>bible and imitation bible manifold onionskin airmail stationery stock</p> <p>ii) kraft paper used for waxing, asphaltting, water-proofing, laminating, impregnating, spinning or twisting, gumming, etc.</p> <p><u>Exclude</u> folding kraft board which is included in code 4.32.41.1</p> <p>iii) all other grades of paper not included under earlier headings</p> <p><u>Include</u> cable paper blotting paper filter paper rope and jute paper wallpaper base stock</p>

<u>Survey Code</u>	<u>Grade</u>	<u>Definition</u>
4.33.2	Paperboard	<p>Paperboards not included elsewhere, such as:</p> <p>i) construction paper and paperboard</p> <p>Papers, paper felts and paperboards used in the construction of buildings and other structures for insulation, vapour seal, roofing and flooring underlay, etc. They are made from fully refined material such as woodpulp, waste paper, other vegetable pulp and mineral fibre. Low thermal conductivity, moisture resistance, fire resistance, permanency, insect and vermin resistance are desirable characteristics of these materials.</p> <p><u>Exclude</u> a) papers, paper felts or boards impregnated, saturated, laminated or further manufactured in any way (i.e. converted).</p> <p>b) fibreboard (fibre building board) in the form of insulating board, medium hardboard and hardboard.</p> <p>ii) All other grades of paperboard not included under earlier headings</p> <p><u>Include</u> beer mat board gasket board index pressboard matrix board panel board (automotive) press textile board shoe board transformer board trunk and suitcase board</p>

DEFINITIONS

DEFINITION DE CAPACITE

Aux fins de l'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, au 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).

Changements de Capacité

i) Augmentations de capacité pour les années 1, 2 et 3 de l'enquête doivent inclure projets définitifs pour l'installation de nouvelles machines, c'est-à-dire, des projets qui sont déjà en cours, dont les fondations ont été jetées, pour lesquels l'équipement a été commandé, ou pour lesquels les fonds ont été assurés etc. Inclure aussi les augmentations des machines existantes. Pour les années 4 et 5, à inclure des expansions de pâte et papier qui sont objets de considération active ou dont l'entrée en fonction est probable.

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

a) Additions

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. Pour les premiers 12 mois de marche, on comptera 70% de la capacité, pour les 12 mois suivants 90% et ensuite 100%.

b) Réductions

Ne 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.

DEFINITIONS DES PATES

La pâte marchande comprend la pâte destinée à être mise en vente sur le marché et ne comprend pas la pâte utilisée directement dans une usine intégrée ou destinée à des sociétés filiales ou associées à l'intérieur du pays. Toute pâte exportée en dehors du pays est considérée comme marchande.

1. Pâtes de bois pour la fabrication des papiers et cartons

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
1.1	Mécaniques et chimico-mécaniques	Pâtes obtenues par le broyage ou le râpage (défibrage) de bois de conifères ou de non-conifères en rondins, morceaux, billes, etc. ou par le raffinage de copeaux de bois de conifères et de non-conifères. Elles sont appelées également "pâtes de bois de râperie" et "pâte mécanique de copeaux". Les billes ou les plaquettes peuvent être prétraitées par un produit chimique approprié pour la fabrication de pâte chimico-mécanique. Pour ce type de pâte, le rapport entre le poids de la pâte produite et celui du bois utilisé est souvent très élevé. Ces pâtes peuvent être écruées ou blanchies.
		<u>Cette rubrique ne comprend pas</u> la pâte thermo-mécanique les pâtes éclatées et défibrées entrant dans la fabrication des panneaux de fibres
1.11	dont: de bois de non-conifères	Pâtes mécaniques obtenues de bois de non-conifères
1.2	Thermo-mécaniques	Pâtes obtenues par un procédé mécanique dans lequel les particules sont amollies par un pré-chauffage sous pression avant le stade du raffinage sous pression.
1.21	dont: de bois de non-conifères	Pâtes thermo-mécaniques obtenues de bois non-conifères.
1.3	Mi-chimiques	Pâtes de bois obtenues en réduisant mécaniquement des bois de conifères ou de non-conifères en petits fragments, que l'on fait cuire sous pression dans une lessive de cuisson contenant un produit chimique approprié, mais pas suffisamment pour que les fibres se séparent aisément, et qui subissent ensuite un traitement mécanique. Le rapport entre le poids de la pâte produite et celui du bois utilisé est souvent très élevé. Elles peuvent être écruées ou blanchies.
1.31	dont: de bois de non-conifères au Bisulfite	Pâtes chimico-mécaniques et mi-chimiques obtenues de bois de non-conifères. Pâtes (et déchets de pâtes) obtenues en réduisant mécaniquement des bois de conifères ou de non-conifères en copeaux et en les cuisant ensuite sous pression avec une lessive de cuisson au bisulfite. Les bisulfites les plus communément utilisés sont ceux d'ammonium, de calcium, de magnésium et de sodium.
		<u>Cette rubrique ne comprend pas</u> les pâtes à dissoudre qui ont une très forte teneur en alpha-cellulose (en général 90% ou plus). Elles sont classées sous les rubriques 3 et 3.1.
1.41	au Bisulfite écruées	Pâtes au bisulfite qui ne sont pas blanchies.
1.41.1	dont: de bois de non-conifères	Pâtes au bisulfite écruées obtenues de bois de non-conifères.

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
1.42	au Bisulfite blanchies et mi-blanchies	Pâtes au bisulfite qui sont blanchies ou mi-blanchies.
1.42.1	dont: de bois de non-conifères au Sulfate et à la soude	Pâtes au bisulfite blanchies ou mi-blanchies obtenues de bois de non-conifères. Pâtes (et déchets de pâtes) obtenues en réduisant mécaniquement des bois de conifères ou de non-conifères en copeaux et en les cuisant ensuite sous pression avec une lessive de cuisson à base de soude caustique (pour les pâtes à la soude) ou d'un mélange de soude caustique et de sulfate de sodium (pour les pâtes au sulfate).
<u>Cette rubrique ne comprend pas</u>		
les pâtes à dissoudre qui ont une très forte teneur en alpha-cellulose (en général 90% ou plus). Elles sont classées sous les rubriques e et 3.1.		
1.43	au Sulfate et à la soude écrués	Pâtes au sulfate et à la soude qui ne sont pas blanchies.
1.43.1	dont: de bois de non-conifères	Pâtes au sulfate et à la soude écrués obtenues de bois de non-conifères.
1.44	au Sulfate et à la soude blanchies ou mi-blanchies	Pâtes au sulfate et à la soude qui sont blanchies ou mi-blanchies.
1.44.1	dont: de bois de non-conifères	Pâtes au sulfate et à la soude blanchies ou mi-blanchies obtenues de bois de non-conifères.
<u>2. Pâtes de matériaux végétaux fibreux autres que le bois pour la fabrication des papiers et cartons</u>		
2.1	de Paille	Pâtes obtenues à partir de paille par n'importe quel procédé. Ces pâtes peuvent être blanchies.
2.1	de Bagasse	Pâtes obtenues à partir de résidus du traitement de la canne à sucre, par n'importe quel procédé. Ces pâtes peuvent être blanchies.
2.3	de Bambou	Pâtes obtenues à partir de bambou par n'importe quel procédé. Ces pâtes peuvent être blanchies.
2.4	Autres (roseaux, alfa, chiffons, etc.)	Pâtes obtenues par n'importe quel procédé à partir des matériaux tels que l'alfa, les roseaux et diverses autres matériaux herbacées, des linters de coton, le lin, le chanvre, les chiffons et autres déchets textiles. Ces pâtes peuvent être blanchies.
<u>Cette rubrique ne comprend pas</u>		
les pâtes à dissoudre. Elles sont classées sous la rubrique 3. Les pâtes obtenues de vieux papiers.		
<u>3. Pâtes à dissoudre (de bois et d'autre matériaux végétaux)</u>		
3.	à Dissoudre (de bois et d'autres matériaux végétaux)	Pâtes chimiques hautement blanchies (au sulfate, à la soude ou au bisulfite) de bois de conifères ou de non-conifères, de chiffons, de linters de coton, etc., de qualité spéciale, ayant une très forte teneur en alpha-cellulose (en général 90% ou plus) et se prêtant à des utilisations autres que la fabrication du papier. Elles sont principalement utilisées comme matière première cellulosique dans la fabrication de produits tels que les fibres artificielles, les matières plastiques cellulosiques, les laques, les explosifs, etc.
3.1	dont: de bois de non-conifères	Pâtes à dissoudre obtenues de bois de non-conifères

DEFINITIONS DES PAPIERS ET CARTONS

Dans ce groupe entrent les matériaux en feuilles, bandes ou rouleaux; les bandes ou rouleaux ont une largeur de plus de 15 cm et les feuilles ont plus de 36 cm de côté.

Ne pas déclarer les papiers et cartons de forme autre que rectangulaire.

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
4.1	Papier journal	<p>Papier non couché, non collé ou très légèrement, contenant au moins 65% de pâte de bois mécanique ou thermo-mécanique (pourcentage en matière fibreuse), utilisé principalement pour l'impression des journaux, dont le grammage n'est généralement ni inférieur à 40 g/m² ni supérieur à 57 g/m².</p> <p><u>Cette rubrique comprend</u></p> <p>papier pour impressions sur rotative</p>
4.2	Autres papiers d'impression et d'écriture	<p>Papiers autres que le papier journal, utilisés pour l'impression, l'écriture ou d'autres usages graphiques, faits avec divers mélanges de pâtes et soumis à divers procédés de finissage. Ces papiers peuvent être non couchés et collés, calandrés, super-calandrés, glacé ou filigranés ou soumis à des procédés similaires simples de finissages, ou peuvent être couchés sur une face ou deux faces au moyen de produits tels que sulfate de baryum, kaolin, gypse ou oxyde de zinc et souvent super-calandrés, etc.</p> <p><u>Cette rubrique comprend</u></p> <p>les papiers tels que:</p> <ul style="list-style-type: none">papier pour billets de banquepapier bible véritable ou imitationpapier pour livres et revuespapier pour garnissage et habillage de boîtes bristolpapier pour machines à additionnerpapier pour ordinateurspapier pour reproduction au duplicateurpapier pour chemisespapier pour enveloppespapier pour étiquettespapier pour lithographiepapier pour manifoldspapier pour offsetpapier pelure surglacépapier pour photographiepapier pour affichespapier à lettrepapier pour bloc-notespapier pour cartes mécanographiquespapier machine
4.21	dont: Couchés	<p>Papiers d'impression et d'écriture, autres que le papier journal, couchés sur une face ou deux faces au moyen de produits tels que kaolin, sulfate de baryum, gypse ou oxyde de zinc et souvent super-calandrés, etc.</p> <p><u>Cette rubrique comprend</u></p> <p>les papiers couchés fabriqués dans l'usine à papier à partir d'un support soit fabriqué dans la même usine, soit acheté, et toutes sortes de papiers couchés sur la machine à papier.</p>

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
4.21.1	dont: avec bois	Papiers couchés d'impression et d'écriture contenant au moins 10% de pâte de bois mécanique.
4.21.2	dont: sans bois	Papiers couchés d'impression et d'écriture contenant moins de 10% de pâte de bois mécanique.
4.22	Non couchés	Papiers d'impression et d'écriture, autres que le papier journal, qui ont pu être collés, calandrés, super-calandrés, glacés ou filigranés ou soumis à des procédés similaires simples de finissage, mais non couchés. <u>Cette rubrique ne comprend pas</u> les supports pour papiers couchés, qu'ils soient utilisés sur place ou vendus en l'état à d'autres usines.
4.22.1	dont: avec bois	Papiers non couchés d'impression et d'écriture, autres que le papier journal, contenant au moins 10% de pâte de bois mécanique.
4.22.2	dont: sans bois	Papiers non couchés d'impression et d'écriture, autres que le papier journal, contenant moins de 10% de pâte de bois mécanique.
4.31	Papiers à usage domestiques et hygiénique	Papier absorbant, crêpé ou non, parfois gaufré, fait avec des pâtes blanchies ou écruées, ou des pâtes de vieux papiers ou avec un mélange de ces types de pâtes. Ce papier doit avoir une force suffisante pour résister à l'usage sans désagrégation ou déchirure. Ses autres caractéristiques importantes sont la capacité d'absorption, la possibilité de retenir des liquides, la douceur au toucher, l'absence de charpie et d'odeur désagréable. Il est fait en blanc et en diverses teintes, en une, deux ou plusieurs couches. <u>Cette rubrique comprend</u> les papiers, crêpés ou non, tels que: papier-serviette (essuie-mains etc.) papier pour serviettes hygiéniques papier à demaquiller papier hygiénique ouates de cellulose articles en papier à jeter papier d'essuyage
4.32	Papier et cartons d'emballage et d'emballage	Papiers et cartons destinés à l'emballage et l'emballage, fabriqués à partir de pâtes, de vieux papiers ou de n'importe quel combinaison de ces deux types de matières.
4.32.1	Carton de couverture	Carton fabriqué à partir de pâte au sulfate (blanchie ou non) ou essentiellement à partir de vieux papiers, employé pour couvrir des cartons ondulés ou des papiers ou carton compacts utilisés pour faire des boîtes ou récipients.
4.32.11	Couverture kraft pour carton ondulé	Cartons de couverture faits uniquement ou principalement de pâte au sulfate, blanchie ou écruée.
4.32.11.1	Ecruée	Couverture kraft pour carton ondulé faite uniquement ou principalement de pâte au sulfate écruée. <u>Cette rubrique comprend</u> les papiers de couverture kraft marbrés

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
4.32.11.2	Blanchie	Couverture kraft pour carton ondulé faite uniquement ou principalement de pâte au sulfate blanchie. <u>Cette rubrique comprend</u> les papiers de couverture kraft doublés de blanc
4.32.12	Autres cartons de couverture	Cartons de couverture autres que les cartons de couverture kraft.
4.32.2	Cannelures	Papiers et cartons utilisés essentiellement pour faire l'âme cannelée des cartons ondulés. Ils peuvent être faits uniquement ou principalement avec de la pâte mi-chimique ou avec d'autres matériaux.
4.32.21	Mi-chimique	Cannelures faites uniquement ou principalement de pâte de bois mi-chimique.
4.32.22	Autres cannelures	Cannelures ne contenant pas de pâte mi-chimique.
4.32.3	Papier kraft d'emballage et d'emballage	Tous les autres papiers faits uniquement ou principalement avec de la pâte au sulfate, blanchie ou utilisés sous forme de sacs d'emballage à une ou plusieurs épaisseurs ou sous d'autres formes pour l'emballage et l'emballage.
4.32.31	Papier kraft pour grands sacs	Papiers kraft d'emballage et d'emballage blanchis et écrus utilisés dans la fabrication des sacs d'emballage à une ou plusieurs épaisseurs.
4.32.32	Autres papiers kraft d'emballage et d'emballage	Papiers kraft d'emballage et d'emballage blanchis et écrus autres que les papiers pour grands sacs.
4.32.4	Cartons pour boîtes pliantes	Cartons résistants possédant de bonne caractéristiques de rainage et de pliage. Ils sont faits avec des pâtes de bois, des vieux papiers ou un mélange des deux. Ils peuvent être à l'état naturel ou colorés dans la masse, compacts, doublés une ou deux faces, couchés ou non couchés. Les cartons de ce groupe comprennent les cartons pour boîtes pliantes, les cartons à lait et les cartons pour boîtes destinées aux produits alimentaires. <u>Cette rubrique comprend</u> des cartons pour boîtes pliantes tels que: carton duplex ou triplex blanc ou coloré doublé cartons compacts blanchis cartons gris à l'état naturel ou colorés cartons écru kraft pliables, pas blanchis <u>Cette rubrique ne comprend pas</u> le carton kraft pour boîtes d'emballage. Il est classé sous la rubrique 4.32.52.
4.32.41	A base de pâte	Ces cartons pour boîtes pliantes sont faits entièrement de pâte chimique pure ou d'un mélange de pâte chimique et de pâte mécanique et/ou thermo-mécanique.
4.32.41.1	A base de pâte chimique blanchie	Ces cartons pour boîtes pliantes peuvent être des cartons compacts de pâte chimique blanchie ou des cartons doublés à deux faces avec de la pâte chimique blanchie.

<u>No. Code enquête</u>	<u>Produit</u>	<u>Définition</u>
4.32.41.2	A base d'autres pâtes	<p>Ces cartons pour boîtes pliantes sont compacts ou doublés deux faces et sont faits soit d'une fourniture homogène de pâte écrue, soit d'un mélange de pâte chimique et de pâte mécanique et/ou thermo-mécanique.</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>les cartons doublés sur les deux faces avec de la pâte chimique blanchie, qui sont compris dans la rubrique 4.32.41.1</p>
4.32.42	A base de vieux papiers	<p>Cartons pour boîtes pliantes, obtenus de vieux papiers ou d'un mélange de vieux papiers et de pâte.</p>
4.32.5	Autres papiers et cartons d'emballage et d'emballage	<p>Papiers et cartons destinés à l'emballage et l'emballage, non désignés ailleurs.</p>
4.32.51	Autres papiers d'emballage	<p>Papiers tels que:</p> <p>i) papier sulfurisé, simili-sulfuré et papier cristal.</p> <p>Papiers faits avec des pâtes de bois chimiques pures ou mélangées ou de pâtes de fibres de coton, traitées (c'est-à-dire fortement hydratées ou soumises à un raffinage poussé) pour que le papier obtenu soit résistant à l'huile, à la graisse et à l'eau. Ces papiers sont utilisés principalement pour l'emballage de produits alimentaires congelés, humides ou gras (beurre, margarine, viande, poisson, etc.) comme moules à pâtisserie, anti-adhésifs, sachets de stérilisation, parchemins ou imitations de parchemin.</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>les papiers qui, après fabrication, ont été rendus ingraissables ou imperméables par couchage, imprégnation ou autres procédés similaires</p> <p>ii) papiers d'emballage et d'emballage ne figurant dans la rubrique i) ci-dessus ni sous la code 4.32.32.</p>
4.32.52	Autres cartons d'emballage	<p>Cartons d'emballage ne figurant pas dans les rubriques 4.32.11, 4.32.12, 4.32.41 et 4.32.42.</p> <p><u>Cette rubrique comprend</u></p> <p>des cartons tels que:</p> <p>carton paille carton no pliable pour boîte d'emballage, caisses rigides, etc. carton destiné à la fabrication de mandrins, tubes et boîtes cylindriques, etc.</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>le carton ondulé qui est considéré comme un carton travaillé les papiers et carton paille utilisés pour les boîtes en carton ondulé (qui figurent sous 4.32.12 et 4.32.22 ci-dessus).</p>
4.33	Autres papiers et cartons, non décrits ailleurs	<p>Papiers et cartons non destinés à l'emballage et faits principalement avec des matières premières autres que la pâte au sulfate et non décrits ailleurs.</p>

<u>No. Code</u> <u>enquête</u>	<u>Produit</u>	<u>Définition</u>
4.33.1	Papiers	<p>Papiers tels que:</p> <p>i) papiers minces spéciaux</p> <p>Les papiers de cette catégorie sont destinés à usages particuliers et sont tous relativement fins. Ils sont faits parfois avec des pâtes mécaniques ou chimiques blanchies ou écruées, mais souvent avec des pâtes contenant du lin, du chanvre ou de la fibre de coton. Leurs principales caractéristiques sont l'uniformité de la surface et du calibre, l'absence de perforations, la résistance, la texture serrée l'opacité, une faible perméabilité, la pureté chimique - toutes ces caractéristiques étant liées à des utilisations spéciales.</p> <p><u>Cette rubrique comprend</u></p> <p>des papiers minces spéciaux tels que:</p> <p>papier pelure pour carbon papier pour condensateurs papiers à cigarettes papiers mousseline pour essuyage de lentilles optiques papier pour stencils papier pour patrons papier pour sachets de thé papier électriques</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>les papiers minces d'impression et d'écriture tels que:</p> <p>papier bible ou imitation papier pour reproduction au duplicateur papier pour manifolds papier pelure surglacé papier à lettre avion</p> <p>ii) papiers kraft destinés à être paraffinés, asphaltés, imperméabilisés, laminés, imprégnés, filés ou tordus, gommés, etc.</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>les cartons kraft pliables. Ils sont classés sous les rubriques 4.32.4 et 4.32.42</p> <p>iii) autres papiers ne figurant pas dans les précédents rubriques</p> <p><u>Cette rubrique comprend</u></p> <p>des papiers tels que:</p> <p>papier isolant papier de chanvre et de jute papier buvard papier filtre les supports de tenture (papier) peints</p>

<u>No. Code</u> <u>enquête</u>	<u>Produit</u>	<u>Définition</u>
4.33.2	Cartons	<p>Cartons non décrits ailleurs, tels que:</p> <p>i) papiers et cartons de construction</p> <p>Papiers, feutres et cartons utilisés dans la construction comme isolants, joints d'étanchéité au gaz, sous-couches de plafonds ou de planchers, etc. Ils sont faits avec des matières complètement raffinées telles que pâtes de bois, vieux papiers, autres pâtes végétales et fibres minérales. La faible conductivité thermique, la résistance à l'humidité, au feu, à la vermine et aux insectes et la durabilité sont des caractéristiques souhaitables pour ces matières.</p> <p><u>Cette rubrique ne comprend pas</u></p> <p>a) les papiers, feutres et cartons imprégnés, imprégnés à coeur, à plusieurs épaisseurs ou traités de toute autre manière (c'est-à-dire travaillés);</p> <p>b) les panneaux de fibres durs, mi-durs et isolants.</p> <p>ii) autres cartons non décrits ailleurs</p> <p><u>Cette rubrique comprend</u></p> <p>des cartons tels que:</p> <p>cartons pour l'industrie et la chaussure cartons pour joints cartons pour transformateurs cartons pour apprêtes textiles cartons pour classeurs cartons pour carrosserie automobile cartons pour dessous de bocks cartons pour valises et malles cartons pour flans de clicherie.</p>

DEFINICIONES

DEFINICION DE CAPACIDAD

Capacidad máxima práctica, para los efectos de la 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 capacidad proporcional 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).

Cambios de capacidad

- i) Los aumentos de la capacidad para los años 1, 2 y 3 de la encuesta deberían incluir planes ya comprometidos para nuevas máquinas, ej.: aquellos comenzados, aquellos donde la tierra ha sido abierta, la maquinaria ordenada, la financiación obtenida, etc., así como incrementos de la maquinaria existente. Para los años 4 y 5, incluir expansiones para pulpa y papel que estén siendo consideradas o que probablemente sean llevadas a cabo.
- ii) Los cambios de capacidad deben aplicarse solamente a la parte del año en que surtan efecto.

a) Aumentos de capacidad

Tratándose de fábricas y máquinas nuevas, debe tenerse presente que sólo llegan a producir a plena capacidad después de estar en funcionamiento por un cierto tiempo. En los primeros 12 meses de funcionamiento, supóngase un 70% de capacidad, 90% en los 12 meses siguientes y 100% después.

b) Reducciones de capacidad

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.

DEFINICIONES DE PASTA

Con el término "pasta para comercialización" se indica la pasta destinada a la venta en el mercado libre, excluyendo la pasta utilizada en la propia fábrica o enviada a compañías asociadas o afiliadas dentro del país. Se considera pasta para comercialización toda pasta enviada fuera del país de producción.

1. Pasta de madera para papel y cartón

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
1.1	Mecánica y mecanoquímica	Pasta de madera, obtenida moliendo o desfibrando troncos, cuartones, rollizos, etc., o refinando astillas de coníferas o no coníferas. También se la denomina pasta mecánica de trituradora y pasta mecánica de refinador. Los rollizos o las astillas pueden ser tratados previamente con un producto químico adecuado para producir pasta mecanoquímica. En este caso, la relación entre el peso de la pasta producida y el de la madera utilizada suele ser muy elevada. La pasta puede ser blanqueada o no. <u>Exclúyanse:</u> la pasta termomecánica pasta desfibrada, pasta obtenida según el proceso masonite, y pasta mecánica para cartón de fibra (para construcción).
1.11	de la cual: de especies no coníferas	Pasta mecánica obtenida de troncos, cuartones, rollizos, astillas, etc., de especies no coníferas.
1.2	Termomecánica	Pasta producida por un proceso mecánico en que se ablandan partículas de madera mediante precalentamiento bajo presión antes de una fase de refinación presionizada.
1.21	de la cual: de especies no coníferas	Pasta termomecánica obtenida de maderas no coníferas.
1.3	Semiquímica	Pasta de madera, obtenida mediante la reducción por medios mecánicos de madera de coníferas en pequeños trozos, los cuales son cocidos en un autoclave con un producto químico adecuado, pero no en la medida suficiente para que las fibras se separen fácilmente, seguido por un tratamiento mecánico. La relación entre el peso de la pasta producida y el peso de la madera utilizada suele ser muy elevada. Puede ser blanqueada o sin blanquear.
1.31	de la cual: de especies no coníferas	Pasta quimiomecánica y semiquímica obtenida de especies no coníferas.
	Al sulfito	Pasta de madera, incluidos los desechos, obtenida reduciendo mecánicamente a partículas madera de coníferas o frondosas cociéndolas después en autoclave en presencia de licor de cocción al bisulfito. Suelen emplearse bisulfitos tales como los de amonio, calcio, magnesio y sodio. <u>Exclúyanse:</u> los tipos solubles con un alto contenido de alfa-celulosa (generalmente 90% or más. Inclúyanse en los códigos 3 y 3.1.
1.41	Al sulfito, sin blanquear	Pasta al sulfito que no se ha blanqueado.
1.41.1	de la cual: de especies no coníferas	Pasta al sulfito sin blanquear hecha de madera de especies no coníferas.
1.42	Al sulfito, semi-blanqueada y blanqueada	Pasta al sulfito que se ha blanqueado en todo o en parte.

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
1.42.1	de la cual: de especies no coníferas	Pasta al sulfito blanqueada o semiblanqueada hecha de madera de especies no coníferas.
	Al sulfato y a sosa	Pasta de madera, incluidos los desechos, obtenida reduciendo mecánicamente a partículas madera de coníferas o frondosas y cociéndolas después en autoclave en presencia de licor de cocción al hidróxido de sodio (pasta a la sosa) o de un licor de cocción consistente en una mezcla de hidróxido de sodio y sulfuro de sodio (pasta al sulfato). <u>Exclúyanse:</u> los tipos solubles con un alto contenido de alfa-celulosa (generalmente 90% o más). Inclúyanse éstos en los códigos 3 y 3.1.
1.43	Al sulfato sin blanquear y a la sosa	Pasta al sulfato y a la sosa que no se ha blanqueado.
1.43.1	de la cual: de especies no coníferas	Pasta al sulfato y a la sosa sin blanquear hecha de madera de especies no coníferas.
1.44	Al sulfato semi-blanqueada y blanqueada y a la sosa	Pasta al sulfato y a la sosa que se ha blanqueado en todo o en parte.
1.44.1	de la cual: de especies no coníferas	Pasta al sulfato y a la sosa blanqueada hecha de madera de especies no coníferas.
2. <u>Otras pastas fibrosas para papel y cartón</u>		
2.1	(De) paja	Pasta hecha de paja con cualquier método. Puede ser blanqueada.
2.2	(De) bagazo	Pasta hecha de los residuos del beneficiado de la caña de azúcar con cualquier método. Puede ser blanqueada.
2.3	(De) bambú	Pasta hecha de bambú con cualquier método. Puede ser blanqueada.
2.4	(De) otras materias (carrizos, esparto, trapos, etc.)	Se incluye toda pasta hecha con cualquier método de materias como esparto y otros carrizos y hierbas, borra de algodón, lino, cáñamo, trapos, y otros residuos textiles. Puede ser blanqueada. <u>Exclúyanse:</u> los tipos solubles; inclúyaselos en el código 3. Pasta hecha de papeles viejos.
3. <u>Pasta soluble (de madera y otras materias fibrosas)</u>		
3.	Soluble (de madera y otras materias fibrosas)	Pastas químicas muy blanqueadas (al sulfato, a la sosa o al sulfito) de madera de coníferas o frondosas, trapos, borra de algodón, etc., de calidad especial con un contenido muy alto de alfa-celulosa (90% o más) fácilmente adaptables a aplicaciones ajenas a la fabricación de papel. Se emplean principalmente como fuente de celulosa en la fabricación de productos tales como fibras artificiales, materiales plásticos celulósicos, lacas, explosivos, etc.
3.1	de la cual: de especies no coníferas	Pasta soluble hecha de madera de especies no coníferas.

DEFINICIONES DE PAPEL Y CARTON

Los productos comprendidos en esta sección se presentan en rollos, tiras u hojas; los rollos y tiras tienen una anchura superior a 15 cm y las hojas no tienen menos de 36 cm de lado.

Exclúyase el papel y cartón cortado en otra forma que la rectangular.

4. Papel y cartón

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
4.1	Papel para periódicos (papel prensa)	Papel sin estuco, sin apresto (o con muy poco apresto) que contiene por lo menos 65 por ciento de pasta mecánica de madera o de pasta de madera termomecánica (porcentaje de fibras) del tipo empleado principalmente para la impresión de diarios, que suele pesar no menos de 40 g/m ² y por lo general no más de 57 g/m ² . <u>Inclúyase:</u> el papel de rotativa
4.2	Otros papeles de escritura e impresión	Papeles, excepto el papel para periodicos, idóneos para la impresión, la escritura y otros usos gráficos, hechos con diversas mezclas de pastas y diversos acabados. Se puede presentar sin estuco y aprestado, calandrado, supercalandrado, satinado, filigranado, o sometido a procesos sencillos de acabamiento análogo, o se puede estucar por una o ambas caras con materiales de estuco como sulfato de bario, tiza, yeso y óxido de cinc, frecuentemente completado con supercalandradura, etc. <u>Inclúyanse:</u> los papeles como: papel moneda papel biblia o imitación biblia papel para libros y revistas forro de cajas interior y exterior bristol papel de calculadora papel de computadora papel para copias múltiples papel de sobre papel de escritura etiquetas papel litográfico papel para copias múltiples offset papel cebolla papel para fotografía papel para carteles papel de escritorio papel para bloques papel de tarjetas de tabulación papel para máquina de escribir
4.21	de la cual: estucado	Papeles de impresión y escritura, salvo el papel para periódicos, que hayan sido estucados por uno o ambos lados con materiales para estucar como tiza (caolín beneficiado), sulfato de bario, yeso u óxido de cinc, suplementado a veces con supercalandradura, etc. <u>Inclúyanse:</u> el papel estucado producido en la fábrica de papel a partir de papel soporte fabricado para uso propio o comprado y todo el papel hecho y estucado en una sola operación en la máquina de papel.
4.21.1	de la cual: con pasta mecánica	Papeles estucados de escritura e impresión que contienen un 10% o más de pasta mecánica.
4.21.2	sin pasta mecánica	Papeles estucados de escritura e impresión que contienen menos de un 10% de pasta mecánica.

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
4.22	sin estucar	Papeles de impresión y escritura, salvo el papel para periódicos, que han sido sometidos a encolado, calandradura, supercalandradura, satinado, afili-granado u otros procesos sencillos de acabado, pero no al estucado. <u>Exclúyase:</u> el papel soporte para estucar para uso propio o para la venta a otras papeleras.
4.22.1	de la cual: con pasta mecánica	Papeles sin estucar de escritura e impresión que contienen un 10% o más de pasta mecánica.
4.22.2	sin pasta mecánica	Papeles sin estucar de escritura e impresión que contienen menos de un 10% de pasta mecánica.
4.31	Papel de uso doméstico y sanitario	Papel absorbente, crepé o no, a veces gofrado, hecho de pasta, blanqueada o no, papel viejo o una mezcla de estos. Este tipo de papel se presenta suficientemente robusto para evitar disgregación o laceración en el uso. Otras características importantes son alta capacidad absorbente, retención de los líquidos absorbidos, morbidez, ausencia de pelillos y olores desagradables. Se hace blanco o en diversos colores y en una, dos o más capas. <u>Inclúyanse:</u> toallas papel facial servilletas guata sanitaria papel higiénico papeles sanitarios material limpiador
4.32	Papel y cartón de envolver y empaquetar	Papel y cartón para envolver y empaquetar, hecho de pastas, recortes y cualquier combinación de ambos.
4.32.1	Cartón de capa	Cartón hecho de pasta al sulfato, blanqueado o no, o principalmente de recortes utilizados como material facial sobre cartón acanalado o sólido o sobre cajas y recipientes de cartón.
4.32.11	Papel kraft para forros	Cartón de capa o cara hecho en todo o principalmente de pasta al sulfato blanqueado o no.
4.32.11.1	sin blanquear	Papel kraft para forros hecho total o principalmente de pasta al sulfato sin blanquear. <u>Inclúyase:</u> el papel kraft veteado para forros.
4.32.11.2	blanqueado	Papel kraft para forros hecho total o principalmente de pasta al sulfato blanqueada. <u>Inclúyase:</u> el papel kraft de superficie blanca.
4.32.12	Otros cartones de capa	Cartones de capa que no sean kraft para forros.
4.32.2	Medio para acanalar	Papel o cartón empleado como medio para ondular en la producción de cartón acanalado. Se puede fabricar en todo o principalmente de pasta de madera semiquímica o de otros materiales.
4.32.21	Semiquímico	Medio para acanalar hecho total o principalmente de pasta semiquímica para madera.
4.32.22	Otros medios para acanalar	Medios para acanalar que no sean semiquímicos.
4.32.3	Papel kraft de envolver y empaquetar	Todos los demás tipos de papel hechos totalmente o principalmente de pasta al sulfato blanqueada y sin blanquear que se utilizan en la fabricación de sacos simples o de varias capas o para otras clases de envolturas y empaquetados.

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
4.32.31	Papel kraft para sacos	Papel kraft de envolver y empaquetar, blanqueado o no, que se emplea en la fabricación de sacos, simples o de varias capas.
4.32.32	Otros tipos de papel kraft de envolver y empaquetar	Papeles kraft de envolver y empaquetar, blanqueado o no, que no sean el papel kraft para sacos.
4.32.4	Cartones sólidos para cajas plegables	<p>Cartón con buenas características de consistencia, marcadura y plegadura. Estos cartones se hacen de pasta de madera, papel viejo o mezclas de los dos. Se presentan naturales o coloreados, sólidos, con forro simple o múltiple, con o sin estuco. Comprenden cajas de cartón plegables, para leche y para el servicio de alimentos.</p> <p><u>Inclúyanse:</u> cartones sólidos para cajas plegables como:</p> <p style="padding-left: 40px;">duplex y triplex con forro blanco o de color cartón sólido blanqueado cartón de astillas (natural o coloreado) cartón kraft plegable no blanqueado</p> <p><u>Exclúyase:</u> el cartón no plegable para caja de embarque, comprendido en el código 4.32.52</p>
4.32.41	Cartones a base de pasta	Estos cartones para cajas plegables se hacen completamente de pasta química o de una mezcla de pastas químicas y mecánicas y/o termomecánicas.
4.32.41.1	Cartones a base de pasta química blanqueada	Estos cartones para cajas plegables pueden ser cartones con forro simple de pasta química blanqueada o cartones con forro múltiple y pasta química blanqueada en ambos lados.
4.32.41.2	Otros cartones a base de pasta	Estos cartones para cajas plegables son de forro simple, hecho de pasta no blanqueada, o múltiple, hecho con una mezcla de pasta química y mecánica y/o termomecánica.
		<u>Exclúyanse:</u> los cartones con forros múltiples y pasta química blanqueada en ambos lados comprendidos en el código 4.32.41.1
4.32.42	Cartones a base de papel viejo	Cartones para cajas plegables manufacturados a base de papel viejo o de una mezcla de papel viejo y pasta.
4.32.5	Otros papeles y cartones de envolver y empaquetar	Papeles y cartones de envolver y empaquetar no incluidos en otros párrafos.
4.32.51	Otros papeles de envolver	<p>Papeles como los siguientes:</p> <p>i) pergamino vegetal, papel impermeable a las grasas y papel glaseado (papel cristal). Papeles hechos de pasta de madera química pura o de mezclas de pasta de madera química, de pasta de fibras de algodón tratadas (o sea, altamente hidratadas o bateneadas energicamente) para que el papel obtenido resista al aceite la grasa y el agua. Se emplean principalmente para envasar productos congelados, húmedos o grasosos, como la mantequilla, la margarina, la carne y el pescado, como forros para cazuelas, papel antiadhesivo, sacos esterilizadores, pergamino o imitaciones de pergamino.</p>

<u>Código de la encuesta</u>	<u>Tipo</u>	<u>Definición</u>
4.32.51		<p><u>Exclúyanse:</u> los papeles impermeabilizados a las grasas o el agua con procesos de estuco, impregnación o similares después de su fabricación.</p> <p>ii) Papel de envolver y empaquetar no especificado en el anterior párrafo i) o en el 4.32.32</p>
4.32.52	Otros cartones de empaquetar	<p>Carton de envolver y empaquetar no incluido en los párrafos 4.32.11, 4.32.12, 4.32.41 y 4.32.42.</p> <p><u>Inclúyanse:</u> cartón de paja cartón no plegable para cajas de embarque cajas de cartón no desmontable cartón utilizado en la manufactura de soportes, tubos, bolsas y contenedores.</p> <p><u>Exclúyanse:</u> el carton acanalado que se considera cartón de conversión el papel y cartón de paja utilizado para cajas acanaladas (que se incluyen en los párrafos 4.32.12 y 4.32.22)</p>
4.33	Otros papeles y cartones no incluidos en otro lugar	<p>Papel y cartón que no se utiliza para empaquetar, fabricado principalmente de materiales que no sean pasta de sulfato y no incluidos en otro lugar.</p>
4.33.1	Papel	<p>Papeles como los siguientes:</p> <p>i) papel especial fino</p> <p>Aquellos papeles hechos para fines especiales cuyas características comunes están en relación con su delgadez. Pueden ser de pastas mecánicas o químicas, blanqueadas o no. Las principales características de algunos de estos papeles son la uniformidad de su superficie y espesor, la ausencia de poro, su resistencia, su densidad, opacidad, escasa permeabilidad y pureza química, todas relacionadas con aplicaciones especiales.</p> <p><u>Inclúyanse:</u> papeles especiales finos como:</p> <p>para papel carbón papel de condensador y capacitor papel eléctrico papel de cigarrillos papel para limpiar lentes papel para estarcidos papel para partrones papel para bolsitas de té</p> <p><u>Exclúyanse:</u> papeles de escritura e impresión finos como:</p> <p>papel biblia o imitación biblia papel de copia para máquina de reproducir papel cebolla papel de carta para correo aéreo</p> <p>ii) papel kraft empleado para encerar, asfaltar, impermeabilizar, laminar, impregnar, hilar o torcer, engomar, etc.</p> <p><u>Exclúyanse:</u> los cartones sólidos para cajas plegables que están comprendidos en los códigos 4.32.4 y 4.32.42</p>

Código de la encuesta Tipo

Definición

iii) todos los demás tipos de papel no especificados anteriormente

Inclúyanse: papel aislante
papel secante
papel filtro
papel de cordeles
base de papel mural

4.33.2 Cartón

Cartones no especificados anteriormente, como:

i) papeles y cartones para la construcción

Papeles, filtros de papel y cartones empleados en la construcción de edificios y otras estructuras para aislar, evitar emanaciones, colonar debajo de los techos y pisos, etc. Se hacen de material totalmente refinado como, por ejemplo, pasta de madera, papel viejo, pasta de otros vegetales y fibra mineral. Las características convenientes en estos materiales son su poca conductividad térmica, su resistencia a la humedad, su resistencia al fuego, su permanencia y su resistencia a los insectos y alimañas.

Exclúyanse: a) Los papeles, filtros y cartones empregnados, saturados, laminados o elaborados ulteriormente de cualquier manera.

b) Los tableros de fibra (tabletos para construcción) o sea, tableros aislantes, tableros semiduros y tableros duros.

ii) Todos los demás tipos de cartón no especificados anteriormente.

Inclúyanse: cartón de zapato
cartón de guarniciones
cartón de transformador
cartón prensado textil
cartón prensado para índices
cartón panel (automóviles)
cartón para posavasos de cerveza
cartón de baúles y maletas
cartón de matrices, etc.

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