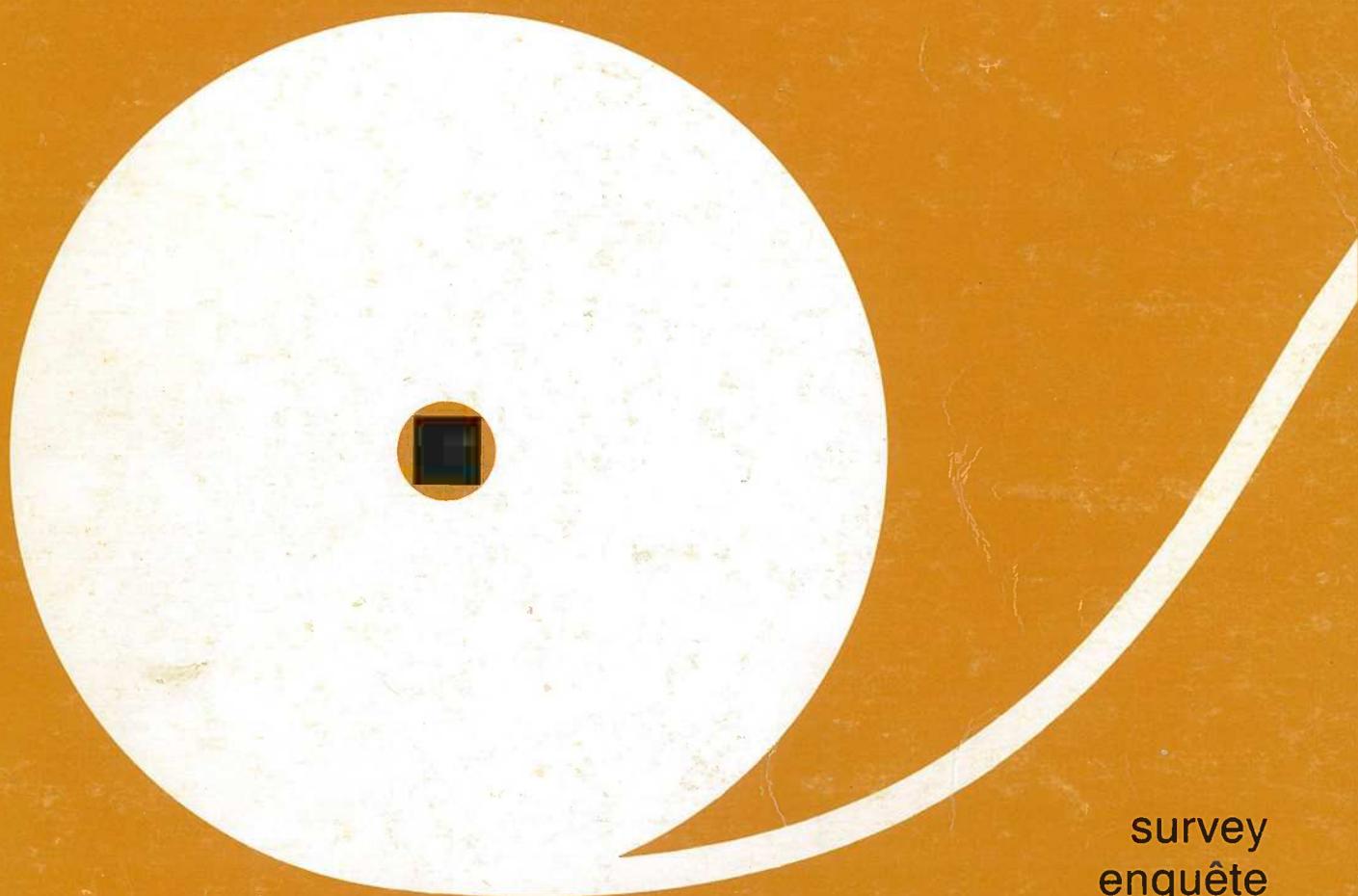


pulp and paper capacities
capacités de la pâte et du papier
capacidades de pasta y papel



survey
enquête
estudio

1984-1989

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

survey
enquête
estudio

1984-1989

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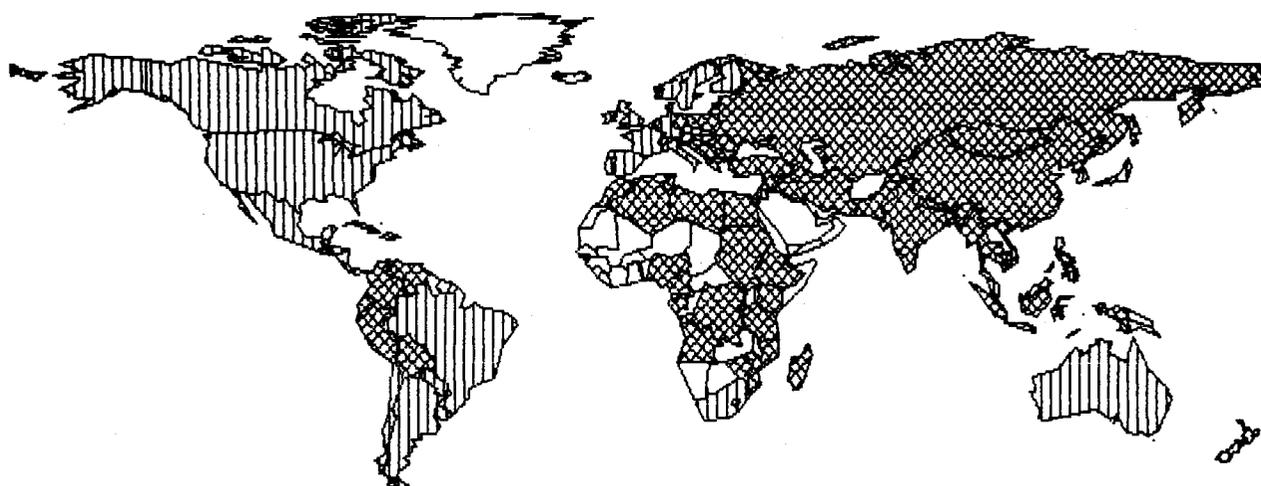
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PULP AND PAPER CAPACITY SURVEY



LEGEND: DATA  ESTIMATED  IN TIME

YEAR 1984

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Report on the FAO Survey
of
World Pulp and Paper Capacities 1984 - 1989
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 1984-89 Survey, new estimates have been received in time for inclusion for 35 countries. For the remaining countries, the estimates of the 1983-88 Survey have been repeated, and 1989 has been made equal to 1988.

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 1984-1991".

The countries for which data were received in time for inclusion in the updating were Argentina, Australia, Austria, Belgium-Luxembourg, Brazil, Canada, Chile, Costa Rica, Cyprus, Czechoslovakia, Denmark, El Salvador, Finland, France, Germany F.R., Hungary, Israel, Italy, Japan, Jordan, Republic of Korea, Malaysia, Mexico, New Zealand, Norway, Paraguay, Philippines, Portugal, Spain, Swaziland, Sweden, Uganda, UK, USA and Uruguay. These countries account for 80 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

A new estimate for China was introduced in the 1983-1988 Survey. 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 1979-84 in Tables 3 to 11.

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

- (i) The increases in capacity from 1983-84 are much as predicted in the 1983 Survey. The estimates of increase for the period 1984-89 are lower than the estimates for the period of the previous Survey.
- (ii) Capacity for paper pulp production increased by 3.8 million tons in 1984 or by 2.4 percent and is estimated to rise from 157.0 million tons in 1984 to 166.4 million tons in 1989. The increase of 8.6 million tons represents an annual growth rate of 1 percent, lower than that projected in the previous Survey.
- (iii) The world capacity for paper and paperboard production increased by 6.6 million tons in 1984 or by 3 percent, compared with an increase of 0.7 percent in 1983. The capacity is expected to increase by 15 million tons over the period 1984 to 1989 from 212 million tons to 227 million tons, the average growth of 1.4 percent is lower than that predicted in the previous Survey.
- (iv) A further net reduction in mechanical pulp capacity of 0.4 million tons, falling to 25.7 million tons, is reported in 1984. Further small reductions are predicted.
- (v) Thermo-mechanical pulp again increased by 1.2 million tons to 10.6 million tons. Capacity is expected to increase by 2.9 million tons in line with last year's Survey.
- (vi) The net increase in chemical pulp capacity in 1984 was 2.8 million tons, compared with a predicted increase of 2.0 million tons. Several countries reported increases somewhat greater than predicted. The projected increase of 5 million tons to 1989 will raise capacity from 101.4 to 106.7 million tons.
- (vii) The estimate of other fibre pulp capacity is substantially changed through the revision of data for China. Estimated capacity in 1984 is 9.6 million tons, 6 percent of total capacity for paper pulp. 7.7 million tons are in the developing countries including China, where pulp of other fibres than wood constitutes 43 percent of total pulp for paper. The projected increase over the period to 1989 is 1 million tons, giving an annual rate of increase of 1.9 percent. Practically all this growth is in developing countries.
- (viii) The reported increases in capacity for the main types of paper and paperboard in 1984 were slightly higher than predicted in 1983: newsprint increased by 0.5 million tons to 31.2 million tons; printing and writing by 3.5 million tons to 54.8 million tons and other paper and paperboard by 2.6 million tons to 126.4 million tons. The projected increase for these three products over the period of the Survey are for newsprint 2.1 million tons with a growth rate of 1.3 percent per year, printing and writing 7 million tons with a growth rate of 2.4 percent per year, and for other paper and paperboard 5.9 million tons with a growth of 0.9 percent - lower than the previous Survey except for printing and writing.
- (ix) The apparent ratio of paper pulp to paper is 73.9 percent in 1984 and falls to 73.2 percent in 1989.

World development of capacity is illustrated in Figures 1 - 11.

Product and Regional Trends (Tables 1 and 2)

The current Survey estimates world capacity of paper grades of pulp at 157 million tons in 1984, an increase of 3.8 million tons on the volume estimated for 1983. Over the period of the Survey this is expected to increase by 8.6 million tons to 166.4 million tons in 1989. Paper and paperboard capacity is estimated at 212.5 million tons in 1984, an increase of 6.6 million tons on 1983, slightly greater than predicted. By 1989 it is expected to increase by 14.8 million tons to 227.3 million tons. The growth of capacity is illustrated in Table 1.

The total capacity for pulp of paper grades in 1984 was much as expected in the previous Survey. Compared with the previous Survey the anticipated five year growth is at a lower rate. The estimate of growth of paper is also at a lower rate than estimated in 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. It should be noted for example that the estimates for USA for 1988 and 1989 are based on the end of year estimate for 1987.

Pulp for Papermaking (1. + 2.)

The estimated net increase in capacity for pulp for papermaking 1984-89 is made up of a decrease in mechanical wood pulp of 0.3 million tons and increases in thermo-mechanical of 2.8 million tons, in semi-chemical 0.4 million tons and chemical wood pulp 5.2 million tons. The increase in other fibre pulp is estimated at 1.0 million tons.

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 last percentage rises to 9 percent by 1989 according to this Survey's estimates.

Market Pulp

The world capacity for market pulp production was estimated at 31 million tons in 1984, with the indication of a 3 percent increase to 32 million tons by 1987. A further small decrease was estimated for Finland offset by increases for Sweden and Norway. The regional distribution was 13.2 million tons in Northern America, 6.4 million tons in the Nordic countries, 3.2 million tons in the rest of Europe, 2.0 million tons in the USSR, 2.3 million tons in Latin America, 1.0 million tons in Oceania and 0.6 million tons in developing Africa.

Woodpulp for Papermaking (1. Table 3)

The estimated addition of 8.5 million tons to the 1984 capacity of 147.5 million tons will bring the world total to 156 million tons in 1989. The estimated increase is smaller by 2.3 million tons than the estimate made in the previous Survey. Of the 1984 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. The developing countries' percentage of the total is estimated to increase to 7.6 by 1989. 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 1984 is 0.4 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 and USA in North America (0.3) and Sweden and Japan. A further decrease to 1989 is predicted of 0.3 million tons. Practically all the production is made from coniferous raw material.

Thermo-mechanical Pulp (1.2 Table 5)

The main growth continues to be in thermo-mechanical pulp. The expansion in capacity 1983 to 1984 was 1.2 million tons, and the estimated expansion to 1989 is 2.8 million tons. 96 percent of world capacity in 1984 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. 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 one percent decrease in semichemical pulp capacity is reported between 1983 and 1984, the whole reduction being in developed market economies. The world capacity is put in this Survey at 9.5 million tons. This is estimated to increase 0.4 million tons by 1989. 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 101.4 million tons. Growth to 1989 is estimated at 5.2 million tons less than in the previous Survey. Chemical pulp constitutes 64 percent of total pulp for paper in 1984. This percentage is estimated to hold to 1989.

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. 26 million tons or 28 percent of the attributed capacity used nonconiferous wood, 22.1 million tons being bleached sulphate (43 percent of that type), 2.7 million tons unbleached sulphate and 1 million bleached sulphite.

Other Fibre Pulp (2. Table 8)

The estimate of capacity for other fibre pulp is 9.6 million tons. 80 percent of this capacity is in developing countries and it constitutes 44 percent of their paper pulp capacity in 1984. The estimated growth to 1989 is 0.9 million tons, practically all in developing countries so that other fibre pulp constitutes 40 percent of developing country pulp capacity. This is probably an under estimate of growth due to the lack of up-to-date estimates for a number of important producers.

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, predicted growth is negative, and it falls to 5.9 million tons in 1989. More than 80 percent is produced as market pulp. 30 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 1984 was 212.5 million tons, an increase of 6.6 million tons or 3 percent on 1983. The estimated growth to 1989 is 15 million tons to a total of 227.3 million tons. This estimated growth is lower than the increase predicted for the period 1983-88. 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 31.2 million tons constitutes 15 percent of world paper and paperboard capacity. The increase from 1983 was 0.5 million tons and was as predicted in the 1983 Survey, with the exception of the UK where a reduction occurred rather than the predicted increase. Increases in capacity are indicated for some developing countries. Estimated growth of 2.1 million tons is lower than growth predicted in the 1983 Survey. 40 percent is in developing countries.

Other Printing and Writing Paper (4.2 Table 11)

World capacity of other printing and writing paper in 1983 was 54.8 million tons, an increase of 3.5 million tons over 1983. This compares with the projection of an increase of 2 million tons in the 1983 Survey. This greater increase results mainly from the increase in USA which was nearly 1 million tons more than predicted in 1983.

Estimated growth to 1989 is 7 million tons, bringing the total to 61.7 million tons.

Other Paper and Paperboard

Total world capacity in 1984 is 126.4 million tons, an increase of 2.6 million tons over 1983. This compares with a projected increase of 3 million tons in the 1983 Survey. Growth over the five year period to 1989 is again estimated at nearly 6 million tons to 132.3 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 million tons and the 1978 estimates 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. Consideration of this adjustment is also essential in interpreting the comparison between predicted and actual growth over the period 1979-84. 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, 1974-89

	Total Capacity				Annual Average Increase		
	Million metric tons				Percent		
	1974	1979	1984	1989	1974-79	1979-84	1984-89
Total woodpulp, paper grades	123.8	137.0	147.5	155.9	2.1	1.5	1.1
Mechanical (a)	30.0	33.0	36.3	38.9	2.0	1.9	1.4
Semi-chemical (b)	10.2	10.5	9.5	10.0	0.5	-2.0	0.9
Chemical	83.6	93.5	101.4	106.7	2.3	1.6	1.0
Other fibre pulp	8.4	11.0	9.6	10.5	5.7	-2.8	1.9
Dissolving pulp	6.0	6.0	6.1	5.9	-0.1	0.2	-0.5
Total paper and paperboard	167.0	192.2	212.5	227.3	2.8	2.0	1.4
Newsprint	24.5	27.2	31.2	33.3	2.2	2.8	1.3
Printing and writing	37.2	44.8	54.8	61.7	3.8	4.1	2.4
Other paper and paperboard	105.4	120.1	126.4	132.3	2.7	1.0	0.9

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

Table 2 : Annual Rate of Increases in World Pulp, Paper and Paperboard Capacity, 1984-89

	Annual Increases				
	Percent				
	1984-5	1985-6	1986-7	1987-8	1988-9
Total woodpulp, paper grades	1.6	1.5	1.5	0.8	0.2
Mechanical (a)	1.3	2.9	1.7	0.9	0.1
Semi-chemical (b)	1.8	0.9	1.1	0.3	0.5
Chemical	1.6	1.0	1.4	0.8	0.2
Other fibre pulp	4.8	3.2	1.4	-	-
Dissolving pulp	-0.1	-2.7	0.4	-0.1	-
Total paper and paperboard	2.1	1.1	1.9	1.2	0.4
Newsprint	1.6	0.8	1.3	2.5	0.3
Printing and writing	3.8	2.1	4.0	1.6	0.4
Other paper and board	1.5	0.7	1.1	0.8	0.4

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

Table 3 : Increases in Capacity of Total Woodpulp for Papermaking, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	137 049	147 452	155 926	10 403	8 474	1.5	1.1	
Developed Market Economies	114 148	121 072	127 584	6 924	6 512	1.2	1.1	
Northern America	68 012	73 954	77 287	5 942	3 333	1.7	0.9	
Japan	12 377	12 066	12 611	-311	545	-0.5	0.9	
Western Europe	30 850	31 399	33 275	549	1 876	0.4	1.2	
Oceania	2 186	2 630	2 798	444	168	3.8	1.2	
Others	723	1 023	1 613	300	590	7.2	9.5	
Developing Market Economies	6 517	8 736	10 543	2 219	1 807	6.0	3.8	
Africa	377	777	818	400	41	15.6	1.0	
Latin America	4 934	5 962	7 342	1 028	1 380	3.9	4.3	
Asia	1 206	1 997	2 383	791	386	10.6	3.6	
Centrally Planned Economies	16 384	17 644	17 799	1 260	155	1.5	0.2	
Asia	2 561	1 202	1 282	-1 359	80	-14.0	1.3	
Eastern Europe	3 773	4 392	4 467	619	75	3.1	0.3	
USSR	10 050	12 050	12 050	2 000	-	3.7	-	

Table 4 : Increases in Capacity of Mechanical^{1/} Woodpulp for Papermaking 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	29 155	25 675	25 361	-3 480	-314	-2.5	-0.2	
Developed Market Economies	24 051	20 781	20 262	-3 270	-519	-2.9	-0.5	
Northern America	12 192	9 986	9 854	-2 206	-132	-3.9	-0.3	
Japan	1 528	1 494	1 471	-34	-23	-0.4	-0.3	
Western Europe	9 325	8 325	7 960	-1 000	-365	-2.2	-0.9	
Oceania	745	751	752	6	1	0.2	-	
Others	261	225	225	-36	-	-2.9	-	
Developing Market Economies	955	1 259	1 417	304	158	5.7	2.4	
Africa	27	37	48	10	11	6.5	5.3	
Latin America	515	701	813	186	112	6.4	3.0	
Asia	413	521	556	108	35	4.8	1.3	
Centrally Planned Economies	4 149	3 635	3 682	-514	47	-2.6	0.3	
Asia	942	328	350	-614	22	-19.0	1.3	
Eastern Europe	957	947	972	-10	25	-0.2	0.5	
USSR	2 250	2 360	2 360	110	-	1.0	-	

^{1/} Excluding thermomechanical pulp

Table 5 : Increases in Capacity of Thermomechanical Pulp, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	3 872	10 616	13 517	6 744	2 901	22.4	5.0	
Developed Market Economies	3 837	10 199	12 929	6 362	2 730	21.6	4.9	
Northern America	1 508	5 761	6 800	4 253	1 039	30.7	3.4	
Japan	807	1 062	1 180	255	118	5.6	2.1	
Western Europe	1 398	2 901	4 427	1 503	1 526	15.7	8.8	
Oceania	124	325	372	201	47	21.3	2.7	
Others	-	150	150	150	-	-	-	
Developing Market Economies	35	242	386	207	144	47.2	9.8	
Africa	-	-	-	-	-	-	-	
Latin America	-	55	151	55	96	-	22.4	
Asia	35	187	235	152	48	39.8	4.7	
Centrally Planned Economies	-	175	202	175	27	-	2.9	
Asia	-	35	62	35	27	-	12.1	
Eastern Europe	-	-	-	-	-	-	-	
USSR	-	140	140	140	-	-	-	

Table 6 : Changes in Capacity of Semi-Chemical Woodpulp for Papermaking, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	10 523	9 535	9 971	-988	436	-2.0	0.9	
Developed Market Economies	8 914	7 681	7 873	-1 233	192	-2.9	0.5	
Northern America	4 647	4 617	4 701	-30	84	-0.1	0.4	
Japan	1 919	1 336	1 307	-583	-29	-7.0	-0.4	
Western Europe	1 793	1 152	1 283	-641	131	-8.5	2.2	
Oceania	393	411	417	18	6	0.9	0.3	
Others	162	165	165	3	-	0.4	-	
Developing Market Economies	592	587	773	-5	186	-0.2	5.7	
Africa	10	41	41	31	-	32.6	-	
Latin America	488	363	398	-125	35	-5.7	1.9	
Asia	94	183	334	89	151	14.3	12.8	
Centrally Planned Economies	1 017	1 267	1 325	250	58	4.5	0.9	
Asia	-	-	-	-	-	-	-	
Eastern Europe	417	417	475	-	58	-	2.6	
USSR	600	850	850	250	-	7.2	-	

Table 7 : Increases in Capacity of Chemical Woodpulp for Papermaking, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	93 509	101 428	106 691	7 919	5 263	1.6	1.0	
Developed Market Economies	77 356	82 215	86 144	4 859	3 929	1.2	0.9	
Northern America	49 665	53 590	55 932	3 925	2 342	1.5	0.9	
Japan	8 123	8 174	8 653	51	479	0.1	1.1	
Western Europe	18 334	18 825	19 229	491	404	0.5	0.4	
Oceania	934	1 143	1 257	209	114	4.1	1.9	
Others	300	483	1 073	183	590	10.0	17.3	
Developing Market Economies	4 935	6 646	7 957	1 711	1 311	6.1	3.7	
Africa	340	699	729	359	30	15.5	0.8	
Latin America	3 931	4 841	5 978	910	1 137	4.3	4.3	
Asia	664	1 106	1 250	442	144	10.7	2.5	
Centrally Planned Economies	11 218	12 567	12 590	1 349	23	2.3	-	
Asia	1 619	839	870	-780	31	-12.3	0.7	
Eastern Europe	2 399	3 028	3 020	629	-8	4.8	-0.1	
USSR	7 200	8 700	8 700	1 500	-	3.9	-	

Table 8 : Increases in Capacity of Other Fibre Pulp for Papermaking, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	11 018	9 570	10 499	-1 448	929	- 2.8	1.9	
Developed Market Economies	1 753	989	1 046	-764	57	-10.8	1.1	
Northern America	715	342	375	-373	33	-13.7	1.9	
Japan	4	4	4	-	-	-	-	
Western Europe	917	531	554	-386	23	-10.4	0.9	
Oceania	7	10	11	3	1	7.4	1.9	
Others	110	102	102	-8	-	-1.5	-	
Developing Market Economies	3 189	4 310	4 989	1 121	679	6.2	3.0	
Africa	191	220	220	29	-	2.9	-	
Latin America	1 221	1 559	1 726	338	167	5.0	2.1	
Asia	1 777	2 531	3 043	754	512	7.3	3.8	
Centrally Planned Economies	6 076	4 271	4 464	-1 805	193	-6.8	0.9	
Asia	5 318	3 385	3 569	-1 933	184	-8.6	1.1	
Eastern Europe	258	261	270	3	9	0.2	0.7	
USSR	500	625	625	125	-	4.6	-	

Table 9 : Increases in Capacity of Total Paper and Paperboard, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	192 169	212 467	227 341	20 298	14 874	2.0	1.4	
Developed Market Economies	150 701	165 729	176 746	15 028	11 017	1.9	1.3	
Northern America	75 340	82 835	87 224	7 495	4 389	1.9	1.0	
Japan	21 453	23 495	25 565	2 042	2 070	1.8	1.7	
Western Europe	50 353	54 729	58 506	4 376	3 777	1.7	1.3	
Oceania	2 300	2 894	3 177	594	283	4.7	1.9	
Others	1 255	1 776	2 274	521	498	7.2	5.1	
Developing Market Economies	15 025	20 151	23 371	5 126	3 220	6.0	3.0	
Africa	720	1 020	1 145	300	125	7.2	2.3	
Latin America	8 601	11 183	12 991	2 582	1 808	5.4	3.0	
Asia	5 704	7 948	9 235	2 244	1 287	6.9	3.0	
Centrally Planned Economies	26 443	26 587	27 224	144	637	0.1	0.5	
Asia	8 955	6 040	6 284	-2 915	244	-7.6	0.8	
Eastern Europe	5 988	6 547	6 940	559	393	1.8	1.2	
USSR	11 500	14 000	14 000	2 500	-	4.0	-	

Table 10 : Increases in Capacity of Newspaper, 1979-89

	Capacity			Total Increase		Annual Average Increase		
	000 Metric tons						Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
World Total	27 215	31 234	33 306	4 019	2 072	2.8	1.3	
Developed Market Economies	22 725	26 467	27 655	3 742	1 188	3.1	0.9	
Northern America	12 748	15 124	15 358	2 376	234	3.5	0.3	
Japan	2 707	2 829	3 175	122	346	0.9	2.3	
Western Europe	6 491	7 393	7 801	902	408	2.6	1.1	
Oceania	543	695	875	152	180	5.1	4.7	
Others	236	426	446	190	20	12.5	0.9	
Developing Market Economies	1 372	1 919	2 710	547	791	6.9	7.1	
Africa	24	19	28	-5	9	-4.6	8.1	
Latin America	707	948	1 282	241	334	6.0	6.2	
Asia	641	952	1 400	311	448	8.2	8.0	
Centrally Planned Economies	3 118	2 848	2 941	-270	93	-1.8	0.6	
Asia	950	430	491	-520	61	-14.7	2.7	
Eastern Europe	468	468	500	0	32	-	1.3	
USSR	1 700	1 950	1 950	250	-	2.8	-	

Table 11 : Increases in Capacity of Printing and Writing Paper, 1979-89

	Capacity			Total Increase		Annual Average Increase	
	000 Metric tons					Percent	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
World Total	44 848	54 806	61 654	9 958	6 848	4.1	2.4
Developed Market Economies	36 222	44 937	50 670	8 715	5 733	4.4	2.4
Northern America	15 662	19 676	22 371	4 014	2 695	4.7	2.6
Japan	4 405	6 112	7 105	1 707	993	6.8	3.1
Western Europe	15 665	18 451	20 432	2 786	1 981	3.3	2.1
Oceania	274	341	405	67	64	4.5	3.5
Others	216	357	357	141	-	10.6	-
Developing Market Economies	3 626	4 956	5 825	1 330	869	6.4	3.3
Africa	228	254	333	26	79	2.2	5.6
Latin America	1 688	2 468	2 866	780	398	7.9	3.0
Asia	1 710	2 234	2 626	524	392	5.5	3.3
Centrally Planned Economies	5 000	4 913	5 159	-87	246	-0.4	1.0
Asia	2 417	1 940	2 002	-477	62	-4.3	0.6
Eastern Europe	1 133	1 273	1 457	140	184	2.4	2.7
USSR	1 450	1 700	1 700	250	-	3.2	-

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	73.9
1985	73.7
1986	74.1
1987	73.7
1988	73.4
1989	73.2

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	
	Million 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
1984-89	157.0	212.5	9.4	14.8

Table 14 : Survey Estimates of Capacity Increase by Major Product

	000 Metric tons				
	Survey	Survey	Survey	Survey	Survey
	1980-85	1981-86	1982-87	1983-88	1984-89
Total Woodpulp, Paper Grades	16 159	14 516	11 386	10 766	8 474
Mechanical (a)	6 108	5 235	3 423	3 044	2 587
Semi-chemical (b)	884	1 047	609	440	436
Chemical	9 229	8 272	7 352	7 139	5 263
Other fibre pulp	1 764	1 415	1 968	1 430	929
Dissolving Pulp	362	385	379	207	-148
Total paper and paperboard	26 039	24 145	18 998	18 176	14 874
Newsprint	5 898	4 918	3 971	2 751	2 072
Printing and writing	8 492	7 866	6 090	6 123	6 848
Other paper and paperboard	11 826	11 379	8 905	9 272	5 911

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

Enquête de la FAO
sur
la capacité mondiale de production de pâte et de papier 1984-1989
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 1984/89, de nouvelles estimations nous sont parvenues à temps pour 35 pays. Pour les autres, on a conservé les estimations de l'enquête 1983-88, en reprenant pour 1989 les chiffres donnés pour 1988.

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 1984-1991".

Les pays suivants ont fourni des données à temps pour que l'on puisse en tenir compte: Allemagne (République fédérale d'), Argentine, Australie, Autriche, Belgique-Luxembourg, Brésil, Canada, Chili, Chypre, Corée (République de), Costa Rica, Danemark, El Salvador, Espagne, Etats-Unis d'Amérique, Finlande, France, Hongrie, Israël, Italie, Japon, Jordanie, Malaisie, Mexique, Norvège, Nouvelle-Zélande, Ouganda, Paraguay, Philippines, Portugal, Royaume-Uni, Suède, Swaziland, Tchécoslovaquie, Uruguay.

Ces pays représentent 80 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

De nouvelles estimations pour la Chine ont été présentées dans l'enquête 1983-88. Les données concernant la Chine ne tiennent pas compte de la capacité de production de la province de Taïwan. 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 1979-84 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 1983-84 correspond sensiblement à ce qui avait été indiqué dans l'enquête de 1983. Les estimations de l'augmentation pendant la période de 1984-89 sont inférieures aux estimations correspondantes pour la période couverte par le rapport précédent.
- (ii) La capacité de production de pâte à papier a augmenté de 3,8 millions de tonnes en 1984, soit 2,4 pour cent et on estime qu'elle passera de 157 millions de tonnes en 1984 à 166,4 millions de tonnes en 1989. Cette augmentation de 8,6 millions de tonnes représente un taux d'expansion annuel de 1 pour cent, inférieur à celui qui était indiqué dans l'enquête précédente.
- (iii) La capacité mondiale de production de papier et de carton a augmenté de 6,6 millions de tonnes en 1984, soit 3 pour cent, alors que l'augmentation en 1983 avait été de 0,7 pour cent. Cette capacité de production devrait augmenter encore de 15 millions de tonnes entre 1984 et 1989, passant de 212 millions de tonnes à 227 millions de tonnes, soit un taux d'expansion moyen de 1,4 pour cent, inférieur 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 0,4 million de tonnes. On signalait en 1984 qu'elle était tombée à 25,7 millions de tonnes, et l'on prévoit de nouvelles réductions de faible ampleur.
- (v) La capacité de production de pâte thermomécanique a encore augmenté de 1,2 million de tonnes, passant à 10,6 millions de tonnes. Cette capacité de production devrait augmenter de 2,9 millions de tonnes comme l'indiquait l'enquête de l'année dernière.
- (vi) L'augmentation nette de la capacité de production de pâte chimique en 1984 a été d'environ 2,8 millions de tonnes alors que l'augmentation prévue était de 2 millions de tonnes. Plusieurs pays ont annoncé les augmentations plus élevées que prévu. L'augmentation de 5 millions de tonnes prévue pour 1989 fera passer la production de 101,4 à 106,7 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 1984 est estimée à 9,6 millions de tonnes, soit 6 pour cent de la capacité totale pour la pâte à papier. De cette capacité de production, 7,7 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 1989 est de 1 million de tonnes, soit un taux de croissance annuel de 1,9 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 1984 ont été légèrement supérieures à ce qui avait été prévu en 1983: la capacité de production de papier journal a augmenté de 0,5 million de tonnes, passant à 31,2 millions de tonnes; les papiers d'impression et d'écriture ont augmenté de 3,5 millions de tonnes, passant à 54,8 millions de tonnes et les autres papiers et cartons de 2,6 million de tonnes, atteignant 126,4 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 2,1 millions de tonnes avec un taux de croissance de 1,3 pour cent par an, pour le papier d'impression et d'écriture 7 millions de tonnes avec un taux de croissance de 2,4 pour cent par an et pour les autres papiers et cartons 5,9 millions de tonnes avec un taux de croissance de 0,9 pour cent, soit des taux inférieurs à ceux prévus dans l'enquête précédente, sauf pour les papiers d'impression et d'écriture.
- (ix) Le rapport apparent entre pâte et papier, qui était de 73,9 pour cent en 1984, devrait tomber à 73,2 pour cent en 1989.

Les tableaux 1 à 11 illustrent le développement de la capacité mondiale de production de pâte et de papier.

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 157 millions de tonnes en 1984, ce qui représente une augmentation de 3,8 millions de tonnes par rapport au volume estimé pour 1983. Pendant la période couverte, il devrait y avoir une augmentation de 8,6 millions de tonnes, de sorte que la capacité serait de 166,4 millions de tonnes en 1989. La capacité de production de papier et de carton a été estimée à 212,5 millions de tonnes en 1984, soit une augmentation de 6,6 millions de tonnes par rapport à 1983, légèrement supérieure aux chiffres prévus. On prévoit une augmentation de 14,8 millions de tonnes d'ici à 1989, ce qui porterait la capacité totale à 227,3 millions de tonnes. Le tableau 1 illustre cette expansion.

En 1984, la capacité totale de production de pâte à papier correspondait sensiblement aux prévisions de l'enquête précédente. La nouvelle enquête prévoit un taux d'expansion inférieur pendant la prochaine période de 5 ans. Pour le papier, l'estimation de l'expansion est également inférieure à ce qui avait été prévu 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. Il convient de noter par exemple que les estimations concernant les Etats-Unis d'Amérique pour 1988 et 1989 se fondent sur des estimations relatives à la fin de l'année 1987.

Pâte à papier (1. + 2.)

L'augmentation nette de la capacité de production de pâte à papier entre 1984 et 1989 se compose comme suit: réduction de 0,3 million de tonnes pour la pâte mécanique de bois et augmentations de 2,8 millions de tonnes pour la pâte thermomécanique, de 0,4 million de tonnes pour la pâte mi-chimique et de 5,2 millions de tonnes pour la pâte chimique de bois. Pour les pâtes d'autres fibres, on estime que l'augmentation sera de 1 million de tonnes.

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 1989.

Pâte marchande

La capacité mondiale de production de pâte marchande est estimée à 31 millions de tonnes en 1984, et l'on prévoit une augmentation de 3 pour cent d'ici à 1987, ce qui porterait ce chiffre à 32 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: 31,2 millions de tonnes en Amérique du Nord, 6,4 millions de tonnes dans les pays nordiques, 3,2 millions de tonnes dans le reste de l'Europe, 2 millions de tonnes en URSS, 2,3 millions de tonnes en Amérique latine, 1 million de tonnes en Océanie et 0,6 million de tonnes dans les pays en développement d'Afrique.

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

L'expansion estimée à 8,5 millions de tonnes de la capacité par rapport à 1984 amènera le total mondial à 156 millions de tonnes en 1989. L'augmentation estimée est inférieure de 2,3 millions de tonnes à celle de l'enquête précédente. La capacité de production de pâte de bois en 1984 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. On estime que la part des pays en développement dans la capacité mondiale devrait passer à 7,6 pour cent en 1989, 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 1984 est inférieur de 0,4 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 les Etats-Unis en Amérique du Nord (0,3), ainsi que la Suède et le Japon. On prévoit encore une réduction de 0,3 million de tonnes d'ici à 1989. La quasi-totalité de la production est dérivée de bois 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 1983 et 1984 a atteint 1,2 million de tonnes, et l'on prévoit d'ici à 1989 une augmentation de 2,8 millions de tonnes. 96 pour cent de la capacité mondiale en 1984 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. Pratiquement tout le volume de pâte dont on connaît la matière première est fabriqué à partir de conifères. (Il est 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 1 pour cent entre 1983 et 1984, la réduction affectant exclusivement les pays développés à économie de marché. La capacité mondiale est estimée à 9,5 millions de tonnes, et l'on prévoit une augmentation de 0,4 million de tonnes d'ici à 1989. 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 101,4 millions de tonnes. L'expansion jusqu'en 1989 devrait être inférieure de 5,2 millions de tonnes à celle prévue dans la précédente étude. La pâte chimique représentait 64 pour cent de la capacité totale de pâte à papier en 1984. On estime que ce pourcentage se maintiendra jusqu'en 1989.

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 écru, 5 pour cent pour les pâtes au bi-sulfite blanchies, 38 pour cent pour les pâtes au sulfate écru, 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 (26 millions de tonnes) sont constitués par des pâtes d'essences non-conifères, et se composent comme suit: 22,1 millions de tonnes de pâte au sulfate blanchie (43 pour cent de ce type de pâte), 2,7 millions de tonnes de pâte au sulfate écru, 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 s'établit à 9,6 millions de tonnes. Quatre-vingts pour cent de cette capacité se trouvent dans des pays en développement et représentent 44 pour cent de leur capacité de production de pâte à papier en 1984. La croissance d'ici à 1989 est estimée à 0,9 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. Cette croissance est sans doute sous-estimée, en l'absence d'estimations récentes concernant un certain nombre d'importants producteurs.

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 devrait être négatif et la production tomber à 5,9 millions de tonnes en 1989. Plus de 80 pour cent de la pâte de ce type produite est de la pâte marchande. 30 pour cent proviennent d'essences non conifères et 25 pour cent de conifères. Pour le restant 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 212,5 millions de tonnes en 1984, soit une augmentation de 6,6 millions de tonnes, (3 pour cent) par rapport en 1983. On estime que l'augmentation d'ici à 1989 sera de 15 millions de tonnes, ce qui portera le total à 227,3 millions de tonnes. L'expansion estimée est inférieure à l'augmentation prévue pour la période 1983-88. 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 31,2 millions de tonnes, représente 15 pour cent de la capacité mondiale de production de papier et carton. L'augmentation par rapport à 1983 est de 0,5 million de tonnes, comme prévu dans l'étude de la même année, sauf pour le Royaume-Uni qui a enregistré une baisse de sa production au lieu de l'accroissement prévu. Une augmentation de capacité de production est indiquée pour quelques pays en développement. L'augmentation estimée de 2,7 millions de tonnes est inférieure à l'expansion prévue dans l'enquête de 1983. Quarante pour cent de la capacité de production se trouvent dans les pays en développement.

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

En 1984, la capacité mondiale de production d'autres papiers d'impression et d'écriture s'élevait à 54,8 millions de tonnes, c'est-à-dire, 3,5 millions de tonnes de plus qu'en 1983, alors que l'enquête de 1983 prévoyait une augmentation de 2 millions de tonnes. Ceci est dû principalement à l'augmentation enregistrée aux Etats-Unis qui a dépassé de près de 1 million de tonnes celle prévue en 1983.

Les estimations concernant la croissance d'ici à 1989 sont de 7 millions de tonnes, ce qui porterait le total à 61,7 millions de tonnes.

Autres papiers et cartons

La capacité mondiale totale de production en 1984 est de 126,4 millions de tonnes, soit une augmentation de 2,6 millions de tonnes par rapport à 1983, alors que l'enquête de 1983 prévoyait une augmentation de 3 millions de tonnes. On estime que, d'ici à 1989 - c'est-à-dire dans les cinq ans à venir - la croissance devrait atteindre près de 6 millions de tonnes, ce qui porterait le total à 132,3 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. La prise en compte de cet ajustement est également essentielle lorsqu'on compare la croissance prévue avec la croissance réelle pour la période 1979-84. 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, 1974-89

	Capacité totale				Augmentation annuelle moyenne		
	millions de tonnes				pourcentage		
	1974	1979	1984	1989	1974-79	1979-84	1984-89
Pâte de bois pour papier, total	123.8	137.0	147.5	155.9	2.1	1.5	1.1
Mécanique (a)	30.0	33.0	36.3	38.9	2.0	1.9	1.4
Mi-chimique (b)	10.2	10.5	9.5	10.0	0.5	-2.0	0.9
Chimique	83.6	93.5	101.4	106.7	2.3	1.6	1.0
Pâte d'autres fibres	8.4	11.0	9.6	10.5	5.7	-2.8	1.9
Pâte à dissoudre	6.0	6.0	6.1	5.9	-0.1	0.2	-0.5
Papier et carton, total	167.0	192.2	212.5	227.3	2.8	2.0	1.4
Papier journal	24.5	27.2	31.2	33.3	2.2	2.8	1.3
Papier d'impression et d'écriture	37.2	44.8	54.8	61.7	3.8	4.1	2.4
Autres papiers et cartons	105.4	120.1	126.4	132.3	2.7	1.0	0.9

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

Tableau 2 : Taux annuel d'accroissement de la capacité mondiale de production de pâte, de papier et de carton, 1984-89

	Accroissements annuels				
	pourcentage				
	1984-5	1985-6	1986-7	1987-8	1988-9
Pâte de bois pour papier, total	1.6	1.5	1.5	0.8	0.2
Mécanique (a)	1.3	2.9	1.7	0.9	0.1
Mi-chimique (b)	1.8	0.9	1.1	0.3	0.5
Chimique	1.6	1.0	1.4	0.8	0.2
Pâte d'autres fibres	4.8	3.2	1.4	-	-
Pâte à dissoudre	-0.1	-2.7	0.4	-0.1	-
Papier et carton, total	2.1	1.1	1.9	1.2	0.4
Papier journal	1.6	0.8	1.3	2.5	0.3
Papier d'impression et d'écriture	3.8	2.1	4.0	1.6	0.4
Autres papiers et cartons	1.5	0.7	1.1	0.8	0.4

- (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, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mondial	137 049	147 452	155 926	10 403	8 474	1.5	1.1	
Pays dév. à écon. marché	114 148	121 072	127 584	6 924	6 512	1.2	1.1	
Amérique du Nord	68 012	73 954	77 287	5 942	3 333	1.7	0.9	
Japon	12 377	12 066	12 611	-311	545	-0.5	0.9	
Europe occidentale	30 850	31 399	33 275	549	1 876	0.4	1.2	
Océanie	2 186	2 630	2 798	444	168	3.8	1.2	
Autres	723	1 023	1 613	300	590	7.2	9.5	
Pays en dév. à écon. marché	6 517	8 736	10 543	2 219	1 807	6.0	3.8	
Afrique	377	777	818	400	41	15.6	1.0	
Amérique latine	4 934	5 962	7 342	1 028	1 380	3.9	4.3	
Asie	1 206	1 997	2 383	791	386	10.6	3.6	
Pays à écon. centr. planif.	16 384	17 644	17 799	1 260	155	1.5	0.2	
Asie	2 561	1 202	1 282	-1 359	80	-14.0	1.3	
Europe orientale	3 773	4 392	4 467	619	75	3.1	0.3	
URSS	10 050	12 050	12 050	2 000	-	3.7	-	

Tableau 4 : Accroissement de la capacité de production de pâte mécanique^{1/} pour papier, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mondial	29 155	25 675	25 361	-3 480	-314	-2.5	-0.2	
Pays dév. à écon. marché	24 051	20 781	20 262	-3 270	-519	-2.9	-0.5	
Amérique du Nord	12 192	9 986	9 854	-2 206	-132	-3.9	-0.3	
Japon	1 528	1 494	1 471	-34	-23	-0.4	-0.3	
Europe occidentale	9 325	8 325	7 960	-1 000	-365	-2.2	-0.9	
Océanie	745	751	752	6	1	0.2	-	
Autres	261	225	225	-36	-	-2.9	-	
Pays en dév. à écon. marché	955	1 259	1 417	304	158	5.7	2.4	
Afrique	27	37	48	10	11	6.5	5.3	
Amérique latine	515	701	813	186	112	6.4	3.0	
Asie	413	521	556	108	35	4.8	1.3	
Pays à écon. centr. planif.	4 149	3 635	3 682	-514	47	-2.6	0.3	
Asie	942	328	350	-614	22	-19.0	1.3	
Europe orientale	957	947	972	-10	25	-0.2	0.5	
URSS	2 250	2 360	2 360	110	-	1.0	-	

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

Tableau 5 : Accroissement de la capacité de production de pâte thermo-mécanique, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mondial	3 872	10 616	13 517	6 744	2 901	22.4	5.0	
Pays dév. à écon. marché	3 837	10 199	12 929	6 362	2 730	21.6	4.9	
Amérique du Nord	1 508	5 761	6 800	4 253	1 039	30.7	3.4	
Japon	807	1 062	1 180	255	118	5.6	2.1	
Europe occidentale	1 398	2 901	4 427	1 503	1 526	15.7	8.8	
Océanie	124	325	372	201	47	21.3	2.7	
Autres	-	150	150	150	-	-	-	
Pays en dév. à écon. marché	35	242	386	207	144	47.2	9.8	
Afrique	-	-	-	-	-	-	-	
Amérique latine	-	55	151	55	96	-	22.4	
Asie	35	187	235	152	48	39.8	4.7	
Pays à écon. centr. planif.	-	175	202	175	27	-	2.9	
Asie	-	35	62	35	27	-	12.1	
Europe orientale	-	-	-	-	-	-	-	
URSS	-	140	140	140	-	-	-	

Tableau 6 : Accroissement de la capacité de production de pâte de bois mi-chimique pour papier, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mondial	10 523	9 535	9 971	-988	436	-2.0	0.9	
Pays dév. à écon. marché	8 914	7 681	7 873	-1 233	192	-2.9	0.5	
Amérique du Nord	4 647	4 617	4 701	-30	84	-0.1	0.4	
Japon	1 919	1 336	1 307	-583	-29	-7.0	-0.4	
Europe occidentale	1 793	1 152	1 283	-641	131	-8.5	2.2	
Océanie	393	411	417	18	6	0.9	0.3	
Autres	162	165	165	3	-	0.4	-	
Pays en dév. à écon. marché	592	587	773	-5	186	-0.2	5.7	
Afrique	10	41	41	31	-	32.6	-	
Amérique latine	488	363	398	-125	35	-5.7	1.9	
Asie	94	183	334	89	151	14.3	12.8	
Pays à écon. centr. planif.	1 017	1 267	1 325	250	58	4.5	0.9	
Asie	-	-	-	-	-	-	-	
Europe orientale	417	417	475	-	58	-	2.6	
URSS	600	850	850	250	-	7.2	-	

Tableau 7 : Accroissement de la capacité de pâte de bois chimique pour papier, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mondial	93 509	101 428	106 691	7 919	5 263	1.6	1.0
Pays dev. à écon. marché	77 356	82 215	86 144	4 859	3 929	1.2	0.9
Amérique du Nord	49 665	53 590	55 932	3 925	2 342	1.5	0.9
Japon	8 123	8 174	8 653	51	479	0.1	1.1
Europe occidentale	18 334	18 825	19 229	491	404	0.5	0.4
Océanie	934	1 143	1 257	209	114	4.1	1.9
Autres	300	483	1 073	183	590	10.0	17.3
Pays en dev. à écon. marché	4 935	6 646	7 957	1 711	1 311	6.1	3.7
Afrique	340	699	729	359	30	15.5	0.8
Amérique latine	3 931	4 841	5 978	910	1 137	4.3	4.3
Asie	664	1 106	1 250	442	144	10.7	2.5
Pays à écon. centr. planif.	11 218	12 567	12 590	1 349	23	2.3	-
Asie	1 619	839	870	-780	31	-12.3	0.7
Europe orientale	2 399	3 028	3 020	629	-8	4.8	-0.1
URSS	7 200	8 700	8 700	1 500	-	3.9	-

Tableau 8 : Accroissement de la capacité de production des pâtes d'autres fibres pour papier, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mondial	11 018	9 570	10 499	-1 448	929	- 2.8	1.9
Pays dev. à écon. marché	1 753	989	1 046	-764	57	-10.8	1.1
Amérique du Nord	715	342	375	-373	33	-13.7	1.9
Japon	4	4	4	-	-	-	-
Europe occidentale	917	531	554	-386	23	-10.4	0.9
Océanie	7	10	11	3	1	7.4	1.9
Autres	110	102	102	-8	-	-1.5	-
Pays en dev. à écon. marché	3 189	4 310	4 989	1 121	679	6.2	3.0
Afrique	191	220	220	29	-	2.9	-
Amérique latine	1 221	1 559	1 726	338	167	5.0	2.1
Asie	1 777	2 531	3 043	754	512	7.3	3.8
Pays à écon. centr. planif.	6 076	4 271	4 464	-1 805	193	-6.8	0.9
Asie	5 318	3 385	3 569	-1 933	184	-8.6	1.1
Europe orientale	258	261	270	3	9	0.2	0.7
URSS	500	625	625	125	-	4.6	-

Tableau 9 : Accroissement de la capacité de production totale de papier et carton, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mondial	192 169	212 467	227 341	20 298	14 874	2.0	1.4
Pays dév. à écon. marché	150 701	165 729	176 746	15 028	11 017	1.9	1.3
Amérique du Nord	75 340	82 835	87 224	7 495	4 389	1.9	1.0
Japon	21 453	23 495	25 565	2 042	2 070	1.8	1.7
Europe occidentale	50 353	54 729	58 506	4 376	3 777	1.7	1.3
Océanie	2 300	2 894	3 177	594	283	4.7	1.9
Autres	1 255	1 776	2 274	521	498	7.2	5.1
Pays en dév. à écon. marché	15 025	20 151	23 371	5 126	3 220	6.0	3.0
Afrique	720	1 020	1 145	300	125	7.2	2.3
Amérique latine	8 601	11 183	12 991	2 582	1 808	5.4	3.0
Asie	5 704	7 948	9 235	2 244	1 287	6.9	3.0
Pays à écon. centr. planif.	26 443	26 587	27 224	144	637	0.1	0.5
Asie	8 955	6 040	6 284	-2 915	244	-7.6	0.8
Europe orientale	5 988	6 547	6 940	559	393	1.8	1.2
URSS	11 500	14 000	14 000	2 500	-	4.0	-

Tableau 10 : Accroissement de la capacité de production de papier journal, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne	
	milliers de tonnes					pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mondial	27 215	31 234	33 306	4 019	2 072	2.8	1.3
Pays dév. à écon. marché	22 725	26 467	27 655	3 742	1 188	3.1	0.9
Amérique du Nord	12 748	15 124	15 358	2 376	234	3.5	0.3
Japon	2 707	2 829	3 175	122	346	0.9	2.3
Europe occidentale	6 491	7 393	7 801	902	408	2.6	1.1
Océanie	543	695	875	152	180	5.1	4.7
Autres	236	426	446	190	20	12.5	0.9
Pays en dév. à écon. marché	1 372	1 919	2 710	547	791	6.9	7.1
Afrique	24	19	28	-5	9	-4.6	8.1
Amérique latine	707	948	1 282	241	334	6.0	6.2
Asie	641	952	1 400	311	448	8.2	8.0
Pays à écon. centr. planif.	3 118	2 848	2 941	-270	93	-1.8	0.6
Asie	950	430	491	-520	61	-14.7	2.7
Europe orientale	468	468	500	0	32	-	1.3
URSS	1 700	1 950	1 950	250	-	2.8	-

Tableau 11 : Accroissement de la capacité de production d'autres papiers d'impression et d'écriture, 1979-89

	Capacité			Augmentation totale		Augmentation annuelle moyenne		
	milliers de tonnes						pourcentage	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mondial	44 848	54 806	61 654	9 958	6 848	4.1	2.4	
Pays dév. à écon. marché	36 222	44 937	50 670	8 715	5 733	4.4	2.4	
Amérique du Nord	15 662	19 676	22 371	4 014	2 695	4.7	2.6	
Japon	4 405	6 112	7 105	1 707	993	6.8	3.1	
Europe occidentale	15 665	18 451	20 432	2 786	1 981	3.3	2.1	
Océanie	274	341	405	67	64	4.5	3.5	
Autres	216	357	357	141	-	10.6	-	
Pays en dév. à écon. marché	3 626	4 956	5 825	1 330	869	6.4	3.3	
Afrique	228	254	333	26	79	2.2	5.6	
Amérique latine	1 688	2 468	2 866	780	398	7.9	3.0	
Asie	1 710	2 234	2 626	524	392	5.5	3.3	
Pays à écon. centr. planif.	5 000	4 913	5 159	-87	246	-0.4	1.0	
Asie	2 417	1 940	2 002	-477	62	-4.3	0.6	
Europe orientale	1 133	1 273	1 457	140	184	2.4	2.7	
URSS	1 450	1 700	1 700	250	-	3.2	-	

Tableau 12 : Rapports capacité de pâte/capacité de papier

Année	Rapports pâte/papier, en pourcentage
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	73.9
1985	73.7
1986	74.1
1987	73.7
1988	73.4
1989	73.2

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 totale	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
1984-89	157.0	212.5	9.4	14.8

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

	milliers de tonnes				
	Enquête	Enquête	Enquête	Enquête	Enquête
	1980-85	1981-86	1982-87	1983-88	1984-89
Pâte de bois	16 159	14 516	11 386	10 766	8 474
Mécanique (a)	6 108	5 235	3 423	3 044	2 587
Mi-chimique (b)	884	1 047	609	440	436
Chimique	9 229	8 272	7 352	7 139	5 263
Pâte d'autres fibres	1 764	1 415	1 968	1 430	929
Pâte à dissoudre	362	385	379	207	-148
Papier et carton, total	26 039	24 145	18 998	18 176	14 874
Papier journal	5 898	4 918	3 971	2 751	2 072
Autres papiers d'impression et d'écriture	8 492	7 866	6 090	6 123	6 848
Autres papiers et cartons - papier d'emballage	11 826	11 379	8 905	9 272	5 911

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

Informe sobre la Encuesta de la FAO

relativa

a la capacidad de producción mundial de pasta y papel 1984 - 1989

elaborado por

la Secretaría

Las Encuestas anuales de la FAO sobre la capacidad mundial de producción de pasta y papel se basan en los datos recibidos de los corresponsales en muchos países al comenzar el año de la publicación y en las estimaciones que hace la Secretaría en relación con los demás países. En la mayoría de los casos, los datos los facilitan las asociaciones nacionales de comerciantes de pasta y papel. La información sobre sus planes futuros de desarrollo se obtiene de las empresas, por término medio unos seis meses antes de que se comunique a la FAO. En consecuencia, los resultados recogen la opinión y las expectativas de la industria a mediados del primer año sobre el cual se informa. Es posible que, entretanto, los cambios subsiguientes en las condiciones económicas, financieras y del mercado hayan dado lugar a cambios en sus planes y expectativas. En el caso de la presente encuesta de 1984-89, se han recibido, a tiempo para su inclusión, nuevas estimaciones de 35 países. En relación con los restantes países se han repetido las de la encuesta de 1983-88 y las de 1989 se han considerado iguales a las de 1988.

El ámbito, el contenido y la presentación de la encuesta son idénticos a los del año pasado. Los datos se han almacenado y elaborado en computadores, y en la encuesta se ha utilizado un cuestionario preparado con computadora. Caben señalar las siguientes características de la presentación:

- i) Se presentan en una página los cuadros relativos a la pasta y papel por países.
- ii) Los cuadros por regiones incluyen todos los detalles de los cuadros por países. Además, estos cuadros muestran para cada suma de productos el volumen respecto del cual no se dispone de ningún desglose detallado ulterior de los productos que abarca. La forma en que eso 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 más abajo	803
4.32111	Papel kraft para forrar sin blanquear	570
4.32112	Papel kraft para forros blanqueado	500

Esto indica inmediatamente el alcance de los detalles que proporciona el desglose.

- iii) Los cuadros por productos indican el volumen de la capacidad de producción por países en relación con cada producto y el código de la suma de productos. Se designan 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, 1984-91".

Los datos recibidos a tiempo para ser incluidos en la actualización corresponden a los países siguientes: Alemania (Rep. Fed.), Argentina, Australia, Austria, Bélgica-Luxemburgo, Brasil, Canadá, Checoslovaquia, Chile, Chipre, Costa Rica, Dinamarca, El Salvador, España, Estados Unidos de América, Filipinas, Finlandia, Francia, Hungría, Israel, Italia, Japón, Jordania, Malasia, México, Noruega, Nueva Zelandia, Paraguay, Portugal, Reino Unido, República de Corea, Suecia, Swazilandia, Uganda y Uruguay.

Estos países representan el 80 por ciento de la capacidad mundial de producción. Los datos correspondientes a las economías en desarrollo de mercado abarcan el 55 por ciento de su capacidad total de producción.

Símbolos empleados en los cuadros

.	NO DESGLOSADO
*)	DATOS ESTIMADOS
DATOS RECIBIDOS CON RETRASO	INFORMACION RECIBIDA DESPUES DEL PLAZO FIJADO Y, POR LO TANTO, NO INCLUIDA EN LOS CUADROS POR REGIONES Y POR PRODUCTOS

Resumen

En la encuesta relativa 1983-88 se incluyeron nuevas estimaciones para China. En la presente edición los datos correspondientes a China no incluyen la capacidad de producción de la provincia de Taiwan. La magnitud aproximada de este ajuste por productos lo indica la variación negativa registrada en las economías de planificación centralizada de Asia para el período 1979-84, en los cuadros 3 a 11.

Las principales conclusiones, teniendo en cuenta esta revisión son las siguientes:

- i) El aumento de la capacidad de producción a partir de 1983-84 es análogo al previsto en la encuesta de 1983. Las estimaciones del aumento para el período de 1984-89 son inferiores a los cálculos correspondientes a este período en la encuesta anterior.
- ii) La capacidad de producción de pasta para papel aumentó en 1984 en 3,8 millones de toneladas, es decir, en un 2,4 por ciento, y se calcula que pasará de 157,0 millones de toneladas en 1984, a 166,4 millones en 1989. El crecimiento de 8,6 millones de toneladas representa una tasa anual de aumento del 1 por ciento, que es inferior a la prevista en la encuesta anterior.
- iii) La capacidad de producción mundial de papel y cartón aumentó en 6,6 millones de toneladas en 1984, es decir, en un 3 por ciento, frente a un incremento del 0,7 por ciento en 1983. Se prevé que la capacidad aumentará en 15 millones de toneladas en el período comprendido entre 1984 y 1989, pasando de 212 millones a 227 millones de toneladas, y la tasa media de crecimiento del 1,4 por ciento es inferior a la pronosticada en la encuesta anterior.
- iv) En 1984 se observa una reducción neta ulterior, de 0,4 millones de toneladas en la capacidad de producción de pasta mecánica, que desciende a 25,7 millones de toneladas. Se prevén pequeñas disminuciones ulteriores.
- v) La pasta termomecánica aumentó nuevamente en 1,2 millones de toneladas, a 10,6 millones. Se prevé que la capacidad crecerá en 2,9 millones de toneladas, en consonancia con la encuesta del año pasado.
- vi) El incremento neto de la capacidad de producción de pasta química fue en 1984 de 2,8 millones de toneladas, frente a un aumento previsto de 2,0 millones. Varios países comunicaron aumentos algo mayores que los pronosticados. El aumento proyectado de 5 millones de toneladas hasta 1989 elevará la capacidad de 101,4 a 106,7 millones de toneladas.
- vii) Han variado sustancialmente las estimaciones relativas a la capacidad de producción de pasta de otras fibras a causa de la revisión de los datos relativos a China. La capacidad estimada en 1984 es de 9,6 millones de toneladas, es decir, un 6 por ciento de la capacidad total de pasta para papel. De esa cantidad, 7,7 millones corresponden a los países en desarrollo, inclusive China, donde la pasta de fibras distintas de la madera representa el 43 por ciento de toda la destinada a fabricar papel. El aumento previsto durante todo el período hasta 1989 es de 1 millón de toneladas, que representa un tasa anual de aumento del 1,9 por ciento. Casi todo este crecimiento corresponde a los países en desarrollo.
- viii) Los aumentos de la capacidad de producción de los principales tipos de papel y cartón comunicados en 1984 fueron ligeramente mayores que los previstos en 1983; el papel de periódico aumentó en 0,5 millones de toneladas a 31,2 millones; el papel de imprenta y de escribir en 3,5 millones de toneladas a 54,8 millones, y otros tipos de papel y cartón en 2,6 millones de toneladas, a 126,4 millones. El aumento previsto de estas tres clases de productos durante todo el período abarcado por la encuesta es el siguiente: papel de periódico, 2,1 millones de toneladas con una tasa de crecimiento anual del 1,3 por ciento; papel de imprenta y de escribir, 7 millones de toneladas, con una tasa anual de crecimiento del 2,4 por ciento, y otros tipos de papel y cartón, 5,9 millones de toneladas con una tasa de crecimiento del 0,9 por ciento, es decir, cifras todas inferiores a las de la encuesta anterior, salvo en el caso del papel de imprenta y de escribir.
- (ix) La relación aparente entre pasta para papel y papel es de 73,9 por ciento en 1984, y disminuye a 73,2 por ciento en 1989.

La evolución mundial de la capacidad se ilustra en las Figuras 1 a 11.

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

En la presente encuesta se calcula que la capacidad mundial de producción de pasta para papel es de 157 millones de toneladas en 1984, un aumento de 3,8 millones respecto del volumen estimado para 1983. Durante el período abarcado por la encuesta se prevé que esa capacidad aumentará en 8,6 millones de toneladas, hasta la cifra de 166,4 millones de toneladas en 1989. La capacidad de fabricación de papel y cartón en 1984 se calcula en 212,5 millones de toneladas, un aumento de 6,6 millones respecto a 1983, que es algo mayor que lo previsto. Se prevé que para 1989 habrá aumentado en 14,8 millones de toneladas a 227,3 millones. El crecimiento de la capacidad se muestra en el Cuadro 1.

La capacidad total de producción de pasta para papel fue en 1984 análogo a la prevista en la encuesta anterior. En comparación con esa encuesta, el crecimiento proyectado durante un quinquenio registrará una tasa más baja. También se calcula que el aumento de la capacidad de producción de papel tendrá lugar a una tasa más baja que la estimada en la encuesta anterior.

Un examen de los aumentos anuales proyectados en la presente encuesta y en otras anteriores indica que cabe esperar una subestimación del incremento quinquenal efectivo de la tasa de crecimiento correspondiente a ese período. La expansión disminuye en los dos últimos años de la encuesta, debido en parte a la carencia de estimaciones firmes respecto de una parte de las expansiones y contracciones que pueden tener lugar en esos años. En cambio, en las estimaciones hechas en encuestas anteriores acerca de años ya terminados se ha solido a sobreestimar el desarrollo de la capacidad. Cabe señalar, por ejemplo, que las estimaciones relativas a los Estados Unidos de América para 1988 y 1989 se basan en el cálculo hecho al final de año para 1987.

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

El aumento neto estimado de la capacidad de producción de pasta para papel es el resultado global de una disminución de la capacidad de pasta mecánica de 0,3 millones de toneladas, y de incrementos de 2,8 millones de toneladas en la de pasta termomecánica, de 0,4 millones de toneladas en la de semiquímica y de 5,2 millones de toneladas en la de química. El crecimiento de la capacidad de producción de pasta de otras fibras se calcula en 1,0 millones de toneladas.

De la capacidad total mundial de producción de pasta para papel, corresponde a las economías desarrolladas de mercado un 78 por ciento, a las economías centralmente planificadas un 14 por ciento y a las economías en desarrollo de mercado un 8 por ciento. Según las estimaciones de la encuesta, este último porcentaje aumentará al 9 por ciento para 1989.

Pasta comercial

La capacidad de producción mundial de pasta comercial en 1984 se calculó en 31 millones de toneladas, con indicios de un aumento del 3 por ciento, a 32 millones de toneladas, en 1987. Se estimó que se registraría una pequeña disminución ulterior en Finlandia, compensada por aumentos en el caso de Suecia y Noruega. La distribución regional fue la siguiente: 13,2 millones de toneladas en América del Norte, 6,4 millones en los países nórdicos, 3,2 millones en el resto de Europa, 2,0 millones en la U.R.S.S., 2,3 millones en América Latina, 1,0 millones en Oceanía y 0,6 millones de toneladas en los países en desarrollo de África.

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

La adición prevista de 8,8 millones de toneladas a la capacidad de producción de 1984, que fue de 147,5 millones de toneladas, hará que el total mundial ascienda a 156 millones de toneladas en 1989. El aumento estimado es inferior en 2,3 millones de toneladas al cálculo hecho en la encuesta anterior. De la capacidad de producción de pasta de madera de 1984, el 82 por ciento corresponde a las economías desarrolladas de mercado, el 11 por ciento a los países desarrollados con economía centralmente planificada de Europa oriental y la U.R.S.S. y el 7 por ciento a los países en desarrollo, con inclusión de China. Se calcula que la proporción correspondiente a los países en desarrollo en la cifra total aumentará al 7,6 por ciento en 1989. En 1975 era del 5 por ciento.

Pasta mecánica (1.1 Cuadro 4)

En comparación con la encuesta anterior, la capacidad de producción de pasta mecánica registra una nueva baja. El volumen comunicado para 1984 es inferior en 0,4 millones de toneladas al notificado para 1982. Ello se debe a la reducción del volumen comunicado por las economías desarrolladas de mercado. Las principales reducciones corresponden al Canadá y a los Estados Unidos en América del Norte (0,3 millones), así como a Suecia y el Japón. Se prevé una disminución ulterior hasta 1989 de 0,3 millones de toneladas. La materia prima para casi toda la producción proviene de coníferas.

Pasta termomecánica (1.2 Cuadro 5)

El mayor crecimiento en el sector de la pasta sigue correspondiendo a la termomecánica. La expansión de la capacidad entre 1983 y 1984 fue de 1,2 millones de toneladas, y el aumento previsto hasta 1989 es de 2,8 millones. En 1984, el 96 por ciento de la capacidad mundial de producción correspondió a las economías desarrolladas de mercado, y el 54 por ciento a América del Norte. El Canadá y Estados Unidos de América registraron más de la mitad del crecimiento estimado de la capacidad mundial de pasta termomecánica. Prácticamente todo el volumen de producción cuya materia prima se conoce se obtiene de madera de coníferas (cabe señalar que, en el caso de Noruega, la pasta termomecánica está incluida en la mecánica).

Pasta semiquímica de madera (1.3 Cuadro 6)

Entre 1983 y 1984 se calcula que se produjo una disminución del 1 por ciento de la capacidad de pasta semiquímica, correspondiendo toda la reducción a las economías desarrolladas de mercado. La capacidad mundial se establece en esta encuesta en 9,5 millones de toneladas, y se estima que aumentará en 0,4 millones para 1989. El 95 por ciento de la capacidad de producción cuya especie de origen se identifica procede de plantas no coníferas.

Pasta química de madera (1.4 Cuadro 7)

La capacidad total de pasta química de madera para papel se calcula en 101,4 millones de toneladas. Se estima que el crecimiento hasta 1989 será inferior en 5,2 millones de toneladas a la cifra de la encuesta anterior. La pasta química constituye el 64 por ciento de la pasta total para papel en 1984. Se prevé que este porcentaje se mantendrá hasta 1989.

La distribución de la capacidad total de pasta química en 1982 es la siguiente: sulfito sin blanquear, 7 por ciento; sulfito blanqueada, 5 por ciento; sulfato sin blanquear, 38 por ciento; 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 26 millones de toneladas - es decir, el 28 por ciento de la capacidad de producción atribuida - de las cuales 22,1 millones son de pasta al sulfato blanqueada (43 por ciento de ese tipo), 2,7 millones de pasta al sulfato sin blanquear y 1 millón de sulfito blanqueada.

Otras pastas de fibras (2. Cuadro 8)

La capacidad estimada de producción de pasta de otras fibras es de 9,6 millones de toneladas. El 80 por ciento de esta capacidad corresponde a los países en desarrollo y representa un 44 por ciento de su capacidad de producción de pasta para papel en 1984. El crecimiento estimado hasta 1989 es de 0,9 millones de toneladas, casi en su totalidad en los países en desarrollo, por lo que la pasta de otras fibras representa un 40 por ciento de la capacidad de producción de pasta de estos países. Se trata probablemente de una subestimación del crecimiento a causa de la falta de estimaciones actualizadas en el caso de varios importantes productores.

Se conoce el tipo de materia prima utilizada para el 90 por ciento de la capacidad; un 38 por ciento corresponde a la paja, un 20 por ciento al bagazo, un 10 por ciento al bambú y el resto a otras fibras. En América Latina predomina el bagazo, en las economías en desarrollo de mercado de Asia el bambú es la materia más importante, y en China dos terceras partes de esta pasta se fabrican con paja.

Pasta soluble (3.)

El volumen total de 6,1 millones de toneladas representa el 4 por ciento de la producción mundial de pasta, y su crecimiento previsto es negativo, descendiendo a 5,4 millones de toneladas en 1989. Más del 80 por ciento se produce como pasta comercial. El 30 por ciento procede de materias primas de plantas no coníferas y 25 por ciento de coníferas. En relación con el resto no se especifica la materia prima.

Papel y cartón (4. Cuadro 9)

La capacidad total mundial de papel y cartón fue en 1984 de 212,5 millones de toneladas, o sea, un aumento de 6,6 millones o del 3 por ciento respecto de 1983. El crecimiento estimado hasta 1989 es de 15 millones de toneladas, a un total de 227,3 millones. Este aumento es menor que el previsto para el período de 1983-88. Un 78 por ciento de la capacidad mundial en 1983 correspondió a las economías desarrolladas de mercado, un 9 por ciento a las economías en desarrollo de mercado y un 13 por ciento a las economías centralmente planificadas.

Papel prensa (4.1 Cuadro 10)

La capacidad de producción mundial de papel de periódico, de 31,2 millones de toneladas representa el 15 por ciento de la capacidad mundial de papel y cartón. El aumento respecto de 1983 fue de 0,5 millones de toneladas, cifra acorde con las previsiones de la encuesta de 1983, salvo en el caso del Reino Unido, que se registró una baja en lugar del aumento pronosticado. Se señala un incremento de la capacidad de algunos países en desarrollo. El crecimiento estimado en 2,1 millones de toneladas es inferior al previsto en la encuesta de 1983. Un 40 por ciento corresponde a los países en desarrollo.

Otros papeles de escritura e impresión (4.2 Cuadro 11)

La capacidad de producción mundial de otros papeles de imprenta y de escribir fue de 54,8 millones de toneladas en 1984, es decir, un aumento de 3,5 millones respecto de 1983, en comparación el incremento de 2 millones de toneladas previsto en la encuesta de 1983. El mayor crecimiento se debe sobre todo al registrado en los Estados Unidos de América, que fue casi 1 millón de toneladas superior al previsto en 1983.

El crecimiento estimado hasta 1989 es de 7 millones de toneladas, a un total de 61,7 millones.

Otros papeles y cartones

La capacidad de producción mundial total en 1984 es de 126,4 millones de toneladas, es decir, un aumento de 2,6 millones en relación con 1983, mientras que el aumento proyectado en la encuesta de 1983 era de 3 millones de toneladas. Se calcula nuevamente que el crecimiento durante el quinquenio hasta 1989 será de casi 6 millones de toneladas, a 132,3 millones. El rubro "otros papeles y cartones" incluye los siguientes productos principales:

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

Los principales tipos de papel para envolver y de embalaje (porcentaje entre paréntesis):

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

Aunque en el caso de las economías en desarrollo de mercado se mantienen los porcentajes generales, el correspondiente al papel y cartón kraft es sólo del 18 por ciento, frente al 38 por ciento en el total mundial.

Relación entre la capacidad de producción 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 figuran la estimación de la capacidad total de producción en el primer año de cada encuesta y el aumento calculado durante todo el período. Cabe señalar que los datos publicados en las encuestas de 1980, 1981 y 1982 se revisaron posteriormente para incluir los datos enviados por algunos países, que se recibieron demasiado tarde para su inclusión. Las cifras de 1982 y 1983 tienen en cuenta la revisión de los datos correspondientes a China. Con la excepción de la estimación hecha en la encuesta de 1970 acerca del aumento de la capacidad de producción de papel, en las estimaciones referentes a los períodos concluidos durante el decenio de 1970 se ha solidado sobrevalorar de forma considerable la expansión real. La estimación de 1970 del aumento de la producción de pasta fue de 29 millones de toneladas, frente a un crecimiento efectivo de 22,7 millones, y la de 1978 en relación con 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 tener en cuenta los datos correspondientes a China, de 12,5 y 21,2 millones de toneladas. También es necesario tomar en consideración este ajuste al interpretar la comparación entre el crecimiento previsto y el real durante el período 1979-84. Cabe señalar que, para los períodos que figuran en el Cuadro 13, tanto el crecimiento real como las estimaciones correspondientes muestran una tendencia descendente.

Cuadro 1 : Capacidad mundial de producción de pasta papel y cartón, 1974-89

	Capacidad total				Incremento anual medio		
	millones de toneladas métricas				porcentaje		
	1974	1979	1984	1989	1974-79	1979-84	1984-89
Total de pastas de madera para papel	123.8	137.0	147.5	155.9	2.1	1.5	1.1
Mecánica (a)	30.0	33.0	36.3	38.9	2.0	1.9	1.4
Semiquímica (b)	10.2	10.5	9.5	10.0	0.5	-2.0	0.9
Química	83.6	93.5	101.4	106.7	2.3	1.6	1.0
Otra pasta de fibra	8.4	11.0	9.6	10.5	5.7	-2.8	1.9
Pasta soluble	6.0	6.0	6.1	5.9	-0.1	0.2	-0.5
Total papel y cartón	167.0	192.2	212.5	227.3	2.8	2.0	1.4
Papel para periódicos	24.5	27.2	31.2	33.3	2.2	2.8	1.3
Papel de escritura y impresión	37.2	44.8	54.8	61.7	3.8	4.1	2.4
Otras papeles y cartones	105.4	120.1	126.4	132.3	2.7	1.0	0.9

- (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, 1984-89

	Incrementos anuales				
	porcentaje				
	1984-5	1985-6	1986-7	1987-8	1988-9
Total de pasta de madera para papel	1.6	1.5	1.5	0.8	0.2
Mecánica (a)	1.3	2.9	1.7	0.9	0.1
Semiquímica (b)	1.8	0.9	1.1	0.3	0.5
Química	1.6	1.0	1.4	0.8	0.2
Otra pasta de fibra	4.8	3.2	1.4	-	-
Pasta soluble	-0.1	-2.7	0.4	-0.1	-
Total de papel y cartón	2.1	1.1	1.9	1.2	0.4
papel para periódicos	1.6	0.8	1.3	2.5	0.3
Papel de escritura y impresión	3.8	2.1	4.0	1.6	0.4
Otros papeles y cartones	1.5	0.7	1.1	0.8	0.4

- (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, 1979-89

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mundial	137 049	147 452	155 926	10 403	8 474	1.5	1.1	
Econ. merc. desarrolladas	114 148	121 072	127 584	6 924	6 512	1.2	1.1	
América del Norte	68 012	73 954	77 287	5 942	3 333	1.7	0.9	
Japón	12 377	12 066	12 611	-311	545	-0.5	0.9	
Europa occidental	30 850	31 399	33 275	549	1 876	0.4	1.2	
Oceanía	2 186	2 630	2 798	444	168	3.8	1.2	
Otras	723	1 023	1 613	300	590	7.2	9.5	
Econ. merc. en desarrollo	6 517	8 736	10 543	2 219	1 807	6.0	3.8	
Africa	377	777	818	400	41	15.6	1.0	
América Latina	4 934	5 962	7 342	1 028	1 380	3.9	4.3	
Asia	1 206	1 997	2 383	791	386	10.6	3.6	
Econ. centralmente planif.	16 384	17 644	17 799	1 260	155	1.5	0.2	
Asia	2 561	1 202	1 282	-1 359	80	-14.0	1.3	
Europa oriental	3 773	4 392	4 467	619	75	3.1	0.3	
URSS	10 050	12 050	12 050	2 000	-	3.7	-	

Cuadro 4 : Aumentos de la capacidad de producción de pasta mecánica^{1/} de madera para papel, 1979-89

	Capacidad			Aumento total		Aumento anual medio		
	millares de toneladas métricas						porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89	
Total mundial	29 155	25 675	25 361	-3 480	-314	-2.5	-0.2	
Econ. merc. desarrolladas	24 051	20 781	20 262	-3 270	-519	-2.9	-0.5	
América del Norte	12 192	9 986	9 854	-2 206	-132	-3.9	-0.3	
Japón	1 528	1 494	1 471	-34	-23	-0.4	-0.3	
Europa occidental	9 325	8 325	7 960	-1 000	-365	-2.2	-0.9	
Oceanía	745	751	752	6	1	0.2	-	
Otras	261	225	225	-36	-	-2.9	-	
Econ. merc. en desarrollo	955	1 259	1 417	304	158	5.7	2.4	
Africa	27	37	48	10	11	6.5	5.3	
América Latina	515	701	813	186	112	6.4	3.0	
Asia	413	521	556	108	35	4.8	1.3	
Econ. centralmente planif.	4 149	3 635	3 682	-514	47	-2.6	0.3	
Asia	942	328	350	-614	22	-19.0	1.3	
Europa oriental	957	947	972	-10	25	-0.2	0.5	
URSS	2 250	2 360	2 360	110	-	1.0	-	

^{1/} Se excluyen pasta termomecánica

Cuadro 5 : Aumentos de la capacidad de pasta termomecánica, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	3 872	10 616	13 517	6 744	2 901	22.4	5.0
Econ. merc. desarrolladas	3 837	10 199	12 929	6 362	2 730	21.6	4.9
América del Norte	1 508	5 761	6 800	4 253	1 039	30.7	3.4
Japón	807	1 062	1 180	255	118	5.6	2.1
Europa occidental	1 398	2 901	4 427	1 503	1 526	15.7	8.8
Oceanía	124	325	372	201	47	21.3	2.7
Otras	-	150	150	150	-	-	-
Econ. merc. en desarrollo	35	242	386	207	144	47.2	9.8
Africa	-	-	-	-	-	-	-
América Latina	-	55	151	55	96	-	22.4
Asia	35	187	235	152	48	39.8	4.7
Econ. centralmente planif.	-	175	202	175	27	-	2.9
Asia	-	35	62	35	27	-	12.1
Europa oriental	-	-	-	-	-	-	-
URSS	-	140	140	140	-	-	-

Cuadro 6 : Aumentos de la capacidad de producción de pasta semiquímica para papel, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	10 523	9 535	9 971	-988	436	-2.0	0.9
Econ. merc. desarrolladas	8 914	7 681	7 873	-1 233	192	-2.9	0.5
América del Norte	4 647	4 617	4 701	-30	84	-0.1	0.4
Japón	1 919	1 336	1 307	-583	-29	-7.0	-0.4
Europa occidental	1 793	1 152	1 283	-641	131	-8.5	2.2
Oceanía	393	411	417	18	6	0.9	0.3
Otras	162	165	165	3	-	0.4	-
Econ. merc. en desarrollo	592	587	773	-5	186	-0.2	5.7
Africa	10	41	41	31	-	32.6	-
América Latina	488	363	398	-125	35	-5.7	1.9
Asia	94	183	334	89	151	14.3	12.8
Econ. centralmente planif.	1 017	1 267	1 325	250	58	4.5	0.9
Asia	-	-	-	-	-	-	-
Europa oriental	417	417	475	-	58	-	2.6
URSS	600	850	850	250	-	7.2	-

Cuadro 7 : Aumentos de la capacidad de pasta química de madera para papel, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	93 509	101 428	106 691	7 919	5 263	1.6	1.0
Econ. merc. desarrolladas	77 356	82 215	86 144	4 859	3 929	1.2	0.9
América del Norte	49 665	53 590	55 932	3 925	2 342	1.5	0.9
Japón	8 123	8 174	8 653	51	479	0.1	1.1
Europa occidental	18 334	18 825	19 229	491	404	0.5	0.4
Oceanía	934	1 143	1 257	209	114	4.1	1.9
Otras	300	483	1 073	183	590	10.0	17.3
Econ. merc. en desarrollo	4 935	6 646	7 957	1 711	1 311	6.1	3.7
Africa	340	699	729	359	30	15.5	0.8
América Latina	3 931	4 841	5 978	910	1 137	4.3	4.3
Asia	664	1 106	1 250	442	144	10.7	2.5
Econ. centralmente planif.	11 218	12 567	12 590	1 349	23	2.3	-
Asia	1 619	839	870	-780	31	-12.3	0.7
Europa oriental	2 399	3 028	3 020	629	-8	4.8	-0.1
URSS	7 200	8 700	8 700	1 500	-	3.9	-

Cuadro 8 : Aumentos de capacidad de pastas de otra fibra para papel, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	11 018	9 570	10 499	-1 448	929	- 2.8	1.9
Econ. merc. desarrolladas	1 753	989	1 046	-764	57	-10.8	1.1
América del Norte	715	342	375	-373	33	-13.7	1.9
Japón	4	4	4	-	-	-	-
Europa occidental	917	531	554	-386	23	-10.4	0.9
Oceanía	7	10	11	3	1	7.4	1.9
Otras	110	102	102	-8	-	-1.5	-
Econ. merc. en desarrollo	3 189	4 310	4 989	1 121	679	6.2	3.0
Africa	191	220	220	29	-	2.9	-
América Latina	1 221	1 559	1 726	338	167	5.0	2.1
Asia	1 777	2 531	3 043	754	512	7.3	3.8
Econ. centralmente planif.	6 076	4 271	4 464	-1 805	193	-6.8	0.9
Asia	5 318	3 385	3 569	-1 933	184	-8.6	1.1
Europa oriental	258	261	270	3	9	0.2	0.7
URSS	500	625	625	125	-	4.6	-

Cuadro 9 : Aumento de la capacidad total de papel y cartón, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	192 169	212 467	227 341	20 298	14 874	2.0	1.4
Econ. merc. desarrolladas	150 701	165 729	176 746	15 028	11 017	1.9	1.3
América del Norte	75 340	82 835	87 224	7 495	4 389	1.9	1.0
Japón	21 453	23 495	25 565	2 042	2 070	1.8	1.7
Europa occidental	50 353	54 729	58 506	4 376	3 777	1.7	1.3
Oceanía	2 300	2 894	3 177	594	283	4.7	1.9
Otras	1 255	1 776	2 274	521	498	7.2	5.1
Econ. merc. en desarrollo	15 025	20 151	23 371	5 126	3 220	6.0	3.0
Africa	720	1 020	1 145	300	125	7.2	2.3
América Latina	8 601	11 183	12 991	2 582	1 808	5.4	3.0
Asia	5 704	7 948	9 235	2 244	1 287	6.9	3.0
Econ. centralmente planif.	26 443	26 587	27 224	144	637	0.1	0.5
Asia	8 955	6 040	6 284	-2 915	244	-7.6	0.8
Europa oriental	5 988	6 547	6 940	559	393	1.8	1.2
URSS	11 500	14 000	14 000	2 500	-	4.0	-

Cuadro 10 : Aumento de la capacidad de papel para periódicos, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	27 215	31 234	33 306	4 019	2 072	2.8	1.3
Econ. merc. desarrolladas	22 725	26 467	27 655	3 742	1 188	3.1	0.9
América del Norte	12 748	15 124	15 358	2 376	234	3.5	0.3
Japón	2 707	2 829	3 175	122	346	0.9	2.3
Europa occidental	6 491	7 393	7 801	902	408	2.6	1.1
Oceanía	543	695	875	152	180	5.1	4.7
Otras	236	426	446	190	20	12.5	0.9
Econ. merc. en desarrollo	1 372	1 919	2 710	547	791	6.9	7.1
Africa	24	19	28	-5	9	-4.6	8.1
América Latina	707	948	1 282	241	334	6.0	6.2
Asia	641	952	1 400	311	448	8.2	8.0
Econ. centralmente planif.	3 118	2 848	2 941	-270	93	-1.8	0.6
Asia	950	430	491	-520	61	-14.7	2.7
Europa oriental	468	468	500	0	32	-	1.3
URSS	1 700	1 950	1 950	250	-	2.8	-

Cuadro 11 : Aumento de capacidad de otro papel de escritura y impresión, 1979-89

	Capacidad			Aumento total		Aumento anual medio	
	millares de toneladas métricas					porcentaje	
	1979	1984	1989	1979-84	1984-89	1979-84	1984-89
Total mundial	44 848	54 806	61 654	9 958	6 848	4.1	2.4
Econ. merc. desarrolladas	36 222	44 937	50 670	8 715	5 733	4.4	2.4
América del Norte	15 662	19 676	22 371	4 014	2 695	4.7	2.6
Japón	4 405	6 112	7 105	1 707	993	6.8	3.1
Europa occidental	15 665	18 451	20 432	2 786	1 981	3.3	2.1
Oceanía	274	341	405	67	64	4.5	3.5
Otras	216	357	357	141	-	10.6	-
Econ. merc. en desarrollo	3 626	4 956	5 825	1 330	869	6.4	3.3
Africa	228	254	333	26	79	2.2	5.6
América Latina	1 688	2 468	2 866	780	398	7.9	3.0
Asia	1 710	2 234	2 626	524	392	5.5	3.3
Econ. centralmente planif.	5 000	4 913	5 159	-87	246	-0.4	1.0
Asia	2 417	1 940	2 002	-477	62	-4.3	0.6
Europa oriental	1 133	1 273	1 457	140	184	2.4	2.7
URSS	1 450	1 700	1 700	250	-	3.2	-

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	73.9
1985	73.7
1986	74.1
1987	73.7
1988	73.4
1989	73.2

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
1984-89	157.0	212.5	9.4	14.8

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

	millares de toneladas métricas				
	Encuesta	Encuesta	Encuesta	Encuesta	Encuesta
	1980-85	1981-86	1982-87	1983-88	1984-89
Total pasta de madera	16 159	14 516	11 386	10 766	8 474
Mecánica (a)	6 108	5 235	3 423	3 044	2 587
Semiquímica (b)	884	1 047	609	440	436
Química	9 229	8 272	7 352	7 139	5 263
Otra pasta de fibra	1 764	1 415	1 968	1 430	929
Pasta soluble	362	385	379	207	-148
Total papel y cartón	26 039	24 145	18 998	18 176	14 874
Papel para periódicos	5 898	4 918	3 971	2 751	2 072
Otra de escritura y impresión	8 492	7 866	6 090	6 123	6 848
- de envolver y empaquetar	11 826	11 379	8 905	9 272	5 911

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

PROCESS-TOTAL WOODPULP, PAPER GRADES

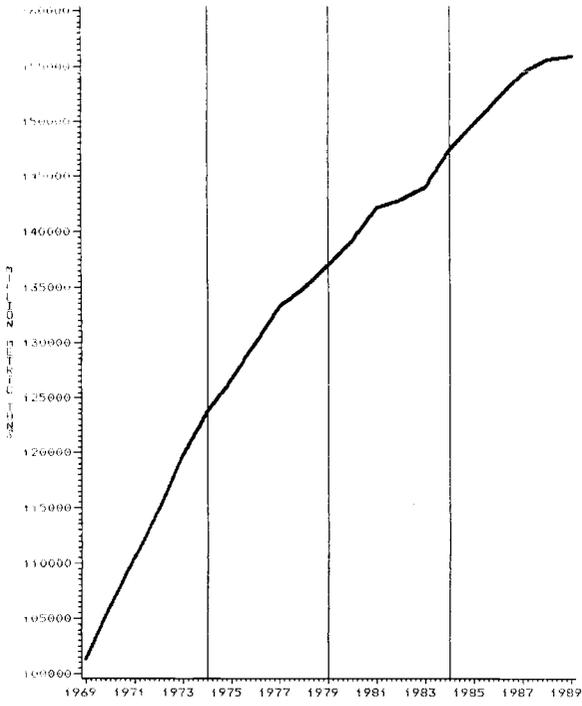


FIG.1

PROCESS-SEMI-CHEMICAL (B)

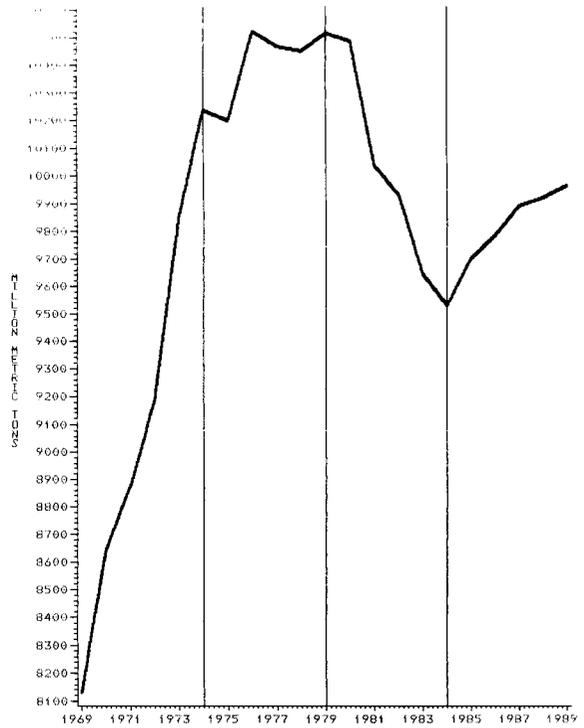


FIG.3

PROCESS-MECHANICAL (A)

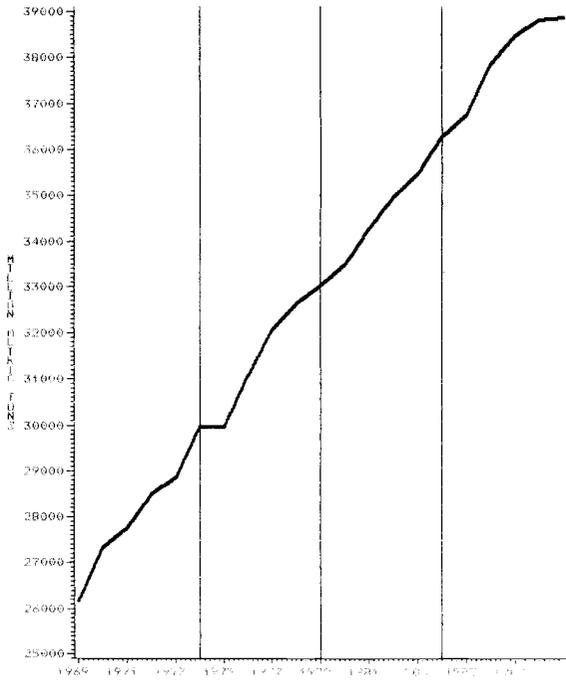


FIG.2

PROCESS-CHEMICAL

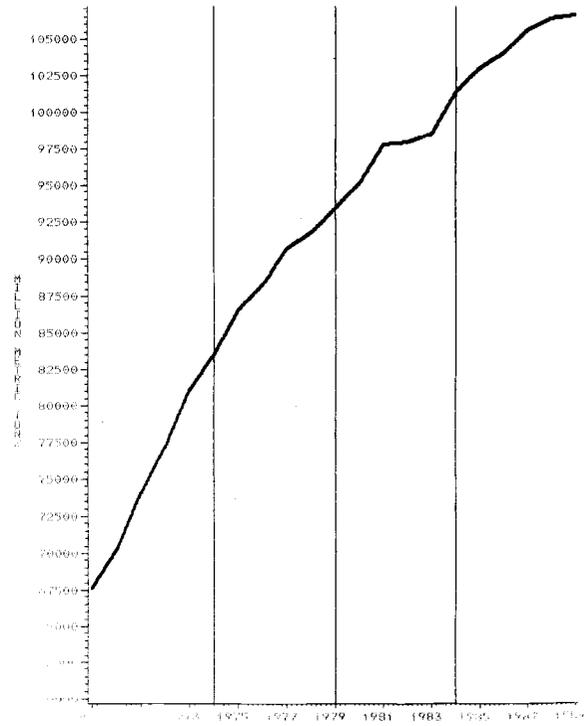


FIG.4

PROCESS-OTHER FIBRE PULP

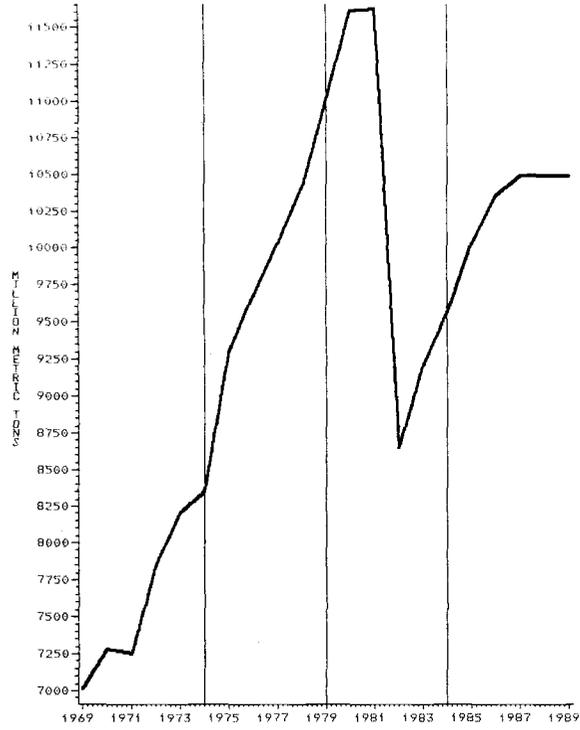


FIG. 5

PROCESS-DISSOLVING PULP

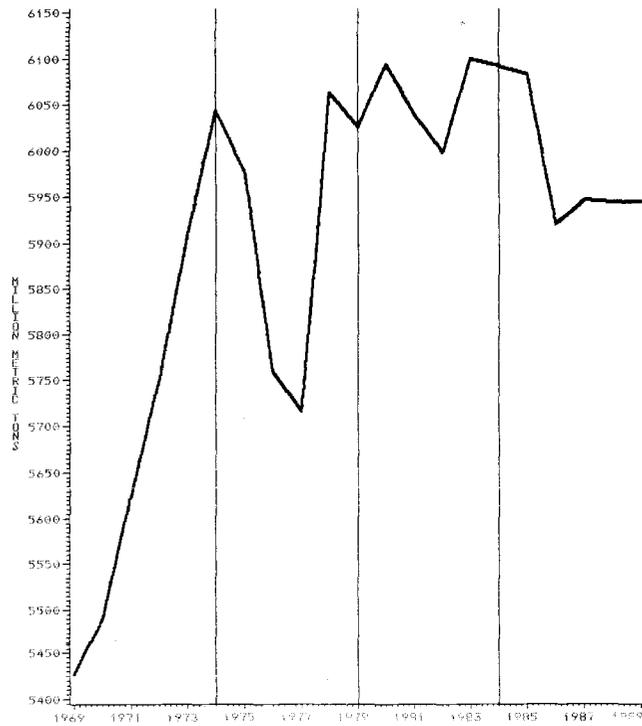


FIG. 6

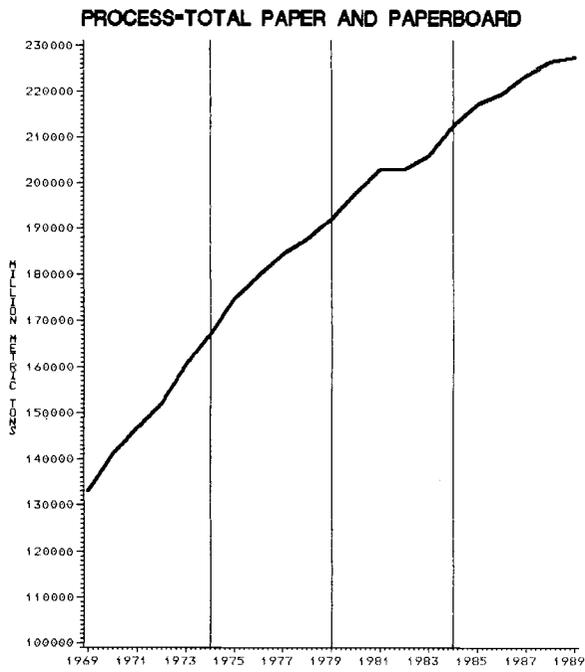


FIG. 7

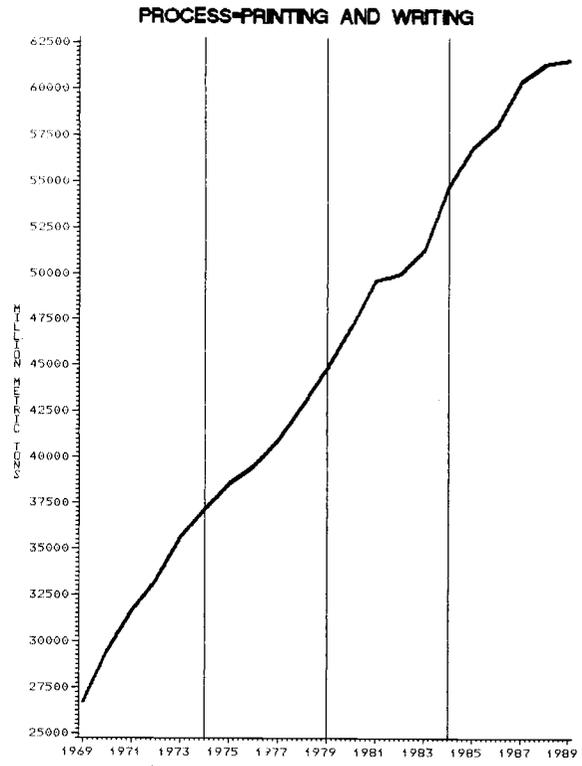


FIG. 9

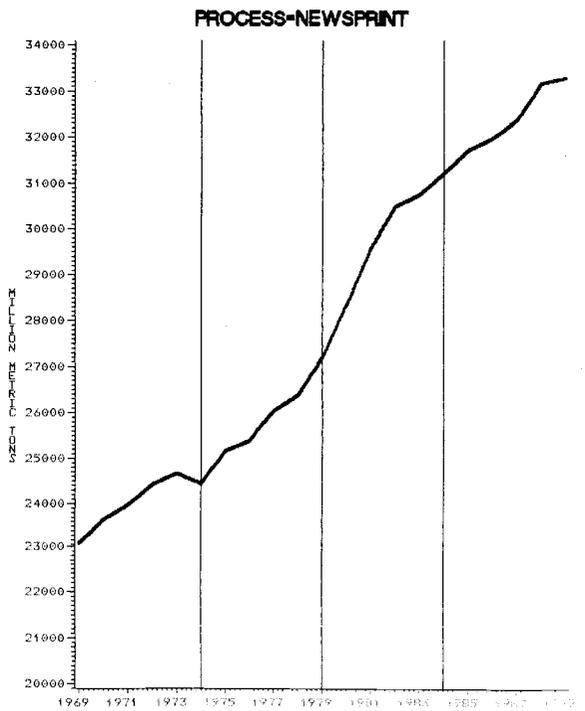


FIG. 8

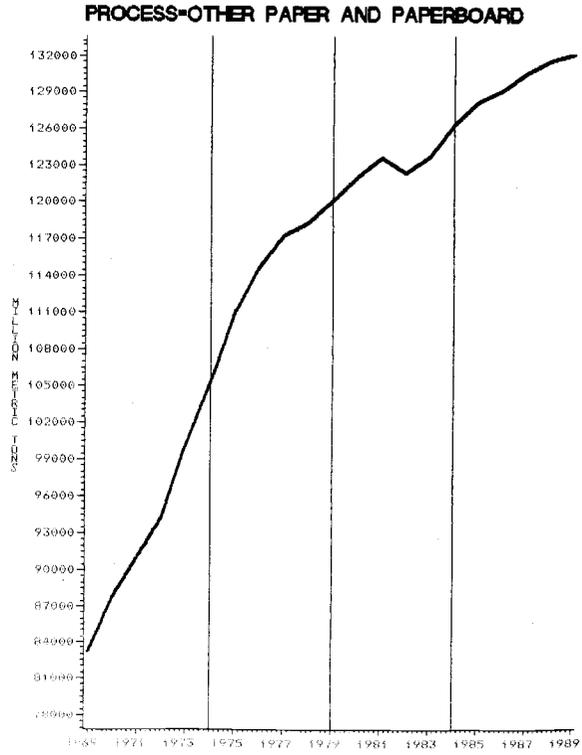


FIG. 10

PULP AND PAPER CAPACITY RATIOS

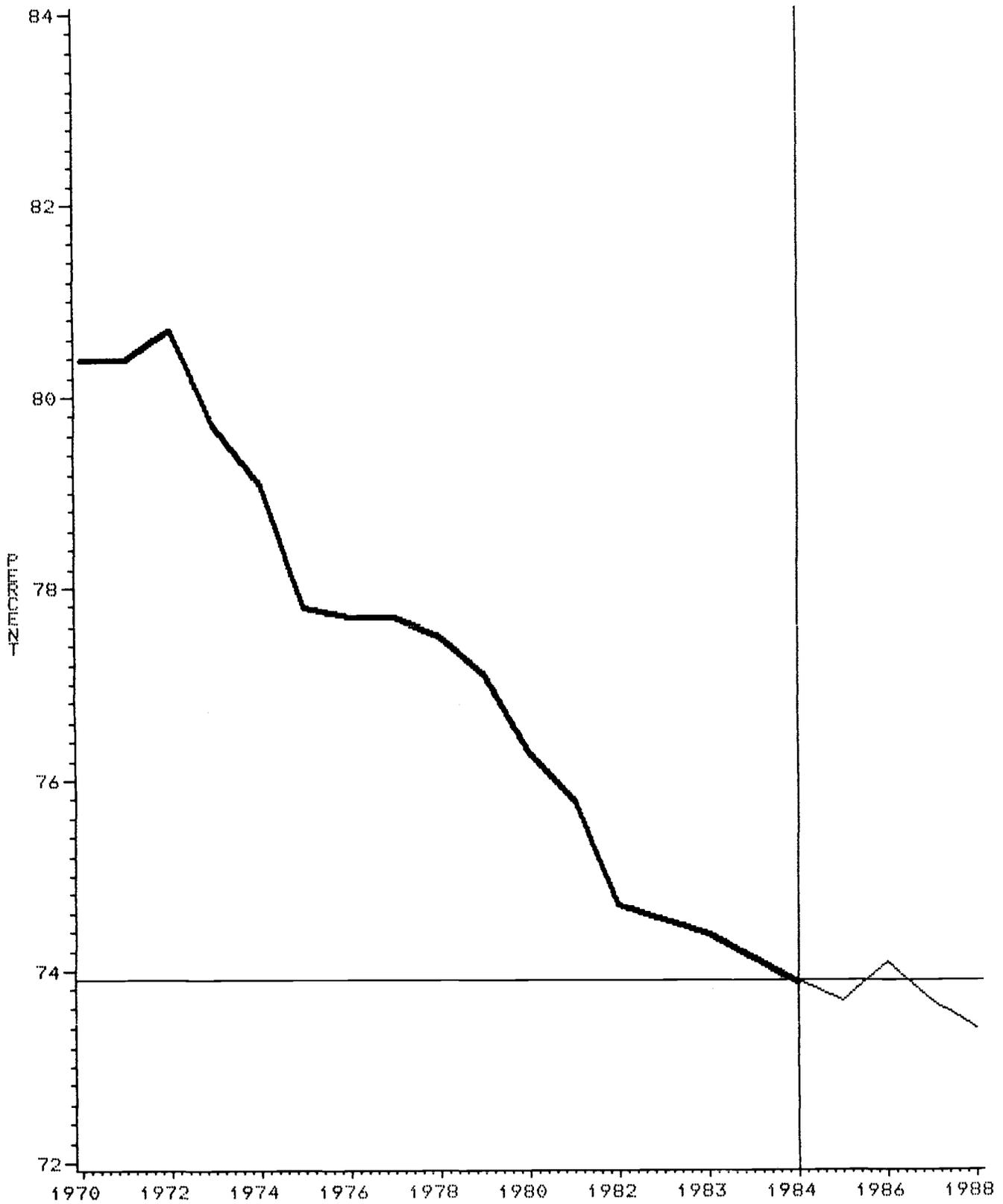


FIG.11

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

ANGOLA

PROCESS	1984		1985		1986		1987		1988		1989
	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
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD										
1.1	44	32	44	32	44	32	44	32	44	32	44
1.11	0	0	0	0	0	0	0	0	0	0	0
1.12	0	0	0	0	0	0	0	0	0	0	0
1.2	0	0	0	0	0	0	0	0	0	0	0
1.21	0	0	0	0	0	0	0	0	0	0	0
1.22	0	0	0	0	0	0	0	0	0	0	0
1.3	0	0	0	0	0	0	0	0	0	0	0
1.31	0	0	0	0	0	0	0	0	0	0	0
1.32	0	0	0	0	0	0	0	0	0	0	0
1.4	44	32	44	32	44	32	44	32	44	32	44
1.41	0	0	0	0	0	0	0	0	0	0	0
1.411	0	0	0	0	0	0	0	0	0	0	0
1.412	0	0	0	0	0	0	0	0	0	0	0
1.42	0	0	0	0	0	0	0	0	0	0	0
1.421	0	0	0	0	0	0	0	0	0	0	0
1.422	0	0	0	0	0	0	0	0	0	0	0
1.43	7	0	7	0	7	0	7	0	7	0	7
1.431	7	0	7	0	7	0	7	0	7	0	7
1.432	0	0	0	0	0	0	0	0	0	0	0
1.44	37	32	37	32	37	32	37	32	37	32	37
1.441	37	32	37	32	37	32	37	32	37	32	37
1.442	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD										
2.1	0	0	0	0	0	0	0	0	0	0	0
2.2	0	0	0	0	0	0	0	0	0	0	0
2.3	0	0	0	0	0	0	0	0	0	0	0
2.4	0	0	0	0	0	0	0	0	0	0	0
3	DISSOLVING PULP, WOOD*OTHER L&W MATERIALS										
3.1	0	0	0	0	0	0	0	0	0	0	0
3.2	0	0	0	0	0	0	0	0	0	0	0

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											

4	PAPER AND PAPERBOARD										
4.1	NEWSPRINT										
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										
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.										

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

EGYPT

PROCESS	1984		1985		1986		1987		1988	1989
	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 (A1E DFY) PER YEAR										
1	WOOL 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	85	18	85	18	85	18	85	18	85
2.1	PULP OF STRAW	67	0	67	0	67	0	67	0	67
2.2	PULP OF BAGASSE	18	18	18	18	18	18	18	18	18
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

	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	205	241	241	241	271	271			
4.1	NEWSPRINT	0	0	0	0	0	0			
4.2	OTHER PRINTING AND WRITING PAPER	77	112	112	112	142	142			
4.21	COATED PRINTING AND WRITING PAPER	8	10	10	10	10	10			
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER	8	10	10	10	10	10			
4.22	UNCOATED PRINTING AND WRITING PAPER	69	102	102	102	132	132			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	69	102	102	102	132	132			
4.3	OTHER PAPER AND PAPERBOARD	128	129	129	129	129	129			
4.31	HOUSEHOLD AND SANITARY PAPER	4	5	5	5	5	5			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	96	96	96	96	96	96			
4.321	LINERBOARD	10	10	10	10	10	10			
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	10	10	10	10	10	10			
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	8	8	8	8	8	8			
4.3231	SACK KRAFT	4	4	4	4	4	4			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	4	4	4	4	4	4			
4.324	FOLDING BOXBOARD	27	27	27	27	27	27			
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	27	27	27	27	27	27			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	46	46	46	46	46	46			
4.3251	OTHER WRAPPING PAPER	33	33	33	33	33	33			
4.3252	OTHER PACKAGING PAPERBOARD	13	13	13	13	13	13			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	28	28	28	28	28	28			
4.331	OTHER PAPER N.E.S.	0	0	0	0	0	0			
4.332	OTHER PAPERBOARD N.E.S.	28	28	28	28	28	28			

ETHIOPIA

PROCESS	1984		1985		1986		1987		1988	1989
	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									
1.1	MECHANICAL PULP									
1.11	MECHANICAL NON-CONIFEROUS PULP									
1.12	MECHANICAL CONIFEROUS PULP									
1.2	THERMO-MECHANICAL PULP									
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP									
1.22	THERMO-MECHANICAL CONIFEROUS PULP									
1.3	SEMI-CHEMICAL PULP									
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP									
1.32	SEMI-CHEMICAL CONIFEROUS PULP									
1.4	CHEMICAL PULP TOTAL									
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									
2.1	PULP OF STRAW									
2.2	PULP OF BAGASSE									
2.3	PULP OF BAMBOO									
2.4	PULP OF OTHER FIBRE									
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS									
3.1	NON-CONIFEROUS DISSOLVING PULP									
3.2	CONIFEROUS DISSOLVING PULP									

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD					
4.1	NEWSPRINT					
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					
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.					

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

GABCN

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	TOTAL CAPACITY CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	175	125	175	125	175	125	175	125	175	175
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	175	125	175	125	175	125	175	125	175	175
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	175	125	175	125	175	125	175	125	175	175
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	175	125	175	125	175	125	175	125	175	175
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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	0	0	0	0	0
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	0	0	0	0	0
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	0	0	0	0	0
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.	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

KENYA

PROCESS	1984		1985		1986		1987		1988	1989
	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	60	0	60	0	60	0	60	0	60	60
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	60	0	60	0	60	0	60	0	60	60
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	30	0	30	0	30	0	30	0	30	30
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	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	30
1.44 BLEACHED SULPHATE+SODA PULP	30	0	30	0	30	0	30	0	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	0	30	0	30	0	30	0	30	30

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

	1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4 PAPER AND PAPERBOARD	89	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	59	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	56	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.	26	26	26	26	26	26
4.3251 OTHER WRAPPING PAPER	23	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

MOZAMBIQUE

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL OF CAPA- WHICH CITY MARKET POLP	TOTAL CAPA- CITY	TOTAL CAPA- CITY							
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD POLP FOR PAPER AND PAPERBOARD	0	0	0	0	0	0	0	0	0
1.1	MECHANICAL POLP	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL POLP	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL POLP	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL POLP TOTAL	0	0	0	0	0	0	0	0	0
1.41	UNBLEACHED SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE POLP	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE POLP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE POLP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA POLP	0	0	0	0	0	0	0	0	0
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA POLP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA POLP	0	0	0	0	0	0	0	0	0
2	POLP 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	POLP OF BAMBOO	0	0	0	0	0	0	0	0	0
2.4	POLP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0
3	DISSOLVING POLP, WOOD+OTHER FIBRE MATERIALS	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	8	8	10	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&WRITING PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRITING PAPER	1	1	1	1	1
4.3	OTHER PAPER AND PAPERBOARD	7	7	9	9	9
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	6	6	8	8	8
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	FLOTTING MEDIUM	0	0	0	0	0
4.3221	SEMI-CHEMICAL FLOTTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLOTTING MEDIUM	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	3	3	4	4	4
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	3	3	4	4	4
4.324	FOLDING BOXBOARD	0	0	0	0	0
4.3241	POLP BASED FOLDING BOXBOARD	0	0	0	0	0
4.32411	BLEACHED CHEMICAL POLP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER POLP 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.	2	2	3	3	3
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	2	2	3	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

NIGERIA

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (A16 DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	65	0	65	0	65	0	65	0	65	65
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	25	0	25	0	25	0	25	0	25	25
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	25	0	25	0	25	0	25	0	25	25
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	40	0	40	0	40	0	40	0	40	40
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	40	0	40	0	40	0	40	0	40	40
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	40	0	40	0	40	0	40	0	40	40
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

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD		63	63	63	63	63
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		63	63	63	63	63
4.31	HOUSEHOLD AND SANITARY PAPER		0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD		62	62	62	62	62
4.321	LINERBOARD		26	26	26	26	26
4.3211	KRAFT LINER		26	26	26	26	26
4.32111	UNBLEACHED KRAFT LINER		26	26	26	26	26
4.32112	BLEACHED KRAFT LINER		0	0	0	0	0
4.3212	OTHER LINERBOARD		0	0	0	0	0
4.322	FLUTING MEDIUM		11	11	11	11	11
4.3221	SEMI-CHEMICAL FLUTING MEDIUM		11	11	11	11	11
4.3222	OTHER FLUTING MEDIUM		0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING		20	20	20	20	20
4.3231	SACK KRAFT		12	12	12	12	12
4.3232	OTHER KRAFT WRAPPING AND PACKAGING		8	8	8	8	8
4.324	FOLDING BOXBOARD		5	5	5	5	5
4.3241	PULP BASED FOLDING BOXBOARD		5	5	5	5	5
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD		5	5	5	5	5
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		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

SUDAN

PROCESS	1984		1985		1986		1987		1988	1989
	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 (AIF 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

	1984	1985	1986	1987	1988	1989
	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	8	8	8	8	8	8
4.321 LINEBOARD	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 LINEBOARD	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 BOARD	0	0	0	0	0	0
4.3241 PULP BASED FOLDING BOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOARD	0	0	0	0	0	0
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	8	8	8	8	8	8
4.3251 OTHER WRAPPING PAPER	6	6	6	6	6	6
4.3252 OTHER PACKAGING PAPERBOARD	2	2	2	2	2	2
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	1984		1985		1986		1987		1988		1989	
	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	19	0	38	0	53	0	60	0	60	0	60
1.1	MECHANICAL PULP	7	0	12	0	17	0	18	0	18	0	18
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	7	0	12	0	17	0	18	0	18	0	18
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	12	0	26	0	36	0	42	0	42	0	42
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	6	0	13	0	18	0	21	0	21	0	21
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	6	0	13	0	18	0	21	0	21	0	21
1.44	BLEACHED SULPHATE+SODA PULP	6	0	13	0	18	0	21	0	21	0	21
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	6	0	13	0	18	0	21	0	21	0	21
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

1984 1985 1986 1987 1988 1989												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												
4	PAPER AND PAPERBOARD			35	52	66	75	75	75			
4.1	NEWSPRINT			4	5	10	13	13	13			
4.2	OTHER PRINTING AND WRITING PAPER			7	13	14	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			7	13	14	15	15	15			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			0	0	0	0	0	0			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			7	13	14	15	15	15			
4.3	OTHER PAPER AND PAPERBOARD			24	34	42	47	47	47			
4.31	HOUSEHOLD AND SANITARY PAPER			0	0	0	0	0	0			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			24	34	42	47	47	47			
4.321	LINERBOARD			7	10	10	10	10	10			
4.3211	KRAFT LINER			0	2	2	2	2	2			
4.32111	UNBLEACHED KRAFT LINER			0	-	-	-	-	-			
4.32112	BLEACHED KRAFT LINER			0	-	-	-	-	-			
4.3212	OTHER LINERBOARD			7	8	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			6	12	19	24	24	24			
4.3231	SACK KRAFT			3	6	9	12	12	12			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			3	6	10	12	12	12			
4.324	FOLDING BOXBOARD			10	11	12	12	12	12			
4.3241	PULP BASED FOLDING BOXBOARD			10	11	12	12	12	12			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0			
4.32412	OTHER PULP BASED FOLDING BOXBOARD			10	11	12	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			

UGANDA

PROCESS	1984		1985		1986		1987		1988	1989
	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 SAW 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	7	7	7	7	7
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	6	6	6	6	6
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	6	6	6	6	6
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	6	6	6	6	6
4.3	OTHER PAPER AND PAPERBOARD	1	1	1	1	1
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1	1	1	1	1
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	FLOTTING MEDIUM	1	1	1	1	1
4.3221	SEMI-CHEMICAL FLOTTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLOTTING MEDIUM	1	1	1	1	1
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

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

ZAIRE

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF 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

PROCESS	1984	1985	1986	1987	1988	1989
	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	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	2	2	2	2	2
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2	2	2	2	2
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.	2	2	2	2	2
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
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

CANADA

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	23068	7710	23201	7470	23715	8000	23951	8128	24057	24057
1.1	MECHANICAL PULP	6250	521	6123	233	6135	593	6075	643	6105	6105
1.11	MECHANICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.12	MECHANICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.2	THERMO-MECHANICAL PULP	3563	0	3847	0	4167	0	4354	0	4403	4403
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.22	THERMO-MECHANICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.3	SEMI-CHEMICAL PULP	472	0	472	0	476	0	477	0	477	477
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.32	SEMI-CHEMICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.4	CHEMICAL PULP TOTAL	12783	7189	12759	7237	12937	7407	13041	7485	13072	13072
1.41	UNBLEACHED SULPHITE PULP	1634	39	1505	39	1504	39	1509	39	1515	1515
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.42	BLEACHED SULPHITE PULP	414	285	466	277	472	295	485	308	491	491
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.422	BLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.43	UNBLEACHED SULPHATE PULP	1735	199	1728	206	1741	208	1752	208	1752	1752
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	.	.	.	.	.	.	.	.	.	.
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	.	.	.	.	.	.	.	.	.	.
1.44	BLEACHED SULPHATE+SODA PULP	9000	6666	9060	6715	9220	6865	9295	6930	9314	9314
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	1315	898	1326	889	1339	903	1349	905	1352	1352
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	7685	5768	7734	5826	7881	5962	7946	6025	7962	7962

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	221	221	217	217	217	217	213	213	210	210
3.1	NON-CONIFEROUS DISSOLVING PULP	.	.	.	.	.	.	.	.	.	.
3.2	CONIFEROUS DISSOLVING PULP	.	.	.	.	.	.	.	.	.	.

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	15548	15743	16071	16313	16410	16410
4.1	NEWSPRINT	9820	9820	9960	10000	10100	10100
4.2	OTHER PRINTING AND WRITING PAPER	2047	2204	2347	2502	2495	2495
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	2047	2204	2347	2502	2495	2495
4.221	UNCOATED WOOD CONTAINING PRINT&WRITING PAPER	925	1015	1120	1250	1235	1235
4.222	UNCOATED WOODFREE PRINTING & WRITING PAPER	1122	1189	1227	1252	1260	1260
4.3	OTHER PAPER AND PAPERBOARD	3681	3719	3764	3811	3815	3815
4.31	HOUSEHOLD AND SANITARY PAPER	466	480	485	486	487	487
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	3197	3221	3261	3307	3310	3310
4.321	LINERBOARD	1177	1189	1193	1204	1214	1214
4.3211	KRAFT LINER	892	905	909	915	917	917
4.32111	UNBLEACHED KRAFT LINER	.	.	.	.	.	.
4.32112	BLEACHED KRAFT LINER	.	.	.	.	.	.
4.3212	OTHER LINERBOARD	285	284	284	289	297	297
4.322	FLUTING MEDIUM	672	684	712	732	726	726
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	523	528	543	567	567	567
4.3222	OTHER FLUTING MEDIUM	149	156	169	165	159	159
4.323	KRAFT WRAPPING AND PACKAGING	531	531	539	551	549	549
4.3231	SACK KRAFT	227	242	237	231	226	226
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	304	289	302	320	323	323
4.324	FOLDING BOXBOARD	469	480	487	490	491	491
4.3241	PULP BASED FOLDING BOXBOARD	469	480	487	490	491	491
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	86	87	89	89	89	89
4.32412	OTHER PULP BASED FOLDING BOXBOARD	383	393	398	401	402	402
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	348	337	330	330	330	330
4.3251	OTHER WRAPPING PAPER	19	20	20	20	20	20
4.3252	OTHER PACKAGING PAPERBOARD	329	317	310	310	310	310
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	18	18	18	18	18	18
4.331	OTHER PAPER N.E.S.	18	18	18	18	18	18
4.332	OTHER PAPERBOARD N.E.S.	.	.	.	.	.	.

CUBA

PROCESS	1984		1985		1986		1987		1988		1989		
	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 (AIF DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD											0	0
1.1	MECHANICAL PULP											0	0
1.11	MECHANICAL NON-COMIFERUS PULP											0	0
1.12	MECHANICAL COMIFEROUS PULP											0	0
1.2	THERMO-MECHANICAL PULP											0	0
1.21	THERMO-MECHANICAL NON-COMIFEROUS PULP											0	0
1.22	THERMO-MECHANICAL COMIFEROUS PULP											0	0
1.3	SEMI-CHEMICAL PULP											0	0
1.31	SEMI-CHEMICAL NON-COMIFEROUS PULP											0	0
1.32	SEMI-CHEMICAL COMIFEROUS PULP											0	0
1.4	CHEMICAL PULP TOTAL											0	0
1.41	UNBLEACHED SULPHITE PULP											0	0
1.411	UNBLEACHED NON-COMIFERUS SULPHITE PULP											0	0
1.412	UNBLEACHED COMIFEROUS SULPHITE PULP											0	0
1.42	BLEACHED SULPHITE PULP											0	0
1.421	BLEACHED NON-COMIFEROUS SULPHITE PULP											0	0
1.422	BLEACHED COMIFEROUS SULPHITE PULP											0	0
1.43	UNBLEACHED SULPHATE PULP											0	0
1.431	UNBLEACHED NON-COMIFEROUS SULPHATE PULP											0	0
1.432	UNBLEACHED COMIFEROUS SULPHATE PULP											0	0
1.44	BLEACHED SULPHATE+SODA PULP											0	0
1.441	BLEACHED NON-COMIFEROUS SULPHATE+SODA PULP											0	0
1.442	BLEACHED COMIFEROUS SULPHATE+SODA PULP											0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD											88	0
2.1	PULP OF STRAW											0	0
2.2	PULP OF BAGASSE											88	0
2.3	PULP OF BAMBOO											0	0
2.4	PULP OF OTHER FIBRE											0	0
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS											1	0
3.1	NON-COMIFEROUS DISSOLVING PULP											1	0
3.2	COMIFEROUS DISSOLVING PULP											0	0

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
	1984	1985	1986	1987	1988	1989		
4	PAPER AND PAPERBOARD							201
4.1	NEWSPRINT							12
4.2	OTHER PRINTING AND WRITING PAPER							55
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							55
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER							0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER							55
4.3	OTHER PAPER AND PAPERBOARD							134
4.31	HOUSEHOLD AND SANITARY PAPER							12
4.32	WRAPPING AND PACKAGING PAPER AND BOARD							98
4.321	LINEBOARD							40
4.3211	KRAFT LINE							10
4.32111	UNBLEACHED KRAFT LINE							-
4.32112	BLEACHED KRAFT LINE							-
4.3212	OTHER LINEBOARD							30
4.322	FLUTING MEDIUM							16
4.3221	SEMI-CHEMICAL FLUTING MEDIUM							-
4.3222	OTHER FLUTING MEDIUM							-
4.323	KRAFT WRAPPING AND PACKAGING							12
4.3231	SACK KRAFT							6
4.3232	OTHER KRAFT WRAPPING AND PACKAGING							6
4.324	FOLDING BOARD							24
4.3241	PULP BASED FOLDING BOARD							13
4.32411	BLEACHED CHEMICAL PULP FOLDING BOARD							2
4.32412	OTHER PULP BASED FOLDING BOARD							11
4.3242	WASTE PAPER BASED FOLDING BOARD							11
4.325	OTHER WRAPPING AND PACKAGING N.E.S.							6
4.3251	OTHER WRAPPING PAPER							0
4.3252	OTHER PACKAGING PAPERBOARD							6
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL							24
4.331	OTHER PAPER N.E.S.							20
4.332	OTHER PAPERBOARD N.E.S.							4

DOMINICAN REPUBLIC

PROCESS	1984		1985		1986		1987		1988	1989
	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	64	64	64	64	64
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	5	5	5	5	5
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	5	5	5	5	5
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	5	5	5	5	5
4.3	OTHER PAPER AND PAPERBOARD	59	59	59	59	59
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	55	55	55	55	55
4.321	LINERBOARD	20	20	20	20	20
4.3211	KRAFT LINER	.	.	.	.	.
4.32111	UNBLEACHED KRAFT LINER	.	.	.	.	.
4.32112	BLEACHED KRAFT LINER	.	.	.	.	.
4.3212	OTHER LINERBOARD	.	.	.	.	.
4.322	FLUTING MEDIUM	18	18	18	18	18
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	.	.	.	.	.
4.3222	OTHER FLUTING MEDIUM	.	.	.	.	.
4.323	KRAFT WRAPPING AND PACKAGING	4	4	4	4	4
4.3231	SACK KRAFT	0	0	0	0	0
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	4	4	4	4	4
4.324	FOLDING BOXBOARD	13	13	13	13	13
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
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	4	4	4	4
4.331	OTHER PAPER N.E.S.	2	2	2	2	2
4.332	OTHER PAPERBOARD N.E.S.	2	2	2	2	2

EL SALVADOR

PROCESS	1984		1985		1986		1987		1988	1989
	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	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	56	56	56	56	56	56
4.1 NEWSPRINT	14	14	14	14	14	14
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	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	39	39	39	39	39	39
4.31 HOUSEHOLD AND SANITARY PAPER	3	3	3	3	3	3
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	19	19	19	19	19	19
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	17	17	17	17	17	17
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

MEXICO

PROCESS	1984		1985		1986		1987		1988	1989	
	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	664	0	706	0	744	0	756	0	854	854
1.1	MECHANICAL PULP	115	0	150	0	180	0	180	0	180	180
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	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	549	0	556	0	564	0	576	0	674	674
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	
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	228	0	233	0	238	0	248	0	309	309
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	301	0	303	0	306	0	308	0	345	345
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	301	0	303	0	306	0	308	0	345	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	403	0	413	0	433	0	433	0	433	433
2.1	PULP OF STRAW	5	0	5	1	5	0	5	0	5	5
2.2	PULP OF BAGASSE	398	0	408	0	428	0	428	0	428	428
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	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	

	1984	1985	1986	1987	1988	1989	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	3096	3325	3470	3602	3665	3704
4.1	NEWSPRINT	305	390	415	415	415	415
4.2	OTHER PRINTING AND WRITING PAPER	587	594	616	640	647	655
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	2204	2341	2439	2547	2603	2634
4.31	HOUSEHOLD AND SANITARY PAPER	415	440	443	450	450	450
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1694	1804	1894	1990	2045	2076
4.321	LINERBOARD	1012	1078	1143	1215	1236	1252
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	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323	KRAFT WRAPPING AND PACKAGING	348	358	377	399	428	435
4.3231	SACK KRAFT	.	.	.	.	.	.
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	.	.	.	.	.	.
4.324	FOLDING BOXBOARD	334	368	374	376	381	389
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	95	97	102	107	108	108
4.331	OTHER PAPER N.E.S.	.	.	.	.	.	.
4.332	OTHER PAPERBOARD N.E.S.	.	.	.	.	.	.

UNITED STATES

PROCESS	1984		1985		1986		1987		1988	1989
	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	50886	5502	51484	5889	52544	6050	53116	5953	53230	53230
1.1 MECHANICAL PULP	3736	13	3682	13	3697	13	3732	13	3749	3749
1.11 MECHANICAL NON-CONIFEROUS PULP	187	13	184	13	185	13	187	13	187	187
1.12 MECHANICAL CONIFEROUS PULP	3549	0	3498	0	3512	0	3545	0	3562	3562
1.2 THERMO-MECHANICAL PULP	2198	0	2207	0	2267	0	2374	0	2397	2397
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	110	0	111	0	113	0	119	0	120	120
1.22 THERMO-MECHANICAL CONIFEROUS PULP	2088	0	2096	0	2154	0	2255	0	2277	2277
1.3 SEMI-CHEMICAL PULP	4145	0	4181	0	4195	0	4222	0	4224	4224
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	4145	0	4181	0	4195	0	4222	0	4224	4224
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	40807	5489	41414	5876	42385	6037	42788	5940	42860	42860
1.41 UNBLEACHED SULPHITE PULP	247	0	232	0	232	0	232	0	232	232
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	247	0	232	0	232	0	232	0	232	232
1.42 BLEACHED SULPHITE PULP	1319	326	1327	326	1330	326	1332	326	1332	1332
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	396	.	398	.	399	.	400	.	400	400
1.422 BLEACHED CONIFEROUS SULPHITE PULP	923	.	929	.	931	.	932	.	932	932
1.43 UNBLEACHED SULPHATE PULP	19199	145	18936	145	19041	188	19142	192	19155	19155
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	960	.	947	.	953	.	957	.	958	958
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	18239	.	17989	.	18088	.	18185	.	18197	18197
1.44 BLEACHED SULPHATE+SODA PULP	20042	5018	20919	5405	21782	5523	22082	5422	22141	22141
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	8766	1883	9167	2002	9681	2135	9819	2223	9843	9843
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	11276	3135	11752	3403	12101	3388	12263	3199	12298	12298
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	342	.	356	.	370	.	375	.	375	375
2.1 PULP OF STRAW	.	.	.	.	.	.	.	.	.	.
2.2 PULP OF BAGASSE	.	.	.	.	.	.	.	.	.	.
2.3 PULP OF BAMBOO	.	.	.	.	.	.	.	.	.	.
2.4 PULP OF OTHER FIBRE	.	.	.	.	.	.	.	.	.	.
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	1364	1364	1364	1364	1364	1364	1364	1364	1364	1364
3.1 NON-CONIFEROUS DISSOLVING PULP	477	477	477	477	477	477	477	477	477	477
3.2 CONIFEROUS DISSOLVING PULP	887	887	887	887	887	887	887	887	887	887

PROCESS	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	67287	68131	69286	70507	70814	70814
4.1 NEWSPRINT	5304	5224	5230	5254	5258	5258
4.2 OTHER PRINTING AND WRITING PAPER	17629	18256	18822	19611	19876	19876
4.21 COATED PRINTING AND WRITING PAPER	5811	5981	6189	6651	6697	6697
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	3358	3396	3505	3867	3909	3909
4.212 COATED WOODFREE PRINTING & WRITING PAPER	2453	2585	2684	2784	2788	2788
4.22 UNCOATED PRINTING AND WRITING PAPER	11818	12275	12633	12960	13179	13179
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	1536	1551	1553	1554	1554	1554
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	10282	10724	11080	11406	11625	11625
4.3 OTHER PAPER AND PAPERBOARD	44354	44651	45234	45642	45680	45680
4.31 HOUSEHOLD AND SANITARY PAPER	4757	4828	4984	5098	5099	5099
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	36049	36274	36692	36973	37007	37007
4.321 LINERBOARD	15410	15650	15971	16097	16116	16116
4.3211 KRAFT LINER	15052	15265	15438	15564	15583	15583
4.32111 UNBLEACHED KRAFT LINER	14958	15171	15344	15470	15489	15489
4.32112 BLEACHED KRAFT LINER	94	94	94	94	94	94
4.3212 OTHER LINERBOARD	358	385	533	533	533	533
4.322 FLUTING MEDIUM	6074	6157	6213	6260	6266	6266
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	4730	4803	4849	4888	4893	4893
4.3222 OTHER FLUTING MEDIUM	1344	1354	1364	1372	1373	1373
4.323 KRAFT WRAPPING AND PACKAGING	4601	4381	4373	4378	4382	4382
4.3231 SACK KRAFT	920	876	875	875	876	876
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	3681	3505	3498	3503	3506	3506
4.324 FOLDING BOXBOARD	6821	6946	6992	7079	7082	7082
4.3241 PULP BASED FOLDING BOXBOARD	4436	4558	4568	4665	4665	4665
4.32411 BLEACHED CHEMICAL PULP FCIDING BOXBOARD	3704	3826	3856	3933	3933	3933
4.32412 OTHER PULP BASED FOLDING BOXBOARD	732	732	732	732	732	732
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	2385	2388	2404	2414	2417	2417
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	3143	3140	3143	3159	3161	3161
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	3143	3140	3143	3159	3161	3161
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	3548	3549	3558	3571	3574	3574
4.331 OTHER PAPER N.E.S.	1140	1147	1154	1161	1164	1164
4.332 OTHER PAPERBOARD N.E.S.	2408	2402	2404	2410	2410	2410

ARGENTINA

PROCESS	1984		1985		1986		1987		1988		1989
	TOTAL CAPA- CITY	CF 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	640	185	640	185	640	185	658	185	778	794
1.1	MECHANICAL PULP	50	5	50	5	50	5	50	5	50	50
1.11	MECHANICAL NON-CONIFEROUS PULP	50	5	50	5	50	5	50	5	50	50
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	200	10	200	10	200	10	200	10	200	200
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	200	10	200	10	200	10	200	10	200	200
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	390	170	390	170	390	170	408	170	528	544
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	40	.	40	.	40	.	40	.	40	40
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	10	.	10	.	10	.	10	.	10	10
1.422	BLEACHED CONIFEROUS SULPHITE PULP	30	.	30	.	30	.	30	.	30	30
1.43	UNBLEACHED SULPHATE PULP	120	.	120	.	120	.	138	.	258	274
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	15	.	15	.	15	.	15	.	15	15
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	105	.	105	.	105	.	123	.	243	259
1.44	BLEACHED SULPHATE+SODA PULP	230	170	230	170	230	170	230	170	230	230
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	60	0	60	0	60	0	60	0	60	60
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	170	170	170	170	170	170	170	170	170	170
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	120	0	140	0	140	0	140	0	140	140
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	115	0	135	0	135	0	135	0	135	135
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	5	0	5	0	5	0	5	0	5	5
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	14	0	14	0	14	0	14	0	14	14
3.1	NON-CONIFEROUS DISSOLVING PULP	14	0	14	0	14	0	14	0	14	14
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1984 1985 1986 1987 1988 1989											

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD	1100	1150	1150	1168	1263	1278				
4.1	NEWSPRINT	205	225	225	225	225	225				
4.2	OTHER PRINTING AND WRITING PAPER	230	260	260	260	260	260				
4.21	COATED PRINTING AND WRITING PAPER	50	50	50	50	50	50				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	35	35	35	35	35	35				
4.212	COATED WOODFREE PRINTING & WRITING PAPER	15	15	15	15	15	15				
4.22	UNCOATED PRINTING AND WRITING PAPER	180	210	210	210	210	210				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	15	35	35	35	35	35				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	165	175	175	175	175	175				
4.3	OTHER PAPER AND PAPERBOARD	665	665	665	683	778	793				
4.31	HOUSEHOLD AND SANITARY PAPER	65	65	65	65	65	65				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	545	545	545	563	658	673				
4.321	LINERBOARD	140	140	140	149	194	199				
4.3211	KRAFT LINER	45	45	45	54	99	104				
4.32111	UNBLEACHED KRAFT LINER	40	40	40	49	94	99				
4.32112	BLEACHED KRAFT LINER	5	5	5	5	5	5				
4.3212	OTHER LINERBOARD	95	95	95	95	95	95				
4.322	FLUTING MEDIUM	120	120	120	120	120	120				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	40	40	40	40	40	40				
4.3222	OTHER FLUTING MEDIUM	80	80	80	80	80	80				
4.323	KRAFT WRAPPING AND PACKAGING	125	125	125	134	184	194				
4.3231	SACK KRAFT	90	90	90	99	149	159				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	35	35	35	35	35	35				
4.324	FOLDING BOXBOARD	50	50	50	50	50	50				
4.3241	PULP BASED FOLDING BOXBOARD	35	35	35	35	35	35				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	25	25	25	25	25	25				
4.32412	OTHER PULP BASED FOLDING BOXBOARD	10	10	10	10	10	10				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	15	15	15	15	15	15				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	110	110	110	110	110	110				
4.3251	OTHER WRAPPING PAPER	60	60	60	60	60	60				
4.3252	OTHER PACKAGING PAPERBOARD	50	50	50	50	50	50				
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				

BOLIVIA

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	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	1	0	1	0	1	0	1	0	1
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	1	0	1	0	1	0	1	0	1
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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	1	1	1	1	1
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	1	1	1	1	1
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1	1	1	1	1
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.	1	1	1	1	1
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	1	1	1	1	1
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

FAC POLP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

BRAZIL

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL	CF	TOTAL	CF	TOTAL	CF	TOTAL	CF	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 POLP FOR PAPER AND PAPERBOARD	3522	1588	3681	1617	3883	1720	4153	1809	4273	4312
1.1	MECHANICAL POLP	289	65	322	69	332	69	336	69	336	336
1.11	MECHANICAL NON-CONIFEROUS POLP	20	0	20	0	20	0	20	0	20	20
1.12	MECHANICAL CONIFEROUS POLP	269	65	302	69	312	69	316	69	316	316
1.2	THERMO-MECHANICAL POLP	55	10	122	25	141	35	151	45	151	151
1.21	THERMO-MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	55	10	122	25	141	35	151	45	151	151
1.3	SEMI-CHEMICAL POLP	124	0	124	0	124	0	124	0	124	124
1.31	SEMI-CHEMICAL NON-CONIFEROUS POLP	97	0	97	0	97	0	97	0	97	97
1.32	SEMI-CHEMICAL CONIFEROUS PULP	27	0	27	0	27	0	27	0	27	27
1.4	CHEMICAL POLP TOTAL	3054	1513	3113	1523	3286	1616	3542	1695	3662	3701
1.41	UNBLEACHED SOLPHITE POLP	12	12	12	12	12	12	12	12	12	12
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SOLPHITE PULP	12	12	12	12	12	12	12	12	12	12
1.42	BLEACHED SOLPHITE POLP	22	22	22	22	22	22	22	22	22	22
1.421	BLEACHED NON-CONIFEROUS SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SOLPHITE PULP	22	22	22	22	22	22	22	22	22	22
1.43	ONBLEACHED SULPHATE POLP	799	74	849	84	937	94	1027	94	1095	1114
1.431	ONBLEACHED NON-CONIFEROUS SULPHATE POLP	126	34	126	34	126	34	126	34	126	126
1.432	ONBLEACHED CONIFEROUS SULPHATE POLP	673	40	723	50	811	60	901	60	969	988
1.44	BLEACHED SOLPHATE+SODA POLP	2221	1405	2230	1405	2315	1488	2481	1567	2533	2553
1.441	BLEACHED NON-CONIFEROUS SOLPHATE+SODA PULP	2064	1340	2073	1340	2079	1345	2198	1400	2232	2249
1.442	BLEACHED CONIFEROUS SOLPHATE+SODA PULP	157	65	157	65	236	143	283	167	301	304
2	POLP OF OTHER FIBRE FOR PAPER AND BOARD	384	71	419	71	430	71	434	71	434	434
2.1	POLP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	POLP OF BAGASSE	156	0	171	0	175	0	177	0	177	177
2.3	POLP OF BAMBOO	74	0	89	0	93	0	95	0	95	95
2.4	PULP OF OTHER FIBRE	154	71	159	71	162	71	162	71	162	162
3	DISSOLVING POLP, WOOD+OTHER SAW MATERIALS	62	30	62	30	62	30	62	30	62	62
3.1	NON-CONIFEROUS DISSOLVING POLP	20	20	20	20	20	20	20	20	20	20
3.2	CONIFEROUS DISSOLVING POLP	42	10	42	10	42	10	42	10	42	42

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1984	1985	1986	1987	1988	1989	
4	PAPER AND PAPERBOARD	4228	4575	4690	4833	4950	4990
4.1	NEWSPRINT	127	209	232	244	299	315
4.2	OTHER PRINTING AND WRITING PAPER	1132	1281	1324	1346	1386	1346
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	1054	1203	1246	1268	1268	1268
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1054	1203	1246	1268	1268	1268
4.3	OTHER PAPER AND PAPERBOARD	2969	3085	3134	3243	3305	3329
4.31	HOUSEHOLD AND SANITARY PAPER	287	289	292	294	294	294
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2423	2535	2581	2688	2750	2774
4.321	LINERBOARD	790	825	836	867	892	901
4.3211	KRAFT LINER	651	683	693	715	737	744
4.32111	ONBLEACHED KRAFT LINER	651	683	693	715	737	744
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	139	142	143	152	155	157
4.322	FLUTING MEDIUM	538	549	554	564	567	569
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	29	29	29	29	29	29
4.3222	OTHER FLUTING MEDIUM	509	520	525	535	538	540
4.323	KRAFT WRAPPING AND PACKAGING	470	512	535	598	632	645
4.3231	SACK KRAFT	247	284	295	326	351	360
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	223	228	240	272	281	285
4.324	FOLDING BOXBOARD	382	399	404	406	406	406
4.3241	PULP BASED FOLDING BOXBOARD	128	128	128	128	128	128
4.32411	BLEACHED CHEMICAL POLP FOLDING BOXBOARD	17	17	17	17	17	17
4.32412	OTHER POLP BASED FOLDING BOXBOARD	111	111	111	111	111	111
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	254	271	276	278	278	278
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	243	250	252	253	253	253
4.3251	OTHER WRAPPING PAPER	243	250	252	253	253	253
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	259	261	261	261	261	261
4.331	OTHER PAPER N.E.S.	172	174	174	174	174	174
4.332	OTHER PAPERBOARD N.E.S.	87	87	87	87	87	87

CHILE

PROCESS	1984		1985		1986		1987		1988	1989
	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 (AIF DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	876	517	876	517	996	613	1058	664	1109	1122
1.1 MECHANICAL PULP	192	0	192	0	192	0	192	0	192	192
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	192	0	192	0	192	0	192	0	192	192
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	25	.	32	.	35	35
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	25	.	32	.	35	35
1.4 CHEMICAL PULP TOTAL	684	517	684	517	779	613	838	664	882	895
1.41 UNBLEACHED SULPHITE PULP	24	0	24	.	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	24	0	24	.	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	290	241	290	241	300	251	303	254	329	339
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	2	0	2	0	2	0	2	0	2	2
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	288	241	288	241	298	251	301	254	327	337
1.44 BLEACHED SULPHATE+SODA PULP	370	276	370	276	479	362	531	410	553	556
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	30	0	30	0	30	0	30	0	30	30
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	340	276	340	276	449	362	501	410	523	526

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

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	411	416	513	540	556	556
4.1 NEWSPRINT	175	175	178	185	188	188
4.2 OTHER PRINTING AND WRITING PAPER	80	85	93	95	98	98
4.21 COATED PRINTING AND WRITING PAPER	2	2	3	3	3	3
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	2	2	3	3	3	3
4.22 UNCOATED PRINTING AND WRITING PAPER	78	83	90	92	95	95
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	12	12	12	12	12	12
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	66	71	78	80	83	83
4.3 OTHER PAPER AND PAPERBOARD	156	156	242	260	270	270
4.31 HOUSEHOLD AND SANITARY PAPER	38	38	38	38	38	38
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	112	112	158	216	226	226
4.321 LINERBOARD	27	27	51	58	61	61
4.3211 KRAFT LINER	21	21	45	52	55	55
4.32112 UNBLEACHED KRAFT LINER	21	21	45	52	55	55
4.3212 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.322 OTHER LINERBOARD	6	6	6	6	6	6
4.322 FLOTTING MEDIUM	21	21	44	44	45	45
4.3221 SEMI-CHEMICAL FLOTTING MEDIUM	0	0	23	23	24	24
4.3222 OTHER FLOTTING MEDIUM	21	21	21	21	21	21
4.323 KRAFT WRAPPING AND PACKAGING	25	25	43	48	51	51
4.3231 SACK KRAFT	25	25	25	25	25	25
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	0	0	18	23	26	26
4.324 FOLDING BOXBOARD	34	34	55	61	64	64
4.3241 PULP BASED FOLDING BOXBOARD	3	3	24	30	33	33
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	3	3	3	3	3	3
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	21	27	30	30
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	31	31	31	31	31	31
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	5	5	5	5	5	5
4.3251 OTHER WRAPPING PAPER	5	5	5	5	5	5
4.3252 OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	6	6	6	6	6	6
4.331 OTHER PAPER N.E.S.	2	2	2	2	2	2
4.332 OTHER PAPERBOARD N.E.S.	4	4	4	4	4	4

COLOMBIA

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL OF CAPA- CITY	WHICH MARKET POLP	TOTAL OF CAPA- CITY	WHICH MARKET POLP	TOTAL OF CAPA- CITY	WHICH MARKET POLP	TOTAL OF CAPA- CITY	WHICH MARKET POLP	TOTAL OF CAPA- CITY	WHICH MARKET CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD POLP FOR PAPER AND PAPERBOARD	163	0	163	0	163	0	163	0	163	163
1.1	MECHANICAL POLP	0	0	0	0	0	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL POLP	0	0	0	0	0	0	0	0	0	0
1.21	THERMO-MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL POLP	34	0	34	0	34	0	34	0	34	34
1.31	SEMI-CHEMICAL NON-CONIFEROUS POLP	30	0	30	0	30	0	30	0	30	30
1.32	SEMI-CHEMICAL CONIFEROUS POLP	4	0	4	0	4	0	4	0	4	4
1.4	CHEMICAL POLP TOTAL	129	0	129	0	129	0	129	0	129	129
1.41	UNBLEACHED SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.411	UNBLEACHED NON-CONIFEROUS SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.42	BLEACHED SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.421	BLEACHED NON-CONIFEROUS SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SOLPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.43	UNBLEACHED SOLPHATE POLP	79	0	79	0	79	0	79	0	79	79
1.431	UNBLEACHED NON-CONIFEROUS SOLPHATE POLP	45	0	20	0	20	0	20	0	20	20
1.432	UNBLEACHED CONIFEROUS SOLPHATE POLP	34	0	59	0	59	0	59	0	59	59
1.44	BLEACHED SOLPHATE+SODA POLP	50	0	50	0	50	0	50	0	50	50
1.441	BLEACHED NON-CONIFEROUS SOLPHATE+SODA POLP	20	0	20	0	20	0	20	0	20	20
1.442	BLEACHED CONIFEROUS SOLPHATE+SODA POLP	30	0	30	0	30	0	30	0	30	30

2	POLP OF OTHER FIBRE FOR PAPER AND BOARD	115	0	156	0	166	0	170	0	170	170
2.1	POLP OF STRAW	2	0	2	0	2	0	2	0	2	2
2.2	POLP OF BAGASSE	111	0	152	0	162	0	166	0	166	166
2.3	POLP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	POLP OF OTHER FIBRE	2	0	2	0	2	0	2	0	2	2
3	DISSOLVING POLP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0	0

PROCESS	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	571	631	656	665	665
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	135	181	195	201	201
4.21	COATED PRINTING AND WRITING PAPER	15	15	20	20	20
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	15	15	20	20	20
4.22	UNCOATED PRINTING AND WRITING PAPER	120	166	175	181	181
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	120	166	175	181	181
4.3	OTHER PAPER AND PAPERBOARD	436	450	461	464	464
4.31	HOUSEHOLD AND SANITARY PAPER	69	80	91	91	91
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	338	381	341	344	344
4.321	LINERBOARD	111	114	114	116	116
4.3211	KRAFT LINER	92	92	92	92	92
4.32111	UNBLEACHED KRAFT LINER	77	77	77	77	77
4.32112	BLEACHED KRAFT LINER	15	15	15	15	15
4.3212	OTHER LINERBOARD	19	22	22	24	24
4.322	FLOTTING MEDIUM	71	71	71	72	72
4.3221	SEMI-CHEMICAL FLOTTING MEDIUM	60	60	60	61	61
4.3222	OTHER FLOTTING MEDIUM	11	11	11	11	11
4.323	KRAFT WRAPPING AND PACKAGING	54	54	54	54	54
4.3231	SACK KRAFT	46	46	46	46	46
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	8	8	8	8	8
4.324	FOLDING BOXBOARD	70	70	70	70	70
4.3241	POLP BASED FOLDING BOXBOARD	6	6	6	6	6
4.32411	BLEACHED CHEMICAL POLP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER POLP BASED FOLDING BOXBOARD	6	6	6	6	6
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	64	64	64	64	64
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	32	32	32	32	32
4.3251	OTHER WRAPPING PAPER	20	20	20	20	20
4.3252	OTHER PACKAGING PAPERBOARD	12	12	12	12	12
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	29	29	29	29	29
4.331	OTHER PAPER N.E.S.	6	6	6	6	6
4.332	OTHER PAPERBOARD N.E.S.	23	23	23	23	23

EQUADOR

PROCESS	1984		1985		1986		1987		1988	1989
	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
	PULP		PULP		PULP		PULP			
	1000 METRIC TONS (AIR DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	6	0	6	0	6	0	6	0	6
1.1	MECHANICAL PULP	6	0	6	0	6	0	6	0	6
1.11	MECHANICAL NON-CONIFEROUS PULP	6	0	6	0	6	0	6	0	6
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	15	0	15	0	15	0	15	0	15
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	15	0	15	0	15	0	15	0	15
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

	1984	1985	1986	1987	1988	1989
	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

URUGUAY

PROCESS	1984		1985		1986		1987		1988		1989	
	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET
1000 METRIC TONS (M.T.) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	35	0	35	0	35	0	35	0	35	0	35
1.1	MECHANICAL PULP	10	0	10	0	10	0	10	0	10	0	10
1.11	MECHANICAL NON-CONIFEROUS PULP	10	0	10	0	10	0	10	0	10	0	10
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	5	0	5	0	5	0	5	0	5	0	5
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	.	0	.	0	.	0	.	0	.	0	.
1.32	SEMI-CHEMICAL CONIFEROUS PULP	.	0	.	0	.	0	.	0	.	0	.
1.4	CHEMICAL PULP TOTAL	20	0	20	0	20	0	20	0	20	0	20
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	4	0	4	0	4	0	4	0	4	0	4
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	4	0	4	0	4	0	4	0	4	0	4
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	16	0	16	0	16	0	16	0	16	0	16
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	13	0	13	0	13	0	13	0	13	0	13
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	3	0	3	0	3	0	3	0	3	0	3
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 FIBRE 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												
4	PAPER AND PAPERBOARD	90		90		90		90		90		90
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	5		5		5		5		5		5
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	25		25		25		25		25		25
4.3	OTHER PAPER AND PAPERBOARD	60		60		60		60		60		60
4.31	HOUSEHOLD AND SANITARY PAPER	15		15		15		15		15		15
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	40		40		40		40		40		40
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	1		1		1		1		1		1
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	1		1		1		1		1		1
4.3222	OTHER FLUTING MEDIUM	0		0		0		0		0		0
4.323	KRAFT WRAPPING AND PACKAGING	10		10		10		10		10		10
4.3231	SACK KRAFT	3		3		3		3		3		3
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	7		7		7		7		7		7
4.324	FOLDING BOXBOARD	10		10		10		10		10		10
4.3241	PULP BASED FOLDING BOXBOARD	10		10		10		10		10		10
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	3		3		3		3		3		3
4.32412	OTHER PULP BASED FOLDING BOXBOARD	7		7		7		7		7		7
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	0		0		0		0		0		0
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	11		11		11		11		11		11
4.3251	OTHER WRAPPING PAPER	11		11		11		11		11		11
4.3252	OTHER PACKAGING PAPERBOARD	0		0		0		0		0		0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	5		5		5		5		5		5
4.331	OTHER PAPER N.E.S.	.		.		.		.		.		.
4.332	OTHER PAPERBOARD N.E.S.	.		.		.		.		.		.

VENEZUELA

PROCESS	1984		1985		1986		1987		1988	1989
	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 (AIF 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	731	733	741	741	741	741
4.1 NEWSPRINT	0	0	0	0	0	0
4.2 OTHER PRINTING AND WRITING PAPER	87	89	89	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	644	644	652	652	652	652
4.31 HOUSEHOLD AND SANITARY PAPER	157	157	165	165	165	165
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	487	487	487	487	487	487
4.321 LINERBOARD	145	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	68
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	68	68	68	68	68	68
4.323 KRAFT WRAPPING AND PACKAGING	138	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	102
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	102	102	102	102	102	102
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	34	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	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 1984-1989

BANGLADESH

PROCESS	1984		1985		1986		1987		1988	1989	
	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	40	0	40	0	40	0	61	0	61	61
1.1	MECHANICAL PULP	18	0	18	0	18	0	0	0	0	0
1.11	MECHANICAL NON-CONIFEROUS PULP	.	0	.	0	.	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	.	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	22	0	22	0	22	0	40	0	40	40
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	.	0	.	0	.	0	40	0	40	40
1.32	SEMI-CHEMICAL CONIFEROUS PULP	.	0	.	0	.	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	0	0	0	0	0	0	21	0	21	21
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 SOLPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SOLPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SOLPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SOLPHATE+SODA PULP	0	0	0	0	0	0	21	0	21	21
1.441	BLEACHED NON-CONIFEROUS SOLPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SOLPHATE+SODA PULP	0	0	0	0	0	0	21	0	21	21

2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	77	27	77	27	77	27	58	27	58	58
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	20	.	20	.	20	.	15	.	15	15
2.3	PULP OF BAMBOO	30	.	30	.	30	.	33	.	33	33
2.4	PULP OF OTHER FIBRE	27	27	27	27	27	27	10	27	10	10
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	5	0	5	0	5	0	5	0	5	5
3.1	NON-CONIFEROUS DISSOLVING PULP	.	0	.	0	.	0	.	0	.	.
3.2	CONIFEROUS DISSOLVING PULP	.	0	.	0	.	0	.	0	.	.

	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
	1984	1985	1986	1987	1988	1989	
4	PAPER AND PAPERBOARD	149	149	149	120	120	120
4.1	NEWSPRINT	54	54	54	48	48	48
4.2	OTHER PRINTING AND WRITING PAPER	71	71	71	48	48	48
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	71	71	71	48	48	48
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	12	12	12	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	59	59	59	48	48	48
4.3	OTHER PAPER AND PAPERBOARD	24	24	24	24	24	24
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	24	24	24	24	24	24
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	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

BUENA

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL	CF	TOTAL	OF	TOTAL	OF	TOTAL	CF	TOTAL	TOTAL
	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	CAPA-
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY
		PULP		PULP		PULP		PULP		
	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	18	0	18	0	18	0	18	0	18
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	18	0	18	0	18	0	18	0	18
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

PROCESS	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	23	23	23	23	23
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	15	15	15	15	15
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	15	15	15	15	15
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	15	15	15	15	15
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	8	8	8	8	8
4.3231	SACK KRAFT	7	7	7	7	7
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	1	1	1	1	1
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

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

HONG KONG

PROCESS	1984		1985		1986		1987		1988	1989
	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 (AIE 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	36	46	49	51	53
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	36	46	49	51	53
4.31	HOUSEHOLD AND SANITARY PAPER	1	1	1	1	1
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	35	45	48	50	52
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	35	45	48	50	52
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	35	45	48	50	52
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

INDIA

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	624	66	664	70	724	70	750	70	750
1.1	MECHANICAL PULP	77	0	77	0	77	0	80	0	80
1.11	MECHANICAL NON-CONIFEROUS PULP	77	0	77	0	77	0	80	0	80
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	50	0	50	0	80	0	80	0	80
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	50	0	50	0	80	0	80	0	80
1.22	THERMO-MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.3	SEMI-CHEMICAL PULP	77	0	77	0	77	0	80	0	80
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	77	0	77	0	77	0	80	0	80
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	420	66	460	70	490	70	510	70	510
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	200	30	210	30	230	30	250	30	250
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	200	30	210	30	230	30	250	30	250
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	220	36	250	40	260	40	260	40	260
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	220	36	250	40	260	40	260	40	260
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	1710	40	1830	40	2040	40	2040	40	2040
2.1	PULP OF STRAW	340	0	350	0	400	0	400	0	400
2.2	PULP OF BAGASSE	30	0	30	0	90	0	90	0	90
2.3	PULP OF BAMBOO	1100	40	1200	40	1300	40	1300	40	1300
2.4	PULP OF OTHER FIBRE	240	0	250	0	250	0	250	0	250
3	DISSOLVING PULP, WOOD+OTHER FIBRE MATERIALS	175	30	200	50	220	50	250	50	250
3.1	NON-CONIFEROUS DISSOLVING PULP	175	30	200	50	220	50	250	50	250
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1984	1985	1986	1987	1988	1989	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	1980	1985	1930	2040	2040	2040
4.1	NEWSPRINT	350	350	245	300	300	300
4.2	OTHER PRINTING AND WRITING PAPER	820	820	840	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	780	780	800	800	800	800
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	780	780	800	800	800	800
4.3	OTHER PAPER AND PAPERBOARD	810	815	845	900	900	900
4.31	HOUSEHOLD AND SANITARY PAPER	10	10	10	10	10	10
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	800	805	835	890	890	890
4.321	LINERBOARD	70	70	80	80	80	80
4.3211	KRAFT LINER	70	70	80	80	80	80
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	370	375	385	410	410	410
4.3231	SACK KRAFT	10	10	10	10	10	10
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	360	365	375	400	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.	360	360	370	400	400	400
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252	OTHER PACKAGING PAPERBOARD	360	360	370	400	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	1984		1985		1986		1987		1988	1989	
	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	120	0	225	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	90	0	90	0	90	0	90	90
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	90	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	135	0	135	0	135	0	135	135
1.41	UNBLEACHED SULPHITE PULP	0	0	15	0	15	0	15	0	15	15
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	15	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	289	369	369	369	369
4.1	NEWSPRINT	0	20	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	259	259	259	259
4.31	HOUSEHOLD AND SANITARY PAPER	9	9	9	9	9
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	190	250	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	80	80	80	80
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	40	80	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	20	20	20	20
4.3241	PULP BASED FOLDING BOXBOARD	0	20	20	20	20
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0
4.32412	OTHER PULP BASED FOLDING BOXBOARD	0	20	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

ISRAEL

PROCESS	1984		1985		1986		1987		1988		1989	
	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 (AIF 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

		1984	1985	1986	1987	1988	1989
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	161	161	161	161	161	161
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	88	88	88	88	88
4.31	HOUSEHOLD AND SANITARY PAPER	29	29	29	29	29	29
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

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

JAPAN

PROCESS	1984		1985		1986		1987		1988		1989	
	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	12066	1058	12021	1058	12391	1058	12566	1058	12611	12611	
1.1	MECHANICAL PULP	1494	25	1465	25	1471	25	1471	25	1471	1471	
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.12	MECHANICAL CONIFEROUS PULP	1494	25	1465	25	1471	25	1471	25	1471	1471	
1.2	THERMO-MECHANICAL PULP	1062	0	1110	0	1110	0	1162	0	1180	1180	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	1062	0	1110	0	1110	0	1162	0	1180	1180	
1.3	SEMI-CHEMICAL PULP	1336	50	1331	50	1280	50	1296	50	1307	1307	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	1030	50	1027	50	989	50	1001	50	1009	1009	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	306	0	304	0	291	0	295	0	298	298	
1.4	CHEMICAL PULP TOTAL	8174	983	8115	983	8530	983	8637	983	8653	8653	
1.41	UNBLEACHED SULPHITE PULP	178	24	104	24	104	24	104	24	104	104	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	12	0	8	0	8	0	8	0	8	8	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	166	24	96	24	96	24	96	24	96	96	
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	3314	303	3094	303	3146	303	3161	303	3161	3161	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	828	36	773	36	786	36	790	36	790	790	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	2486	267	2321	267	2360	267	2371	267	2371	2371	
1.44	BLEACHED SULPHATE+SODA PULP	4682	656	4917	656	5280	656	5372	656	5388	5388	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	3933	567	4130	567	4435	567	4512	567	4526	4526	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	749	89	787	89	845	89	860	89	862	862	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	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	
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	4	4	4	4	4	4	4	4	4	4	
3	DISSOLVING PULP, WOOD+OTHER FIBRE MATERIALS	449	383	449	383	449	383	449	383	449	449	
3.1	NON-CONIFEROUS DISSOLVING PULP	386	329	386	329	386	329	386	329	386	386	
3.2	CONIFEROUS DISSOLVING PULP	63	54	63	54	63	54	63	54	63	63	

1984 1985 1986 1987 1988 1989												

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												

4	PAPER AND PAPERBOARD	23495	23638	24118	24686	25169	25565					
4.1	NEWSPRINT	2829	2915	2925	3012	3143	3175					
4.2	OTHER PRINTING AND WRITING PAPER	6112	6256	6505	6834	7003	7105					
4.21	COATED PRINTING AND WRITING PAPER	1904	2052	2380	2663	2791	2809					
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	.	.	.	.	.	.
4.212	COATED WOODFREE PRINTING & WRITING PAPER	.	.	.	.	.	.
4.22	UNCOATED PRINTING AND WRITING PAPER	4208	4204	4125	4171	4212	4296					
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2175	2152	2024	2014	2034	2055					
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	2033	2052	2101	2157	2178	2241					
4.3	OTHER PAPER AND PAPERBOARD	14554	14467	14688	14840	15023	15285					
4.31	HOUSEHOLD AND SANITARY PAPER	1154	1183	1210	1226	1238	1251					
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	10569	10413	10624	10712	10854	11073					
4.321	LINERBOARD	4411	4178	4247	4304	4364	4435					
4.3211	KRAFT LINER	2047	1882	1910	1939	1968	1998					
4.32111	UNBLEACHED KRAFT LINER	.	.	.	.	.	.
4.32112	BLEACHED KRAFT LINER	.	.	.	.	.	.
4.3212	OTHER LINERBOARD	2364	2296	2331	2365	2396	2437					
4.322	FLUTING MEDIUM	2668	2702	2742	2782	2824	2934					
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	1569	1602	1626	1650	1675	1700					
4.3222	OTHER FLUTING MEDIUM	1099	1100	1116	1132	1149	1234					
4.323	KRAFT WRAPPING AND PACKAGING	1264	1268	1237	1233	1244	1257					
4.3231	SACK KRAFT	599	598	592	590	595	601					
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	665	670	645	643	649	656					
4.324	FOLDING BOXBOARD	1766	1797	1931	1915	1939	1959					
4.3241	PULP BASED FOLDING BOXBOARD	588	600	657	651	659	666					
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	.	.	.	.	.	.
4.32412	OTHER PULP BASED FOLDING BOXBOARD	.	.	.	.	.	.
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	1178	1197	1274	1264	1280	1293					
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	460	468	473	478	483	488					
4.3251	OTHER WRAPPING PAPER	0	0	0	0	0	0					
4.3252	OTHER PACKAGING PAPERBOARD	460	468	473	478	483	488					
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	2831	2871	2854	2902	2931	2967					
4.331	OTHER PAPER N.E.S.	1537	1549	1519	1553	1569	1585					
4.332	OTHER PAPERBOARD N.E.S.	1294	1322	1335	1349	1362	1376					

JORDAN

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
1000 METRIC TONS (AIF 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

PROCESS	1984	1985	1986	1987	1988	1989
	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	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	4	4	4	4	4
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	4	4	4	4	4
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	1	1	1	1	1
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	1	1	1	1	1
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	3	3	3	3	3
4.331	OTHER PAPER N.E.S.	0	0	0	0	0
4.332	OTHER PAPERBOARD N.E.S.	3	3	3	3	3

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

KAMBUCHA, DEMOCRATIC

PROCESS	1984		1985		1986		1987		1988	1989
	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	6	0	6	0	6	0	6	0	6
2.1	PULP OF STRAW	5	0	5	0	5	0	5	0	5
2.2	PULP OF BAGASSE	0	0	0	0	0	0	0	0	0
2.3	PULP OF BAMBOO	1	0	1	0	1	0	1	0	1
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

	1984	1985	1986	1987	1988	1989
	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	3	3	3	3	3
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	3	3	3	3	3
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	3	3	3	3	3
4.3	OTHER PAPER AND PAPERBOARD	2	2	2	2	2
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2	2	2	2	2
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.	2	2	2	2	2
4.3251	OTHER WRAPPING PAPER	2	2	2	2	2
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

KOREA, DEM. PEOPLE'S REP.

PROCESS	1984		1985		1986		1987		1988	1989	
	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	56	0	56	0	56	0	56	0	56	56
1.1	MECHANICAL PULP	13	0	13	0	13	0	13	0	13	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	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	43	0	43	0	43	0	43	0	43	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	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	50
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	50	0	50	0	50	0	50	0	50	50
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

	1984	1985	1986	1987	1988	1989
	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	1984		1985		1986		1987		1988		1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	362	105	362	105	362	105	362	105	362	105	362
1.1	MECHANICAL PULP	257	0	257	0	257	0	257	0	257	0	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	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	105	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	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	105	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	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						
	1984	1985	1986	1987	1988	1989	
4	PAPER AND PAPERBOARD	2456	2522	2745	2745	2745	2745
4.1	NEWSPRINT	246	246	411	411	411	411
4.2	OTHER PRINTING AND WRITING PAPER	543	543	576	576	576	576
4.21	COATED PRINTING AND WRITING PAPER	95	95	95	95	95	95
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	95	95	95	95	95	95
4.212	COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22	UNCOATED PRINTING AND WRITING PAPER	448	448	481	481	481	481
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	-	-
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	-	-
4.3	OTHER PAPER AND PAPERBOARD	1667	1733	1758	1758	1758	1758
4.31	HOUSEHOLD AND SANITARY PAPER	57	57	57	57	57	57
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1416	1482	1507	1507	1507	1507
4.321	LINERBOARD	483	483	483	483	483	483
4.3211	KRAFT LINER	454	454	454	454	454	454
4.32111	UNBLEACHED KRAFT LINER	454	454	454	454	454	454
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	29	29	29	29	29	29
4.322	FLUTING MEDIUM	227	227	227	227	227	227
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	227	227	227	227	227	227
4.323	KRAFT WRAPPING AND PACKAGING	293	293	293	293	293	293
4.3231	SACK KRAFT	283	283	283	283	283	283
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	10	10	10	10	10	10
4.324	FOLDING BOXBOARD	363	429	454	454	454	454
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	363	429	454	454	454	454
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	50	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	194
4.331	OTHER PAPER N.E.S.	194	194	194	194	194	194
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

LEBANON

PROCESS	1984		1985		1986		1987		1988		1989	
	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 (A16 DRY) PER YEAR											
1 WOOD PULP FOR PAPER AND PAPERBOARD	0	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	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	0	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	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	0	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	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	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	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	0	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	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	45	45	45	45	45	45
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	45	45	45	45	45	45
4.31 HOUSEHOLD AND SANITARY PAPER	2	2	2	2	2	2
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	43	43	43	43	43	43
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	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
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	20	20	20	20	20	20
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	20	20	20	20	20	20
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	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
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 1984-1989

MALAYSIA

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CITY	CF WHICH MARKET PULP	TOTAL CITY	CF WHICH MARKET PULP	TOTAL CITY	CF WHICH MARKET PULP	TOTAL CITY	CF WHICH MARKET PULP	TOTAL CITY	TOTAL 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	80	83	83	103	505	505
4.1 NEWSPRINT	0	0	0	0	150	150
4.2 OTHER PRINTING AND WRITING PAPER	3	3	3	3	255	255
4.21 COATED PRINTING AND WRITING PAPER	-	-	-	-	40	40
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	-	-	-	-	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	-	-	-	-	40	40
4.22 UNCOATED PRINTING AND WRITING PAPER	-	-	-	-	215	215
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	-	-	-	-	0	0
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	-	-	-	-	215	215
4.3 OTHER PAPER AND PAPERBOARD	77	80	80	100	100	100
4.31 HOUSEHOLD AND SANITARY PAPER	32	35	35	41	41	41
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	29	29	29	43	43	43
4.321 LINERBOARD	9	9	9	20	20	20
4.3211 KRAFT LINER	-	-	-	-	-	-
4.32111 UNBLEACHED KRAFT LINER	-	-	-	-	-	-
4.32112 BLEACHED KRAFT LINER	-	-	-	-	-	-
4.3212 OTHER LINERBOARD	-	-	-	-	-	-
4.322 FLUTING MEDIUM	6	6	6	9	9	9
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	6	6	6	9	9	9
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	14	14	14	14	14	14
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	14	14	14	14	14	14
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	16	16	16	16	16	16
4.331 OTHER PAPER N.E.S.	13	13	13	13	13	13
4.332 OTHER PAPERBOARD N.E.S.	3	3	3	3	3	3

MONGOLIA

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	TOTAL CAPACITY 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

	1984	1985	1986	1987	1988	1989
	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.	-	-	-	-	-

NEPAL

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL	CF	TOTAL	OF	TOTAL	CF	TOTAL	OF	TOTAL	TOTAL
	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	CAPA-
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY
		PULP		PULP		PULP		PULP		
	1000 METRIC TONS (AIF 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	4	4	16	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	LINEBOARD	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 LINEBOARD	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 FCIDING 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.	-	-	-	-	-

PHILIPPINES

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	162	0	162	0	162	0	162	0	162	162
1.1	MECHANICAL PULP	37	0	37	0	37	0	37	0	37	37
1.11	MECHANICAL NON-CONIFEROUS PULP	37	0	37	0	37	0	37	0	37	37
1.12	MECHANICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	15	0	15	0	15	0	15	0	15	15
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	15	0	15	0	15	0	15	0	15	15
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	0	110	0	110	0	110	0	92	92
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	66	0	66	0	66	0	66	0	66	66
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	66	0	66	0	66	0	66	0	66	66
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA PULP	44	0	44	0	44	0	44	0	26	26
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	33	0	33	0	33	0	33	0	33	33
2.1	PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2	PULP OF BAGASSE	22	0	22	0	22	0	22	0	22	22
2.3	PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4	PULP OF OTHER FIBRE	11	0	11	0	11	0	11	0	11	11
3	DISSOLVING PULP, WOOD+OTHER FIBRE 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

	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	476	479	484	492	524	534			
4.1	NEWSPRINT	107	107	107	107	129	136			
4.2	OTHER PRINTING AND WRITING PAPER	85	88	93	101	104	105			
4.21	COATED PRINTING AND WRITING PAPER	.	.	.	.	.	.
4.211	COATED WOOD CONTAINING PRINTING & WRITING PAPER	0	0	0	0	0	0			
4.212	COATED WOODFREE PRINTING & WRITING PAPER	.	.	.	.	.	.
4.22	UNCOATED PRINTING AND WRITING PAPER	.	.	.	.	.	.
4.221	UNCOATED WOOD CONTAINING PRINTING & WRITING PAPER	.	.	.	.	.	.
4.222	UNCOATED WOODFREE PRINTING & WRITING PAPER	.	.	.	.	.	.
4.3	OTHER PAPER AND PAPERBOARD	284	284	284	284	291	293			
4.31	HOUSEHOLD AND SANITARY PAPER	24	24	24	24	24	24			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	222	222	222	222	229	231			
4.321	LINERBOARD	67	67	67	67	74	76			
4.3211	KRAFT LINER	67	67	67	67	74	76			
4.32111	UNBLEACHED KRAFT LINER	67	67	67	67	74	76			
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	44	44	44	44	44	44			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0			
4.3222	OTHER FLUTING MEDIUM	44	44	44	44	44	44			
4.323	KRAFT WRAPPING AND PACKAGING	55	55	55	55	55	55			
4.3231	SACK KRAFT	55	55	55	55	55	55			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0			
4.324	FOLDING BOXBOARD	56	56	56	56	56	56			
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	56	56	56	56	56	56			
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	38	38	38	38	38	38			
4.331	OTHER PAPER N.E.S.	.	.	.	.	.	.
4.332	OTHER PAPERBOARD N.E.S.	.	.	.	.	.	.

SINGAPORE

PROCESS	1984		1985		1986		1987		1988	1989
	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	47	47	47	47	47
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	47	47	47	47	47
4.31	HOUSEHOLD AND SANITARY PAPER	5	5	5	5	5
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	42	42	42	42	42
4.321	LINERBOARD	3	3	3	3	3
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	3	3	3	3	3
4.322	FLUTING MEDIUM	21	21	21	21	21
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	21	21	21	21	21
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	18	18	18	18	18
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	18	18	18	18	18
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

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

SRI LANKA

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF 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	7	0	8	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	13	0	16	0	17	0	17	0	18	18
2.1	PULP OF STRAW	13	0	16	0	17	0	17	0	18	18
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

	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	9	34	36	38	40	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	1984		1985		1986		1987		1988		1989	
	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	0	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	0	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	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	0	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	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	0	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	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	0	0	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	0	32	32
2.1 PULP OF STRAW	32	0	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	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

	1984	1985	1986	1987	1988	1989
	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 LINEBOARD	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 LINEBOARD	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

TURKEY

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	466	0	522	0	522	0	522	0	522	522
1.1 MECHANICAL PULP	126	0	176	0	176	0	176	0	176	176
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	126	0	176	0	176	0	176	0	176	176
1.2 THERMO-MECHANICAL PULP	80	0	80	0	80	0	80	0	80	80
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	80	0	80	0	80	0	80	0	80	80
1.3 SEMI-CHEMICAL PULP	28	0	28	0	28	0	28	0	28	28
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	28	0	28	0	28	0	28	0	28	28
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	232	0	238	0	238	0	238	0	238	238
1.41 UNBLEACHED SULPHITE PULP	24	0	24	0	24	0	24	0	24	24
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	24	0	24	0	24	0	24	0	24	24
1.42 BLEACHED SULPHITE PULP	20	0	20	0	20	0	20	0	20	20
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	20	0	20	0	20	0	20	0	20	20
1.43 UNBLEACHED SULPHATE PULP	118	0	124	0	124	0	124	0	124	124
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	118	0	124	0	124	0	124	0	124	124
1.44 BLEACHED SULPHATE+SODA PULP	70	0	70	0	70	0	70	0	70	70
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	70	0	70	0	70	0	70	0	70	70

2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	103	0	103	0	103	0	103	0	103	103
2.1 PULP OF STRAW	77	0	77	0	77	0	77	0	77	77
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	26	0	26	0	26	0	26	0	26	26

3 DISSOLVING PULP, WOOD+OTHER FAN MATERIALS	15	0	15	0	15	0	15	0	15	15
3.1 NON-CONIFEROUS DISSOLVING PULP	15	0	15	0	15	0	15	0	15	15
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

PROCESS	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	821	877	877	877	877	877
4.1 NEWSPRINT	183	233	233	233	233	233
4.2 OTHER PRINTING AND WRITING PAPER	104	104	104	104	104	104
4.21 COATED PRINTING AND WRITING PAPER	20	20	20	20	20	20
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	20	20	20	20	20	20
4.22 UNCOATED PRINTING AND WRITING PAPER	84	84	84	84	84	84
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	56	56	56	56	56	56
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	28	28	28	28	28	28
4.3 OTHER PAPER AND PAPERBOARD	534	540	540	540	540	540
4.31 HOUSEHOLD AND SANITARY PAPER	20	20	20	20	20	20
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	509	515	515	515	515	515
4.321 LINEBOARD	64	70	70	70	70	70
4.3211 KRAFT LINER	58	64	64	64	64	64
4.32111 UNBLEACHED KRAFT LINER	58	64	64	64	64	64
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINEBOARD	6	6	6	6	6	6
4.322 FLUTING MEDIUM	121	121	121	121	121	121
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	121	121	121	121	121	121
4.323 KRAFT WRAPPING AND PACKAGING	88	88	88	88	88	88
4.3231 SACK KRAFT	75	75	75	75	75	75
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	13	13	13	13	13	13
4.324 FOLDING BOXBOARD	110	110	110	110	110	110
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	110	110	110	110	110	110
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	126	126	126	126	126	126
4.3251 OTHER WRAPPING PAPER	21	21	21	21	21	21
4.3252 OTHER PACKAGING PAPERBOARD	105	105	105	105	105	105
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	5	5	5	5	5	5
4.331 OTHER PAPER N.E.S.	5	5	5	5	5	5
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

ALBANIA

PROCESS	1984		1985		1986		1987		1988		1989	
	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
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	10	0	10	0	10	0	10	0	10	0	10	0
1.41 UNBLEACHED SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.42 BLEACHED SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.43 UNBLEACHED SULPHATE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.44 BLEACHED SULPHATE+SODA PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	.	0	.	0	.	0	.	0	.	0	.	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	.	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
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

	1984	1985	1986	1987	1988	1989
	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
4.2 OTHER PRINTING AND WRITING PAPER	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
4.31 HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0	0
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	8	8	8	8	8	8
4.321 LINEBOARD	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 LINEBOARD	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.	8	8	8	8	8	8
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPERBOARD	8	8	8	8	8	8
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 1984-1989

AUSTRIA

PROCESS	1984		1985		1986		1987		1988	1989
	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	1292	322	1376	408	.	.	.	.	.
1.1	MECHANICAL PULP	255	1	215	1	.	.	.	.	.
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	255	1	215	1	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.
1.32	SEMI-CHEMICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.
1.4	CHEMICAL PULP TOTAL	1037	321	1161	407	.	.	.	.	.
1.41	UNBLEACHED SULPHITE PULP	94	7	67	7	.	.	.	.	.
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	50	7	37	7	.	.	.	.	.
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	44	0	30	0	.	.	.	.	.
1.42	BLEACHED SULPHITE PULP	569	258	568	200	.	.	.	.	.
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	70	.	75	.	.	.	.	.	.
1.422	BLEACHED CONIFEROUS SULPHITE PULP	499	.	493	.	.	.	.	.	.
1.43	UNBLEACHED SULPHATE PULP	324	50	369	60	.	.	.	.	.
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	324	50	369	60	.	.	.	.	.
1.44	BLEACHED SULPHATE+SODA PULP	50	6	157	140	.	.	.	.	.
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	50	6	157	140	.	.	.	.	.
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 FIBRE MATERIALS	141	4	141	.	.	.	.	.	.
3.1	NON-CONIFEROUS DISSOLVING PULP	141	4	141	.	.	.	.	.	.
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0

	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD	2198	2447	.	.	.	.	.	.	.
4.1	NEWSPRINT	225	320	.	.	.	.	.	.	.
4.2	OTHER PRINTING AND WRITING PAPER	899	981	.	.	.	.	.	.	.
4.21	COATED PRINTING AND WRITING PAPER	433	464	.	.	.	.	.	.	.
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	22	.	.	.	.	.	.	.	.
4.212	COATED WOODFREE PRINTING & WRITING PAPER	411	.	.	.	.	.	.	.	.
4.22	UNCOATED PRINTING AND WRITING PAPER	466	517	.	.	.	.	.	.	.
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	190	210	.	.	.	.	.	.	.
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	276	307	.	.	.	.	.	.	.
4.3	OTHER PAPER AND PAPERBOARD	1074	1146	.	.	.	.	.	.	.
4.31	HOUSEHOLD AND SANITARY PAPER	111	115	.	.	.	.	.	.	.
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	913	981	.	.	.	.	.	.	.
4.321	LINERBOARD	119	148	.	.	.	.	.	.	.
4.3211	KRAFT LINER	119	148	.	.	.	.	.	.	.
4.32111	UNBLEACHED KRAFT LINER	119	148	.	.	.	.	.	.	.
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	223	230	.	.	.	.	.	.	.
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	.	.	.	.	.	.	.	.	.
4.3222	OTHER FLUTING MEDIUM	.	.	.	.	.	.	.	.	.
4.323	KRAFT WRAPPING AND PACKAGING	190	200	.	.	.	.	.	.	.
4.3231	SACK KRAFT	140	150	.	.	.	.	.	.	.
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	50	50	.	.	.	.	.	.	.
4.324	FOLDING BOXBOARD	313	335	.	.	.	.	.	.	.
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.	68	68	.	.	.	.	.	.	.
4.3251	OTHER WRAPPING PAPER	45	45	.	.	.	.	.	.	.
4.3252	OTHER PACKAGING PAPERBOARD	23	23	.	.	.	.	.	.	.
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	50	50	.	.	.	.	.	.	.
4.331	OTHER PAPER N.E.S.	36	36	.	.	.	.	.	.	.
4.332	OTHER PAPERBOARD N.E.S.	14	14	.	.	.	.	.	.	.

BELGIUM-LUXEMBOURG

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	OF WHICH MARKET POLP	TOTAL CAPA- CITY	OF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD POLP FOR PAPER AND PAPERBOARD	345	0	345	0	367	0	412	0	425	437
1.1	MECHANICAL POLP	120	0	120	0	125	0	100	0	100	100
1.11	MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS POLP	120	0	120	0	125	0	100	0	100	100
1.2	THERMO-MECHANICAL POLP	.	.	.	.	30	.	60	.	63	75
1.21	THERMO-MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS POLP	.	.	.	.	30	.	60	.	63	75
1.3	SEMI-CHEMICAL POLP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL POLP TOTAL	225	0	225	0	232	0	252	0	262	262
1.41	UNBLEACHED SULPHITE POLP	2	.	2	.	2	.	2	.	2	2
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE POLP	2	.	2	.	2	.	2	.	2	2
1.42	BLEACHED SULPHITE POLP	30	0	30	0	30	0	30	0	30	30
1.421	BLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE POLP	30	0	30	0	30	0	30	0	30	30
1.43	UNBLEACHED SULPHATE POLP	0	0	0	0	0	0	0	0	0	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE POLP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE POLP	0	0	0	0	0	0	0	0	0	0
1.44	BLEACHED SULPHATE+SODA POLP	193	0	193	0	200	0	220	0	230	230
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA POLP	193	0	193	0	200	0	220	0	230	230
1.442	BLEACHED CONIFEROUS SULPHATE+SODA POLP	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 POLP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1	NON-CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0	0
3.2	CONIFEROUS DISSOLVING POLP	0	0	0	0	0	0	0	0	0	0

1984 1985 1986 1987 1988 1989											

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR											
4	PAPER AND PAPERBOARD	912	933	995	1173	1185	1201				
4.1	NEWSPRINT	110	110	110	110	120	135				
4.2	OTHER PRINTING AND WRITING PAPER	438	443	496	671	671	671				
4.21	COATED PRINTING AND WRITING PAPER	218	225	228	403	403	403				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	136	139	142	317	317	317				
4.212	COATED WOODFREE PRINTING & WRITING PAPER	82	86	86	86	86	86				
4.22	UNCOATED PRINTING AND WRITING PAPER	220	218	268	268	268	268				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	156	156	206	206	206	206				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	64	62	62	62	62	62				
4.3	OTHER PAPER AND PAPERBOARD	364	380	389	392	394	395				
4.31	HOUSEHOLD AND SANITARY PAPER	108	108	109	110	110	110				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	205	219	224	222	222	221				
4.321	LINERBOARD	61	66	68	68	68	68				
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	61	66	68	68	68	68				
4.322	FLUTING MEDIUM	41	45	47	47	47	47				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	5	9	11	11	11	11				
4.3222	OTHER FLUTING MEDIUM	36	36	36	36	36	36				
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	33	35	36	36	36	36				
4.3241	PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0				
4.32411	BLEACHED CHEMICAL POLP FOLDING BOXBOARD	0	0	0	0	0	0				
4.32412	OTHER POLP BASED FOLDING BOXBOARD	0	0	0	0	0	0				
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	.	.	.	.	.	.
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	70	73	73	71	71	70				
4.3251	OTHER WRAPPING PAPER	38	38	38	36	36	35				
4.3252	OTHER PACKAGING PAPERBOARD	32	35	35	35	35	35				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	51	53	56	60	62	64				
4.331	OTHER PAPER N.E.S.	27	29	31	35	36	38				
4.332	OTHER PAPERBOARD N.E.S.	24	24	25	25	26	26				

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

DENMARK		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL CF		TOTAL OF		TOTAL CF		TOTAL OF		TOTAL		TOTAL	
		CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	WHICH	CAPA-	CAPA-	CITY	CITY
		CITY		CITY		CITY		CITY		CITY		CITY	
		MARKET		MARKET		MARKET		MARKET		MARKET		MARKET	
		PULP		PULP		PULP		PULP		PULP		PULP	
1000 METRIC TONS (AIR DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	70	70	70	70	70	70	70	70	70	70	70	70
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	70	70	70	70	70	70	70	70	70	70	70	70
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	70	70	70	70	70	70	70	70	70	70	70	70
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	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	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	0	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	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	0	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	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	0	0	0	0	0	0	0	0	0	0	0	0
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	65	32	70	32	75	32	76	32	76	32	76	76
2.1	PULP OF STRAW	65	32	70	32	75	32	76	32	76	32	76	76
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
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR													
4	PAPER AND PAPERBOARD			375	382	390	390	390	390				
4.1	NEWSPRINT			0	0	0	0	0	0				
4.2	OTHER PRINTING AND WRITING PAPER			157	157	157	157	157	157				
4.21	COATED PRINTING AND WRITING PAPER			35	35	35	35	35	35				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			5	5	5	5	5	5				
4.212	COATED WOODFREE PRINTING & WRITING PAPER			30	30	30	30	30	30				
4.22	UNCOATED PRINTING AND WRITING PAPER			122	122	122	122	122	122				
4.221	UNCOATED WOOD CONTAINING PRINT&WRITING PAPER			25	25	25	25	25	25				
4.222	UNCOATED WOODFREE PRINTING & WRITING PAPER			97	97	97	97	97	97				
4.3	OTHER PAPER AND PAPERBOARD			218	225	233	233	233	233				
4.31	HOUSEHOLD AND SANITARY PAPER			17	17	17	17	17	17				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			161	168	176	176	176	176				
4.321	LINERBOARD			32	32	32	32	32	32				
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			32	32	32	32	32	32				
4.322	FLUTING MEDIUM			103	110	118	118	118	118				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			43	45	48	48	48	48				
4.3222	OTHER FLUTING MEDIUM			60	65	70	70	70	70				
4.323	KRAFT WRAPPING AND PACKAGING			26	26	26	26	26	26				
4.3231	SACK KRAFT			0	0	0	0	0	0				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			26	26	26	26	26	26				
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			40	40	40	40	40	40				
4.331	OTHER PAPER N.E.S.			0	0	0	0	0	0				
4.332	OTHER PAPERBOARD N.E.S.			40	40	40	40	40	40				

FINLAND

PROCESS	1984		1985		1986		1987		1988	1989
	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									
1.1	8675	1850	8770	1770	8795	1695	8895	1700	9050	9075
	MECHANICAL PULP									
1.11	2650	50	2580	50	2490	50	2490	50	2490	2490
	MECHANICAL NON-CONIFEROUS PULP									
1.12	0	0	0	0	0	0	0	0	0	0
	THERMO-MECHANICAL PULP									
1.2	2690	50	2580	50	2490	50	2490	50	2490	2490
	THERMO-MECHANICAL NON-CONIFEROUS PULP									
1.21	945	0	980	0	1100	35	1120	50	1170	1170
	THERMO-MECHANICAL CONIFEROUS PULP									
1.22	0	0	0	0	0	0	0	0	0	0
	SEMI-CHEMICAL PULP									
1.3	945	0	980	0	1100	35	1120	50	1170	1170
	SEMI-CHEMICAL NON-CONIFEROUS PULP									
1.31	360	0	390	0	395	0	395	0	395	395
	SEMI-CHEMICAL CONIFEROUS PULP									
1.32	360	0	390	0	395	0	395	0	395	395
	CHEMICAL PULP TOTAL									
1.4	0	0	0	0	0	0	0	0	0	0
	UNBLEACHED SULPHITE PULP									
1.41	4680	1800	4820	1720	4810	1610	4890	1600	4995	5020
	UNBLEACHED NON-CONIFEROUS SULPHITE PULP									
1.411	215	135	190	100	130	50	140	55	130	130
	UNBLEACHED CONIFEROUS SULPHITE PULP									
1.412	0	0	0	0	0	0	0	0	0	0
	BLEACHED SULPHITE PULP									
1.42	215	135	190	100	130	50	140	55	130	130
	BLEACHED NON-CONIFEROUS SULPHITE PULP									
1.421	140	60	115	45	70	30	75	35	80	80
	BLEACHED CONIFEROUS SULPHITE PULP									
1.422	0	0	0	0	0	0	0	0	0	0
	UNBLEACHED SULPHATE PULP									
1.43	140	60	115	45	70	30	75	35	80	80
	UNBLEACHED NON-CONIFEROUS SULPHATE PULP									
1.431	960	155	945	145	930	140	850	50	845	840
	UNBLEACHED CONIFEROUS SULPHATE PULP									
1.432	15	15	15	15	10	10	10	10	5	0
	BLEACHED SULPHATE+SODA PULP									
1.44	945	140	930	130	920	130	840	40	840	840
	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP									
1.441	3365	1450	3570	1430	3680	1390	3825	1460	3940	3970
	BLEACHED CONIFEROUS SULPHATE+SODA PULP									
1.442	1490	820	1575	780	1650	790	1690	770	1745	1745
	BLEACHED CONIFEROUS SULPHATE+SODA PULP									
1.442	1875	630	1995	650	2030	600	2135	690	2195	2225
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD									
2.1	0	0	0	0	0	0	0	0	0	0
	PULP OF STRAW									
2.2	0	0	0	0	0	0	0	0	0	0
	PULP OF BAGASSE									
2.3	0	0	0	0	0	0	0	0	0	0
	PULP OF BAMBOO									
2.4	0	0	0	0	0	0	0	0	0	0
	PULP OF OTHER FIBRE									
3	DISSOLVING PULP, WOOD+OTHER FIBRE MATERIALS									
3.1	330	325	280	280	220	220	220	220	220	220
	NON-CONIFEROUS DISSOLVING PULP									
3.2	45	40	20	20	0	0	0	0	0	0
	CONIFEROUS DISSOLVING PULP									
3.2	285	285	260	260	220	220	220	220	220	220

1984 1985 1986 1987 1988 1989										

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										

4	PAPER AND PAPERBOARD									
4.1	7865	8140	8345	8580	8695	8720				
	NEWSPRINT									
4.2	1840	1760	1475	1465	1465	1465				
	OTHER PRINTING AND WRITING PAPER									
4.21	3380	3605	4005	4180	4230	4245				
	COATED PRINTING AND WRITING PAPER									
4.211	802	915	1060	1145	1180	1190				
	COATED WOOD CONTAINING PRINT&WRITING PAPER									
4.212	738	825	935	995	1015	1020				
	COATED WOODFREE PRINTING & WRITING PAPER									
4.22	64	90	125	150	165	170				
	UNCOATED PRINTING AND WRITING PAPER									
4.221	2578	2690	2945	3035	3050	3055				
	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER									
4.222	1808	1795	1965	2020	2025	2025				
	UNCOATED WOODFREE PRINTING & WRIT PAPER									
4.3	770	895	980	1015	1025	1030				
	OTHER PAPER AND PAPERBOARD									
4.31	2645	2775	2865	2935	3000	3010				
	HOUSEHOLD AND SANITARY PAPER									
4.32	165	165	165	175	175	175				
	WRAPPING AND PACKAGING PAPER AND BOARD									
4.321	2130	2205	2275	2305	2365	2375				
	LINERBOARD									
4.3211	345	340	340	360	370	380				
	KRAFT LINER									
4.32111	342	337	337	357	367	377				
	UNBLEACHED KRAFT LINER									
4.32112	277	267	257	267	267	267				
	BLEACHED KRAFT LINER									
4.3212	65	70	80	90	100	110				
	OTHER LINERBOARD									
4.322	3	3	3	3	3	3				
	FLUTING MEDIUM									
4.3221	330	370	370	370	370	370				
	SEMI-CHEMICAL FLUTING MEDIUM									
4.3222	0	0	0	0	0	0				
	OTHER FLUTING MEDIUM									
4.323	430	430	430	430	450	450				
	KRAFT WRAPPING AND PACKAGING									
4.3231	310	310	310	310	330	330				
	SACK KRAFT									
4.3232	120	120	120	120	120	120				
	OTHER KRAFT WRAPPING AND PACKAGING									
4.324	765	795	855	870	900	900				
	FOLDING BOXBOARD									
4.3241	725	790	850	865	895	895				
	PULP BASED FOLDING BOXBOARD									
4.32411	345	380	395	400	430	430				
	BLEACHED CHEMICAL PULP FOLDING BOXBOARD									
4.32412	380	410	455	465	465	465				
	OTHER PULP BASED FOLDING BOXBOARD									
4.3242	40	5	5	5	5	5				
	WASTE PAPER BASED FOLDING BOXBOARD									
4.325	260	270	280	275	275	275				
	OTHER WRAPPING AND PACKAGING N.E.S.									
4.3251	90	90	85	80	80	80				
	OTHER WRAPPING PAPER									
4.3252	170	180	195	195	195	195				
	OTHER PACKAGING PAPERBOARD									
4.33	350	405	425	455	460	460				
	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL									
4.331	245	280	295	320	325	325				
	OTHER PAPER N.E.S.									
4.332	105	125	130	135	135	135				
	OTHER PAPERBOARD N.E.S.									

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

FRANCE

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL OF CAPA- WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	2155	810	2195	840	2300	900	2380	930	2420	2460
1.1 MECHANICAL PULP	475	0	475	0	450	0	425	0	400	350
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	475	0	475	0	450	0	425	0	400	350
1.2 THERMO-MECHANICAL PULP	45	0	45	0	70	0	95	0	120	170
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	45	0	45	0	70	0	95	0	120	170
1.3 SEMI-CHEMICAL PULP	125	0	125	0	140	0	140	0	150	160
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	125	0	125	0	140	0	140	0	150	160
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	1510	810	1550	840	1640	900	1720	930	1750	1780
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	250	240	260	250	270	260	280	270	290	300
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	30	20	30	20	30	20	30	20	30	30
1.422 BLEACHED CONIFEROUS SULPHITE PULP	220	220	230	230	240	240	250	250	260	270
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	770	570	790	590	870	640	890	660	910	930
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	500	350	520	370	540	390	560	410	580	600
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	270	220	270	220	330	250	330	250	330	330

2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	20	15	20	15	20	15	20	15	20	20
2.1 PULP OF STRAW	.	.	.	.	.	.	.	.	.	.
2.2 PULP OF BAGASSE	.	.	.	.	.	.	.	.	.	.
2.3 PULP OF BAMBOO	.	.	.	.	.	.	.	.	.	.
2.4 PULP OF OTHER FIBRE	.	.	.	.	.	.	.	.	.	.
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	10	10	10	10	10	10	10	10	10	10
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	10	10	10	10	10	10	10	10	10	10

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	5707	5885	6162	6434	6585	6585
4.1 NEWSPRINT	354	354	354	354	354	354
4.2 OTHER PRINTING AND WRITING PAPER	2280	2355	2465	2580	2634	2634
4.21 COATED PRINTING AND WRITING PAPER	798	824	863	903	922	922
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	455	470	492	515	525	525
4.212 COATED WOODFREE PRINTING & WRITING PAPER	343	354	371	388	397	397
4.22 UNCOATED PRINTING AND WRITING PAPER	1482	1531	1602	1677	1712	1712
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	296	306	320	335	342	342
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	1186	1225	1282	1342	1370	1370
4.3 OTHER PAPER AND PAPERBOARD	3073	3176	3343	3500	3597	3597
4.31 HOUSEHOLD AND SANITARY PAPER	215	222	234	245	252	252
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	2612	2700	2841	2975	3057	3057
4.321 LINEBOARD	940	972	1023	1071	1100	1100
4.3211 KRAFT LINER	300	300	300	300	300	300
4.32111 UNBLEACHED KRAFT LINER	260	260	260	260	260	260
4.32112 BLEACHED KRAFT LINER	40	40	40	40	40	40
4.3212 OTHER LINEBOARD	640	672	723	771	800	800
4.322 FLUTING MEDIUM	653	675	710	744	764	764
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	175	175	175	175	175	175
4.3222 OTHER FLUTING MEDIUM	478	500	535	569	589	589
4.323 KRAFT WRAPPING AND PACKAGING	261	270	284	297	306	306
4.3231 SACK KRAFT	110	110	110	110	110	110
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	151	160	174	187	196	196
4.324 FOLDING BOXBOARD	366	378	398	417	428	428
4.3241 PULP BASED FOLDING BOXBOARD	150	150	150	150	150	150
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	15	15	15	15	15	15
4.32412 OTHER PULP BASED FOLDING BOXBOARD	135	135	135	135	135	135
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	216	228	248	267	278	278
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	392	405	426	446	459	459
4.3251 OTHER WRAPPING PAPER	200	200	200	200	200	200
4.3252 OTHER PACKAGING PAPERBOARD	192	205	226	246	259	259
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	246	254	268	280	288	288
4.331 OTHER PAPER N.E.S.	225	225	225	225	225	225
4.332 OTHER PAPERBOARD N.E.S.	21	29	43	55	63	63

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

GERMANY, FEDERAL REPUBLIC OF

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF 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	2070	120	2130	119	2265	101	2287	98	2293	2300
1.1 MECHANICAL PULP	1400	8	1459	8	1623	8	1637	8	1640	1645
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	1400	8	1459	8	1623	8	1637	8	1640	1645
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	80	80
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	67	0	67	0	67	0	67	0	68	68
1.32 SEMI-CHEMICAL CONIFEROUS PULP	12	0	12	0	12	0	12	0	12	12
1.4 CHEMICAL PULP TOTAL	591	112	592	111	563	93	571	90	573	575
1.41 UNBLEACHED SULPHITE PULP	7	0	7	0	7	0	7	0	7	7
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	7	0	7	0	7	0	7	0	7	7
1.42 BLEACHED SULPHITE PULP	584	112	585	111	556	93	564	90	566	568
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	199	32	199	31	201	28	201	27	202	203
1.422 BLEACHED CONIFEROUS SULPHITE PULP	385	80	386	80	355	65	363	63	364	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	188	188	189	189	191	191	191	191	191	192
3.1 NON-CONIFEROUS DISSOLVING PULP	109	109	112	112	109	109	109	109	109	110
3.2 CONIFEROUS DISSOLVING PULP	79	79	77	77	82	82	82	82	82	82

PROCESS	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	9865	10240	10750	11100	11250	11420
4.1 NEWSPRINT	819	877	904	914	920	930
4.2 OTHER PRINTING AND WRITING PAPER	3925	4064	4297	4572	4684	4770
4.21 COATED PRINTING AND WRITING PAPER	1620	1693	1867	2025	2103	2130
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	1620	1693	1867	2025	2103	2130
4.212 COATED WOODFREE PRINTING & WRITING PAPER	0	0	0	0	0	0
4.22 UNCOATED PRINTING AND WRITING PAPER	2305	2371	2430	2547	2581	2640
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	1155	1186	1213	1297	1325	1350
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	1150	1185	1217	1250	1256	1290
4.3 OTHER PAPER AND PAPERBOARD	5121	5299	5549	5614	5646	5720
4.31 HOUSEHOLD AND SANITARY PAPER	676	701	742	751	756	760
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	3808	3957	4153	4191	4210	4267
4.321 LINERBOARD	894	928	1017	1038	1048	1061
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	893	927	1016	1037	1047	1060
4.322 FLUTING MEDIUM	1000	1042	1103	1097	1094	1104
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	104	109	110	110	111	114
4.3222 OTHER FLUTING MEDIUM	896	933	993	987	983	990
4.323 KRAFT WRAPPING AND PACKAGING	72	72	72	72	72	72
4.3231 SACK KRAFT	8	8	8	8	8	8
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	64	64	64	64	64	64
4.324 FOLDING BOXBOARD	652	704	720	724	726	740
4.3241 PULP BASED FOLDING BOXBOARD	38	39	40	40	40	40
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	38	39	40	40	40	40
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	654	665	680	684	686	700
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	1150	1211	1241	1260	1270	1290
4.3251 OTHER WRAPPING PAPER	428	435	434	435	435	440
4.3252 OTHER PACKAGING PAPERBOARD	722	776	807	825	835	850
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	637	641	654	672	680	693
4.331 OTHER PAPER N.E.S.	515	523	536	552	560	573
4.332 OTHER PAPERBOARD N.E.S.	122	118	118	120	120	120

HUNGARY

PROCESS	1984		1985		1986		1987		1988		1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	87	0	92	0	104	0	104	0	104	0	104
1.1	MECHANICAL PULP	13	0	18	0	27	0	27	0	27	0	27
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	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	62	0	62	0	65	0	65	0	65	0	65
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	62	0	62	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	12	0	12	0	12	0	12	0	12	0	12
1.41	UNBLEACHED SULPHITE PULP	12	0	12	0	12	0	12	0	12	0	12
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	7	0	7	0	7	0	7	0	7	0	7
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	5	0	5	0	5	0	5	0	5	0	5
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	21	0	20	0	25	0	30	0	30	0	30
2.1	PULP OF STRAW	21	0	20	0	25	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

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	506	521	530	546	573	589
4.1	NEWSPRINT	0	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	140	152	160	167	170	172
4.21	COATED PRINTING AND WRITING PAPER	1	11	13	13	13	13
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	1	11	13	13	13	13
4.22	UNCOATED PRINTING AND WRITING PAPER	139	141	147	154	157	159
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	60	60	62	62	62	62
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	79	81	85	92	95	97
4.3	OTHER PAPER AND PAPERBOARD	366	369	370	379	403	417
4.31	HOUSEHOLD AND SANITARY PAPER	24	25	25	25	25	25
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	304	306	306	315	335	346
4.321	LINERBOARD	18	18	18	18	19	20
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	18	18	18	18	19	20
4.322	FLUTING MEDIUM	135	136	136	140	149	154
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	62	63	63	65	69	71
4.3222	OTHER FLUTING MEDIUM	73	73	73	75	80	83
4.323	KRAFT WRAPPING AND PACKAGING	48	48	48	50	53	55
4.3231	SACK KRAFT	48	48	48	50	53	55
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	0	0	0	0	0	0
4.324	FOLDING BOXBOARD	26	26	26	27	28	29
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	16	16	16	17	18	19
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	77	78	78	80	86	88
4.3251	OTHER WRAPPING PAPER	2	30	30	30	30	30
4.3252	OTHER PACKAGING PAPERBOARD	4	48	48	50	56	58
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	36	38	39	39	43	46
4.331	OTHER PAPER N.E.S.	17	17	18	18	22	25
4.332	OTHER PAPERBOARD N.E.S.	21	21	21	21	21	21

IRELAND

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CF CAPA- WHICH CITY MARKET PULP	TOTAL OF CAPA- WHICH CITY MARKET PULP	TOTAL CF CAPA- WHICH CITY MARKET PULP	TOTAL OF CAPA- WHICH CITY MARKET PULP	TOTAL CF CAPA- WHICH CITY MARKET PULP	TOTAL OF CAPA- WHICH CITY MARKET PULP	TOTAL CF 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	22	17	22	17	22	17	22	17	22	22
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	22	17	22	17	22	17	22	17	22	22
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.22	THERMO-MECHANICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	76	76	76	76	76
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	18	18	18	18	18
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	18	18	18	18	18
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	.	.	.	.	.
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	.	.	.	.	.
4.3	OTHER PAPER AND PAPERBOARD	58	58	58	58	58
4.31	HOUSEHOLD AND SANITARY PAPER	0	0	0	0	0
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	56	56	56	56	56
4.321	LINERBOARD	3	3	3	3	3
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	3	3	3	3	3
4.322	FLUTING MEDIUM	13	13	13	13	13
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	13	13	13	13	13
4.323	KRAFT WRAPPING AND PACKAGING	18	18	18	18	18
4.3231	SACK KRAFT	4	4	4	4	4
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	14	14	14	14	14
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.	22	22	22	22	22
4.3251	OTHER WRAPPING PAPER	4	4	4	4	4
4.3252	OTHER PACKAGING PAPERBOARD	18	18	18	18	18
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	2	2	2	2	2
4.331	OTHER PAPER N.E.S.	2	2	2	2	2
4.332	OTHER PAPERBOARD N.E.S.	0	0	0	0	0

NETHEELANDS

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	TOTAL CAPACITY CITY	
1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	150	0	150	0	236	0	266	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	150	0	180	0	180	180
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	64	0	64	0	150	0	180	0	180	180
1.3	SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	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

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
	1984	1985	1986	1987	1988	1989				
4	PAPER AND PAPERBOARD	1887	1889	1978	2008	2008	2008			
4.1	NEWSPRINT	211	211	300	330	330	330			
4.2	OTHER PRINTING AND WRITING PAPER	577	577	577	577	577	577			
4.21	COATED PRINTING AND WRITING PAPER	276	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	301	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	272	272	272	272	272	272			
4.3	OTHER PAPER AND PAPERBOARD	1099	1101	1101	1101	1101	1101			
4.31	HOUSEHOLD AND SANITARY PAPER	144	144	144	144	144	144			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	898	900	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	248	248	248	248	248	248			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0			
4.3222	OTHER FLUTING MEDIUM	248	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	113	115	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			

POLAND

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	CF 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	947	0	928	0	986	0	1025	0	1025	1025
1.1	MECHANICAL PULP	162	0	173	0	173	0	173	0	173	173
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	162	0	173	0	173	0	173	0	173	173
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	89	0	89	0	110	0	144	0	144	144
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	89	0	89	0	110	0	144	0	144	144
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	696	0	666	0	703	0	708	0	708	708
1.41	UNBLEACHED SULPHITE PULP	32	0	33	0	33	0	33	0	33	33
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	32	0	33	0	33	0	33	0	33	33
1.42	BLEACHED SULPHITE PULP	71	0	71	0	77	0	77	0	77	77
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	71	0	71	0	77	0	77	0	77	77
1.43	UNBLEACHED SULPHATE PULP	365	0	334	0	365	0	370	0	370	370
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	365	0	334	0	365	0	370	0	370	370
1.44	BLEACHED SULPHATE+SODA PULP	228	0	228	0	228	0	228	0	228	228
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	72	0	72	0	72	0	72	0	72	72
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	156	0	156	0	156	0	156	0	156	156
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	3	0	3	0	3	0	3	0	3	3
2.1	PULP OF STRAW	1	0	1	0	1	0	1	0	1	1
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 FIBRE MATERIALS	67	0	67	0	67	0	67	0	67	67
3.1	NON-CONIFEROUS DISSOLVING PULP	61	0	61	0	61	0	61	0	61	61
3.2	CONIFEROUS DISSOLVING PULP	6	0	6	0	6	0	6	0	6	6

	1984	1985	1986	1987	1988	1989	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	1373	1447	1508	1560	1646	1646
4.1	NEWSPRINT	90	90	90	97	97	97
4.2	OTHER PRINTING AND WRITING PAPER	226	302	368	378	378	378
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	1057	1055	1050	1085	1171	1171
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	0	0	0	0	0	0
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.	.	.	.	.	.	.

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

PORTUGAL

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CF CAPA- CITY	CF WHICH MARKET PULP	TOTAL CF CAPA- CITY	CF WHICH MARKET PULP	TOTAL CF CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	1238	1023	1301	1096	1319	1102	1323	1106	1348	1348
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	1238	1023	1301	1096	1319	1102	1323	1106	1348	1348
1.41	UNBLEACHED SULPHITE PULP	98	98	108	108	112	112	114	114	116	116
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	98	98	108	108	112	112	114	114	116	116
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	280	70	292	87	304	87	304	87	327	327
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	36	0	42	0	41	0	41	0	46	46
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	244	70	250	87	263	87	263	87	281	281
1.44	BLEACHED SULPHATE+SODA PULP	860	855	901	901	903	903	905	905	905	905
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	842	838	901	901	903	903	905	905	905	905
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	18	17	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	720	725	760	760	760
4.1	NEWSPRINT	0	0	0	0	0
4.2	OTHER PRINTING AND WRITING PAPER	130	130	130	130	130
4.21	COATED PRINTING AND WRITING PAPER	15	15	15	15	15
4.211	COATED WOOD CONTAINING PRINTING & WRITING PAPER	0	0	0	0	0
4.212	COATED WOODFREE PRINTING & WRITING PAPER	15	15	15	15	15
4.22	UNCOATED PRINTING AND WRITING PAPER	115	115	115	115	115
4.221	UNCOATED WOOD CONTAINING PRINTING & WRITING PAPER	0	0	0	0	0
4.222	UNCOATED WOODFREE PRINTING & WRITING PAPER	115	115	115	115	115
4.3	OTHER PAPER AND PAPERBOARD	590	595	630	630	630
4.31	HOUSEHOLD AND SANITARY PAPER	76	76	76	76	76
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	500	505	540	540	540
4.321	LINEBOARD	220	220	245	245	245
4.3211	KRAFT LINER	175	175	200	200	200
4.32111	UNBLEACHED KRAFT LINER	175	175	200	200	200
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0
4.3212	OTHER LINEBOARD	45	45	45	45	45
4.322	FLUTING MEDIUM	80	80	100	100	100
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	80	80	100	100	100
4.323	KRAFT WRAPPING AND PACKAGING	95	95	95	95	95
4.3231	SACK KRAFT	65	65	65	65	65
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	30	30	30	30	30
4.324	FOLDING BOXBOARD	75	75	75	75	75
4.3241	PULP BASED FOLDING BOXBOARD	35	35	35	35	35
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	10	10	10	10	10
4.32412	OTHER PULP BASED FOLDING BOXBOARD	25	25	25	25	25
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	40	40	40	40	40
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	30	35	25	25	25
4.3251	OTHER WRAPPING PAPER	.	.	.	.	.
4.3252	OTHER PACKAGING PAPERBOARD	.	.	.	.	.
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	14	14	14	14	14
4.331	OTHER PAPER N.E.S.	.	.	.	.	.
4.332	OTHER PAPERBOARD N.E.S.	.	.	.	.	.

SWEDEN

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY	
	1000 METRIC TONS (AIR DRY) PER YEAR										
1	WOOD PULP FOR PAPER AND PAPERBOARD	5615	3965	9835	4010	10410	4150	10710	4085	10915	11015
1.1	MECHANICAL PULP	1195	350	1105	345	1080	350	940	350	1025	1035
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	1195	350	1105	345	1080	350	940	350	1025	1035
1.2	THERMO-MECHANICAL PULP	1205	160	1335	145	1760	225	2080	240	2135	2160
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	1205	160	1335	145	1760	225	2080	240	2135	2160
1.3	SEMI-CHEMICAL PULP	250	0	265	0	275	0	275	0	275	310
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	250	0	265	0	275	0	275	0	275	310
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	6965	3455	7130	3520	7295	3575	7415	3495	7480	7510
1.41	UNBLEACHED SULPHITE PULP	215	70	160	65	160	65	155	65	155	150
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	215	70	160	65	160	65	155	65	155	150
1.42	BLEACHED SULPHITE PULP	570	415	595	455	610	460	610	450	610	610
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	120	80	125	85	135	90	130	85	130	130
1.422	BLEACHED CONIFEROUS SULPHITE PULP	450	335	470	370	475	370	480	365	480	480
1.43	UNBLEACHED SULPHATE PULP	2290	225	2385	285	2375	255	2360	230	2385	2410
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	105	0	290	5	125	5	130	5	130	130
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	2185	225	2095	280	2250	250	2230	225	2255	2280
1.44	BLEACHED SULPHATE+SODA PULP	3890	2745	3990	2715	4150	2795	4290	2750	4330	4340
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	950	555	1070	595	1120	595	1160	570	1180	1180
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	2940	2190	2920	2120	3030	2200	3130	2180	3150	3160

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

	1984	1985	1986	1987	1988	1989	
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4	PAPER AND PAPERBOARD	7375	7575	8075	8335	8650	8790
4.1	NEWSPRINT	1775	1775	2055	2120	2250	2255
4.2	OTHER PRINTING AND WRITING PAPER	1405	1445	1550	1615	1600	1625
4.21	COATED PRINTING AND WRITING PAPER	385	440	500	535	515	540
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	120	125	130	135	100	100
4.212	COATED WOODFREE PRINTING & WRITING PAPER	265	315	370	400	415	440
4.22	UNCOATED PRINTING AND WRITING PAPER	1020	1005	1050	1080	1085	1085
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	420	395	390	390	390	390
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	600	610	660	690	695	695
4.3	OTHER PAPER AND PAPERBOARD	4195	4355	4470	4600	4800	4910
4.31	HOUSEHOLD AND SANITARY PAPER	285	285	305	310	315	320
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	3570	3730	3815	3940	4125	4230
4.321	LINERBOARD	1210	1245	1285	1355	1470	1500
4.3211	KRAFT LINER	1200	1230	1270	1340	1455	1485
4.32111	UNBLEACHED KRAFT LINER	1030	1045	1070	1135	1220	1230
4.32112	BLEACHED KRAFT LINER	170	185	200	205	235	255
4.3212	OTHER LINERBOARD	10	15	15	15	15	15
4.322	FLUTING MEDIUM	295	305	320	320	325	325
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	290	300	315	315	320	320
4.3222	OTHER FLUTING MEDIUM	5	5	5	5	5	5
4.323	KRAFT WRAPPING AND PACKAGING	910	930	940	935	940	960
4.3231	SACK KRAFT	755	755	760	690	695	700
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	155	175	180	245	245	260
4.324	FOLDING BOXBOARD	575	595	590	630	640	645
4.3241	PULP BASED FOLDING BOXBOARD	485	505	505	525	530	535
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	215	215	230	250	255	260
4.32412	OTHER PULP BASED FOLDING BOXBOARD	270	290	275	275	275	275
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	90	90	85	105	110	110
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	580	655	680	700	750	800
4.3251	OTHER WRAPPING PAPER	60	60	60	55	55	55
4.3252	OTHER PACKAGING PAPERBOARD	520	595	620	645	695	745
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	340	340	350	350	360	360
4.331	OTHER PAPER N.E.S.	210	210	210	210	220	220
4.332	OTHER PAPERBOARD N.E.S.	130	130	140	140	140	140

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1985

SWITZERLAND

PROCESS	1984		1985		1986		1987		1988	1989
	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	325	120	330	125	330	125	335	125	335
1.1	MECHANICAL PULP	215	10	220	15	220	15	225	15	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
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	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
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

1984 1985 1986 1987 1988 1989										

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										

4	PAPER AND PAPERBOARD			1050	1055	1060	1065	1070	1070	
4.1	NEWSPRINT			250	250	250	250	250	250	
4.2	OTHER PRINTING AND WRITING PAPER			290	300	305	305	310	310	
4.21	COATED PRINTING AND WRITING PAPER			90	95	100	100	100	100	
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			60	65	65	65	65	65	
4.212	COATED WOODFREE PRINTING & WRITING PAPER			30	30	35	35	35	35	
4.22	UNCOATED PRINTING AND WRITING PAPER			200	205	205	205	210	210	
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			95	100	100	100	105	105	
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			105	105	105	105	105	105	
4.3	OTHER PAPER AND PAPERBOARD			510	505	505	510	510	510	
4.31	HOUSEHOLD AND SANITARY PAPER			110	110	110	110	110	110	
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			390	385	385	390	390	390	
4.321	LINERBOARD			205	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 FCIDING 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	90	90	95	95	95	
4.3251	OTHER WRAPPING PAPER			35	30	30	35	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	1984		1985		1986		1987		1988	1989
	TOTAL CF CAPA- WHICH CITY MARKET PULP		TOTAL CF CAPA- WHICH CITY MARKET PULP		TOTAL CF CAPA- WHICH CITY MARKET PULP		TOTAL CF 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	156	0	266	0	341	0	376	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	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	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 SAW 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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	3766	4003	4230	4320	4365	4393
4.1 NEWSPRINT	234	369	468	505	502	502
4.2 OTHER PRINTING AND WRITING PAPER	1023	1111	1189	1225	1241	1241
4.21 COATED PRINTING AND WRITING PAPER	342	405	415	423	425	425
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	2	2	2	2	2	2
4.212 COATED WOODFREE PRINTING & WRITING PAPER	340	403	413	421	423	423
4.22 UNCOATED PRINTING AND WRITING PAPER	681	706	774	802	816	816
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	13	14	14	15	16	16
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	668	692	760	787	800	800
4.3 OTHER PAPER AND PAPERBOARD	2509	2523	2573	2590	2622	2650
4.31 HOUSEHOLD AND SANITARY PAPER	472	472	504	512	531	559
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	1669	1677	1690	1698	1711	1711
4.321 LINERBOARD	274	310	311	314	319	319
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	274	310	311	314	319	319
4.322 FLUTING MEDIUM	535	535	541	544	550	550
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	138	146	148	149	150	150
4.3222 OTHER FLUTING MEDIUM	397	389	393	395	400	400
4.323 KRAFT WRAPPING AND PACKAGING	90	73	73	73	73	73
4.3231 SACK KRAFT	2	2	2	2	2	2
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	88	71	71	71	71	71
4.324 FOLDING BOXBOARD	242	234	235	236	237	237
4.3241 PULP BASED FOLDING BOXBOARD	188	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	188	188	188	188	188	188
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	54	46	47	48	49	49
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	528	525	530	531	532	532
4.3251 OTHER WRAPPING PAPER	219	210	212	214	216	216
4.3252 OTHER PACKAGING PAPERBOARD	309	315	318	317	316	316
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	368	374	379	380	380	380
4.331 OTHER PAPER N.E.S.	219	225	230	232	232	232
4.332 OTHER PAPERBOARD N.E.S.	149	149	149	148	148	148

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

YUGOSLAVIA

PROCESS	1984		1985		1986		1987		1988		1989	
	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP	TOTAL CAPACITY CITY	OF WHICH MARKET PULP
1000 METRIC TONS (AIR DRY) PER YEAR												
1	WOOD PULP FOR PAPER AND PAPERBOARD	706	.	706	.	706	.	706	.	706	.	706
1.1	MECHANICAL PULP	144	.	144	.	144	.	144	.	144	.	144
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	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	68	.	68	.	68	.	68	.	68	.	68
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.	.
1.32	SEMI-CHEMICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.	.
1.4	CHEMICAL PULP TOTAL	494	.	494	.	494	.	494	.	494	.	494
1.41	UNBLEACHED SULPHITE PULP	57	.	57	.	57	.	57	.	57	.	57
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.	.
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.	.
1.42	BLEACHED SULPHITE PULP	74	.	74	.	74	.	74	.	74	.	74
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.	.
1.422	BLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.	.
1.43	UNBLEACHED SULPHATE PULP	156	.	156	.	156	.	156	.	156	.	156
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	.	.	.	.	.	.	.	.	.	.	.
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	.	.	.	.	.	.	.	.	.	.	.
1.44	BLEACHED SULPHATE+SODA PULP	207	.	207	.	207	.	207	.	207	.	207
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	.	.	.	.	.	.	.	.	.	.	.
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	.	.	.	.	.	.	.	.	.	.	.
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	28	0	28	0	28	0	28	0	28	0	28
2.1	PULP OF STRAW	28	0	28	0	28	0	28	0	28	0	28
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	105	.	105	.	105	.	105	.	105	.	105
3.1	NON-CONIFEROUS DISSOLVING PULP	.	.	.	.	.	.	.	.	.	.	.
3.2	CONIFEROUS DISSOLVING PULP	.	.	.	.	.	.	.	.	.	.	.
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR												
4	PAPER AND PAPERBOARD			1320		1320		1320		1320		1320
4.1	NEWSPRINT			140		140		140		140		140
4.2	OTHER PRINTING AND WRITING PAPER			327		327		327		327		327
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			853		853		853		853		853
4.31	HOUSEHOLD AND SANITARY PAPER			71		71		71		71		71
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			631		631		631		631		631
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			151		151		151		151		151
4.331	OTHER PAPER N.E.S.			.		.		.		.		.
4.332	OTHER PAPERBOARD N.E.S.			.		.		.		.		.

AUSTRALIA

PROCESS	1984		1985		1986		1987		1988	1989
	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	1154	146	1157	146	1162	145	1166	116	1169	1173
1.1 MECHANICAL PULP	161	0	161	0	162	0	162	0	162	162
1.11 MECHANICAL NON-COMIFEROUS PULP	100	0	100	0	100	0	100	0	100	100
1.12 MECHANICAL CONIFEROUS PULP	61	0	61	0	62	0	62	0	62	62
1.2 THERMO-MECHANICAL PULP	251	0	251	0	251	0	251	0	251	251
1.21 THERMO-MECHANICAL NON-COMIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	251	0	251	0	251	0	251	0	251	251
1.3 SEMI-CHEMICAL PULP	384	95	385	95	386	94	388	94	389	390
1.31 SEMI-CHEMICAL NON-COMIFEROUS PULP	278	94	279	94	280	94	282	94	283	284
1.32 SEMI-CHEMICAL CONIFEROUS PULP	106	1	106	1	106	0	106	0	106	106
1.4 CHEMICAL PULP TOTAL	358	51	360	51	363	51	365	22	367	370
1.41 UNBLEACHED SULPHITE PULP	53	0	53	0	53	0	53	0	53	53
1.411 UNBLEACHED NON-COMIFEROUS 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-COMIFEROUS 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	145	22	145	22	145	22	145	22	145	145
1.431 UNBLEACHED NON-COMIFEROUS SULPHATE PULP	5	0	5	0	5	0	5	0	5	5
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	140	22	140	22	140	22	140	22	140	140
1.44 BLEACHED SULPHATE+SODA PULP	160	29	162	29	165	29	167	0	169	172
1.441 BLEACHED NON-COMIFEROUS SULPHATE+SODA PULP	133	29	134	29	136	29	138	0	139	141
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	27	0	28	0	29	0	29	0	30	31
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	10	0	10	0	10	0	11	0	11	11
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	10	0	10	0	10	0	11	0	11	11
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-COMIFEROUS 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

	1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR						
4 PAPER AND PAPERBOARD	1586	1598	1615	1657	1672	1689
4.1 NEWSPRINT	360	360	360	360	360	360
4.2 OTHER PRINTING AND WRITING PAPER	303	308	317	351	359	367
4.21 COATED PRINTING AND WRITING PAPER	39	40	41	42	43	44
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	18	18	19	19	20	20
4.212 COATED WOODFREE PRINTING & WRITING PAPER	21	22	22	23	23	24
4.22 UNCOATED PRINTING AND WRITING PAPER	264	268	276	309	316	323
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	70	71	73	74	75	77
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	194	197	203	235	241	246
4.3 OTHER PAPER AND PAPERBOARD	923	930	938	946	953	962
4.31 HOUSEHOLD AND SANITARY PAPER	69	69	69	69	69	69
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	794	800	808	816	822	830
4.321 LINERBOARD	420	423	426	429	432	436
4.3211 KRAFT LINER	16	16	16	16	16	17
4.32111 UNBLEACHED KRAFT LINER	16	16	16	16	16	17
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	404	407	410	413	416	419
4.322 FLUTING MEDIUM	136	137	139	143	144	146
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	136	137	139	143	144	146
4.3222 OTHER FLUTING MEDIUM	0	0	0	0	0	0
4.323 KRAFT WRAPPING AND PACKAGING	80	81	82	82	83	84
4.3231 SACK KRAFT	9	9	9	9	9	9
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	71	72	73	73	74	75
4.324 FOLDING BOXBOARD	158	159	161	162	163	164
4.3241 PULP BASED FOLDING BOXBOARD	35	35	36	36	36	36
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	10	10	10	10	10	10
4.32412 OTHER PULP BASED FOLDING BOXBOARD	25	25	26	26	26	26
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	123	124	125	126	127	128
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	60	61	61	61	62	63
4.331 OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332 OTHER PAPERBOARD N.E.S.	60	61	61	61	62	63

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

NEW ZEALAND

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CF 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	1476	830	1523	877	1523	877	1573	927	1573	1625
1.1 MECHANICAL PULP	590	331	590	331	590	331	590	331	590	590
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	590	331	590	331	590	331	590	331	590	590
1.2 THERMO-MECHANICAL PULP	74	74	121	121	121	121	121	121	121	121
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	74	74	121	121	121	121	121	121	121	121
1.3 SEMI-CHEMICAL PULP	27	5	27	5	27	5	27	5	27	27
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	7	0	7	0	7	0	7	0	7	7
1.32 SEMI-CHEMICAL CONIFEROUS PULP	20	5	20	5	20	5	20	5	20	20
1.4 CHEMICAL PULP TOTAL	785	420	785	420	785	420	835	470	835	887
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	510	288	510	288	510	288	535	313	535	587
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	510	288	510	288	510	288	535	313	535	587
1.44 BLEACHED SULPHATE+SODA PULP	275	132	275	132	275	132	300	157	300	300
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	13	0	13	0	13	0	13	0	13	13
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	262	132	262	132	262	132	287	157	287	287

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

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	1308	1308	1308	1308	1488	1488
4.1 NEWSPRINT	335	335	335	335	515	515
4.2 OTHER PRINTING AND WRITING PAPER	38	38	38	38	38	38
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	38	38	38	38	38	38
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	0	0	0	0	0	0
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	38	38	38	38	38	38
4.3 OTHER PAPER AND PAPERBOARD	935	935	935	935	935	935
4.31 HOUSEHOLD AND SANITARY PAPER	54	54	54	54	54	54
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	850	850	850	850	850	850
4.321 LINERBOARD	135	135	135	135	135	135
4.3211 KRAFT LINER	135	135	135	135	135	135
4.32111 UNBLEACHED KRAFT LINER	129	129	129	129	129	129
4.32112 BLEACHED KRAFT LINER	6	6	6	6	6	6
4.3212 OTHER LINERBOARD	0	0	0	0	0	0
4.322 FLUTING MEDIUM	11	11	11	11	11	11
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	8	8	8	8	8	8
4.3222 OTHER FLUTING MEDIUM	3	3	3	3	3	3
4.323 KRAFT WRAPPING AND PACKAGING	86	86	86	86	86	86
4.3231 SACK KRAFT	71	71	71	71	71	71
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	15	15	15	15	15	15
4.324 FOLDING BOXBOARD	126	126	126	126	126	126
4.3241 PULP BASED FOLDING BOXBOARD	126	126	126	126	126	126
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	126	126	126	126	126	126
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.	492	492	492	492	492	492
4.3251 OTHER WRAPPING PAPER	492	492	492	492	492	492
4.3252 OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	31	31	31	31	31	31
4.331 OTHER PAPER N.E.S.	31	31	31	31	31	31
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0

WOOD PULP FOR PAPER AND PAPERBOARD (1)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL OF CAPA- CITY	CF WHICH MARKET PULP	TOTAL OF CAPA- CITY	CF WHICH MARKET PULP	TOTAL OF CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
SOUTH AFRICA	1023	70	1473	185	1545	185	1613	185	1613	1613
ANGOLA	44	32	44	32	44	32	44	32	44	44
CAMBODIA	95	70	95	70	95	70	95	70	95	95
GABON	175	125	175	125	175	125	175	125	175	175
KENYA	60	0	60	0	60	0	60	0	60	60
MADAGASCAR	9	0	9	0	9	0	9	0	9	9
MOZAMBIQUE	95	95	95	95	95	95	95	95	95	95
NIGERIA	65	0	65	0	65	0	65	0	65	65
SWAZILAND	178	178	178	178	178	178	178	178	178	178
TANZANIA	19	0	38	0	53	0	60	0	60	60
ZIMBABWE	37	1	37	1	37	1	37	1	37	37
CANADA	23068	7710	23201	7470	23715	8000	23951	8128	24057	24057
UNITED STATES	50886	5502	51484	5889	52544	6050	53116	5953	53230	53230
ARGENTINA	640	185	640	185	640	185	658	185	778	794
BRAZIL	3522	1588	3681	1617	3883	1720	4153	1809	4273	4312
CHILE	876	517	876	517	996	613	1058	664	1109	1122
COLOMBIA	163	0	163	0	163	0	163	0	163	163
COSTA RICA	4	0	4	0	4	0	4	0	4	4
ECUADOR	6	0	6	0	6	0	6	0	6	6
MEXICO	664	0	706	0	744	0	756	0	854	854
PANAMA	2	0	2	0	2	0	2	0	2	2
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	35	0	35	0	35	0	35	0	35	35
VENEZUELA	35	0	35	0	35	0	35	0	35	35
CHINA	1125	0	1182	0	1182	0	1182	0	1182	1182
KOREA DEM PEOPLES REP	56	0	56	0	56	0	56	0	56	56
VIET-NAME	21	0	26	0	31	0	44	0	44	44
JAPAN	12066	1058	12021	1058	12391	1058	12566	1058	12611	12611
BANGLADESH	40	0	40	0	40	0	61	0	61	61
INDIA	624	66	664	70	724	70	750	70	750	750
INDONESIA	169	50	169	50	204	75	204	75	204	204
IRAN	120	0	225	0	225	0	225	0	225	225
KOREA, REPUBLIC OF	362	105	362	105	362	105	362	105	362	362
PAKISTAN	0	0	0	0	0	0	30	0	30	30
PHILIPPINES	162	0	162	0	162	0	162	0	144	144
SEI LANKA	0	0	0	0	7	0	8	0	8	8
THAILAND	54	0	69	0	77	0	77	0	77	77
TURKEY	466	0	522	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	1223	553	1223	553	1203	548	1203	536	1203	1203
GERMAN DEMOCRATIC REP	1020	0	1020	0	1020	0	1020	0	1020	1020
HUNGARY	87	0	92	0	104	0	104	0	104	104
POLAND	947	0	928	0	986	0	1025	0	1025	1025
ROMANIA	830	37	830	37	830	37	830	37	830	830
BELGIUM - LUXEMBOURG	345	0	385	0	387	0	412	0	425	437
DENMARK	70	70	70	70	70	70	70	70	70	70
FRANCE	2155	810	2195	840	2300	900	2380	930	2420	2460
GERMANY, FEDERAL REP OF	2070	120	2130	119	2265	101	2287	98	2293	2300
IRELAND	22	17	22	17	22	17	22	17	22	22
ITALY	900	0	900	0	900	0	900	0	900	900
NETHERLANDS	150	0	150	0	236	0	266	0	266	266
UNITED KINGDOM	156	0	266	0	341	0	376	0	376	376
FINLAND	8675	1850	8770	1770	8795	1695	8895	1700	9050	9075
NORWAY	2045	565	2100	615	2150	615	2150	615	2150	2150
SWEDEN	9615	3965	9835	4010	10410	4150	10710	4085	10915	11015
AUSTRIA	1292	322	1376	408	0	0	0	0	0	0
GREECE	90	0	90	0	90	0	90	0	90	90
PORTUGAL	1238	1023	1301	1096	1319	1102	1323	1106	1348	1348
SPAIN	1505	700	1510	700	1520	700	1595	700	1725	1725
SWITZERLAND	325	120	330	125	330	125	335	125	335	335
YUGOSLAVIA	706	0	706	0	706	0	706	0	706	706
AUSTRALIA	1154	146	1157	146	1162	145	1166	116	1169	1173
NEW ZEALAND	1476	830	1523	877	1523	877	1573	927	1573	1625
USSR	12050	2000	12050	2000	12050	2000	12050	2000	12050	12050

MECHANICAL PULP (1.1)

COUNTRY	1984		1985		1986		1987		1988	1989
	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	225	0	225	0	225	0	225	0	225	225
MADAGASCAR	6	0	6	0	6	0	6	0	6	6
TANZANIA	7	0	12	0	17	0	18	0	18	18
ZIMBABWE	24	0	24	0	24	0	24	0	24	24
CANADA	6250	521	6123	233	6135	593	6079	643	6105	6105
UNITED STATES	3736	13	3682	13	3657	13	3732	13	3749	3749
ARGENTINA	50	5	50	5	50	5	50	5	50	50
BRASIL	289	65	322	69	332	69	336	69	336	336
CHILE	192	0	192	0	192	0	192	0	192	192
COSTA RICA	4	0	4	0	4	0	4	0	4	4
ECUADOR	6	0	6	0	6	0	6	0	6	6
MEXICO	115	0	150	0	180	0	180	0	180	180
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	.	332	.	332	.	332	.	332	332
KOREA, DEM. PEOPLES REP	13	0	13	0	13	0	13	0	13	13
VIET-NAM	5	0	5	0	5	0	5	0	5	5
JAPAN	1494	25	1465	25	1471	25	1471	25	1471	1471
INDIA	77	0	77	0	77	0	80	0	80	80
INDONESIA	6	0	6	0	6	0	6	0	6	6
KOREA, REPUBLIC OF	257	0	257	0	257	0	257	0	257	257
PHILIPPINES	37	0	37	0	37	0	37	0	37	37
TURKEY	126	0	176	0	176	0	176	0	176	176
BULGARIA	25	7	25	7	25	7	25	7	25	25
CZECHOSLOVAKIA	174	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	18	0	27	0	27	0	27	27
POLAND	162	0	173	0	173	0	173	0	173	173
ROMANIA	128	0	128	0	128	0	128	0	128	128
BELGIUM - LUXEMBOURG	120	0	120	0	125	0	100	0	100	100
FRANCE	475	0	475	0	450	0	425	0	400	350
GERMANY, FEDERAL REP OF	1400	8	1459	8	1623	8	1637	8	1640	1645
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	2690	50	2580	50	2490	50	2490	50	2490	2490
NORWAY	820	170	870	200	850	200	890	200	890	890
SWEDEN	1195	350	1105	345	1080	350	940	350	1025	1035
AUSTRIA	255	1	215	1	.	.	.	.	.	.
SPAIN	275	50	280	50	290	50	340	50	345	345
SWITZERLAND	215	10	220	15	220	15	225	15	225	225
YUGOSLAVIA	144	.	144	.	144	.	144	.	144	144
AUSTRALIA	161	0	161	0	162	0	162	0	162	162
NEW ZEALAND	590	331	590	331	590	331	590	331	590	590
USSR	2360	0	2360	0	2360	0	2360	0	2360	2360

MECHANICAL NON-CELLULOSE PULP (1.11)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL 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										
CANADA	.	.	.	.	.	.	.	.	.	.
UNITED STATES	187	13	184	13	185	13	187	13	187	187
ARGENTINA	50	5	50	5	50	5	50	5	50	50
BRAZIL	20	0	20	0	20	0	20	0	20	20
COSTA RICA	4	0	4	0	4	0	4	0	4	4
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-NAM	.	0	.	0	.	0	.	0	.	.
INDIA	77	0	77	0	77	0	80	0	80	80
KOREA, REPUBLIC OF	.	.	.	.	.	.	.	.	.	.
PHILIPPINES	37	0	37	0	37	0	37	0	37	37
BULGARIA	.	.	.	.	.	.	.	.	.	.
GERMAN DEMOCRATIC REP	.	0	.	0	.	0	.	0	.	.
HUNGARY	.	.	.	.	.	.	.	.	.	.
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	1984		1985		1986		1987		1988	1989
	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	225	0	225	0	225	0	225	0	225	225
MADAGASCAR	6	0	6	0	6	0	6	0	6	6
TANZANIA	7	0	12	0	17	0	18	0	18	18
ZIMBABWE	24	0	24	0	24	0	24	0	24	24
CANADA	.	.	.	.	.	.	.	.	.	.
UNITED STATES	3549	0	3498	0	3512	0	3545	0	3562	3562
BRAZIL	269	65	302	69	312	69	316	69	316	316
CHILE	192	0	192	0	192	0	192	0	192	192
MEXICO	.	.	.	.	.	.	.	.	.	.
CHINA	253	.	275	.	275	.	275	.	275	275
KOREA DEM PEOPLES REP	.	0	.	0	.	0	.	0	.	.
VIET-NAME	.	0	.	0	.	0	.	0	.	.
JAPAN	1494	25	1465	25	1471	25	1471	25	1471	1471
INDONESIA	6	0	6	0	6	0	6	0	6	6
KOREA, REPUBLIC OF	.	.	.	.	.	.	.	.	.	.
TURKEY	126	0	176	0	176	0	176	0	176	176
BULGARIA	.	.	.	.	.	.	.	.	.	.
CZECHOSLOVAKIA	174	2	174	2	174	2	174	2	174	174
GERMAN DEMOCRATIC REP	.	0	.	0	.	0	.	0	.	.
HUNGARY	.	.	.	.	.	.	.	.	.	.
POLAND	162	0	173	0	173	0	173	0	173	173
ROMANIA	112	0	112	0	112	0	112	0	112	112
BELGIUM - LUXEMBOURG	120	0	120	0	125	0	100	0	100	100
FRANCE	475	0	475	0	450	0	425	0	400	350
GERMANY, FEDERAL REP OF	1400	8	1459	8	1623	8	1637	8	1640	1645
ITALY	.	.	.	.	.	.	.	.	.	.
NETHERLANDS	66	0	66	0	66	0	66	0	66	66
UNITED KINGDOM	.	0	.	0	.	0	.	0	.	.
FINLAND	2690	50	2580	50	2490	50	2490	50	2490	2490
NORWAY	820	170	870	200	890	200	890	200	890	890
SWEDEN	1195	350	1105	345	1080	350	940	350	1025	1035
AUSTRIA	255	1	215	1	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.	.	.	.	.
AUSTRALIA	61	0	61	0	62	0	62	0	62	62
NEW ZEALAND	590	331	590	331	590	331	590	331	590	590
USSR	.	0	.	0	.	0	.	0	.	.

THERMO-MECHANICAL PULP (1.2)

COUNTRY	1984		1985		1986		1987		1988	1989
	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										
SOUTH AFRICA	150	0	150	0	150	0	150	0	150	150
CANADA	3563	0	3847	0	4167	0	4354	0	4403	4403
UNITED STATES	2198	0	2207	0	2267	0	2374	0	2397	2397
BRAZIL	55	10	122	25	141	35	151	45	151	151
PANAMA	.	.	.	.	.	.	.	.	.	.
CHINA	35	.	50	.	50	.	50	.	50	50
VIET-NAM	.	0	.	0	.	0	12	0	12	12
JAPAN	1062	0	1110	0	1110	0	1162	0	1180	1180
INDIA	50	0	50	0	80	0	80	0	80	80
PHILIPPINES	15	0	15	0	15	0	15	0	15	15
THAILAND	42	0	54	0	60	0	60	0	60	60
TURKEY	80	0	80	0	80	0	80	0	80	80
BELGIUM - LUXEMBOURG	.	.	.	.	30	.	60	.	63	75
FRANCE	45	0	45	0	70	0	95	0	120	170
IRELAND	22	17	22	17	22	17	22	17	22	22
NETHERLANDS	64	0	64	0	150	0	180	0	180	180
FINLAND	945	0	980	0	1100	35	1120	50	1170	1170
NORWAY	530	30	530	30	560	30	560	30	560	560
SWEDEN	1205	160	1335	145	1760	225	2080	240	2135	2160
GREECE	90	0	90	0	90	0	90	0	90	90
AUSTRALIA	251	0	251	0	251	0	251	0	251	251
NEW ZEALAND	74	74	121	121	121	121	121	121	121	121
USSR	140	0	140	0	140	0	140	0	140	140

THERMO-MECHANICAL NCM-COMIFEROUS PULP (1.21)										
COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL CF	WHICH	TOTAL OF	WHICH	TOTAL CF	WHICH	TOTAL OF	WHICH	TOTAL	TOTAL
	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
CANADA	.	.	.	.	.	.	.	.	.	.
UNITED STATES	110	0	111	0	113	0	119	0	120	120
VIET-NAM	0	0	0	0	0	0	.	0	.	.
INDIA	50	0	50	0	80	0	80	0	80	80
PHILIPPINES	15	0	15	0	15	0	15	0	15	15
IRELAND	.	.	.	.	.	.	.	.	.	.
GREECE	.	.	.	.	.	.	.	.	.	.
USSE	.	0	.	0	.	0	.	0	.	.

THERMO-MECHANICAL CONIFEROUS PULP (1.22)										
COUNTRY	1984		1985		1986		1987		1988	1989
	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	.	.	.	.	.	.	.	.	.	.
UNITED STATES	2088	0	2096	0	2154	0	2255	0	2277	2277
BRAZIL	55	10	122	25	141	35	151	45	151	151
CHINA	35	.	50	.	50	.	50	.	50	50
VIET-NAM	0	0	0	0	0	0	.	0	.	.
JAPAN	1062	0	1110	0	1110	0	1162	0	1180	1180
THAILAND	42	0	54	0	60	0	60	0	60	60
TURKEY	80	0	80	0	80	0	80	0	80	80
BELGIUM - LUXEMBOURG	.	.	.	.	30	.	60	.	63	75
FRANCE	45	0	45	0	70	0	95	0	120	170
IRELAND	.	.	.	.	.	.	.	.	.	.
NETHERLANDS	64	0	64	0	150	0	180	0	180	180
FINLAND	945	0	980	0	1100	35	1120	50	1170	1170
NORWAY	530	30	530	30	560	30	560	30	560	560
SWEDEN	1205	160	1335	145	1760	225	2080	240	2135	2160
GREECE	.	0	.	0	.	0	.	0	.	.
AUSTRALIA	251	0	251	0	251	0	251	0	251	251
NEW ZEALAND	74	74	121	121	121	121	121	121	121	121
USSR	.	0	.	0	.	0	.	0	.	.

SEMI-CHEMICAL PULP (1.3)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL OF CAPA- CITY	WHICH 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	3	0	3	0	3	0	3	0	3	3
NIGERIA	25	0	25	0	25	0	25	0	25	25
ZIMBABWE	13	1	13	1	13	1	13	1	13	13
CANADA	472	0	472	0	476	0	477	0	477	477
UNITED STATES	4145	0	4181	0	4155	0	4222	0	4224	4224
ARGENTINA	200	10	200	10	200	10	200	10	200	200
BRAZIL	124	0	124	0	124	0	124	0	124	124
CHILE	0	0	0	0	25	.	32	.	35	35
COLOMBIA	34	0	34	0	34	0	34	0	34	34
PANAMA	.	.	.	.	.	.	.	.	.	.
URUGUAY	5	0	5	0	5	0	5	0	5	5
JAPAN	1336	50	1331	50	1280	50	1296	50	1307	1307
BANGLADESH	22	0	22	0	22	0	40	0	40	40
INDIA	77	0	77	0	77	0	80	0	80	80
INDONESIA	44	0	44	0	79	0	79	0	79	79
IRAN	0	0	90	0	90	0	90	0	90	90
THAILAND	12	0	15	0	17	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	62	0	62	0	65	0	65	0	65	65
POLAND	89	0	89	0	110	0	144	0	144	144
ROMANIA	44	0	44	0	44	0	44	0	44	44
DENMARK	70	70	70	70	70	70	70	70	70	70
FRANCE	125	0	125	0	140	0	140	0	150	160
GERMANY, FEDERAL REP OF	79	0	79	0	79	0	79	0	80	80
ITALY	100	.	100	.	100	.	100	.	100	100
UNITED KINGDOM	.	.	.	.	.	.	.	.	.	.
FINLAND	360	0	390	0	395	0	395	0	395	395
NORWAY	80	35	80	35	80	35	80	35	80	80
SWEDEN	250	0	265	0	275	0	275	0	275	310
AUSTRIA	.	.	.	.	.	.	.	.	.	.
SPAIN	20	0	20	0	20	0	20	0	20	20
YUGOSLAVIA	68	.	68	.	68	.	68	.	68	68
AUSTRALIA	384	95	385	95	386	94	388	94	389	390
NEW ZEALAND	27	5	27	5	27	5	27	5	27	27
USSR	850	0	850	0	850	0	850	0	850	850

SEMI-CHEMICAL NON-CONIFEROUS PULP (1.31)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CF CAPA- CITY	OF WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH MARKET PULP	TOTAL CF CAPA- CITY	WHICH 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	3	0	3	0	3	0	3	0	3	3
NIGERIA	25	0	25	0	25	0	25	0	25	25
ZIMBABWE	11	1	11	1	11	1	11	1	11	11
CANADA	.	.	.	.	.	.	.	.	.	.
UNITED STATES	4145	0	4181	0	4195	0	4222	0	4224	4224
ARGENTINA	200	10	200	10	200	10	200	10	200	200
BRAZIL	97	0	97	0	97	0	97	0	97	97
COLOMBIA	30	0	30	0	30	0	30	0	30	30
URUGUAY	.	0	.	0	.	0	.	0	.	.
JAPAN	1030	50	1027	50	989	50	1001	50	1009	1009
BANGLADESH	.	0	.	0	.	0	40	0	40	40
INDIA	77	0	77	0	77	0	80	0	80	80
INDONESIA	44	0	44	0	79	0	79	0	79	79
IRAN	0	0	90	0	50	0	90	0	90	90
THAILAND	12	0	15	0	17	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	62	0	62	0	65	0	65	0	65	65
POLAND	89	0	89	0	110	0	144	0	144	144
ROMANIA	44	0	44	0	44	0	44	0	44	44
DENMARK	70	70	70	70	70	70	70	70	70	70
FRANCE	125	0	125	0	140	0	140	0	150	160
GERMANY, FEDERAL REP OF	67	0	67	0	67	0	67	0	68	68
ITALY	.	.	.	.	.	.	.	.	.	.
UNITED KINGDOM	.	0	.	0	.	0	.	0	.	.
FINLAND	360	0	390	0	395	0	395	0	395	395
NORWAY	80	35	80	35	80	35	80	35	80	80
SWEDEN	250	0	265	0	275	0	275	0	275	310
AUSTRIA	.	.	.	.	.	.	.	.	.	.
SPAIN	20	0	20	0	20	0	20	0	20	20
YUGOSLAVIA	.	.	.	.	.	.	.	.	.	.
AUSTRALIA	278	94	279	94	280	94	282	94	283	284
NEW ZEALAND	7	0	7	0	7	0	7	0	7	7
USSR	.	0	.	0	.	0	.	0	.	.

SEMI-CHEMICAL CONIFEROUS PULP (1.32)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL OF CAPA- CITY	WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
ZIMBABWE	2	0	2	0	2	0	2	0	2	2
CANADA	.	.	.	.	.	.	.	.	.	.
BRAZIL	27	0	27	0	27	0	27	0	27	27
CHILE	0	0	0	0	25	.	32	.	35	35
COLOMBIA	4	0	4	0	4	0	4	0	4	4
URUGUAY	.	0	.	0	.	0	.	0	.	.
JAPAN	306	0	304	0	291	0	295	0	298	298
SEI LANKA	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	106	1	106	1	106	0	106	0	106	106
NEW ZEALAND	20	5	20	5	20	5	20	5	20	20
USSE	.	0	.	0	.	0	.	0	.	.

CHEMICAL PULP TOTAL (1.4)

COUNTRY	1984		1985		1986		1987		1988	1989
	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	483	70	933	185	1005	185	1073	185	1073	1073
ANGOLA	44	32	44	32	44	32	44	32	44	44
CAMEROON	95	70	95	70	95	70	95	70	95	95
GABON	175	125	175	125	175	125	175	125	175	175
KENYA	60	0	60	0	60	0	60	0	60	60
MOZAMBIQUE	95	95	95	95	95	95	95	95	95	95
NIGERIA	40	0	40	0	40	0	40	0	40	40
SWAZILAND	178	178	178	178	178	178	178	178	178	178
TANZANIA	12	0	26	0	36	0	42	0	42	42
CANADA	12783	7189	12759	7237	12937	7407	13041	7485	13072	13072
UNITED STATES	40807	5489	41414	5876	42385	6037	42788	5940	42860	42860
ARGENTINA	390	170	390	170	390	170	408	170	528	544
BRAZIL	3054	1513	3113	1523	3286	1616	3542	1695	3662	3701
CHILE	684	517	684	517	779	613	834	664	882	895
COLOMBIA	129	0	129	0	129	0	129	0	129	129
MEXICO	549	0	556	0	564	0	576	0	674	674
PANAMA	.	.	.	.	.	.	.	.	.	.
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	20	0	20	0	20	0	20	0	20	20
CHINA	780	.	800	.	800	.	800	.	800	800
KOREA DEM PEOPLES REP	43	0	43	0	43	0	43	0	43	43
VIET-NAM	16	0	21	0	26	0	27	0	27	27
JAPAN	8174	983	8115	983	8530	983	8637	983	8653	8653
BANGLADESH	0	0	0	0	0	0	21	0	21	21
INDIA	420	66	460	70	490	70	510	70	510	510
INDONESIA	119	50	119	50	119	75	119	75	119	119
IRAN	120	0	135	0	135	0	135	0	135	135
KOREA, REPUBLIC OF	105	105	105	105	105	105	105	105	105	105
PAKISTAN	.	.	.	.	.	.	30	.	30	30
PHILIPPINES	110	0	110	0	110	0	110	0	92	92
TURKEY	232	0	238	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	922	551	922	551	902	546	902	534	902	902
GERMAN DEMOCRATIC REP	570	0	570	0	570	0	570	0	570	570
HUNGARY	12	0	12	0	12	0	12	0	12	12
POLAND	696	0	666	0	703	0	708	0	708	708
ROMANIA	658	37	658	37	658	37	658	37	658	658
BELGIUM - LUXEMBOURG	225	0	225	0	232	0	252	0	262	262
FRANCE	1510	810	1550	840	1640	900	1720	930	1750	1780
GERMANY, FEDERAL REP OF	591	112	592	111	563	93	571	90	573	575
ITALY	150	.	150	.	150	.	150	.	150	150
FINLAND	4680	1800	4820	1720	4810	1610	4890	1600	4995	5020
NORWAY	615	330	620	350	620	350	620	350	620	620
SWEDEN	6965	3455	7130	3520	7295	3575	7415	3495	7480	7510
AUSTRIA	1037	321	1161	407	.	.	.	.	.	.
PORTUGAL	1238	1023	1301	1096	1319	1102	1323	1106	1348	1348
SPAIN	1210	650	1210	650	1210	650	1235	650	1360	1360
SWITZERLAND	110	110	110	110	110	110	110	110	110	110
YUGOSLAVIA	494	.	494	.	494	.	494	.	494	494
AUSTRALIA	358	51	360	51	363	51	365	22	367	370
NEW ZEALAND	785	420	785	420	785	420	835	470	835	887
USSR	8700	2000	8700	2000	8700	2000	8700	2000	8700	8700

UNBLEACHED SULPHITE PULP (1.41)

COUNTRY	1984		1985		1986		1987		1988	1989
	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									
CANADA	1634	39	1505	39	1504	39	1509	39	1515	1515
UNITED STATES	247	0	232	0	232	0	232	0	232	232
BRAZIL	12	12	12	12	12	12	12	12	12	12
MEXICO	20	0	20	0	20	0	20	0	20	20
CHINA	.	.	.	.	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	0	.	0	.	0	.	0	.	.
JAPAN	178	24	104	24	104	24	104	24	104	104
IRAN	0	0	15	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	12	0	12	0	12	0	12	12
POLAND	32	0	33	0	33	0	33	0	33	33
ROMANIA	57	.	57	.	57	.	57	.	57	57
BELGIUM - LUXEMBOURG	2	.	2	.	2	.	2	.	2	2
GERMANY, FEDERAL REP OF	7	0	7	0	7	0	7	0	7	7
ITALY	.	.	.	.	.	.	.	.	.	.
FINLAND	215	135	190	100	130	50	140	55	130	130
NORWAY	75	20	75	20	75	20	75	20	75	75
SWEDEN	215	70	160	65	160	65	155	65	155	150
AUSTRIA	94	7	67	7	.	.	.	.	.	.
PORTUGAL	98	98	108	108	112	112	114	114	116	116
SPAIN	.	.	.	.	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.	.	.	.	.
YUGOSLAVIA	57	.	57	.	57	.	57	.	57	57
AUSTRALIA	53	0	53	0	53	0	53	0	53	53
USSR	3100	350	3100	350	3100	350	3100	350	3100	3100

UNBLEACHED SULPHATE PULP (1.43)

COUNTRY	1984		1985		1986		1987		1988	1989
	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	194	0	389	0	404	0	419	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	40	0	40	0	40	0	40	0	40	40
SWAZILAND	178	178	178	178	178	178	178	178	178	178
TANZANIA	6	0	13	0	18	0	21	0	21	21
CANADA	1735	199	1728	206	1741	208	1752	208	1752	1752
UNITED STATES	19199	145	18936	145	19041	188	19142	192	19155	19155
ARGENTINA	120	.	120	.	120	.	138	.	258	274
BRAZIL	799	74	849	84	937	94	1027	94	1095	1114
CHILE	290	241	290	241	300	251	303	254	329	339
COLOMBIA	79	0	79	0	79	0	79	0	79	79
MEXICO	228	0	233	0	238	0	248	0	309	309
URUGUAY	4	0	4	0	4	0	4	0	4	4
CHINA	.	.	.	.	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	0	.	0	.	0	.	0	.	.
VIET-NAM	5	0	5	0	5	0	5	0	5	5
JAPAN	3314	303	3094	303	3146	303	3161	303	3161	3161
INDIA	200	30	210	30	230	30	250	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	66	0	66	0	66	0	66	0	66	66
SRI LANKA	0	0	0	0	0	0	0	0	.	.
TURKEY	118	0	124	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	165	0	165	0	165	165
GERMAN DEMOCRATIC REP	.	0	.	0	.	0	.	0	.	.
POLAND	365	0	334	0	365	0	370	0	370	370
ROMANIA	328	.	328	.	328	.	328	.	328	328
FRANCE	490	0	500	0	500	0	550	0	550	550
ITALY	.	.	.	.	.	.	.	.	.	.
FINLAND	960	155	945	145	930	140	850	50	845	840
NORWAY	150	0	150	0	150	0	150	0	150	150
SWEDEN	2290	225	2385	285	2375	255	2360	230	2385	2410
AUSTRIA	324	50	369	60	.	.	.	.	.	.
PORTUGAL	280	70	292	87	304	87	304	87	327	327
SPAIN	320	20	310	10	300	0	275	0	275	275
SWITZERLAND	.	.	.	.	.	.	.	.	.	.
YUGOSLAVIA	156	.	156	.	156	.	156	.	156	156
AUSTRALIA	145	22	145	22	145	22	145	22	145	145
NEW ZEALAND	510	288	510	288	510	288	535	313	535	587
OSSR	4000	1500	4000	1500	4000	1500	4000	1500	4000	4000

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF 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	289	70	544	185	601	185	654	185	654	654
ANGOLA	37	32	37	32	37	32	37	32	37	37
CAMEROON	95	70	95	70	95	70	95	70	95	95
GABON	175	125	175	125	175	125	175	125	175	175
KENYA	30	0	30	0	30	0	30	0	30	30
MOZAMBIQUE	95	95	95	95	95	95	95	95	95	95
TANZANIA	6	0	13	0	18	0	21	0	21	21
CANADA	9000	6666	9060	6715	9220	6865	9295	6930	9314	9314
UNITED STATES	20042	5018	20919	5405	21782	5523	22082	5422	22141	22141
ARGENTINA	230	170	230	170	230	170	230	170	230	230
BRAZIL	2221	1405	2230	1405	2315	1488	2481	1567	2533	2553
CHILE	370	276	370	276	479	362	531	410	553	556
COLOMBIA	50	0	50	0	50	0	50	0	50	50
MEXICO	301	0	303	0	306	0	308	0	345	345
PERU	15	0	15	0	15	0	15	0	15	15
URUGUAY	16	0	16	0	16	0	16	0	16	16
CHINA	.	.	.	.	.	.	.	.	.	.
KOREA DEM PEOPLES REP	43	0	43	0	43	0	43	0	43	43
VIET-NAM	11	0	16	0	21	0	22	0	22	22
JAPAN	4682	656	4917	656	5280	656	5372	656	5388	5388
BANGLADESH	0	0	0	0	0	0	21	0	21	21
INDIA	220	36	250	40	260	40	260	40	260	260
INDONESIA	116	50	116	50	116	75	116	75	116	116
KOREA, REPUBLIC OF	105	105	105	105	105	105	105	105	105	105
PAKISTAN	.	.	.	.	.	.	30	.	30	30
PHILIPPINES	44	0	44	0	44	0	44	0	26	26
SRI LANKA	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	193	0	193	0	200	0	220	0	230	230
FRANCE	770	570	790	590	870	640	890	660	910	930
ITALY	.	.	.	.	.	.	.	.	.	.
FINLAND	3365	1450	3570	1430	3680	1390	3825	1460	3940	3970
NORWAY	270	250	300	280	300	280	300	280	300	300
SWEDEN	3890	2785	3990	2715	4150	2795	4290	2750	4330	4340
AUSTRIA	50	6	157	140	.	.	.	.	.	.
PORTUGAL	860	855	901	901	903	903	905	905	905	905
SPAIN	890	630	900	640	910	650	960	650	1085	1085
SWITZERLAND	.	.	.	.	.	.	.	.	.	.
YUGOSLAVIA	207	.	207	.	207	.	207	.	207	207
AUSTRALIA	160	29	162	29	165	29	167	0	169	172
NEW ZEALAND	275	132	275	132	275	132	300	157	300	300
USSR	1600	150	1600	150	1600	150	1600	150	1600	1600

PULP OF OTHER FIBRE FOR PAPER AND BOARD (2)

COUNTRY	1984		1985		1986		1987		1988	1989
	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	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	342	.	356	.	370	.	375	.	375	375
ARGENTINA	120	0	140	0	140	0	140	0	140	140
BOLIVIA	1	0	1	0	1	0	1	0	1	1
BRAZIL	384	71	419	71	430	71	434	71	434	434
COLOMBIA	115	0	156	0	166	0	170	0	170	170
CUBA	88	0	88	0	88	0	88	0	88	88
ECUADOR	15	0	15	0	15	0	15	0	15	15
MEXICO	405	0	413	0	433	0	433	0	433	433
PERU	308	0	308	0	308	0	320	0	320	320
VENEZUELA	125	0	125	0	125	0	125	0	125	125
CHINA	3275	.	3448	.	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-NAME	52	0	57	0	62	0	63	0	63	63
JAPAN	4	4	4	4	4	4	4	4	4	4
BANGLADESH	77	27	77	27	77	27	58	27	58	58
BURMA	18	0	18	0	18	0	18	0	18	18
INDIA	1710	40	1830	40	2040	40	2040	40	2040	2040
INDONESIA	165	0	165	0	205	0	205	0	205	205
IRAN	60	0	60	0	60	0	60	0	60	60
IRAQ	101	0	101	0	101	0	101	0	101	101
PAKISTAN	108	0	132	0	132	0	264	0	264	264
PHILIPPINES	33	0	33	0	33	0	33	0	33	33
SRI LANKA	13	0	16	0	17	0	17	0	18	18
SYRIA	32	0	32	0	32	0	32	0	32	32
THAILAND	111	94	110	94	111	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	77	0	77	0	77	0	77	0	77	77
HUNGARY	21	0	20	0	25	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	70	32	75	32	76	32	76	76
FRANCE	20	15	20	15	20	15	20	15	20	20
ITALY	185	.	185	.	185	.	185	.	185	185
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	130	13	130	13	131	13	131	13	131	131
YUGOSLAVIA	28	0	28	0	28	0	28	0	28	28
AUSTRALIA	10	0	10	0	10	0	11	0	11	11
USSR	625	.	625	.	625	.	625	.	625	625

DISSEMINATING PULP, WOOD*OTHER RAW MATERIALS (3)

COUNTRY	1984		1985		1986		1987		1988	1989
	TOTAL CF 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	485	485	485	485	500	485	500	485	500	500
CANADA	221	221	217	217	217	217	213	213	210	210
UNITED STATES	1364	1364	1364	1364	1364	1364	1364	1364	1364	1364
ARGENTINA	14	0	14	0	14	0	14	0	14	14
BRAZIL	62	30	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	200	50	220	50	250	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	65	63	65	63	65	63	65	63	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	188	188	189	189	191	191	191	191	191	192
UNITED KINGDOM	.	.	.	.	.	.	.	.	.	.
FINLAND	330	325	280	280	220	220	220	220	220	220
NORWAY	150	150	170	170	170	170	170	170	170	170
SWEDEN	75	75	75	75	75	75	75	75	75	75
AUSTRIA	141	4	141	.	.	.	.	.	.	.
SPAIN	55	55	55	55	55	55	55	55	55	55
YUGOSLAVIA	105	.	105	.	105	.	105	.	105	105
USSR	1700	1550	1700	1550	1700	1550	1700	1550	1700	1700

COATED PRINTING AND WRITING PAPER (4.21)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	30	30	30	30	30	30
EGYPT	8	10	10	10	10	10
TUNISIA	3	6	9	9	9	9
CANADA	.	.	.	.	.	.
UNITED STATES	5811	5981	6189	6651	6697	6697
ARGENTINA	50	50	50	50	50	50
BRAZIL	78	78	78	78	78	78
CHILE	2	2	3	3	3	3
COLOMBIA	15	15	20	20	20	20
MEXICO	.	.	.	.	.	.
PERU	4	4	4	4	4	4
VENEZUELA	.	.	.	.	.	.
CHINA	65	100	100	100	100	100
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	1904	2052	2380	2663	2791	2809
INDIA	40	40	40	40	40	40
INDONESIA	57	57	57	57	57	57
KOREA, REPUBLIC OF	95	95	95	95	95	95
MALAYSIA	.	.	.	.	40	40
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	1	11	13	13	13	13
POLAND	.	.	.	.	.	.
ROMANIA	6	6	6	6	6	6
BELGIUM - LUXEMBOURG	218	225	228	403	403	403
DENMARK	35	35	35	35	35	35
FRANCE	798	824	863	903	922	922
GERMANY, FEDERAL REP OF	1620	1693	1867	2025	2103	2130
ITALY	1200	1200	1200	1200	1200	1200
NETHERLANDS	276	276	276	276	276	276
UNITED KINGDOM	342	405	415	423	425	425
FINLAND	802	915	1060	1145	1180	1190
NORWAY	5	5	.	5	5	5
SWEDEN	385	440	500	535	515	540
AUSTRIA	433	464	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	15	15	15	15	15	15
SPAIN	320	320	320	320	320	320
SWITZERLAND	90	95	100	100	100	100
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	39	40	41	42	43	44
USSR	.	.	.	.	.	.

COATED WOOD CONTAINING PRINT&WRITING PAPER (4.211)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
TUNISIA	.	.	.	.	.	.
CANADA	.	.	.	.	.	.
UNITED STATES	3358	3396	3505	3867	3909	3909
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	136	139	142	317	317	317
DENMARK	5	5	5	5	5	5
FRANCE	455	470	492	515	525	525
GERMANY, FEDERAL REP OF	1620	1693	1867	2025	2103	2130
ITALY	.	.	.	.	.	.
NETHERLANDS	.	.	.	.	.	.
UNITED KINGDOM	2	2	2	2	2	2
FINLAND	738	825	935	995	1015	1020
NORWAY	.	.	.	.	.	.
SWEDEN	120	125	130	135	100	100
AUSTRIA	22	.	.	.	.	.
GREECE	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	60	65	65	65	65	65
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	18	18	19	19	20	20
USSR	.	.	.	.	.	.

COATED WOODFREE PRINTING & WRITING PAPER (4.212)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	30	30	30	30	30	30
EGYPT	8	10	10	10	10	10
TUNISIA	.	.	.	.	.	.
CANADA	.	.	.	.	.	.
UNITED STATES	2453	2585	2684	2784	2788	2788
ARGENTINA	15	15	15	15	15	15
BRAZIL	78	78	78	78	78	78
CHILE	2	2	3	3	3	3
COLOMBIA	15	15	20	20	20	20
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	.	.	.	.	.	.
KOREA DEM PROLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
INDIA	40	40	40	40	40	40
MALAYSIA	.	.	.	.	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	1	11	13	13	13	13
POLAND	.	.	.	.	.	.
ROMANIA	6	6	6	6	6	6
BELGIUM - LUXEMBOURG	82	86	86	86	86	86
DENMARK	30	30	30	30	30	30
FRANCE	343	354	371	388	397	397
ITALY	.	.	.	.	.	.
NETHERLANDS	.	.	.	.	.	.
UNITED KINGDOM	340	403	413	421	423	423
FINLAND	64	90	125	150	165	170
SWEDEN	265	315	370	400	415	440
AUSTRIA	411	.	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	15	15	15	15	15	15
SPAIN	30	30	35	35	35	35
SWITZERLAND	30	30	35	35	35	35
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	21	22	22	23	23	24
USSR	.	.	.	.	.	.

UNCOATED PRINTING AND WRITING PAPER (4.22)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	260	260	260	260	260	260
ALGERIA	58	58	58	58	58	58
ANGOLA	5	5	5	5	5	5
EGYPT	69	102	102	102	132	132
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	7	13	14	15	15	15
TUNISIA	19	19	19	19	19	19
UGANDA	6	6	6	6	6	6
ZIMBABWE	8	8	8	8	8	8
CANADA	2047	2204	2347	2502	2495	2495
UNITED STATES	11818	12275	12633	12960	13179	13179
ARGENTINA	180	210	210	210	210	210
BRAZIL	1054	1203	1246	1268	1268	1268
CHILE	78	83	90	92	95	95
COLOMBIA	120	166	175	181	181	181
CUBA	55	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
PERU	84	84	84	84	84	84
URUGUAY	30	30	30	30	30	30
VENEZUELA	.	.	.	.	.	.
CHINA	1785	1790	1790	1790	1790	1790
KAMPUCHEA, DEMOCRATIC	3	3	3	3	3	3
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
VIET-NAME	57	67	76	79	79	79
ISRAEL	67	67	67	67	67	67
JAPAN	4208	4204	4125	4171	4212	4296
BANGLADESH	71	71	71	48	48	48
BURMA	15	15	15	15	15	15
INDIA	780	780	800	800	800	800
INDONESIA	250	250	250	250	250	250
IRAQ	90	90	90	90	90	90
IRAQ	41	41	41	41	41	41
KOREA, REPUBLIC OF	448	448	481	481	481	481
MALAYSIA	.	.	.	.	215	215
NEPAL	.	.	.	.	.	.
PAKISTAN	49	49	49	115	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	235	235	235	235	235	235
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	139	141	147	154	157	159
POLAND	.	.	.	.	.	.
ROMANIA	184	184	184	184	184	184
BELGIUM - LUXEMBOURG	220	218	268	268	268	268
DENMARK	122	122	122	122	122	122
FRANCE	1482	1531	1602	1677	1712	1712
GERMANY, FEDERAL REP OF	2305	2371	2430	2547	2581	2640
IRELAND	18	18	18	18	18	18
ITALY	935	965	965	965	965	965
NETHERLANDS	301	301	301	301	301	301
UNITED KINGDOM	681	706	774	802	816	816
FINLAND	2578	2690	2945	3035	3050	3055
NORWAY	345	345	.	370	370	370
SWEDEN	1020	1005	1050	1080	1085	1085
AUSTRIA	466	517	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	115	115	115	115	115	115
SPAIN	525	555	560	595	595	595
SWITZERLAND	200	205	205	205	210	210
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	264	268	276	309	316	324
NEW ZEALAND	38	38	38	38	38	38
USSR	.	.	.	.	.	.

UNCOATED WOOD CONTAINING PRINT&WRITE PAPER (4.221)

	1984	1985	1986	1987	1988	1989
	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	3	3	3	3	3	3
ZIMBABWE	3	3	3	3	3	3
CANADA	925	1015	1120	1250	1235	1235
UNITED STATES	1536	1551	1553	1554	1554	1554
ARGENTINA	15	35	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
PERU	.	.	.	.	.	.
URUGUAY	5	5	5	5	5	5
VENEZUELA	.	.	.	.	.	.
CHINA	75	90	90	90	90	90
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
ISRAEL	8	8	8	8	8	8
JAPAN	2175	2152	2024	2014	2034	2055
IRAQ	.	.	.	.	.	.
KOREA, REPUBLIC OF	.	.	.	.	.	.
NEPAL	.	.	.	.	.	.
PAKISTAN	49	49	49	115	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	50	90	90	90
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	60	60	62	62	62	62
POLAND	.	.	.	.	.	.
ROMANIA	50	50	50	50	50	50
BELGIUM - LUXEMBOURG	156	156	206	206	206	206
DENMARK	25	25	25	25	25	25
FRANCE	296	306	320	335	342	342
GERMANY, FEDERAL REP OF	1155	1186	1213	1297	1325	1350
IRELAND	.	.	.	.	.	.
ITALY	.	.	.	.	.	.
NETHERLANDS	29	29	29	29	29	29
UNITED KINGDOM	13	14	14	15	16	16
FINLAND	1808	1795	1965	2020	2025	2025
NORWAY	270	270	.	295	295	295
SWEDEN	420	395	390	390	390	390
AUSTRIA	190	210	.	.	.	.
GREECE	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	95	100	100	100	105	105
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	70	71	73	74	75	77
USSR	.	.	.	.	.	.

UNCOATED WOODFREE PRINTING & WEIT PAPER (4.222)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	200	200	200	200	200	200
ALGERIA	58	58	58	58	58	58
ANGOLA	5	5	5	5	5	5
EGYPT	69	102	102	102	132	132
ETHIOPIA	2	2	2	2	2	2
KENYA	30	30	30	30	30	30
MADAGASCAR	3	3	3	3	3	3
MOZAMBIQUE	24	24	24	24	24	24
MOZAMBIQUE	1	1	1	1	1	1
TANZANIA	7	13	14	15	15	15
TOMISIA	.	.	.	.	.	.
UGANDA	6	6	6	6	6	6
ZIMBABWE	5	5	5	5	5	5
CANADA	1122	1189	1227	1252	1260	1260
UNITED STATES	10282	10724	11080	11406	11625	11625
ARGENTINA	165	175	175	175	175	175
BRAZIL	1054	1203	1246	1268	1268	1268
CHILE	86	71	78	80	83	83
COLOMBIA	120	166	175	181	181	181
CUBA	55	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	1710	1700	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	2033	2052	2101	2157	2178	2241
BANGLADESH	59	59	59	48	48	48
BOHMA	15	15	15	15	15	15
INDIA	780	780	800	800	800	800
INDONESIA	250	250	250	250	250	250
IRAN	90	90	90	90	90	90
IRAQ	.	.	.	.	.	.
KOREA, REPUBLIC OF	.	.	.	.	.	.
MALAYSIA	.	.	.	.	215	215
NEPAL	.	.	.	.	.	.
PHILIPPINES	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
SYRIA	.	.	.	.	.	.
THAILAND	.	.	.	.	.	.
TURKEY	28	28	28	28	28	28
ALBANIA	.	.	.	.	.	.
BOLGARIA	60	60	60	60	60	60
CZECHOSLOVAKIA	145	145	145	145	145	145
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	79	81	85	92	95	97
POLAND	.	.	.	.	.	.
ROMANIA	134	134	134	134	134	134
BELGIUM - LUXEMBOURG	64	62	62	62	62	62
DENMARK	97	97	97	97	97	97
FRANCE	1186	1225	1282	1342	1370	1370
GERMANY, FEDERAL REP OF	1150	1185	1217	1250	1256	1290
IRELAND	.	.	.	.	.	.
ITALY	.	.	.	.	.	.
NETHERLANDS	272	272	272	272	272	272
UNITED KINGDOM	668	692	760	787	800	800
FINLAND	770	895	980	1015	1025	1030
NORWAY	75	75	.	75	75	75
SWEDEN	600	610	660	690	695	695
AUSTRIA	276	307	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	115	115	115	115	115	115
SPAIN	.	.	.	.	.	.
SWITZERLAND	105	105	105	105	105	105
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	194	197	203	235	241	246
NEW ZEALAND	38	38	38	38	38	38
USSR	.	.	.	.	.	.

HOUSEHOLD AND SANITARY PAPER (4.31)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	86	90	92	92	92	92
ALGERIA	5	5	5	5	5	5
ANGOLA	1	1	1	1	1	1
EGYPT	4	5	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	466	480	485	486	487	487
UNITED STATES	4757	4828	4944	5098	5099	5099
ARGENTINA	65	65	65	65	65	65
BRAZIL	287	289	292	294	294	294
CHILE	38	38	38	38	38	38
COLOMBIA	69	80	91	91	91	91
COSTA RICA	18	18	18	18	18	18
CUBA	12	12	12	12	12	12
ECUADOR	18	18	18	18	18	18
EL SALVADOR	3	3	3	3	3	3
GUATEMALA	4	4	4	4	4	4
HONDURAS	4	4	4	4	4	4
JAMAICA	6	6	10	11	12	12
MEXICO	415	440	443	450	450	450
PANAMA	13	13	13	13	13	13
PERU	52	52	52	52	52	52
URUGUAY	15	15	15	15	15	15
VENEZUELA	157	157	165	165	165	165
CHINA	280	300	300	300	300	300
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	29	29	29	29	29	29
JAPAN	1154	1183	1210	1226	1238	1251
HONG KONG	1	1	1	1	1	1
INDIA	10	10	10	10	10	10
INDONESIA	10	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	32	35	35	41	41	41
PHILIPPINES	24	24	24	24	24	24
SINGAPORE	5	5	5	5	5	5
THAILAND	29	35	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	25	25	25	25	25
POLAND	.	.	.	.	.	.
ROMANIA	25	25	25	25	25	25
BELGIUM - LUXEMBOURG	108	108	109	110	110	110
DENMARK	17	17	17	17	17	17
FRANCE	215	222	234	245	252	252
GERMANY, FEDERAL REP OF	676	701	742	751	756	760
ITALY	270	270	270	270	270	270
NETHERLANDS	144	144	144	144	144	144
UNITED KINGDOM	472	472	504	512	531	559
FINLAND	165	165	165	175	175	175
NORWAY	30	50	50	50	50	50
SWEDEN	285	285	305	310	315	320
AUSTRIA	111	115	.	.	.	.
GREECE	106	106	106	106	106	106
PORTUGAL	76	76	76	76	76	76
SPAIN	190	190	190	190	190	190
SWITZERLAND	110	110	110	110	110	110
YUGOSLAVIA	71	71	71	71	71	71
AUSTRALIA	69	69	69	69	69	69
NEW ZEALAND	54	54	54	54	54	54
USSR	115	115	115	115	115	115

KRAFT LINER (4.3211)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	209	363	439	476	476	476
ALGERIA	53	53	53	53	53	53
ETHIOPIA	1	1	1	1	1	1
KENYA	11	11	11	11	11	11
NIGERIA	26	26	26	26	26	26
TANZANIA	0	2	2	2	2	2
ZIMBABWE	10	11	11	11	11	11
CANADA	892	905	909	915	917	917
UNITED STATES	15052	15265	15438	15564	15583	15583
ARGENTINA	45	45	45	54	99	104
BRAZIL	651	683	693	715	737	744
CHILE	21	21	45	52	55	55
COLOMBIA	92	92	92	92	92	92
CUBA	10	10	10	10	10	10
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	80	100	100	100	100	100
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	2047	1882	1910	1939	1968	1998
BANGLADESH	.	.	.	.	.	.
INDIA	70	70	80	80	80	80
INDONESIA	98	117	117	117	117	117
IRAN	60	60	60	60	60	60
KOREA, REPUBLIC OF	454	454	454	454	454	454
MALAYSIA	.	.	.	.	.	.
PHILIPPINES	67	67	67	67	74	76
SRI LANKA	.	.	.	.	.	.
TURKEY	58	64	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	.	.	.	.	.	.
NETHERLANDS	1	1	1	1	1	1
FINLAND	342	337	337	357	367	377
NORWAY	20	20	.	.	.	.
SWEDEN	1200	1230	1270	1340	1455	1485
AUSTRIA	119	148	.	.	.	.
GREECE	6	6	6	6	6	6
PORTUGAL	175	175	200	200	200	200
SPAIN	140	140	140	40	140	140
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	16	16	16	16	16	17
NEW ZEALAND	135	135	135	135	135	135
USSR	.	.	.	.	.	.

UNBLEACHED KRAFT LINES (4.32111)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	209	363	439	476	476	476
ALGERIA	53	53	53	53	53	53
ETHIOPIA	1	1	1	1	1	1
KENYA	11	11	11	11	11	11
NIGERIA	26	26	26	26	26	26
TANZANIA	0	.	.	.	.	.
ZIMBABWE	10	11	11	11	11	11
CANADA	.	.	.	.	.	.
UNITED STATES	14958	15171	15344	15470	15489	15489
ARGENTINA	40	40	40	49	94	99
BRAZIL	651	683	693	715	737	744
CHILE	21	21	45	52	55	55
COLOMBIA	77	77	77	77	77	77
CUBA	.	.	.	.	.	.
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	68	85	85	85	85	85
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
BANGLADESH	.	.	.	.	.	.
INDIA	70	70	80	80	80	80
INDONESIA	.	.	.	.	.	.
IRAN	60	60	60	60	60	60
KOREA, REPUBLIC OF	454	454	454	454	454	454
MALAYSIA	.	.	.	.	.	.
PHILIPPINES	67	67	67	67	74	76
SRI LANKA	.	.	.	.	.	.
TURKEY	58	64	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	277	267	257	267	267	267
NORWAY	20	20	.	.	.	.
SWEDEN	1030	1045	1070	1135	1220	1230
AUSTRIA	119	148	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	175	175	200	200	200	200
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	16	16	16	16	16	17
NEW ZEALAND	129	129	129	129	129	129
USSR	.	.	.	.	.	.

BLEACHED KRAFT LINER (4.32112)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
TANZANIA	0	.	.	.	.	.
CANADA	.	.	.	.	.	.
UNITED STATES	94	94	94	94	94	94
ARGENTINA	5	5	5	5	5	5
COLOMBIA	15	15	15	15	15	15
CUBA	.	.	.	.	.	.
DOMINICAN REPUBLIC	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PERU	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	12	15	15	15	15	15
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
BANGLADESH	.	.	.	.	.	.
INDONESIA	.	.	.	.	.	.
MALAYSIA	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
FRANCE	40	40	40	40	40	40
ITALY	.	.	.	.	.	.
NETHERLANDS	1	1	1	1	1	1
FINLAND	65	70	80	90	100	110
SWEDEN	170	185	200	205	235	255
GREECE	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
NEW ZEALAND	6	6	6	6	6	6
USSR	.	.	.	.	.	.

OTHER LINEBOARD (4.3212)

	1984	1985	1986	1987	1988	1989
	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
MOZAMBIQUE	27	27	27	27	27	27
MOZAMBIQUE	1	1	1	1	1	1
TANZANIA	7	8	8	8	8	8
ZIMBABWE	10	11	11	11	11	11
CANADA	285	284	284	289	297	297
UNITED STATES	358	385	533	533	533	533
ARGENTINA	95	95	95	95	95	95
BRAZIL	139	142	143	152	155	157
CHILE	6	6	6	6	6	6
COLOMBIA	19	22	22	24	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	180	200	200	200	200	200
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	.	.	.	.	.	.
JAPAN	2364	2296	2331	2365	2396	2437
BANGLADESH	.	.	.	.	.	.
IRAQ	15	15	15	15	15	15
KOREA, REPUBLIC OF	29	29	29	29	29	29
MALAYSIA	.	.	.	.	.	.
PAKISTAN	5	7	7	7	7	7
SINGAPORE	3	3	3	3	3	3
SEI LANKA	.	.	.	.	.	.
SYRIA	8	8	8	8	8	8
THAILAND	95	95	105	105	105	105
TURKEY	6	6	6	6	6	6
BULGARIA	95	95	95	95	95	95
CZECHOSLOVAKIA	75	75	75	75	75	112
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	18	18	18	18	19	20
POLAND	.	.	.	.	.	.
BELGIUM - LUXEMBOURG	61	66	68	68	68	68
DENMARK	32	32	32	32	32	32
FRANCE	640	672	723	771	800	800
GERMANY, FEDERAL REP OF	893	927	1016	1037	1047	1060
IRELAND	3	3	3	3	3	3
ITALY	.	.	.	.	.	.
NETHERLANDS	81	81	81	81	81	81
UNITED KINGDOM	274	310	311	314	319	319
FINLAND	3	3	3	3	3	3
SWEDEEN	10	15	15	15	15	15
PORTUGAL	45	45	45	45	45	45
SPAIN	530	530	530	530	530	530
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	404	407	410	413	416	419
USSR	.	.	.	.	.	.

SEMI-CHEMICAL FLUTING MEDIUM (4.3221)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SCOUTH AFRICA	127	151	161	162	162	162
EGYPT	5	5	5	5	5	5
KENYA	5	5	5	5	5	5
MADAGASCAR	1	1	1	1	1	1
NIGERIA	11	11	11	11	11	11
ZIMBABWE	10	11	11	11	11	11
CANADA	523	528	543	567	567	567
UNITED STATES	4730	4803	4849	4888	4893	4893
ARGENTINA	40	40	40	40	40	40
BRASIL	29	29	29	29	29	29
CHILE	0	0	23	23	24	24
COLOMBIA	60	60	60	61	61	61
CUBA	.	.	.	.	.	.
DOMINICAN REPUBLIC	.	.	.	.	.	.
PERU	.	.	.	.	.	.
URUGUAY	1	1	1	1	1	1
CHINA	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	.	.	.	.	.
JAPAN	1569	1602	1626	1650	1675	1700
BANGLADESH	.	.	.	.	.	.
INDONESIA	.	.	.	.	.	.
IRAN	40	80	80	80	80	80
LEBANON	.	.	.	.	.	.
PAKISTAN	10	14	14	14	14	14
SRI LANKA	.	.	.	.	.	.
BULGARIA	75	75	75	75	75	75
CZECHOSLOVAKIA	150	150	150	150	150	150
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	62	63	63	65	69	71
POLAND	.	.	.	.	.	.
ROMANIA	40	40	40	40	40	40
BELGIUM - LUXEMBOURG	5	9	11	11	11	11
DENMARK	43	45	48	48	48	48
FRANCE	175	175	175	175	175	175
GERMANY, FEDERAL REP OF	104	109	110	110	111	114
ITALY	.	.	.	.	.	.
UNITED KINGDOM	138	146	148	149	150	150
FINLAND	330	370	370	370	370	370
NORWAY	70	70	.	.	.	.
SWEDEN	290	300	315	315	320	320
AUSTRIA	.	.	.	.	.	.
GREECE	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	136	137	139	143	144	146
NEW ZEALAND	8	8	8	8	8	8
USSR	.	.	.	.	.	.

OTHER FLUTING MEDIUM (4.3222)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	65	65	65	65	65	65
ALGERIA	43	43	43	43	43	43
EGYPT	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	149	156	169	165	159	159
UNITED STATES	1344	1354	1364	1372	1373	1373
ARGENTINA	80	80	80	80	80	80
BRAZIL	509	520	525	535	538	540
CHILE	21	21	21	21	21	21
COLOMBIA	11	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
PERU	.	.	.	.	.	.
VENEZUELA	68	68	68	68	68	68
CHINA	.	.	.	.	.	.
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	27	27	27	27	27	27
JAPAN	1099	1100	1116	1132	1149	1234
BANGLADESH	.	.	.	.	.	.
HONG KONG	35	45	48	50	52	52
INDONESIA	.	.	.	.	.	.
JORDAN	4	4	4	4	4	4
KOREA, REPUBLIC OF	227	227	227	227	227	227
LEBANON	.	.	.	.	.	.
MALAYSIA	6	6	6	9	9	9
PHILIPPINES	44	44	44	44	44	44
SINGAPORE	21	21	21	21	21	21
SEI LANKA	.	.	.	.	.	.
SYRIA	5	5	5	5	5	5
THAILAND	112	112	124	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	73	73	73	75	80	83
POLAND	.	.	.	.	.	.
ROMANIA	140	140	140	140	140	140
BELGIUM - LUXENBOURG	36	36	36	36	36	36
DENMARK	60	65	70	70	70	70
FRANCE	478	500	535	569	589	589
GERMANY, FEDERAL REP OF	896	933	993	987	983	990
IRELAND	13	13	13	13	13	13
ITALY	.	.	.	.	.	.
NETHERLANDS	248	248	248	248	248	248
UNITED KINGDOM	397	389	393	395	400	400
SWEDEN	5	5	5	5	5	5
AUSTRIA	.	.	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	80	80	100	100	100	100
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
NEW ZEALAND	3	3	3	3	3	3
USSR	.	.	.	.	.	.

OTHER KRAFT WRAPPING AND PACKAGING (4.3232)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	26	147	177	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	4	4	4	4
NIGERIA	8	8	8	8	8	8
TANZANIA	3	6	10	12	12	12
TUNISIA	8	12	15	15	15	15
ZIMBABWE	2	2	2	2	2	2
CANADA	304	289	302	320	323	323
UNITED STATES	3681	3505	3498	3503	3506	3506
ARGENTINA	35	35	35	35	35	35
BRAZIL	223	228	240	272	281	285
CHILE	0	0	18	23	26	26
COLOMBIA	8	8	8	8	8	8
COSTA RICA	1	1	1	1	1	1
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	170	180	180	180	180	180
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	11	11	11	11	11	11
JAPAN	665	670	645	643	649	656
BANGLADESH	.	.	.	.	.	.
BURMA	1	1	1	1	1	1
INDIA	360	365	375	400	400	400
INDONESIA	31	31	31	31	31	31
IRAN	60	60	60	60	60	60
IRAQ	.	.	.	.	.	.
KOREA, REPUBLIC OF	10	10	10	10	10	10
SRI LANKA	.	.	.	.	.	.
THAILAND	32	32	35	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	26	26	26	26	26	26
FRANCE	151	160	174	187	196	196
GERMANY, FEDERAL REP OF	64	64	64	64	64	64
IRELAND	14	14	14	14	14	14
ITALY	.	.	.	.	.	.
NETHERLANDS	27	27	27	27	27	27
UNITED KINGDOM	88	71	71	71	71	71
FINLAND	120	120	120	120	120	120
NORWAY	55	55	.	.	.	.
SWEDEN	155	175	180	245	245	260
AUSTRIA	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	71	72	73	73	74	75
NEW ZEALAND	15	15	15	15	15	15
USSR	630	630	630	630	630	630

BLEACHED CHEMICAL PULP FOLDING BOXBOARD (4.32411)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
NIGERIA	5	5	5	5	5	5
CANADA	86	87	89	89	89	89
UNITED STATES	3704	3826	3856	3933	3933	3933
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	.	.	.	.	.	.
ROKOA DEM PEOPLES REP	.	.	.	.	.	.
JAPAN	.	.	.	.	.	.
BANGLADESH	.	.	.	.	.	.
INDONESIA	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
BULGARIA	2	2	2	2	2	2
CZECHOSLOVAKIA	10	10	10	10	10	10
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	38	39	40	40	40	40
ITALY	.	.	.	.	.	.
NETHERLANDS	.	.	.	.	.	.
FINLAND	345	380	395	400	430	430
NORWAY	.	.	.	.	.	.
SWEDEN	215	215	230	250	255	260
AUSTRIA	.	.	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	10	10	10	10	10	10
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	10	10	10	10	10	10
NEW ZEALAND	126	126	126	126	126	126
USSR	920	920	920	920	920	920

OTHER PULP BASED FOLDING BOXBOARD { 4.32412 }

	1984	1985	1986	1987	1988	1989
	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	10	11	12	12	12	12
CANADA	383	393	398	401	402	402
UNITED STATES	732	732	732	732	732	732
ARGENTINA	10	10	10	10	10	10
BRAZIL	111	111	111	111	111	111
CHILE	0	0	21	27	30	30
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	20	20	20	20	20
IRAQ	28	28	28	28	28	28
PAKISTAN	23	23	23	23	23	23
SEI LANKA	.	.	.	.	.	.
BULGARIA	25	25	25	25	25	25
CZECHOSLOVAKIA	35	35	35	35	35	35
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	188	188	188	188	188	188
FINLAND	380	410	455	465	465	465
NORWAY	.	.	.	.	.	.
SWEDEN	270	290	275	275	275	275
AUSTRIA	.	.	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	25	25	25	25	25	25
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	25	25	26	26	26	26
USSR	415	415	415	415	415	415

WASTE PAPER BASED FOLDING BOXBOARD (4.3242)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	162	162	162	162	162	162
ALGERIA	.	.	.	.	.	.
EGYPT	27	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	2385	2388	2404	2414	2417	2417
ARGENTINA	15	15	15	15	15	15
BRAZIL	254	271	276	278	278	278
CHILE	31	31	31	31	31	31
COLOMBIA	64	64	64	64	64	64
CUBA	11	11	11	11	11	11
DOMINICAN REPUBLIC	.	.	.	.	.	.
GUATEMALA	5	5	5	5	5	5
JAMAICA	.	.	.	.	.	.
MEXICO	.	.	.	.	.	.
PARAGUAY	2	3	3	3	3	3
PERU	.	.	.	.	.	.
VENEZUELA	102	102	102	102	102	102
KOREA DEM PEOPLES REP	.	.	.	.	.	.
ISRAEL	2	2	2	2	2	2
JAPAN	1178	1197	1274	1264	1280	1293
BANGLADESH	.	.	.	.	.	.
INDONESIA	.	.	.	.	.	.
JORDAN	1	1	1	1	1	1
KOREA, REPUBLIC OF	363	429	454	454	454	454
LEBANON	20	20	20	20	20	20
MALAYSIA	14	14	14	14	14	14
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	89	89	89	89	89
TURKEY	110	110	110	110	110	110
BULGARIA	25	25	25	25	25	25
CZECHOSLOVAKIA	15	15	15	15	15	15
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	16	16	16	17	18	19
POLAND	.	.	.	.	.	.
ROMANIA	49	49	49	49	49	49
BELGIUM - LUXEMBOURG	.	.	.	.	.	.
FRANCE	216	228	248	267	278	278
GERMANY, FEDERAL REP OF	654	665	680	684	686	700
ITALY	.	.	.	.	.	.
NETHERLANDS	.	.	.	.	.	.
UNITED KINGDOM	54	46	47	48	49	49
FINLAND	40	5	5	5	5	5
NORWAY	.	.	.	.	.	.
SWEDEN	90	90	85	105	110	110
AUSTRIA	.	.	.	.	.	.
GREECE	.	.	.	.	.	.
PORTUGAL	40	40	40	40	40	40
SPAIN	.	.	.	.	.	.
SWITZERLAND	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	123	124	125	126	127	128
USSR	415	415	415	415	415	415

OTHER WRAPPING PAPER (4.3251)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
SOUTH AFRICA	6	8	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	23	23	23	23	23	23
LIBYA	2	2	2	2	2	2
MOROCCO	.	.	.	.	.	.
SUDAN	6	6	6	6	6	6
CANADA	19	20	20	20	20	20
ARGENTINA	60	60	60	60	60	60
BRAZIL	243	250	252	253	253	253
CHILE	5	5	5	5	5	5
COLOMBIA	20	20	20	20	20	20
ECUADOR	8	8	8	8	8	8
JAMAICA	.	.	.	.	.	.
PANAMA	2	2	2	2	2	2
PARAGUAY	.	.	.	.	.	.
URUGUAY	11	11	11	11	11	11
VENEZUELA	.	.	.	.	.	.
CHINA	460	480	480	480	480	480
KAMPUCHEA, DEMOCRATIC	2	2	2	2	2	2
KOREA, DEM. PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
VIET-NAM	26	26	27	27	27	27
BANGLADESH	.	.	.	.	.	.
KOREA, REPUBLIC OF	.	.	.	.	.	.
LEBANON	.	.	.	.	.	.
NEPAL	10	10	10	10	10	10
PAKISTAN	32	36	36	36	36	36
THAILAND	21	21	21	21	21	21
TURKEY	.	.	.	.	.	.
BULGARIA	67	67	67	67	67	67
CZECHOSLOVAKIA	150	150	150	150	150	150
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	29	30	30	30	30	30
POLAND	.	.	.	.	.	.
ROMANIA	12	12	12	12	12	12
BELGIUM - LUXEMBOURG	38	38	38	36	36	35
FRANCE	200	200	200	200	200	200
GERMANY, FEDERAL REP OF	428	435	434	435	435	440
IRELAND	4	4	4	4	4	4
ITALY	.	.	.	.	.	.
NETHERLANDS	14	14	14	14	14	14
UNITED KINGDOM	219	210	212	214	216	216
FINLAND	90	90	85	80	80	80
NORWAY	.	.	.	.	.	.
SWEDEN	60	60	60	55	55	55
AUSTRIA	45	45	.	.	34	.
GREECE	34	34	34	34	34	34
PORTUGAL	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	35	30	30	35	35	35
YUGOSLAVIA	.	.	.	.	.	.
NEW ZEALAND	492	492	492	492	492	492
USSR	670	670	670	670	670	670

CIBEE PACKAGING PAPERBOARD (4.2252)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
ALGERIA	.	.	.	.	.	.
ANGOLA	4	4	4	4	4	4
CAMBODIA	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
MOZAMBIQUE	.	.	.	.	.	.
NGAZAMBIE	2	2	3	3	3	3
SUDAN	2	2	2	2	2	2
ZAMBIA	2	2	2	2	2	2
CANADA	329	317	310	310	310	310
UNITED STATES	3143	3140	3143	3159	3161	3161
ARGENTINA	50	50	50	50	50	50
BOLIVIA	1	1	1	1	1	1
COLOMBIA	12	12	12	12	12	12
CUBA	6	6	6	6	6	6
JAMAICA	.	.	.	.	.	.
PARAGUAY	.	.	.	.	.	.
VENEZUELA	.	.	.	.	.	.
CHINA	360	360	360	360	360	360
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	460	468	473	478	483	488
BANGLADESH	.	.	.	.	.	.
INDIA	360	360	370	400	400	400
IRAN	30	30	30	30	30	30
IRAQ	3	3	3	3	3	3
KOREA, REPUBLIC OF	.	.	.	.	.	.
LEBANON	.	.	.	.	.	.
NEPAL	.	.	.	.	.	.
PAKISTAN	8	23	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	210	210	210	210	210	210
GERMAN DEMOCRATIC REP	.	.	.	.	.	.
HUNGARY	48	48	48	50	56	58
POLAND	.	.	.	.	.	.
ROMANIA	74	74	74	74	74	74
BELGIUM - LUXEMBOURG	32	35	35	35	35	35
FRANCE	192	205	226	246	259	259
GERMANY, FEDERAL REP OF	722	776	807	825	835	850
IRELAND	18	18	18	18	18	18
ITALY	.	.	.	.	.	.
NETHERLANDS	414	414	414	414	414	414
UNITED KINGDOM	309	315	318	317	316	316
FINLAND	170	180	195	195	195	195
NORWAY	.	.	.	.	.	.
SWEDEN	520	595	620	645	695	745
AUSTRIA	23	23	.	.	.	.
PORTUGAL	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	60	60	60	60	60	60
YUGOSLAVIA	.	.	.	.	.	.
USSR	975	975	975	975	975	975

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

	1984	1985	1986	1987	1988	1989
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	1	1	1	1	1	1
TUNISIA	3	3	4	4	4	4
ZIMBABWE	3	3	3	3	3	3
CANADA	18	18	18	18	18	18
UNITED STATES	3548	3549	3558	3571	3574	3574
ARGENTINA	55	55	55	55	55	55
BRASIL	259	261	261	261	261	261
CHILE	6	6	6	6	6	6
COLOMBIA	29	29	29	29	29	29
CUBA	24	24	24	24	24	24
DOMINICAN REPUBLIC	4	4	4	4	4	4
EL SALVADOR	17	17	17	17	17	17
GUATEMALA	8	8	8	8	8	8
MEXICO	95	97	102	107	108	108
URUGUAY	5	5	5	5	5	5
CHINA	600	610	610	610	610	610
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
ISRAEL	13	13	13	13	13	13
JAPAN	2831	2871	2854	2902	2931	2961
INDONESIA	3	3	3	3	3	3
JORDAN	3	3	3	3	3	3
KOREA, REPUBLIC OF	194	194	194	194	194	194
MALAYSIA	16	16	16	16	16	16
NEPAL	.	.	.	.	.	.
PAKISTAN	1	1	1	1	1	1
PHILIPPINES	38	38	38	38	38	38
SRI LANKA	.	.	.	.	.	.
THAILAND	4	4	4	4	4	4
TURKEY	5	5	5	5	5	5
BULGARIA	46	46	46	46	46	46
CZECHOSLOVAKIA	165	165	165	165	165	165
HUNGARY	38	38	39	39	43	46
POLAND	.	.	.	.	.	.
ROMANIA	55	55	55	55	55	55
BELGIUM - LUXEMBOURG	51	53	56	60	62	64
DENMARK	40	40	40	40	40	40
FRANCE	246	254	268	280	288	288
GERMANY, FEDERAL REP OF	637	641	654	672	680	693
IRELAND	2	2	2	2	2	2
ITALY	400	400	400	400	400	400
NETHERLANDS	57	57	57	57	57	57
UNITED KINGDOM	368	374	379	380	380	380
FINLAND	350	405	425	455	460	460
NORWAY	50	50	50	50	50	50
SWEDEN	340	340	350	350	360	360
AUSTRIA	50	50	.	.	.	.
GREECE	25	25	25	25	25	25
PORTUGAL	14	14	14	14	14	14
SPAIN	110	110	110	110	110	110
SWITZERLAND	10	10	10	10	10	10
YUGOSLAVIA	151	151	151	151	151	151
AUSTRALIA	60	61	61	61	62	63
NEW ZEALAND	31	31	31	31	31	31
USSR	770	770	770	770	770	770

OTHER PAPER N.E.S. (4.331)

	1984	1985	1986	1987	1988	1989
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	1140	1147	1154	1161	1164	1164
ARGENTINA	30	30	30	30	30	30
BRAZIL	172	174	174	174	174	174
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	.	.	.	.	.	.
URUGUAY	.	.	.	.	.	.
CHINA	580	590	590	590	590	590
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
JAPAN	1537	1549	1519	1553	1569	1585
INDONESIA	3	3	3	3	3	3
KOREA, REPUBLIC OF	194	194	194	194	194	194
MALAYSIA	13	13	13	13	13	13
NEPAL	.	.	.	.	.	.
PAKISTAN	1	1	1	1	1	1
PHILIPPINES	.	.	.	.	.	.
SEI LANKA	.	.	.	.	.	.
THAILAND	4	4	4	4	4	4
TURKEY	5	5	5	5	5	5
BULGARIA	4	4	4	4	4	4
CZECHOSLOVAKIA	80	80	80	80	80	80
HUNGARY	17	17	18	18	22	25
POLAND	.	.	.	.	.	.
ROMANIA	30	30	30	30	30	30
BELGIUM - LUXEMBOURG	27	29	31	35	36	38
FRANCE	225	225	225	225	225	225
GERMANY, FEDERAL REP OF	515	523	536	552	560	573
IRELAND	2	2	2	2	2	2
ITALY	.	.	.	.	.	.
NETHERLANDS	4	4	4	4	4	4
UNITED KINGDOM	219	225	230	232	232	232
FINLAND	245	280	295	320	325	325
NORWAY	.	.	.	.	.	.
SWEDEN	210	210	210	210	220	220
AUSTRIA	36	36	.	.	.	.
GREECE	20	20	20	20	20	20
PORTUGAL	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
YUGOSLAVIA	.	.	.	.	.	.
NEW ZEALAND	31	31	31	31	31	31
USSR	375	375	375	375	375	375

OTHER PAPERBOARD N.E.S. (4.332)

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PPF YR					
SOUTH AFRICA	9	9	9	9	9	9
EGYPT	28	28	28	28	28	28
MOZAMBIQUE	1	1	1	1	1	1
NIGERIA	1	1	1	1	1	1
TUNISIA	.	.	.	.	.	.
ZIMBABWE	3	3	3	3	3	3
CANADA	.	.	.	.	.	.
UNITED STATES	2408	2402	2404	2410	2410	2410
ARGENTINA	25	25	25	25	25	25
BRAZIL	87	87	87	87	87	87
CHILE	4	4	4	4	4	4
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
MEXICO	.	.	.	.	.	.
URUGUAY	.	.	.	.	.	.
CHINA	20	20	20	20	20	20
KOREA DEM PEOPLES REP	.	.	.	.	.	.
MONGOLIA	.	.	.	.	.	.
ISRAEL	13	13	13	13	13	13
JAPAN	1294	1322	1335	1349	1362	1376
JORDAN	3	3	3	3	3	3
MALAYSIA	3	3	3	3	3	3
NEPAL	.	.	.	.	.	.
PHILIPPINES	.	.	.	.	.	.
SRI LANKA	.	.	.	.	.	.
BULGARIA	42	42	42	42	42	42
CZECHOSLOVAKIA	85	85	85	85	85	85
HUNGARY	21	21	21	21	21	21
POLAND	.	.	.	.	.	.
ROMANIA	25	25	25	25	25	25
BELGIUM - LUXEMBOURG	24	24	25	25	26	26
DENMARK	40	40	40	40	40	40
FRANCE	21	29	43	55	63	63
GERMANY, FEDERAL REP OF	122	118	118	120	120	120
ITALY	.	.	.	.	.	.
NETHERLANDS	53	53	53	53	53	53
UNITED KINGDOM	149	149	149	148	148	148
FINLAND	105	125	130	135	135	135
NORWAY	15	15	15	15	15	15
SWEDEN	130	130	140	140	140	140
AUSTRIA	14	14	.	.	.	.
GREECE	5	5	5	5	5	5
PORTUGAL	.	.	.	.	.	.
SPAIN	.	.	.	.	.	.
SWITZERLAND	10	10	10	10	10	10
YUGOSLAVIA	.	.	.	.	.	.
AUSTRALIA	60	61	61	61	62	63
USSR	395	395	395	395	395	395

WORLD, TOTAL		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL	CF										
		CAPA- CITY	WHICH MARKET PULP										
1000 METRIC TONS (AIR DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	147452	30587	149819	31137	152125	31751	154405	31902	155618	31526	155926	31866
	FROM 1 NOT DISAGGREGATED BELOW	198	0	288	0	350	0	386	0	386	0	386	0
1.1	MECHANICAL PULP	25675	1608	25505	1354	25437	1718	25285	1768	25396	25361	25361	
	FROM 1.1 NOT DISAGGREGATED BELOW	10785	588	10708	305	10765	665	10750	715	10781	10781	10781	
1.11	MECHANICAL NON-CONIFEROUS PULP	619	18	616	18	617	18	622	18	622	622	622	
1.12	MECHANICAL CONIFEROUS PULP	14271	1002	14181	1031	14051	1035	13913	1035	13993	13958	13958	
1.2	THERMO-MECHANICAL PULP	10616	291	11263	338	12414	463	13207	503	13430	13517	13517	
	FROM 1.2 NOT DISAGGREGATED BELOW	3815	17	4095	17	4419	17	4618	17	4667	4667	4667	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	175	0	176	0	208	0	214	0	215	215	215	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	6626	274	6988	321	7787	446	8375	486	8588	8635	8635	
1.3	SEMI-CHEMICAL PULP	9535	316	2705	316	9789	315	9897	315	9925	9971	9971	
	FROM 1.3 NOT DISAGGREGATED BELOW	1522	0	1522	0	1526	0	1505	0	1505	1505	1505	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	7536	310	7708	310	7776	310	7894	310	7916	7962	7962	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	477	6	475	6	487	5	498	5	504	504	504	
1.4	CHEMICAL PULP TOTAL	101428	28372	103078	29129	104135	29255	105630	29316	106481	106691	106691	
	FROM 1.4 NOT DISAGGREGATED BELOW	1620	147	1640	147	1640	147	1640	147	1640	1640	1640	
1.41	UNBLEACHED SULPHITE PULP	6291	805	5992	775	5844	722	5856	729	5854	5849	5849	
	FROM 1.41 NOT DISAGGREGATED BELOW	4811	389	4682	389	4681	389	4686	389	4692	4692	4692	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	167	105	175	115	142	112	144	114	146	146	146	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	1313	311	1135	271	1021	221	1026	226	1016	1011	1011	
1.42	BLEACHED SULPHITE PULP	4582	2045	4627	2003	4020	1798	4058	1801	4081	4093	4093	
	FROM 1.42 NOT DISAGGREGATED BELOW	488	869	540	803	546	621	559	634	565	565	565	
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	901	184	913	188	851	190	847	172	848	849	849	
1.422	BLEACHED CONIFEROUS SULPHITE PULP	3193	992	3174	1012	2623	987	2652	995	2668	2679	2679	
1.43	UNBLEACHED SULPHATE PULP	37393	3550	37282	3634	37219	3594	37465	3511	37796	37913	37913	
	FROM 1.43 NOT DISAGGREGATED BELOW	6287	1894	6285	1901	6303	1946	6324	1950	6385	6385	6385	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	2687	135	2830	130	2688	115	2721	115	2722	2717	2717	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	28419	1521	28167	1603	28228	1533	28420	1446	28689	28811	28811	
1.44	BLEACHED SULPHATE+SODA PULP	51542	21825	53537	22570	55412	22994	56611	23128	57110	57196	57196	
	FROM 1.44 NOT DISAGGREGATED BELOW	2010	255	2015	255	2020	255	2021	255	2003	2003	2003	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	22189	8314	23284	8624	24304	8843	24839	8936	25140	25179	25179	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	27343	13256	28238	13691	29088	13896	29751	13937	29967	30014	30014	
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	9570	383	10029	383	10352	383	10498	383	10499	10499	10499	
	FROM 2 NOT DISAGGREGATED BELOW	989	15	1003	15	1017	15	1022	15	1022	1022	1022	
2.1	PULP OF STRAW	3055	48	3172	48	3233	48	3239	48	3240	3240	3240	
2.2	PULP OF BAGASSE	1968	42	2069	42	2203	42	2282	42	2282	2282	2282	
2.3	PULP OF BAMBOO	1404	40	1533	40	1643	40	1709	40	1709	1709	1709	
2.4	PULP OF OTHER FIBRE	2154	238	2252	238	2256	238	2246	238	2246	2246	2246	
3	DISSOLVING PULP, WOOD+OTHER FIBRE MATERIALS	6094	5060	6086	5048	5922	4990	5948	4986	5945	5946	5946	
	FROM 3 NOT DISAGGREGATED BELOW	2281	1771	2277	1767	2277	1767	2273	1763	2270	2270	2270	
3.1	NON-CONIFEROUS DISSOLVING PULP	2216	1739	2219	1738	2050	1715	2120	1715	2120	2120	2120	
3.2	CONIFEROUS DISSOLVING PULP	1597	1550	1590	1543	1555	1508	1555	1508	1555	1555	1555	

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	212467	217007	219402	223626	226392	227341
	FROM 4 NOT DISAGGREGATED BELOW	15	40	54	56	58	58
4.1	NEWSPRINT	31234	31736	31988	32390	33196	33306
4.2	OTHER PRINTING AND WRITING PAPER	54806	56899	58118	60452	61407	61654
	FROM 4.2 NOT DISAGGREGATED BELOW	3756	3856	4311	4003	4010	4019
4.21	COATED PRINTING AND WRITING PAPER	14835	15577	16092	17344	17673	17754
	FROM 4.21 NOT DISAGGREGATED BELOW	3834	4484	4346	4634	4762	4780
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	6710	6914	7338	8121	8237	8269
4.212	COATED WOODFREE PRINTING & WRITING PAPER	4291	4179	4408	4589	4674	4705
4.22	UNCOATED PRINTING AND WRITING PAPER	36215	37466	37715	39105	39724	39881
	FROM 4.22 NOT DISAGGREGATED BELOW	2155	2225	2272	2310	2310	2310
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	9691	9838	9597	10223	10275	10323
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	24369	25403	25846	26572	27139	27248
4.3	OTHER PAPER AND PAPERBOARD	126412	128332	129242	130728	131731	132323
	FROM 4.3 NOT DISAGGREGATED BELOW	1167	1165	1160	1195	1281	1281
4.31	HOUSEHOLD AND SANITARY PAPER	11602	11845	12055	12246	12297	12347
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	101748	103296	103987	105116	105911	106404
	FROM 4.32 NOT DISAGGREGATED BELOW	1804	1804	1804	1804	1804	1804
4.321	LINEBOARD	33382	33900	34547	35081	35444	35642
	FROM 4.321 NOT DISAGGREGATED BELOW	3835	3901	3586	4069	4090	4106
4.3211	KRAFT LINER	22562	22911	23133	23459	23711	23796
	FROM 4.3211 NOT DISAGGREGATED BELOW	3193	3062	3094	3129	3160	3190
4.32111	UNBLEACHED KRAFT LINER	18961	19418	19583	19859	20040	20065
4.32112	BLEACHED KRAFT LINER	408	431	456	471	511	541
4.3212	OTHER LINEBOARD	6985	7088	7428	7553	7643	7740
4.322	FLUTING MEDIUM	19440	19816	19512	20075	20161	20290
	FROM 4.322 NOT DISAGGREGATED BELOW	4120	4150	3990	3990	3990	3990
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	8787	9038	9111	9207	9250	9282
4.3222	OTHER FLUTING MEDIUM	6533	6628	6811	6878	6921	7018
4.323	KRAFT WRAPPING AND PACKAGING	15229	15246	15161	15316	15483	15524
	FROM 4.323 NOT DISAGGREGATED BELOW	744	754	943	965	994	1001
4.3231	SACK KRAFT	7130	7162	6511	6881	6985	6992
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	7355	7330	7307	7470	7504	7531
4.324	FOLDING BOXBOARD	18442	18666	18871	19036	19128	19177
	FROM 4.324 NOT DISAGGREGATED BELOW	2232	2307	1975	1981	1986	1994
4.3241	PULP BASED FOLDING BOXBOARD	9536	9788	9966	10081	10128	10140
	FROM 4.3241 NOT DISAGGREGATED BELOW	1088	1100	1157	1151	1159	1166
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	5571	5730	5793	5895	5930	5935
4.32412	OTHER PULP BASED FOLDING BOXBOARD	2877	2958	3016	3035	3039	3039
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	6674	6771	6526	6974	7014	7043
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	13451	13664	13692	13804	13891	13967
	FROM 4.325 NOT DISAGGREGATED BELOW	1171	1187	1177	1177	1177	1177
4.3251	OTHER WRAPPING PAPER	3586	3614	3568	3565	3567	3571
4.3252	OTHER PACKAGING PAPERBOARD	8694	8863	8547	9062	9147	9219
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	11895	12026	12040	12171	12242	12291
	FROM 4.33 NOT DISAGGREGATED BELOW	868	870	876	881	882	882
4.331	OTHER PAPER N.E.S.	5775	5857	5834	5922	5969	6003
4.332	OTHER PAPERBOARD N.E.S.	5252	5299	5300	5368	5391	5406

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

WORLD, CENTR. PLANNED		1984		1985		1986		1987		1988	1989
		TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
PROCESS		1000 METRIC TONS (AIF DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	17644	2697	17652	2697	17747	2692	17799	2680	17799	17799
1.1	MECHANICAL PULP	3635	5	3673	9	3682	9	3682	9	3682	3682
	FROM 1.1 NOT DISAGGREGATED BELOW	2861	7	2866	7	2875	7	2875	7	2875	2875
1.11	MECHANICAL NON-CONIFEROUS PULP	73	0	73	0	73	0	73	0	73	73
1.12	MECHANICAL CONIFEROUS PULP	701	2	734	2	734	2	734	2	734	734
1.2	THERMO-MECHANICAL PULP	175	0	190	0	190	0	202	0	202	202
	FROM 1.2 NOT DISAGGREGATED BELOW	140	0	140	0	140	0	152	0	152	152
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	35	0	50	0	50	0	50	0	50	50
1.3	SEMI-CHEMICAL PULP	1267	50	1267	50	1291	50	1325	50	1325	1325
	FROM 1.3 NOT DISAGGREGATED BELOW	855	0	855	0	855	0	855	0	855	855
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	412	50	412	50	436	50	470	50	470	470
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	12567	2638	12562	2638	12584	2633	12590	2621	12590	12590
	FROM 1.4 NOT DISAGGREGATED BELOW	1360	37	1380	37	1380	37	1380	37	1380	1380
1.41	UNBLEACHED SULPHITE PULP	3336	400	3337	400	3337	400	3337	400	3337	3337
	FROM 1.41 NOT DISAGGREGATED BELOW	3100	350	3100	350	3100	350	3100	350	3100	3100
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	7	0	7	0	7	0	7	0	7	7
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	229	50	230	50	230	50	230	50	230	230
1.42	BLEACHED SULPHITE PULP	430	267	430	267	431	262	431	250	431	431
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	56	52	56	52	56	52	56	40	56	56
1.422	BLEACHED CONIFEROUS SULPHITE PULP	374	215	374	215	375	210	375	210	375	375
1.43	UNBLEACHED SULPHATE PULP	5038	1550	5007	1550	5023	1550	5028	1550	5028	5028
	FROM 1.43 NOT DISAGGREGATED BELOW	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	93
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	780	0	749	0	765	0	770	0	770	770
1.44	BLEACHED SULPHATE+SODA PULP	2403	384	2408	384	2413	384	2414	384	2414	2414
	FROM 1.44 NOT DISAGGREGATED BELOW	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	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	4271	17	4448	17	4458	17	4464	17	4464	4464
	FROM 2 NOT DISAGGREGATED BELOW	627	0	627	0	627	0	627	0	627	627
2.1	PULP OF STRAW	2123	16	2222	16	2227	16	2232	16	2232	2232
2.2	PULP OF BAGASSE	210	0	225	0	225	0	225	0	225	225
2.3	PULP OF BAMBOO	133	0	148	0	153	0	154	0	154	154
2.4	PULP OF OTHER FIBRE	1178	1	1226	1	1226	1	1226	1	1226	1226
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	2249	1740	2249	1740	2249	1740	2249	1740	2249	2249
	FROM 3 NOT DISAGGREGATED BELOW	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	293
3.2	CONIFEROUS DISSOLVING PULP	0	0	6	0	6	0	6	0	6	6
		1984	1985	1986	1987	1988	1989				
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR									
4	PAPER AND PAPERBOARD		26587	26886	26966	27058	27171	27224			
	FROM 4 NOT DISAGGREGATED BELOW		2	2	2	2	2	2			
4.1	NEWSPRINT		2848	2888	2888	2916	2916	2941			
4.2	OTHER PRINTING AND WRITING PAPER		4913	5051	5134	5154	5157	5159			
	FROM 4.2 NOT DISAGGREGATED BELOW		2298	2374	2440	2450	2450	2450			
4.21	COATED PRINTING AND WRITING PAPER		140	185	187	187	187	187			
	FROM 4.21 NOT DISAGGREGATED BELOW		65	100	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		29	39	41	41	41	41			
4.22	UNCOATED PRINTING AND WRITING PAPER		2475	2492	2507	2517	2520	2522			
	FROM 4.22 NOT DISAGGREGATED BELOW		57	67	76	79	79	79			
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER		287	302	304	304	304	304			
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER		2131	2123	2127	2134	2137	2139			
4.3	OTHER PAPER AND PAPERBOARD		18824	18945	18942	18986	19096	19122			
	FROM 4.3 NOT DISAGGREGATED BELOW		1167	1165	1160	1195	1281	1241			
4.31	HOUSEHOLD AND SANITARY PAPER		536	557	557	557	557	557			
4.32	WRAPPING AND PACKAGING PAPER AND BOARD		15447	15539	15540	15549	15569	15592			
	FROM 4.32 NOT DISAGGREGATED BELOW		1130	1130	1130	1130	1130	1130			
4.321	LINEBOARD		2408	2448	2448	2448	2449	2487			
	FROM 4.321 NOT DISAGGREGATED BELOW		1860	1860	1860	1860	1860	1860			
4.3211	KRAFT LINER		180	200	200	200	200	200			
4.32111	UNBLEACHED KRAFT LINER		168	185	185	185	185	185			
4.32112	BLEACHED KRAFT LINER		12	15	15	15	15	15			
4.3212	OTHER LINEBOARD		368	388	388	388	389	427			
4.322	FLUTING MEDIUM		2965	2986	2986	2990	2999	3004			
	FROM 4.322 NOT DISAGGREGATED BELOW		2340	2360	2360	2360	2360	2360			
4.3221	SEMI-CHEMICAL FLUTING MEDIUM		327	328	328	330	334	336			
4.3222	OTHER FLUTING MEDIUM		298	298	298	300	305	308			
4.323	KRAFT WRAPPING AND PACKAGING		3346	3356	3356	3358	3361	3338			
4.3231	SACK KRAFT		2447	2447	2447	2449	2452	2429			
4.3232	OTHER KRAFT WRAPPING AND PACKAGING		899	909	909	909	909	909			
4.324	FOLDING BOXBOARD		2507	2507	2507	2508	2509	2510			
4.3241	PULP BASED FOLDING BOXBOARD		1987	1987	1987	1987	1987	1987			
	FROM 4.3241 NOT DISAGGREGATED BELOW		500	500	500	500	500	500			
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD		967	967	967	967	967	967			
4.32412	OTHER PULP BASED FOLDING BOXBOARD		520	520	520	520	520	520			
4.3242	WASTE PAPER BASED FOLDING BOXBOARD		520	520	520	521	522	523			
4.325	OTHER WRAPPING AND PACKAGING N.E.S.		3091	3112	3113	3115	3121	3123			
4.3251	OTHER WRAPPING PAPER		1416	1437	1438	1438	1438	1438			
4.3252	OTHER PACKAGING PAPERBOARD		1675	1675	1675	1677	1683	1685			
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL		1674	1684	1685	1685	1689	1692			
4.331	OTHER PAPER N.E.S.		1086	1096	1097	1097	1101	1104			
4.332	OTHER PAPERBOARD N.E.S.		588	588	588	588	588	588			

WORLD DEVELOPED		1984		1985		1986		1987		1988	1989
PROCESS		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 (AIF DRY) PER YEAR									
1	WOOD PULP FOR PAPER AND PAPERBOARD	121072	24878	122955	25395	124721	25790	126502	25813	127344	127584
	FROM 1 NOT DISAGGREGATED BELOW	196	0	266	0	341	0	376	0	476	476
1.1	MECHANICAL PULP	20781	1529	29450	1271	20328	1635	20186	1645	20297	20262
	FROM 1.1 NOT DISAGGREGATED BELOW	7534	581	7417	298	7439	658	7438	708	7469	7469
1.11	MECHANICAL NON-CONIFEROUS PULP	307	13	304	13	305	13	307	13	307	307
1.12	MECHANICAL CONIFEROUS PULP	12540	935	12729	960	12584	964	12441	964	12521	12486
1.2	THERMO-MECHANICAL PULP	10199	281	10752	313	11448	428	12619	458	12842	12929
	FROM 1.2 NOT DISAGGREGATED BELOW	3675	17	3959	17	4279	17	4466	17	4515	4515
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	110	0	111	0	113	0	119	0	120	120
1.22	THERMO-MECHANICAL CONIFEROUS PULP	6414	264	6682	296	7456	411	8034	441	8207	8294
1.3	SEMI-CHEMICAL PULP	7681	255	7758	255	7756	254	7802	254	7827	7873
	FROM 1.3 NOT DISAGGREGATED BELOW	640	0	640	0	644	0	645	0	645	645
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	6597	249	6676	249	6683	249	6724	249	6746	6792
1.32	SEMI-CHEMICAL CONIFEROUS PULP	444	6	442	6	429	5	433	5	436	436
1.4	CHEMICAL PULP TOTAL	82215	22813	83729	23556	84448	23473	85519	23416	86002	86144
	FROM 1.4 NOT DISAGGREGATED BELOW	260	110	260	110	260	110	260	110	260	260
1.41	UNBLEACHED SULPHITE PULP	2875	393	2560	363	2436	310	2448	317	2446	2441
	FROM 1.41 NOT DISAGGREGATED BELOW	1691	39	1562	39	1561	39	1566	39	1572	1572
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	160	105	153	115	120	112	122	114	124	124
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	1024	249	845	209	755	159	760	164	750	745
1.42	BLEACHED SULPHITE PULP	4070	1756	4115	1714	3507	1514	3545	1529	3568	3580
	FROM 1.42 NOT DISAGGREGATED BELOW	488	869	540	803	546	621	559	634	565	565
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	835	132	847	136	785	138	781	142	782	783
1.422	BLEACHED CONIFEROUS SULPHITE PULP	2747	755	2728	775	2176	755	2205	763	2221	2232
1.43	UNBLEACHED SULPHATE PULP	30067	1477	25909	1551	25702	1491	29799	1405	29855	29927
	FROM 1.43 NOT DISAGGREGATED BELOW	1891	344	1884	351	1897	396	1908	400	1908	1908
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	1969	71	2127	66	1965	51	1978	51	1979	1974
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	26207	1062	25898	1134	25840	1044	25913	954	25968	26045
1.44	BLEACHED SULPHATE+SODA PULP	44943	19077	46885	19818	48543	20048	49467	20055	49873	49936
	FROM 1.44 NOT DISAGGREGATED BELOW	207	0	207	0	207	0	207	0	207	207
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	18970	6492	20026	6798	21030	6987	21446	7025	21713	21735
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	25766	12585	26652	13020	27306	13061	27814	13030	27953	27994
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	989	64	1019	64	1039	64	1046	64	1046	1046
	FROM 2 NOT DISAGGREGATED BELOW	362	15	376	15	390	15	395	15	395	395
2.1	PULP OF STRAW	332	32	337	32	342	32	343	32	343	343
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	193	17	204	17	205	17	206	17	206	206
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	3573	3260	3540	3228	3356	3170	3352	3166	3349	3350
	FROM 3 NOT DISAGGREGATED BELOW	326	221	322	217	322	217	318	213	315	315
3.1	NON-CONIFEROUS DISSOLVING PULP	1698	1499	1676	1478	1527	1455	1527	1455	1527	1528
3.2	CONIFEROUS DISSOLVING PULP	1549	1540	1542	1533	1507	1498	1507	1498	1507	1507

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	165729	168874	170450	174064	175954	176746
4.1	NEWSPRINT	26467	26671	26717	27020	27593	27655
4.2	OTHER PRINTING AND WRITING PAPER	44937	46594	47569	49777	50434	50670
	FROM 4.2 NOT DISAGGREGATED BELOW	599	599	599	599	599	599
4.21	COATED PRINTING AND WRITING PAPER	14323	15015	15519	16771	17060	17141
	FROM 4.21 NOT DISAGGREGATED BELOW	3705	4317	4176	4464	4592	4610
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	6534	6738	7162	7945	8061	8093
4.212	COATED WOODFREE PRINTING & WRITING PAPER	4084	3960	4181	4362	4407	4438
4.22	UNCOATED PRINTING AND WRITING PAPER	30015	30980	31101	32407	32775	32940
	FROM 4.22 NOT DISAGGREGATED BELOW	1478	1538	1543	1578	1578	1578
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	9231	9343	9100	9672	9724	9772
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	19306	20099	20458	21157	21473	21580
4.3	OTHER PAPER AND PAPERBOARD	94325	95609	96164	97267	97927	98421
4.31	HOUSEHOLD AND SANITARY PAPER	9661	9835	10016	10191	10241	10291
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	75245	76238	76605	77407	77951	78349
	FROM 4.32 NOT DISAGGREGATED BELOW	631	631	631	631	631	631
4.321	LINEBOARD	27504	27846	28373	28775	29036	29164
	FROM 4.321 NOT DISAGGREGATED BELOW	748	748	768	768	768	768
4.3211	KRAFT LINEE	20655	20924	21102	21390	21565	21636
	FROM 4.3211 NOT DISAGGREGATED BELOW	3085	2933	2965	3000	3031	3061
4.32111	UNBLEACHED KRAFT LINEE	17194	17595	17716	17954	18058	18069
4.32112	BLEACHED KRAFT LINEE	376	396	421	436	476	506
4.3212	OTHER LINEBOARD	6101	6174	6503	6617	6703	6760
4.322	FLUTING MEDIUM	14722	15008	15061	15204	15275	15397
	FROM 4.322 NOT DISAGGREGATED BELOW	1574	1581	1421	1421	1421	1421
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	8248	8453	8503	8596	8634	8664
4.3222	OTHER FLUTING MEDIUM	4900	4974	5137	5187	5220	5312
4.323	KRAFT WRAPPING AND PACKAGING	9406	9346	9172	9196	9244	9278
	FROM 4.323 NOT DISAGGREGATED BELOW	160	160	330	330	330	330
4.3231	SACK KRAFT	3672	3664	3394	3319	3345	3356
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	5574	5522	5448	5547	5569	5592
4.324	FOLDING BOXBOARD	13896	14156	14103	14257	14340	14380
	FROM 4.324 NOT DISAGGREGATED BELOW	1677	1703	1369	1369	1369	1369
4.3241	PULP BASED FOLDING BOXBOARD	7275	7506	7662	7771	7815	7827
	FROM 4.3241 NOT DISAGGREGATED BELOW	588	600	657	651	659	666
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	4549	4708	4771	4873	4908	4913
4.32412	OTHER PULP BASED FOLDING BOXBOARD	2138	2198	2234	2247	2248	2248
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	4944	4947	5072	5117	5156	5184
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	9086	9251	9265	9344	9425	9499
	FROM 4.325 NOT DISAGGREGATED BELOW	1010	1025	1015	1015	1015	1015
4.3251	OTHER WRAPPING PAPER	1684	1680	1631	1627	1629	1633
4.3252	OTHER PACKAGING PAPERBOARD	6392	6546	6619	6702	6781	6851
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	9419	9536	9543	9669	9735	9781
	FROM 4.33 NOT DISAGGREGATED BELOW	710	710	710	710	710	710
4.331	OTHER PAPER N.E.S.	4237	4307	4283	4371	4414	4445
4.332	OTHER PAPERBOARD N.E.S.	4472	4519	4550	4588	4611	4626

FAC PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

NORTHERN AMERICA

PROCESS	1984		1985		1986		1987		1988		1989	
	TOTAL CAPACITY	WHICH CITY MARKET PULP	TOTAL CAPACITY	WHICH CITY MARKET PULP	TOTAL CAPACITY	WHICH CITY MARKET PULP	TOTAL CAPACITY	WHICH CITY MARKET PULP	TOTAL CAPACITY	WHICH CITY MARKET PULP	TOTAL CAPACITY	WHICH CITY MARKET PULP
	1000 METRIC TONS (AIR DRY) PER YEAR											
1 WOOD PULP FOR PAPER AND PAPERBOARD	73954	13212	74685	13359	76259	14050	77067	14081	77287	77287		
1.1 MECHANICAL PULP	9986	534	9805	246	9822	606	9811	656	9854	9854		
FROM 1.1 NOT DISAGGREGATED BELOW	6250	521	6123	233	6135	593	6079	643	6105	6105		
1.11 MECHANICAL NON-CONIFEROUS PULP	167	13	184	13	185	13	187	13	187	187		
1.12 MECHANICAL CONIFEROUS PULP	3549	0	3498	0	3512	0	3545	0	3562	3562		
1.2 THERMO-MECHANICAL PULP	5761	0	6054	0	6434	0	6728	0	6800	6800		
FROM 1.2 NOT DISAGGREGATED BELOW	3563	0	3847	0	4167	0	4354	0	4403	4403		
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	110	0	111	0	113	0	119	0	120	120		
1.22 THERMO-MECHANICAL CONIFEROUS PULP	2088	0	2096	0	2154	0	2255	0	2277	2277		
1.3 SEMI-CHEMICAL PULP	4617	0	4653	0	4671	0	4699	0	4701	4701		
FROM 1.3 NOT DISAGGREGATED BELOW	472	0	472	0	476	0	477	0	477	477		
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	4145	0	4181	0	4155	0	4222	0	4224	4224		
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.4 CHEMICAL PULP TOTAL	53590	12678	54173	13113	55322	13444	55829	13425	55932	55932		
1.41 UNBLEACHED SULPHITE PULP	1881	39	1737	39	1736	39	1741	39	1747	1747		
FROM 1.41 NOT DISAGGREGATED BELOW	1634	39	1505	39	1504	39	1509	39	1515	1515		
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0		
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	247	0	232	0	232	0	232	0	232	232		
1.42 BLEACHED SULPHITE PULP	1733	611	1793	603	1802	621	1817	634	1823	1823		
FROM 1.42 NOT DISAGGREGATED BELOW	414	611	466	603	472	621	485	634	491	491		
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	396	.	398	.	399	.	400	.	400	400		
1.422 BLEACHED CONIFEROUS SULPHITE PULP	923	.	929	.	931	.	932	.	932	932		
1.43 UNBLEACHED SULPHATE PULP	20934	344	20664	351	20782	396	20894	400	20907	20907		
FROM 1.43 NOT DISAGGREGATED BELOW	1735	344	1728	351	1741	396	1752	400	1752	1752		
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	960	.	947	.	953	.	957	.	958	958		
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	18239	.	17989	.	18088	.	18185	.	18197	18197		
1.44 BLEACHED SULPHATE+SODA PULP	29042	11684	29979	12120	31002	12368	31377	12352	31455	31455		
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	10081	2781	10493	2891	11020	3038	11168	3128	11195	11195		
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	18961	8903	19486	9229	19982	9350	20209	9224	20260	20260		

2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	342	0	356	0	370	0	375	0	375	375		
FROM 2 NOT DISAGGREGATED BELOW	342	0	356	0	370	0	375	0	375	375		
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	1585	1585	1581	1581	1561	1581	1577	1577	1574	1574		
FROM 3 NOT DISAGGREGATED BELOW	221	221	217	217	217	217	213	213	210	210		
3.1 NON-CONIFEROUS DISSOLVING PULP	477	477	477	477	477	477	477	477	477	477		
3.2 CONIFEROUS DISSOLVING PULP	887	887	887	887	887	887	887	887	887	887		

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	82835	83874	85357	86820	87224	87224
4.1 NEWSPRINT	15124	15044	15190	15254	15358	15358
4.2 OTHER PRINTING AND WRITING PAPER	19676	20460	21169	22113	22371	22371
4.21 COATED PRINTING AND WRITING PAPER	5811	5981	6189	6651	6697	6697
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	3358	3396	3505	3867	3909	3909
4.212 COATED WOODFREE PRINTING & WRITING PAPER	2453	2585	2684	2784	2788	2788
4.22 UNCOATED PRINTING AND WRITING PAPER	13865	14479	14980	15462	15674	15674
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2461	2566	2673	2804	2789	2789
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	11404	11913	12307	12658	12885	12885
4.3 OTHER PAPER AND PAPERBOARD	48035	48370	48998	49453	49495	49495
4.31 HOUSEHOLD AND SANITARY PAPER	5223	5308	5469	5584	5586	5586
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	35246	39495	39953	40280	40317	40317
4.321 LINERBOARD	16587	16839	17164	17301	17330	17330
4.3211 KRAFT LINER	15944	16170	16347	16479	16500	16500
FROM 4.3211 NOT DISAGGREGATED BELOW	892	905	905	915	917	917
4.32111 UNBLEACHED KRAFT LINER	14958	15171	15344	15470	15489	15489
4.32112 BLEACHED KRAFT LINER	94	94	94	94	94	94
4.3212 OTHER LINERBOARD	643	669	817	822	830	830
4.322 FLUTING MEDIUM	6746	6841	6925	6992	6992	6992
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	5253	5331	5352	5455	5460	5460
4.3222 OTHER FLUTING MEDIUM	1493	1510	1533	1537	1532	1532
4.323 KRAFT WRAPPING AND PACKAGING	5132	4912	4912	4929	4931	4931
4.3231 SACK KRAFT	1147	1118	1112	1106	1102	1102
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	3985	3794	3800	3823	3829	3829
4.324 FOLDING BOXBOARD	7290	7426	7479	7569	7573	7573
4.3241 PULP BASED FOLDING BOXBOARD	4905	5038	5075	5155	5156	5156
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	3790	3913	3945	4022	4022	4022
4.32412 OTHER PULP BASED FOLDING BOXBOARD	1115	1125	1130	1133	1134	1134
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	2385	2388	2404	2414	2417	2417
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	3491	3477	3473	3489	3491	3491
4.3251 OTHER WRAPPING PAPER	19	20	20	20	20	20
4.3252 OTHER PACKAGING PAPERBOARD	3472	3457	3453	3469	3471	3471
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	3566	3567	3576	3589	3592	3592
4.331 OTHER PAPER N.E.S.	1158	1165	1172	1179	1182	1182
4.332 OTHER PAPERBOARD N.E.S.	2408	2402	2404	2410	2410	2410

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

JAPAN		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL CF		TOTAL OF		TOTAL CF		TOTAL OF		TOTAL		TOTAL	
		CAPA- WHICH CITY	MARKET PULP	CAPA- WHICH CITY	CAPA- WHICH CITY	CAPA- WHICH CITY							
1000 METRIC TONS (A1E DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	12066	1058	12021	1058	12351	1058	12566	1058	12611	12611		
1.1	MECHANICAL PULP	1494	25	1465	25	1471	25	1471	25	1471	1471		
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.12	MECHANICAL CONIFEROUS PULP	1494	25	1465	25	1471	25	1471	25	1471	1471		
1.2	THERMO-MECHANICAL PULP	1062	0	1110	0	1110	0	1162	0	1180	1180		
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0		
1.22	THERMO-MECHANICAL CONIFEROUS PULP	1062	0	1110	0	1110	0	1162	0	1180	1180		
1.3	SEMI-CHEMICAL PULP	1336	50	1331	50	1280	50	1296	50	1307	1307		
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	1030	50	1027	50	989	50	1001	50	1009	1009		
1.32	SEMI-CHEMICAL CONIFEROUS PULP	306	0	304	0	291	0	295	0	298	298		
1.4	CHEMICAL PULP TOTAL	8174	983	8115	983	8530	983	8637	983	8653	8653		
1.41	UNBLEACHED SULPHITE PULP	178	24	104	24	104	24	104	24	104	104		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	12	0	8	0	8	0	8	0	8	8		
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	166	24	96	24	96	24	96	24	96	96		
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	3314	303	3094	303	3146	303	3161	303	3161	3161		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	828	36	773	36	786	36	790	36	790	790		
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	2486	267	2321	267	2360	267	2371	267	2371	2371		
1.44	BLEACHED SULPHATE-SODA PULP	4682	656	4917	656	5280	656	5372	656	5388	5388		
1.441	BLEACHED NON-CONIFEROUS SULPHATE-SODA PULP	3933	567	4130	567	4435	567	4512	567	4526	4526		
1.442	BLEACHED CONIFEROUS SULPHATE-SODA PULP	749	89	787	89	845	89	860	89	862	862		
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	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		
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	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		
3.1	NON-CONIFEROUS DISSOLVING PULP	386	329	386	329	386	329	386	329	386	386		
3.2	CONIFEROUS DISSOLVING PULP	63	54	63	54	63	54	63	54	63	63		
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR													
4	PAPER AND PAPERBOARD			23495	23638	24118	24686	25169	25565				
4.1	NEWSPRINT			2829	2915	2925	3012	3143	3175				
4.2	OTHER PRINTING AND WRITING PAPER			6112	6256	6505	6834	7003	7105				
4.21	COATED PRINTING AND WRITING PAPER			1904	2052	2380	2663	2791	2809				
	FROM 4.21 NOT DISAGGREGATED BELOW			1904	2052	2380	2663	2791	2809				
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER			.	.	.	.	.	.
4.212	COATED WOODFREE PRINTING & WRITING PAPER			.	.	.	.	.	.
4.22	UNCOATED PRINTING AND WRITING PAPER			4208	4204	4125	4171	4212	4296				
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER			2175	2152	2024	2014	2034	2055				
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER			2033	2052	2101	2157	2178	2241				
4.3	OTHER PAPER AND PAPERBOARD			14554	14467	14688	14840	15023	15285				
4.31	HOUSEHOLD AND SANITARY PAPER			1154	1183	1210	1226	1238	1251				
4.32	WRAPPING AND PACKAGING PAPER AND BOARD			10569	10413	10624	10712	10854	11073				
4.321	LINERBOARD			4411	4178	4241	4304	4364	4435				
4.3211	KRAFT LINER			2047	1882	1910	1939	1968	1998				
	FROM 4.3211 NOT DISAGGREGATED BELOW			2047	1882	1910	1939	1968	1998				
4.32111	UNBLEACHED KRAFT LINER			.	.	.	.	.	.
4.32112	BLEACHED KRAFT LINER			.	.	.	.	.	.
4.3212	OTHER LINERBOARD			2364	2296	2331	2365	2396	2437				
4.322	FLUTING MEDIUM			2668	2702	2742	2782	2824	2934				
4.3221	SEMI-CHEMICAL FLUTING MEDIUM			1569	1602	1626	1650	1675	1700				
4.3222	OTHER FLUTING MEDIUM			1099	1100	1116	1132	1149	1234				
4.323	KRAFT WRAPPING AND PACKAGING			1264	1268	1237	1233	1244	1257				
4.3231	SACK KRAFT			599	598	552	550	595	601				
4.3232	OTHER KRAFT WRAPPING AND PACKAGING			665	670	685	683	649	656				
4.324	FOLDING BOXBOARD			1766	1797	1931	1915	1939	1959				
4.3241	PULP BASED FOLDING BOXBOARD			588	600	657	651	659	666				
	FROM 4.3241 NOT DISAGGREGATED BELOW			588	600	657	651	659	666				
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD			.	.	.	.	.	.
4.32412	OTHER PULP BASED FOLDING BOXBOARD			.	.	.	.	.	.
4.3242	WASTE PAPER BASED FOLDING BOXBOARD			1178	1197	1274	1264	1280	1293				
4.325	OTHER WRAPPING AND PACKAGING N.E.S.			460	468	473	478	483	488				
4.3251	OTHER WRAPPING PAPER			0	0	0	0	0	0				
4.3252	OTHER PACKAGING PAPERBOARD			460	468	473	478	483	488				
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			2831	2871	2854	2902	2931	2961				
4.331	OTHER PAPER N.E.S.			1537	1549	1519	1553	1569	1585				
4.332	OTHER PAPERBOARD N.E.S.			1294	1322	1335	1349	1362	1376				

EEC COUNTRIES		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL	CAPA-	TOTAL	CAPA-
		CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	MARKET	CITY	CITY	CITY	CITY
		1000 METRIC TONS (AIR DRY) PER YEAR											
1	WOOD POLP FOR PAPER AND PAPERBOARD	5908	1017	6078	1046	6521	1088	6713	1115	6772	6831		
	FROM 1 NOT DISAGGREGATED BELOW	156	0	266	0	341	0	376	0	376	376		
1.1	MECHANICAL POLP	2731	8	2790	8	2934	8	2898	8	2876	2831		
	FROM 1.1 NOT DISAGGREGATED BELOW	650	0	650	0	650	0	650	0	650	650		
1.11	MECHANICAL NON-CONIFEROUS POLP	20	0	20	0	20	0	20	0	20	20		
1.12	MECHANICAL CONIFEROUS POLP	2061	8	2120	8	2264	8	2228	8	2206	2161		
1.2	THERMO-MECHANICAL POLP	131	17	131	17	272	17	357	17	385	447		
	FROM 1.2 NOT DISAGGREGATED BELOW	22	17	22	17	22	17	22	17	22	22		
1.21	THERMO-MECHANICAL NON-CONIFEROUS POLP	0	0	0	0	0	0	0	0	0	0		
1.22	THERMO-MECHANICAL CONIFEROUS POLP	109	0	109	0	250	0	335	0	363	425		
1.3	SEMI-CHEMICAL POLP	374	70	374	70	389	70	389	70	400	410		
	FROM 1.3 NOT DISAGGREGATED BELOW	100	0	100	0	100	0	100	0	100	100		
1.31	SEMI-CHEMICAL NON-CONIFEROUS POLP	262	70	262	70	277	70	277	70	288	298		
1.32	SEMI-CHEMICAL CONIFEROUS POLP	12	0	12	0	12	0	12	0	12	12		
1.4	CHEMICAL POLP TOTAL	2476	922	2517	951	2585	993	2653	1020	2735	2767		
	FROM 1.4 NOT DISAGGREGATED BELOW	150	0	150	0	150	0	150	0	150	150		
1.41	UNBLEACHED SULPHITE POLP	9	0	9	0	9	0	9	0	9	9		
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE POLP	0	0	0	0	0	0	0	0	0	0		
1.412	UNBLEACHED CONIFEROUS SULPHITE POLP	9	0	9	0	9	0	9	0	9	9		
1.42	BLEACHED SULPHITE POLP	864	352	875	361	856	353	874	360	886	898		
1.421	BLEACHED NON-CONIFEROUS SULPHITE POLP	229	52	229	51	231	48	231	47	232	233		
1.422	BLEACHED CONIFEROUS SULPHITE POLP	635	300	646	310	625	305	643	313	654	665		
1.43	UNBLEACHED SULPHATE POLP	450	0	500	0	500	0	550	0	550	550		
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE POLP	0	0	0	0	0	0	0	0	0	0		
1.432	UNBLEACHED CONIFEROUS SULPHATE POLP	450	0	500	0	500	0	550	0	550	550		
1.44	BLEACHED SULPHATE+SCDA POLP	963	570	983	590	1070	640	1110	660	1140	1160		
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SCDA POLP	693	350	713	370	740	390	780	410	810	830		
1.442	BLEACHED CONIFEROUS SULPHATE+SODA POLP	270	220	270	220	330	250	330	250	330	330		
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	289	47	294	47	299	47	300	47	300	300		
	FROM 2 NOT DISAGGREGATED BELOW	20	15	20	15	20	15	20	15	20	20		
2.1	PULP OF STRAW	157	32	162	32	167	32	168	32	168	168		
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	112	0	112	0	112	0	112	0	112	112		
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	198	198	199	199	201	201	201	201	201	202		
3.1	NON-CONIFEROUS DISSOLVING POLP	109	109	112	112	109	109	109	109	109	110		
3.2	CONIFEROUS DISSOLVING PULP	89	89	87	87	92	92	92	92	92	92		

		1984	1985	1986	1987	1988	1989
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	28536	29358	30531	31451	31809	32023
4.1	NEWSPRINT	1973	2136	2351	2428	2441	2466
4.2	OTHER PRINTING AND WRITING PAPER	10553	10890	11364	11965	12147	12233
4.21	COATED PRINTING AND WRITING PAPER	4489	4658	4884	5265	5364	5391
	FROM 4.21 NOT DISAGGREGATED BELOW	1476	1476	1476	1476	1476	1476
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	2218	2309	2508	2864	2952	2979
4.212	COATED WOODFREE PRINTING & WRITING PAPER	795	873	900	925	936	936
4.22	UNCOATED PRINTING AND WRITING PAPER	6064	6232	6480	6700	6783	6842
	FROM 4.22 NOT DISAGGREGATED BELOW	953	983	983	983	983	983
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	1674	1716	1807	1907	1943	1968
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	3437	3533	3650	3810	3857	3891
4.3	OTHER PAPER AND PAPERBOARD	16012	16332	16816	17058	17221	17324
4.31	HOUSEHOLD AND SANITARY PAPER	1902	1934	2020	2049	2080	2112
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	12309	12577	12940	13118	13232	13288
4.321	LINERBOARD	2826	2933	3076	3148	3192	3205
	FROM 4.321 NOT DISAGGREGATED BELOW	540	540	540	540	540	540
4.3211	KRAFT LINER	302	302	302	302	302	302
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	1984	2091	2234	2306	2350	2363
4.322	FLUTING MEDIUM	3493	3568	3680	3711	3734	3744
	FROM 4.322 NOT DISAGGREGATED BELOW	900	900	900	900	900	900
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	465	484	492	493	495	498
4.3222	OTHER FLUTING MEDIUM	2128	2184	2288	2318	2339	2346
4.323	KRAFT WRAPPING AND PACKAGING	654	646	640	673	682	682
	FROM 4.323 NOT DISAGGREGATED BELOW	160	160	160	160	160	160
4.3231	SACK KRAFT	124	124	124	124	124	124
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	370	362	376	389	398	398
4.324	FOLDING BOXBOARD	2166	2186	2224	2248	2262	2276
	FROM 4.324 NOT DISAGGREGATED BELOW	866	870	871	871	871	871
4.3241	PULP BASED FOLDING BOXBOARD	376	377	378	378	378	378
4.32411	BLEACHED CHEMICAL POLP FOLDING BOXBOARD	53	54	55	55	55	55
4.32412	OTHER POLP BASED FOLDING BOXBOARD	323	323	323	323	323	323
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	924	939	975	999	1013	1027
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	3170	3244	3300	3338	3362	3381
	FROM 4.325 NOT DISAGGREGATED BELOW	580	580	580	580	580	580
4.3251	OTHER WRAPPING PAPER	903	901	902	903	905	905
4.3252	OTHER PACKAGING PAPERBOARD	1687	1763	1818	1855	1877	1892
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	1801	1821	1856	1891	1909	1924
	FROM 4.33 NOT DISAGGREGATED BELOW	400	400	400	400	400	400
4.331	OTHER PAPER N.E.S.	992	1008	1028	1050	1059	1074
4.332	OTHER PAPERBOARD N.E.S.	409	413	428	441	450	450

NORDIC COUNTRIES		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL	CF	TOTAL	CF	TOTAL	CF	TOTAL	CF	TOTAL	CF	TOTAL	CF
		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 (AIF DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	20335	6380	20705	6395	21355	6460	21755	6400	22115	6400	22240	
1.1	MECHANICAL PULP	4705	570	4555	595	4460	600	4320	600	4405	600	4415	
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	
1.12	MECHANICAL CONIFEROUS PULP	4705	570	4555	595	4460	600	4320	600	4405	600	4415	
1.2	THERMO-MECHANICAL PULP	2680	190	2845	175	3420	290	3760	320	3865	320	3890	
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	
1.22	THERMO-MECHANICAL CONIFEROUS PULP	2680	190	2845	175	3420	290	3760	320	3865	320	3890	
1.3	SEMI-CHEMICAL PULP	690	35	735	35	750	35	750	35	750	35	785	
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	690	35	735	35	750	35	750	35	750	35	785	
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	
1.4	CHEMICAL PULP TOTAL	12260	5585	12570	5590	12725	5535	12925	5445	13095	5445	13150	
1.41	UNBLEACHED SULPHITE PULP	505	225	425	185	365	135	370	140	360	140	355	
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0	0	
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	505	225	425	185	365	135	370	140	360	140	355	
1.42	BLEACHED SULPHITE PULP	830	535	805	550	775	540	780	535	785	535	785	
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	140	80	145	85	155	90	150	85	150	85	150	
1.422	BLEACHED CONIFEROUS SULPHITE PULP	690	455	660	465	620	450	630	450	635	450	635	
1.43	UNBLEACHED SULPHATE PULP	3400	380	3480	430	3455	395	3360	280	3380	280	3400	
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	120	15	305	20	135	15	140	15	135	15	130	
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	3280	365	3175	410	3320	380	3220	265	3245	265	3270	
1.44	BLEACHED SULPHATE+SODA PULP	7525	4445	7860	4425	8130	4465	8415	4490	8570	4490	8610	
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2440	1375	2645	1375	2770	1385	2850	1340	2925	1340	2925	
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	5085	3070	5215	3050	5360	3080	5565	3150	5645	3150	5685	
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	555	550	525	525	465	465	465	465	465	465	465	
3.1	NON-CONIFEROUS DISSOLVING PULP	45	40	20	20	0	0	0	0	0	0	0	
3.2	CONIFEROUS DISSOLVING PULP	510	510	505	505	465	465	465	465	465	465	465	

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	17055	17550	18255	18775	19205	19370
4.1	NEWSPRINT	4590	4510	4505	4560	4690	4695
4.2	OTHER PRINTING AND WRITING PAPER	5135	5400	5905	6170	6205	6245
	FROM 4.2 NOT DISAGGREGATED BELOW	0	0	350	0	0	0
4.21	COATED PRINTING AND WRITING PAPER	1192	1360	1560	1685	1700	1735
	FROM 4.21 NOT DISAGGREGATED BELOW	5	5	0	5	5	5
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	858	950	1065	1130	1115	1120
4.212	COATED WOODFREE PRINTING & WRITING PAPER	329	405	495	550	580	610
4.22	UNCOATED PRINTING AND WRITING PAPER	3943	4040	3995	4485	4505	4510
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	2498	2460	2355	2705	2710	2710
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1445	1580	1640	1780	1795	1800
4.3	OTHER PAPER AND PAPERBOARD	7330	7640	7845	8045	8310	8430
4.31	HOUSEHOLD AND SANITARY PAPER	480	500	520	535	540	545
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	6110	6345	6500	6655	6900	7015
4.321	LINERBOARD	1575	1605	1645	1735	1860	1900
	FROM 4.321 NOT DISAGGREGATED BELOW	0	0	20	20	20	20
4.3211	KRAFT LINER	1562	1587	1607	1697	1822	1862
4.32111	UNBLEACHED KRAFT LINER	1327	1332	1327	1402	1487	1497
4.32112	BLEACHED KRAFT LINER	235	255	280	295	335	365
4.3212	OTHER LINERBOARD	13	18	18	18	18	18
4.322	FLUTING MEDIUM	695	745	760	760	765	765
	FROM 4.322 NOT DISAGGREGATED BELOW	0	0	70	70	70	70
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	690	740	685	685	690	690
4.3222	OTHER FLUTING MEDIUM	5	5	5	5	5	5
4.323	KRAFT WRAPPING AND PACKAGING	1510	1530	1540	1535	1560	1580
	FROM 4.323 NOT DISAGGREGATED BELOW	0	0	170	170	170	170
4.3231	SACK KRAFT	1180	1180	1070	1000	1025	1030
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	330	350	300	365	365	380
4.324	FOLDING BOXBOARD	1370	1420	1475	1530	1570	1575
	FROM 4.324 NOT DISAGGREGATED BELOW	30	30	30	30	30	30
4.3241	PULP BASED FOLDING BOXBOARD	1210	1295	1355	1390	1425	1430
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	560	595	625	650	685	690
4.32412	OTHER PULP BASED FOLDING BOXBOARD	650	700	730	740	740	740
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	130	95	90	110	115	115
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	960	1045	1060	1095	1145	1195
	FROM 4.325 NOT DISAGGREGATED BELOW	120	120	120	120	120	120
4.3251	OTHER WRAPPING PAPER	150	150	145	135	135	135
4.3252	OTHER PACKAGING PAPERBOARD	690	775	815	840	890	940
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	740	795	825	855	870	870
	FROM 4.33 NOT DISAGGREGATED BELOW	35	35	35	35	35	35
4.331	OTHER PAPER N.E.S.	455	490	505	530	545	545
4.332	OTHER PAPERBOARD N.E.S.	250	270	285	290	290	290

BEST OF WESTERN EUROPE

PROCESS	1984		1985		1986		1987		1988	1989	
	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	WHICH MARKET PULP	TOTAL CAPACITY CITY	TOTAL CAPACITY CITY	
1000 METRIC TONS (AIF DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	5156	2165	5313	2329	3965	1927	4049	1931	4204	4204
1.1	MECHANICAL PULP	889	61	859	66	654	65	709	65	714	714
	FROM 1.1 NOT DISAGGREGATED BELOW	634	60	644	65	654	65	709	65	714	714
1.11	MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12	MECHANICAL CONIFEROUS PULP	255	1	215	1	0	0	0	0	0	0
1.2	THERMO-MECHANICAL PULP	90	0	90	0	90	0	90	0	90	90
	FROM 1.2 NOT DISAGGREGATED BELOW	90	0	90	0	90	0	90	0	90	90
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	88	0	88	0	88	0	88	0	88	88
	FROM 1.3 NOT DISAGGREGATED BELOW	68	0	68	0	68	0	68	0	68	68
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	20	0	20	0	20	0	20	0	20	20
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	4089	2104	4276	2263	3133	1862	3162	1866	3312	3312
	FROM 1.4 NOT DISAGGREGATED BELOW	110	110	110	110	110	110	110	110	110	110
1.41	UNBLEACHED SULPHITE PULP	249	105	232	115	169	112	171	114	173	173
	FROM 1.41 NOT DISAGGREGATED BELOW	57	0	57	0	57	0	57	0	57	57
1.411	UNBLEACHED NON-CONIFEROUS SULPHITE PULP	148	105	145	115	112	112	114	114	116	116
1.412	UNBLEACHED CONIFEROUS SULPHITE PULP	44	0	30	0	0	0	0	0	0	0
1.42	BLEACHED SULPHITE PULP	643	258	642	200	74	0	74	0	74	74
	FROM 1.42 NOT DISAGGREGATED BELOW	74	258	74	200	74	0	74	0	74	74
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	70	0	75	0	0	0	0	0	0	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	499	0	493	0	0	0	0	0	0	0
1.43	UNBLEACHED SULPHATE PULP	1080	140	1127	157	760	87	735	87	758	758
	FROM 1.43 NOT DISAGGREGATED BELOW	156	0	156	0	156	0	156	0	156	156
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	56	20	52	10	41	0	41	0	46	46
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	868	120	919	147	563	87	538	87	556	556
1.44	BLEACHED SULPHATE+SODA PULP	2007	1491	2165	1681	2020	1553	2072	1555	2197	2197
	FROM 1.44 NOT DISAGGREGATED BELOW	207	0	207	0	207	0	207	0	207	207
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	1592	1368	1661	1441	1673	1453	1690	1455	1810	1810
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	208	123	297	240	140	100	175	100	180	180
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	242	13	253	13	254	13	254	13	254	254
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	67	13	78	13	79	13	79	13	79	79
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	301	59	301	55	160	55	160	55	160	160
	FROM 3 NOT DISAGGREGATED BELOW	105	0	105	0	105	0	105	0	105	105
3.1	NON-CONIFEROUS DISSOLVING PULP	196	59	196	55	55	55	55	55	55	55
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	9136	9435	7033	7093	7113	7113
4.1	NEWSPRINT	830	925	605	625	640	640
4.2	OTHER PRINTING AND WRITING PAPER	2763	2885	1914	1949	1954	1954
	FROM 4.2 NOT DISAGGREGATED BELOW	599	599	599	599	599	599
4.21	COATED PRINTING AND WRITING PAPER	858	894	435	435	435	435
	FROM 4.21 NOT DISAGGREGATED BELOW	320	784	320	320	320	320
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	62	65	65	65	65	65
4.212	COATED WOODFREE PRINTING & WRITING PAPER	456	45	50	50	50	50
4.22	UNCOATED PRINTING AND WRITING PAPER	1306	1392	880	915	920	920
	FROM 4.22 NOT DISAGGREGATED BELOW	525	555	560	595	595	595
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	285	310	100	100	105	105
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	496	527	220	220	220	220
4.3	OTHER PAPER AND PAPERBOARD	5543	5625	4514	4519	4519	4519
4.31	HOUSEHOLD AND SANITARY PAPER	664	668	553	553	553	553
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	4519	4597	3651	3656	3656	3656
	FROM 4.32 NOT DISAGGREGATED BELOW	631	631	631	631	631	631
4.321	LINERBOARD	1220	1249	1126	1126	1126	1126
	FROM 4.321 NOT DISAGGREGATED BELOW	205	205	205	205	205	205
4.3211	KRAFT LINER	440	469	346	346	346	346
	FROM 4.3211 NOT DISAGGREGATED BELOW	146	146	146	146	146	146
4.32111	UNBLEACHED KRAFT LINER	294	323	200	200	200	200
4.32112	BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212	OTHER LINERBOARD	575	575	575	575	575	575
4.322	FLUTING MEDIUM	754	761	551	551	551	551
	FROM 4.322 NOT DISAGGREGATED BELOW	674	681	451	451	451	451
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222	OTHER FLUTING MEDIUM	80	80	100	100	100	100
4.323	KRAFT WRAPPING AND PACKAGING	551	561	361	361	361	361
4.3231	SACK KRAFT	450	460	310	310	310	310
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	101	101	51	51	51	51
4.324	FOLDING BOXBOARD	856	878	543	543	543	543
	FROM 4.324 NOT DISAGGREGATED BELOW	781	803	468	468	468	468
4.3241	PULP BASED FOLDING BOXBOARD	35	35	35	35	35	35
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	10	10	10	10	10	10
4.32412	OTHER PULP BASED FOLDING BOXBOARD	25	25	25	25	25	25
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	40	40	40	40	40	40
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	507	517	439	444	444	444
	FROM 4.325 NOT DISAGGREGATED BELOW	310	325	315	315	315	315
4.3251	OTHER WRAPPING PAPER	114	109	64	69	69	69
4.3252	OTHER PACKAGING PAPERBOARD	83	83	60	60	60	60
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	360	360	310	310	310	310
	FROM 4.33 NOT DISAGGREGATED BELOW	275	275	275	275	275	275
4.331	OTHER PAPER N.E.S.	56	56	20	20	20	20
4.332	OTHER PAPERBOARD N.E.S.	29	29	15	15	15	15

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

OCEANIA		1984		1985		1986		1987		1988	1989
PROCESS		TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	WHICH	TOTAL CF	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	2630	976	2680	1023	2685	1022	2739	1043	2742	2798
1.1	MECHANICAL PULP	751	331	751	331	752	331	752	331	752	752
1.11	MECHANICAL NON-CONIFEROUS PULP	100	0	100	0	100	0	100	0	100	100
1.12	MECHANICAL CONIFEROUS PULP	651	331	651	331	652	331	652	331	652	652
1.2	THERMO-MECHANICAL PULP	325	74	372	121	372	121	372	121	372	372
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	325	74	372	121	372	121	372	121	372	372
1.3	SEMI-CHEMICAL PULP	411	100	412	100	413	99	415	99	416	417
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	285	94	286	94	287	94	289	94	290	291
1.32	SEMI-CHEMICAL CONIFEROUS PULP	126	6	126	6	126	5	126	5	126	126
1.4	CHEMICAL PULP TOTAL	1143	471	1145	471	1148	471	1200	492	1202	1257
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	655	310	655	310	655	310	680	335	680	732
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	5	0	5	0	5	0	5	0	5	5
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	650	310	650	310	650	310	675	335	675	727
1.44	BLEACHED SULPHATE+SCDA PULP	435	161	437	161	440	161	467	157	469	472
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SCDA PULP	146	29	147	29	149	29	151	0	152	154
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	289	132	290	132	291	132	316	157	317	318
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	10	0	10	0	10	0	11	0	11	11
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	10	0	10	0	10	0	11	0	11	11
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

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	2894	2906	2923	2965	3160	3177
4.1	NEWSPRINT	695	695	695	695	875	875
4.2	OTHER PRINTING AND WRITING PAPER	341	346	355	389	397	405
4.21	COATED PRINTING AND WRITING PAPER	39	40	41	42	43	44
4.211	COATED WOOD CONTAINING PRINT&WRITING PAPER	18	18	19	19	20	20
4.212	COATED WOODFREE PRINTING & WRITING PAPER	21	22	22	23	23	24
4.22	UNCOATED PRINTING AND WRITING PAPER	302	306	314	347	354	361
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	70	71	73	74	75	77
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	232	235	241	273	279	284
4.3	OTHER PAPER AND PAPERBOARD	1858	1865	1873	1881	1888	1897
4.31	HOUSEHOLD AND SANITARY PAPER	123	123	123	123	123	123
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	1644	1650	1658	1666	1672	1680
4.321	LINERBOARD	555	558	561	564	567	571
4.3211	KRAFT LINER	151	151	151	151	151	152
4.32111	UNBLEACHED KRAFT LINER	145	145	145	145	145	146
4.32112	BLEACHED KRAFT LINER	6	6	6	6	6	6
4.3212	OTHER LINERBOARD	404	407	410	413	416	419
4.322	FLUTING MEDIUM	147	148	150	154	155	157
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	144	145	147	151	152	154
4.3222	OTHER FLUTING MEDIUM	3	3	3	3	3	3
4.323	KRAFT WRAPPING AND PACKAGING	166	167	168	168	169	170
4.3231	SACK KRAFT	80	80	80	80	80	80
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	86	87	88	88	89	90
4.324	FOLDING BOXBOARD	284	285	287	288	289	290
4.3241	PULP BASED FOLDING BOXBOARD	161	161	162	162	162	162
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	136	136	136	136	136	136
4.32412	OTHER PULP BASED FOLDING BOXBOARD	25	25	26	26	26	26
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	123	124	125	126	127	128
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	492	492	492	492	492	492
4.3251	OTHER WRAPPING PAPER	492	492	492	492	492	492
4.3252	OTHER PACKAGING PAPERBOARD	0	0	0	0	0	0
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	91	92	92	92	93	94
4.331	OTHER PAPER N.E.S.	31	31	31	31	31	31
4.332	OTHER PAPERBOARD N.E.S.	60	61	61	61	62	63

ISRAEL		1984		1985		1986		1987		1988	1989
PROCESS		TOTAL	CF	TOTAL	CF	TOTAL	CF	TOTAL	CF	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

		1984	1985	1986	1987	1988	1989
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	161	161	161	161	161	161
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	88	88	88	88	88
4.31	HOUSEHOLD AND SANITARY PAPER	29	29	29	29	29	29
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

F&O PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

SOUTH AFRICA		1984		1985		1986		1987		1988		1989	
PROCESS		TOTAL CF		TOTAL CF		TOTAL CF		TOTAL CF		TOTAL CF		TOTAL CF	
		CITY	WHICH MARKET PULP	CITY	WHICH MARKET PULP	CITY	WHICH MARKET PULP	CITY	WHICH MARKET PULP	CITY	WHICH MARKET PULP	CITY	WHICH MARKET PULP
		1000 METRIC TONS (AIF DFY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	1023	70	1473	185	1545	185	1613	185	1613	1613	1613	1613
1.1	MECHANICAL PULP	225	0	225	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	0	0
1.12	MECHANICAL CONIFEROUS PULP	225	0	225	0	225	0	225	0	225	0	225	225
1.2	THERMO-MECHANICAL PULP	150	0	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	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	150	0	150	0	150	0	150	0	150	0	150	150
1.3	SEMI-CHEMICAL PULP	165	0	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	0	165	165
1.32	SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0	0	0
1.4	CHEMICAL PULP TOTAL	483	70	933	185	1005	185	1073	185	1073	1073	1073	1073
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	194	0	389	0	404	0	419	0	419	0	419	419
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	45	0	45	0	45	0	45	0	45	45
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	194	0	344	0	359	0	374	0	374	0	374	374
1.44	BLEACHED SULPHATE+SODA PULP	289	70	544	185	601	185	654	185	654	654	654	654
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	85	22	237	125	243	125	295	125	295	295	295	295
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	204	48	307	60	358	60	359	60	359	359	359	359
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	102	0	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	0	0
2.2	PULP OF BAGASSE	102	0	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	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 FIBRE MATERIALS	485	485	485	485	500	485	500	485	500	500	500	500
3.1	NON-CONIFEROUS DISSOLVING PULP	485	485	485	485	500	485	500	485	500	500	500	500
3.2	CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0	0	0

		1984	1985	1986	1987	1988	1989
		TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4	PAPER AND PAPERBOARD	1615	1952	2072	2113	2113	2113
4.1	NEWSPRINT	420	440	440	440	440	440
4.2	OTHER PRINTING AND WRITING PAPER	290	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	260	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	200	200	200	200	200	200
4.3	OTHER PAPER AND PAPERBOARD	905	1222	1342	1383	1383	1383
4.31	HOUSEHOLD AND SANITARY PAPER	86	90	92	92	92	92
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	802	1115	1233	1274	1274	1274
4.321	LINERBOARD	327	481	557	594	594	594
4.3211	KRAFT LINER	209	363	439	476	476	476
4.32111	UNBLEACHED KRAFT LINER	209	363	439	476	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	192	216	226	227	227	227
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	127	151	161	162	162	162
4.3222	OTHER FLUTING MEDIUM	65	65	65	65	65	65
4.323	KRAFT WRAPPING AND PACKAGING	115	248	280	283	283	283
4.3231	SACK KRAFT	89	101	103	106	106	106
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	26	147	177	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	8	8	8	8	8
4.3251	OTHER WRAPPING PAPER	6	8	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

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPACITY	CF WHICH MARKET POLP	TOTAL CAPACITY	CF WHICH MARKET POLP	TOTAL CAPACITY	CF WHICH MARKET POLP	TOTAL CAPACITY	CF WHICH MARKET POLP	TOTAL CAPACITY	TOTAL CAPACITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	777	501	756	501	811	501	818	501	818	818
1.1 MECHANICAL PULP	37	0	42	0	47	0	48	0	48	48
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	37	0	42	0	47	0	48	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	41	1	41	1	41	1	41	1	41	41
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	39	1	39	1	39	1	39	1	39	39
1.32 SEMI-CHEMICAL CONIFEROUS PULP	2	0	2	0	2	0	2	0	2	2
1.4 CHEMICAL PULP TOTAL	659	500	713	500	723	500	729	500	729	729
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	261	178	268	178	273	178	276	178	276	276
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	47	0	47	0	47	0	47	0	47	47
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	214	178	221	178	226	178	229	178	229	229
1.44 BLEACHED SULPHATE+SODA PULP	438	322	445	322	450	322	453	322	453	453
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	402	322	402	322	402	322	402	322	402	402
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	36	0	43	0	48	0	51	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

	1984	1985	1986	1987	1988	1989
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	1020	1083	1106	1115	1145	1145
4.1 NEWSPRINT	19	20	25	28	28	28
4.2 OTHER PRINTING AND WRITING PAPER	254	298	302	303	333	333
4.21 COATED PRINTING AND WRITING PAPER	11	16	19	19	19	19
FROM 4.21 NOT DISAGGREGATED BELOW	3	6	9	9	9	9
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	8	10	10	10	10	10
4.22 UNCOATED PRINTING AND WRITING PAPER	243	282	283	284	314	314
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	210	249	250	251	281	281
4.3 OTHER PAPER AND PAPERBOARD	747	765	779	784	784	784
4.31 HOUSEHOLD AND SANITARY PAPER	25	26	26	26	26	26
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	686	703	716	721	721	721
4.321 LINEBOARD	157	162	162	162	162	162
4.3211 KRAFT LINER	101	104	104	104	104	104
FROM 4.3211 NOT DISAGGREGATED BELOW	0	2	2	2	2	2
4.32111 UNBLEACHED KRAFT LINER	101	102	102	102	102	102
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINEBOARD	56	58	58	58	58	58
4.322 FLUTING MEDIUM	90	91	91	91	91	91
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	32	33	33	33	33	33
4.3222 OTHER FLUTING MEDIUM	58	58	58	58	58	58
4.323 KRAFT WRAPPING AND PACKAGING	156	166	177	182	182	182
4.3231 SACK KRAFT	85	88	91	94	94	94
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	71	78	86	88	88	88
4.324 FOLDING BOXBOARD	113	114	115	115	115	115
FROM 4.324 NOT DISAGGREGATED BELOW	24	24	24	24	24	24
4.3241 PULP BASED FOLDING BOXBOARD	28	29	30	30	30	30
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	5	5	5	5	5	5
4.32412 OTHER PULP BASED FOLDING BOXBOARD	23	24	25	25	25	25
4.3242 WASTE PAPER BASED FOLDING BOXBOARD	61	61	61	61	61	61
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	170	170	171	171	171	171
FROM 4.325 NOT DISAGGREGATED BELOW	67	67	67	67	67	67
4.3251 OTHER WRAPPING PAPER	74	74	74	74	74	74
4.3252 OTHER PACKAGING PAPERBOARD	29	29	30	30	30	30
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	36	36	37	37	37	37
FROM 4.33 NOT DISAGGREGATED BELOW	3	3	4	4	4	4
4.331 OTHER PAPER N.E.S.	0	0	0	0	0	0
4.332 OTHER PAPERBOARD N.E.S.	33	33	33	33	33	33

LATIN AMERICA		1984		1985		1986		1987		1988		1989	
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	WHICH MARKET PULP
1000 METRIC TONS (AIF DRY) PER YEAR													
1	WOOD PULP FOR PAPER AND PAPERBOARD	5962	2290	6163	2319	6523	2518	6885	2658	7274	2742	7342	2742
	FROM 1 NOT DISAGGREGATED BELOW	2	0	2	0	2	0	2	0	2	0	2	0
1.1	MECHANICAL PULP	701	70	769	74	809	74	813	74	813	74	813	74
	FROM 1.1 NOT DISAGGREGATED BELOW	115	0	150	0	180	0	180	0	180	0	180	0
1.11	MECHANICAL NON-CONIFEROUS PULP	125	5	125	5	125	5	125	5	125	5	125	5
1.12	MECHANICAL CONIFEROUS PULP	461	65	494	69	504	69	508	69	508	69	508	69
1.2	THERMO-MECHANICAL PULP	55	10	122	25	141	35	151	45	151	45	151	45
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	55	10	122	25	141	35	151	45	151	45	151	45
1.3	SEMI-CHEMICAL PULP	363	10	363	10	388	10	395	10	398	10	398	10
	FROM 1.3 NOT DISAGGREGATED BELOW	5	0	5	0	5	0	5	0	5	0	5	0
1.31	SEMI-CHEMICAL NON-CONIFEROUS PULP	327	10	327	10	327	10	327	10	327	10	327	10
1.32	SEMI-CHEMICAL CONIFEROUS PULP	31	0	31	0	56	0	63	0	66	0	66	0
1.4	CHEMICAL PULP TOTAL	4841	2200	4907	2210	5183	2399	5524	2529	5910	2598	5978	2598
1.41	UNBLEACHED SULPHITE PULP	56	12	56	12	32	12	32	12	32	12	32	12
	FROM 1.41 NOT DISAGGREGATED BELOW	20	0	20	0	20	0	20	0	20	0	20	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	36	12	36	12	12	12	12	12	12	12	12	12
1.42	BLEACHED SULPHITE PULP	62	22	62	22	62	22	62	22	62	22	62	22
1.421	BLEACHED NON-CONIFEROUS SULPHITE PULP	10	0	10	0	10	0	10	0	10	0	10	0
1.422	BLEACHED CONIFEROUS SULPHITE PULP	52	22	52	22	52	22	52	22	52	22	52	22
1.43	UNBLEACHED SULPHATE PULP	1520	315	1575	325	1678	345	1799	348	2074	348	2119	348
	FROM 1.43 NOT DISAGGREGATED BELOW	228	0	233	0	238	0	248	0	309	0	309	0
1.431	UNBLEACHED NON-CONIFEROUS SULPHATE PULP	192	34	167	34	167	34	167	34	167	34	167	34
1.432	UNBLEACHED CONIFEROUS SULPHATE PULP	1100	281	1175	291	1273	311	1384	314	1598	314	1643	314
1.44	BLEACHED SULPHATE+SODA PULP	3203	1851	3214	1851	3411	2020	3631	2147	3742	2147	3742	2147
1.441	BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2202	1340	2211	1340	2217	1345	2336	1400	2370	1400	2387	1400
1.442	BLEACHED CONIFEROUS SULPHATE+SODA PULP	1001	511	1003	511	1194	675	1295	747	1372	747	1378	747
2	PULP OF OTHER FIBRE FOR PAPER AND BOARD	1559	71	1665	71	1706	71	1726	71	1726	71	1726	71
2.1	PULP OF STRAW	7	0	7	0	7	0	7	0	7	0	7	0
2.2	PULP OF BAGASSE	1316	0	1402	0	1436	0	1454	0	1454	0	1454	0
2.3	PULP OF BAMBOO	74	0	89	0	93	0	95	0	95	0	95	0
2.4	PULP OF OTHER FIBRE	162	71	167	71	170	71	170	71	170	71	170	71
3	DISSOLVING PULP, WOOD* OTHER RAW MATERIALS	77	30	77	30	77	30	77	30	77	30	77	30
3.1	NON-CONIFEROUS DISSOLVING PULP	35	20	35	20	35	20	35	20	35	20	35	20
3.2	CONIFEROUS DISSOLVING PULP	42	10	42	10	42	10	42	10	42	10	42	10

		1984	1985	1986	1987	1988	1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR							
4	PAPER AND PAPERBOARD	11183	11878	12272	12602	12897	12991
4.1	NEWSPRINT	948	1135	1186	1205	1266	1282
4.2	OTHER PRINTING AND WRITING PAPER	2468	2707	2794	2848	2858	2866
	FROM 4.2 NOT DISAGGREGATED BELOW	677	686	708	732	739	747
4.21	COATED PRINTING AND WRITING PAPER	149	149	155	155	155	155
	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	110	110	116	116	116	116
4.22	UNCOATED PRINTING AND WRITING PAPER	1642	1872	1931	1961	1964	1964
	FROM 4.22 NOT DISAGGREGATED BELOW	100	100	100	100	100	100
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	42	62	62	62	62	62
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1500	1710	1769	1799	1802	1802
4.3	OTHER PAPER AND PAPERBOARD	7767	8036	8292	8549	8773	8843
4.31	HOUSEHOLD AND SANITARY PAPER	1176	1214	1243	1253	1254	1254
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	6089	6316	6538	6780	7002	7072
	FROM 4.32 NOT DISAGGREGATED BELOW	19	19	19	19	19	19
4.321	LINEBOARD	2336	2440	2540	2661	2755	2785
	FROM 4.321 NOT DISAGGREGATED BELOW	1218	1284	1349	1421	1442	1458
4.3211	KRAFT LINER	819	851	865	923	993	1005
	FROM 4.3211 NOT DISAGGREGATED BELOW	10	10	10	10	10	10
4.32111	UNBLEACHED KRAFT LINER	789	821	855	893	963	975
4.32112	BLEACHED KRAFT LINER	20	20	20	20	20	20
4.3212	OTHER LINEBOARD	299	305	306	317	320	322
4.322	FLUTING MEDIUM	919	930	958	969	973	975
	FROM 4.322 NOT DISAGGREGATED BELOW	87	87	87	87	87	87
4.3221	SEMI-CHEMICAL FLUTING MEDIUM	130	130	153	154	155	155
4.3222	OTHER FLUTING MEDIUM	702	713	718	728	731	733
4.323	KRAFT WRAPPING AND PACKAGING	1305	1357	1417	1516	1632	1662
	FROM 4.323 NOT DISAGGREGATED BELOW	554	564	563	605	634	641
4.3231	SACK KRAFT	447	484	495	535	610	629
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	304	309	339	376	388	392
4.324	FOLDING BOXBOARD	1058	1110	1142	1152	1160	1168
	FROM 4.324 NOT DISAGGREGATED BELOW	379	413	419	421	426	434
4.3241	PULP BASED FOLDING BOXBOARD	195	195	216	222	225	225
4.32411	BLEACHED CHEMICAL PULP FOLDING BOXBOARD	50	50	50	50	50	50
4.32412	OTHER PULP BASED FOLDING BOXBOARD	145	145	166	172	175	175
4.3242	WASTE PAPER BASED FOLDING BOXBOARD	484	502	507	509	509	509
4.325	OTHER WRAPPING AND PACKAGING N.E.S.	452	460	462	463	463	463
	FROM 4.325 NOT DISAGGREGATED BELOW	34	35	35	35	35	35
4.3251	OTHER WRAPPING PAPER	349	356	358	359	359	359
4.3252	OTHER PACKAGING PAPERBOARD	69	69	69	69	69	69
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	502	506	511	516	517	517
	FROM 4.33 NOT DISAGGREGATED BELOW	117	119	124	129	130	130
4.331	OTHER PAPER N.E.S.	232	234	234	234	234	234
4.332	OTHER PAPERBOARD N.E.S.	153	153	153	153	153	153

FAO PULP, PAPER AND PAPERBOARD CAPACITY SURVEY 1984-1989

CENTR. PLANNED ASIA

EXCESS		1984		1985		1986		1987		1988	1989
		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 (AIF DRY) PER YEAR											
1	WOOD PULP FOR PAPER AND PAPERBOARD	1202	0	1264	0	1269	0	1282	0	1282	1282
1.1	MECHANICAL PULP	328	0	350	0	350	0	350	0	350	350
	FROM 1.1 NOT DISAGGREGATED BELOW	18	0	18	0	18	0	18	0	18	18
1.11	MECHANICAL NON-CONIFEROUS PULP	57	0	57	0	57	0	57	0	57	57
1.12	MECHANICAL CONIFEROUS PULP	253	0	275	0	275	0	275	0	275	275
1.2	THERMO-MECHANICAL PULP	35	0	50	0	50	0	62	0	62	62
	FROM 1.2 NOT DISAGGREGATED BELOW	0	0	0	0	0	0	12	0	12	12
1.21	THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22	THERMO-MECHANICAL CONIFEROUS PULP	35	0	50	0	50	0	50	0	50	50
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	839	0	864	0	869	0	870	0	870	870
	FROM 1.4 NOT DISAGGREGATED BELOW	780	0	800	0	800	0	800	0	800	800
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
	FROM 1.43 NOT DISAGGREGATED BELOW	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	54	0	59	0	64	0	65	0	65	65
	FROM 1.44 NOT DISAGGREGATED BELOW	54	0	59	0	64	0	65	0	65	65
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	3385	0	3563	0	3568	0	3569	0	3569	3569
	FROM 2 NOT DISAGGREGATED BELOW	2	0	2	0	2	0	2	0	2	2
2.1	PULP OF STRAW	2010	0	2110	0	2110	0	2110	0	2110	2110
2.2	PULP OF BAGASSE	210	0	225	0	225	0	225	0	225	225
2.3	PULP OF BAMBAC	133	0	148	0	153	0	154	0	154	154
2.4	PULP OF OTHER FIBRE	1030	0	1078	0	1078	0	1078	0	1078	1078
3	DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	30	0	30	0	30	0	30	0	30	30
	FROM 3 NOT DISAGGREGATED BELOW	30	0	30	0	30	0	30	0	30	30
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

1984 1985 1986 1987 1988 1989

TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4	PAPER AND PAPERBOARD	6040	6250	6260	6284	6284	6284
	FROM 4 NOT DISAGGREGATED BELOW	2	2	2	2	2	2
4.1	NEWSPRINT	430	470	470	491	491	491
4.2	OTHER PRINTING AND WRITING PAPER	1940	1990	1999	2002	2002	2002
	FROM 4.2 NOT DISAGGREGATED BELOW	30	30	30	30	30	30
4.21	COATED PRINTING AND WRITING PAPER	65	100	100	100	100	100
	FROM 4.21 NOT DISAGGREGATED BELOW	65	100	100	100	100	100
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	1845	1860	1869	1872	1872	1872
	FROM 4.22 NOT DISAGGREGATED BELOW	57	67	76	79	79	79
4.221	UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	75	90	90	90	90	90
4.222	UNCOATED WOODFREE PRINTING & WRIT PAPER	1713	1703	1703	1703	1703	1703
4.3	OTHER PAPER AND PAPERBOARD	3668	3788	3789	3789	3789	3789
	FROM 4.3 NOT DISAGGREGATED BELOW	110	110	110	110	110	110
4.31	HOUSEHOLD AND SANITARY PAPER	280	300	300	300	300	300
4.32	WRAPPING AND PACKAGING PAPER AND BOARD	2678	2768	2769	2769	2769	2769
4.321	LINERBOARD	260	300	300	300	300	300
4.3211	KRAFT LINE	80	100	100	100	100	100
4.32111	UNBLEACHED KRAFT LINE	68	85	85	85	85	85
4.32112	BLEACHED KRAFT LINE	12	15	15	15	15	15
4.3212	OTHER LINERBOARD	180	200	200	200	200	200
4.322	FLUTING MEDIUM	580	600	600	600	600	600
	FROM 4.322 NOT DISAGGREGATED BELOW	580	600	600	600	600	600
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	490	500	500	500	500	500
4.3231	SACK KRAFT	320	320	320	320	320	320
4.3232	OTHER KRAFT WRAPPING AND PACKAGING	170	180	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
	FROM 4.3241 NOT DISAGGREGATED BELOW	500	500	500	500	500	500
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.	848	868	869	869	869	869
4.3251	OTHER WRAPPING PAPER	488	508	509	509	509	509
4.3252	OTHER PACKAGING PAPERBOARD	360	360	360	360	360	360
4.33	OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	600	610	610	610	610	610
4.331	OTHER PAPER N.E.S.	580	590	590	590	590	590
4.332	OTHER PAPERBOARD N.E.S.	20	20	20	20	20	20

EASTERN EUROPE

PROCESS	1984		1985		1986		1987		1988	1989
	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	CF WHICH MARKET PULP	TOTAL CAPA- CITY	TOTAL CAPA- CITY
	1000 METRIC TONS (AIR DRY) PER YEAR									
1 WOOD PULP FOR PAPER AND PAPERBOARD	4352	657	4378	697	4428	692	4467	680	4467	4467
1.1 MECHANICAL PULP	947	9	963	9	972	9	972	9	972	972
FROM 1.1 NOT DISAGGREGATED BELOW	483	7	488	7	497	7	497	7	497	497
1.11 MECHANICAL NON-CONIFEROUS PULP	16	0	16	0	16	0	16	0	16	16
1.12 MECHANICAL CONIFEROUS PULP	448	2	459	2	459	2	459	2	459	459
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	417	50	417	50	441	50	475	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	412	50	412	50	436	50	470	50	470	470
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	3028	638	2998	638	3015	633	3020	621	3020	3020
FROM 1.4 NOT DISAGGREGATED BELOW	580	37	580	37	580	37	580	37	580	580
1.41 UNBLEACHED SULPHITE PULP	236	50	237	50	237	50	237	50	237	237
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	7	0	7	0	7	0	7	0	7	7
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	229	50	230	50	230	50	230	50	230	230
1.42 BLEACHED SULPHITE PULP	430	267	430	267	431	262	431	250	431	431
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	56	52	56	52	56	52	56	40	56	56
1.422 BLEACHED CONIFEROUS SULPHITE PULP	374	215	374	215	375	210	375	210	375	375
1.43 UNBLEACHED SULPHATE PULP	1033	50	1002	50	1018	50	1023	50	1023	1023
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	749	0	765	0	770	0	770	770
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	261	17	260	17	265	17	270	17	270	270
2.1 PULP OF STRAW	113	16	112	16	117	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	148	1	148	1	148	1	148	1	148	148
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	519	190	519	190	519	190	519	190	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	6	0	6	0	6	0	6	0	6	6

1984 1985 1986 1987 1988 1989
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR

4 PAPER AND PAPERBOARD	6547	6636	6706	6774	6887	6940
4.1 NEWSPRINT	468	468	468	475	475	500
4.2 OTHER PRINTING AND WRITING PAPER	1273	1361	1435	1452	1455	1457
FROM 4.2 NOT DISAGGREGATED BELOW	568	644	710	720	720	720
4.21 COATED PRINTING AND WRITING PAPER	75	85	87	87	87	87
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	46	46	46	46	46	46
4.212 COATED WOODFREE PRINTING & WRITING PAPER	29	39	41	41	41	41
4.22 UNCOATED PRINTING AND WRITING PAPER	630	632	638	645	648	650
4.221 UNCOATED WOOD CONTAINING PRINT&WRIT PAPER	212	212	214	214	214	214
4.222 UNCOATED WOODFREE PRINTING & WRIT PAPER	418	420	424	431	434	436
4.3 OTHER PAPER AND PAPERBOARD	4806	4807	4803	4847	4957	4983
FROM 4.3 NOT DISAGGREGATED BELOW	1057	1055	1050	1085	1171	1171
4.31 HOUSEHOLD AND SANITARY PAPER	141	142	142	142	142	142
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	3304	3306	3306	3315	3335	3358
FROM 4.32 NOT DISAGGREGATED BELOW	1130	1130	1130	1130	1130	1130
4.321 LINERBOARD	288	288	288	288	289	327
4.3211 KRAFT LINEAR	100	100	100	100	100	100
4.32111 UNBLEACHED KRAFT LINEAR	100	100	100	100	100	100
4.32112 BLEACHED KRAFT LINEAR	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	188	188	188	188	189	227
4.322 FLOATING MEDIUM	625	626	626	630	639	644
4.3221 SEMI-CHEMICAL FLOATING MEDIUM	327	328	328	330	334	336
4.3222 OTHER FLOATING MEDIUM	298	298	298	300	305	308
4.323 KRAFT WRAPPING AND PACKAGING	406	406	406	408	411	388
4.3231 SACK KRAFT	307	307	307	309	312	289
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	99	99	99	99	99	99
4.324 FOLDING BOARD	257	257	257	258	259	260
4.3241 PULP BASED FOLDING BOARD	152	152	152	152	152	152
4.32411 BLEACHED CHEMICAL PULP FOLDING BOARD	47	47	47	47	47	47
4.32412 OTHER PULP BASED FOLDING BOARD	105	105	105	105	105	105
4.3242 WASTE PAPER BASED FOLDING BOARD	105	105	105	106	107	108
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	598	599	599	601	607	609
4.3251 OTHER WRAPPING PAPER	258	259	259	259	259	259
4.3252 OTHER PACKAGING PAPERBOARD	340	340	340	342	348	350
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	304	304	305	305	309	312
4.331 OTHER PAPER N.E.S.	131	131	132	132	136	139
4.332 OTHER PAPERBOARD N.E.S.	173	173	173	173	173	173

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 bleached.	Unbleached sulphate and soda	Sulphate and soda pulp which has not been
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 préchauffage 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	Pâtes au bisulfite blanchies ou mi-blanchies obtenues de bois de non-conifères.
	au Sulfate et à la soude	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.
2.	<u>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.
3.	<u>Pâtes à dissoudre (de bois et d'autres 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> <p>papier pour billets de banque papier bible véritable ou imitation papier pour livres et revues papier pour garnissage et habillage de boîtes bristol papier pour machines à additionner papier pour ordinateurs papier pour reproduction au duplicateur papier pour chemises papier pour enveloppes papier pour étiquettes papier pour lithographie papier pour manifsolds papier pour offset papier pelure surglacé papier pour photographie papier pour affiches papier à lettre papier pour bloc-notes papier pour cartes mécanographiques papier machine</p>
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 écrues, 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 démaquiller 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 écrue.
4.32.11.1	Ecrue	Couverture kraft pour carton ondulé faite uniquement ou principalement de pâte au sulfate écrue.

Cette rubrique comprend

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 thermomécanique.
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 4.3212 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 écruës, 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 Al sulfato y a sosa	Pasta al sulfito blanqueada o semiblanqueada hecha de madera de especies no coníferas. 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; inclúyase los 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>Inclúyase:</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>Inclúyase:</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>Pápeles 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 manteca, la margarina, la carne y el pescado, como forros para cazuelas, papel anti-adhesivo, 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.

