

A SUMMARY OF THE WORLD APPAREL FIBER CONSUMPTION

2005-2008

SURVEY

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS AND

INTERNATIONAL COTTON ADVISORY COMMITTEE

FOREWORD

The 2011 FAO/ICAC survey, prepared jointly by the Trade and Markets Division of the Economic and Social Department of the Food and Agriculture Organization of the United Nations (FAO) and the International Cotton Advisory Committee (ICAC), is the third joint edition since the annual survey done by FAO alone was discontinued in 1995. The second joint edition covered the years 1992, 1996, and 2000 through 2004. The present FAO/ICAC survey covers the years 1992, 1996 and 2000 through 2008 for both developing and developed countries.

The data for the 112 countries and 14 regions and sub-regions covered indicate the quantity of cotton, wool, flax, cellulosic, and synthetic fibers available for consumption within each country. In order to provide a basis for comparison between countries and regions, the total availability for each fiber has been divided by mid-year population providing the approximate level of per capita consumption. The French and Spanish translations of the country tables are presented in Appendix A.

Appendix B contains the methodology used in processing the data, along with definitions of the major items taken into account and explanatory notes. As noted in the FAO survey of 1995, an increasing number of countries now use the Harmonized Commodities and Coding System, which allows more disaggregated statistics and increased accuracy. Nonetheless, a far greater data set has to be manipulated, resulting in greater cost of producing the survey. The current FAO/ICAC survey maintains the methodology used by FAO surveys up to 1995. For budgetary reasons, only a few conversion factors have been updated since the last edition of the FAO/ICAC survey.

The current FAO/ICAC survey covers 96% of world end-use consumption of textile fibers and 98% of world mill consumption of textile fibers, based on estimates by the ICAC in *World Textile Demand*. Due to difficulties in obtaining national trade statistics, Africa and the region of the Former USSR are only partially covered by this survey.

This edition of the FAO/ICAC Survey was prepared by Shangnan Shui, FAO, and Alejandro S. Plastina, ICAC.

WORLD FIBRE CONSUMPTION 2004 - 2008

World fibre consumption has been steadily trending up over several decades. Per capita consumption was about 3.7 kilogram in 1950 and climbed to 10.4 kilogram in 2008. Given the nature of the final products of fibres, clothing and textiles, fibre consumption is sensitive to the global economic situation. The World Apparel Fibre Consumption Survey during 2004 - 2008 recently completed by the Economic and Social Development Department of the Food and Agriculture Organization of the United Nations (EST/FAO) and the International Cotton Advisory Committee (ICAC) revealed the latest developments in world fibre consumption.

Global Economic Trends Affected Fibre Consumption

Final products of fibres can be grouped into three major categories: clothing, textiles for home and for industrial uses. These final products respond differently to changes in income and prices, depending on whether they are consumed as necessary goods, luxury goods, or durable goods. Therefore, world total fibre consumption is exposed to the influence of global economic developments. Encompassing an annual average growth of the world gross domestic product (GDP) of 4.2% during 2000 - 2007, per capita world fibre consumption increased by nearly 35%, from 8.3 kilograms in 2000 to 11.1 kilograms in 2007. However, the economic stagnation in developed countries in 2008 resulted in a reduced rate of GDP growth for the world (3%), and a 6.4% contraction in per capita world fibre consumption, to 10.4 kilograms.

Furthermore, two important developments came about in 2008. First, per capita fibre consumption in developed countries experienced a fall in excess of 8% but developing countries witnessed a less than 5% decline. Some developing countries such as Ecuador, Indonesia, Paraguay, Pakistan, and Vietnam even saw their per capita consumption increase slightly in 2008. Second, world cotton consumption dropped sharply, over 7%, but man-made fibres production declined by less than 5%.

Preliminary analysis suggests that world fibre consumption experienced a significant rebound from its 2008 decline. In 2009, man-made fibre production increased by 3.6%, reversing the loss of 2008, while natural fibre production continued to decline, although at a slower pace. As a result, world fibre consumption may have gone up slightly in 2009 compared with the previous year.

Developing Countries Led Growth in Consumption

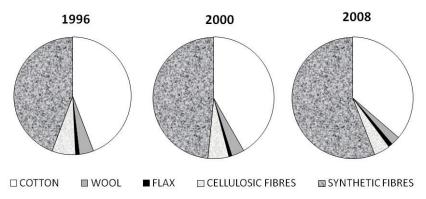
Developed countries had been the major driver of growth in world fibre consumption over the past few decades. Over the most recent decade, however, per capita consumption of fibres in developing countries increased at a much more rapid pace. Compared with 2004, per capita consumption of fibres in developing countries in 2007 increased by about 20%, but only by 8% in developed countries. By regions, far Eastern countries registered the highest growth, about 27%, largely due to China (Mainland), where per capita consumption of fibres increased by 50% between 2004 and 2007.

The increase in fibre consumption in developing countries has been largely met by man-made fibres. While total per capita fibre consumption increased by 20%, consumption of man-made fibres went up by 28% during 2004 – 2007. As a result, the share of man-made fibres in total fibre consumption in developing countries climbed from 56% in 2000 to 65% in 2008. The per capita consumption of man-made fibres in developing countries increased from 2.8 kilograms in 2000 to 4.9 kilograms in 2008. In 2008, total cotton consumption in developed countries accounted for about 50% of world consumption with a per capita consumption of 9.5 kilograms, which was nearly 4 times the 2.4 kilograms consumed in developing countries.

Cotton Continues to Lose Market Share

While cotton and man-made fibres continued to dominate world fibre markets, cotton has been rapidly losing its market share. In 1990, natural fibres accounted for over 60% of global fibre consumption, while in 2000 that share declined to 45%, and fell further to 40% in 2008 (figure 1).

Figure 1. Share of Cotton in World Apparel Fibre Consumption



It has been hypothesized that natural fibres, in particular cotton, would regain their market shares after the rapid and sustained economic growth observed in the most populous developing countries, such as China (Mainland) and India, over the last decade. However, while the total quantity of natural fibre consumption has trended upward in these countries, per capita consumption of cotton has experienced little increase. For instance, per capita consumption of natural fibres in China (Mainland) in 1996 amounted to 2.8 kilograms, and it remained essentially unchanged after 12 years of accelerated economic growth (9.5% annual GDP growth), at 3 kilograms. In 2008, the per capita consumption of cotton in China (Mainland) amounted to 2.5 kilograms, only 0.2 kilograms higher than in 1996. Our preliminary analyses suggest that limited land resources and competition with food crops put upward pressure on natural fibre prices and this induces substitution in the textile industry towards relatively cheaper man-made fibres. The rapid technological advances in the man-made fibre industry, in particular the cotton-like fibres, drove away demand for natural fibres. In fact, per capita consumption of cotton in developing countries only increased from 2.2 kilograms in 1996 to 2.4 kilograms in 2008, while per capita consumption of man-made fibres in developing countries increased from 2.3 kilograms to 4.9 kilograms over the same period.

Developed countries continued to be the major consumers of cotton with per capita consumption at 9.5 kilograms in 2008, just slightly higher than the 9.2 kilograms registered in 2004. Such a small growth was considerably below the annual growth of 2% observed during 1996 - 2004. Per capita consumption of man-made fibres in developed countries, on the contrary, experienced a slight decline between 2004 and 2008, from 12 kilograms to 11.8 kilograms.

At the world level, synthetic fibres consumption in 2009 amounted to 35.8 million tons, substantially exceeding the 23.3 million tons of cotton consumed in that year. Per capita consumption of synthetic fibres increased by 21% between 2004 and 2009, while per capita consumption of cotton grew by 11% over the same period.

Table 1a - 2005 APPAREL FIBRES: TOTAL AND PER CAPUT AVAILABILITY BY REGION

	1										
WOED AC	Total World	Total	North	E	Former USSR	Others*	Total	Africa	Latin America	Near East	Far East
ITEMS		Developed	America	Europe	USSK	Others*	Developing				rar East
	thousand tonnes		th	ousand tonnes				th	nousand tonne	es s	
COTTON											
Mill consumption	24,386.8	2,618.6	1,401.3	695.5	303.0	218.8	21,768.2	245.0	1,861.9	2,012.6	17,648.7
Trade Balance	-1,352.0	8,930.1	4,084.2	3,057.4	184.1	1,604.4	-10,282.0	112.6	-32.3	-815.8	-9,546.6
Total availability	23,034.8	11,548.6	5,485.5	3,752.9	487.1	1,823.1	11,486.2	357.6	1,829.7	1,196.8	8,102.1
Per Caput Availability (Kgs.)	3.9	9.5	16.4	7.3	3.0	20.0	2.4	0.7	3.4	3.8	2.4
WOOL											
Mill consumption	1,565.1	466.8	18.8	295.7	48.7	103.6	1,098.3	61.3	102.8	135.5	798.7
Trade Balance	66.2	428.5	179.0	124.8	19.1	105.6	-362.3	2.6	-42.5	-12.7	-309.7
Total availability	1,631.3	895.3	197.8	420.5	67.8	209.2	736.0	63.9	60.3	122.7	489.0
Per Caput Availability (Kgs.)	0.3	0.7	0.6	0.8	0.4	3.0	0.2	0.1	0.1	0.4	0.1
FLAX	- 00.4										
Mill consumption	788.1	140.3	0.0	70.0	67.1	3.2	647.8	0.0	7.8		631.1
Trade Balance	-79.0	92.6	41.6	57.6	-18.5	11.8	-171.5	4.6	7.5	12.9	-196.5
Total availability	709.2	232.9	41.6	127.6	48.6	15.0	476.3	4.6	15.3	21.9	434.6
Per Caput Availability (Kgs.)	0.1	0.2	0.1	0.2	0.3	0.2	0.1	0.0	0.0	0.1	0.1
CELLULOSIC											
Mill consumption	2,928.8	790.2	92.6	549.3	93.0	55.2	2,138.6	25.4	62.0	174.2	1,876.9
Trade Balance	-270.8	706.8	282.7	285.0	36.3	102.7	-977.6	29.0	100.2	62.3	-1,169.1
Total availability	2,658.0	1,497.0	375.4	834.3	129.4	158.0	1,161.0	54.4	162.2	236.5	707.9
Per Caput Availability (Kgs.)	0.4	1.2	1.1	1.6	0.8	2.0	0.2	0.1	0.3	0.8	0.2
SYNTHETICS											
Mill consumption	31,254.9	7,283.4	3,239.8	2,699.8	405.2	938.6	23,971.5	165.9	1,192.0	1,364.4	21,249.1
Trade Balance	-893.9	5,779.5	2,610.3	1,800.6	379.5	989.1	-6,673.4	200.5	335.8	117.7	-7,327.5
Total availability	30,360.9	13,062.9	5,850.2	1,800.6	784.7	1,927.6	17,298.0	366.5	1,527.8	1,482.1	13,921.7
Per Caput Availability (Kgs.)	5.1	10.8	17.5	8.8	4.9	20.3	3.6	0.7	2.8	4.7	4.1
TOTAL FIBRES											
Mill consumption	60,923.6	11,299.3	4,752.6	4,310.2	917.1	1,319.4	49,624.4	497.7	3,226.5	3,695.6	42,204.5
Trade Balance	-2,529.5	15,937.4	7,197.9	5,325.4	600.5	2,813.5	-18,466.9	349.3	368.7	-635.6	-18,549.3
Total availability	58,394.1	27,236.7	11,950.6	6,935.8	1,517.6	4,132.9	31,157.5	847.0	3,595.2	3,060.1	23,655.2
Per Caput Availability (Kgs.)	9.8	22.5	35.7	18.8	9.5	45.4	6.6	1.6	6.7	9.8	7.0

Table 1b - 2006 APPAREL FIBRES: TOTAL AND PER CAPUT AVAILABILITY BY REGION

	1						LITT DI KE				
TOTAL C	T-4-1 XV13	Total	North	E	Former	O41*	Total	A C	Latin	N E4	E E4
ITEMS	Total World	Developed	America	Europe	USSR	Others*	Developing	Africa	America	Near East	Far East
	thousand tonnes		th	ousand tonnes				tł	nousand tonne	s	
COTTON											
Mill consumption	25,293.2	2,274.6	1,191.8	583.7	305.5	193.7	23,018.6	238.6	1,945.9	2,057.4	18,776.6
Trade Balance	-1,308.9	9,887.8	4,783.3	3,240.2	216.4	1,647.9	-11,196.7	137.4	-53.6	-852.0	-10,428.5
Total availability	23,984.3	12,162.4	5,975.1	3,823.9	521.9	1,841.6	11,821.9	376.1	1,892.3	1,205.4	8,348.1
Per Caput Availability (Kgs.)	4.0	10.0	17.7	7.4	3.3	19.8	2.5	0.7	3.5	3.8	2.5
WOOL											
Mill consumption	1,598.6	458.6	17.2	288.7	52.1	100.6	1,140.0	60.3	103.2	136.4	840.2
Trade Balance	45.2	458.9	178.9	150.6	19.9	109.4	-413.7	7.6	-43.1	-6.7	-371.5
Total availability	1,643.8	917.5	196.1	439.4	72.0	210.0	726.3	67.8	60.1	129.7	468.7
Per Caput Availability (Kgs.)	0.3	0.8	0.6	0.9	0.5	2.6	0.2	0.1	0.1	0.4	0.1
FLAX											
Mill consumption	692.8	127.1	0.0	65.5	58.5	3.1	565.8	0.0	6.8		548.2
Trade Balance	-107.9	102.7	41.7	63.7	-16.6	13.9	-210.5	5.2	6.7	10.1	-232.6
Total availability	585.0	229.7	41.7	129.2	41.9	17.0	355.2	5.2	13.5	20.9	315.6
Per Caput Availability (Kgs.)	0.1	0.2	0.1	0.3	0.3	0.2	0.1	0.0	0.0	0.1	0.1
CELLULOSIC											
Mill consumption	3,191.8	810.5	93.5	554.2	108.1	54.6	2,381.3	27.6	73.7	208.3	2,071.6
Trade Balance	-403.2	756.2	316.7	275.5	55.7	108.2	-1,159.4	34.8	107.3	69.3	-1,370.7
Total availability	2,788.6	1,566.6	410.3	829.7	163.9	162.8	1,221.9	62.4	181.1	277.5	700.9
Per Caput Availability (Kgs.)	0.5	1.3	1.2	1.6	1.0	2.0	0.3	0.1	0.3	0.9	0.2
SYNTHETICS											
Mill consumption	35,238.9	7,267.6	3,116.1	2,805.2	405.5	940.8	27,971.3	163.3	1,129.2	1,275.1	25,403.6
Trade Balance	-1,016.4	6,186.9	2,855.2	1,792.7	472.2	1,066.8	-7,203.4	214.6	446.2	189.3	-8,053.5
Total availability	34,222.5	13,454.5	5,971.3	1,792.7	877.8	2,007.6	20,767.9	378.0	1,575.4	1,464.4	17,350.1
Per Caput Availability (Kgs.)	5.7	11.0	17.7	9.0	5.5	20.9	4.3	0.7	2.9	4.6	5.1
TOTAL FIBRES											
Mill consumption	66,015.3	10,938.4	4,418.6	4,297.2	929.7	1,292.8	55,076.9	489.9	3,258.8	3,688.0	47,640.2
Trade Balance	-2,791.2	17,392.5	8,175.9	5,522.7	747.6	2,946.2	-20,183.7	399.6	463.6		-20,456.8
Total availability	63,224.1	28,330.8	12,594.4	7,014.8	1,677.4	4,239.0	34,893.3	889.5	3,722.4	3,097.9	27,183.4
Per Caput Availability (Kgs.)	10.5	23.3	37.2	19.1	10.5	45.5	7.2	1.6	6.9	9.7	8.0

Table 1c - 2007 APPAREL FIBRES: TOTAL AND PER CAPUT AVAILABILITY BY REGION

	1	Total	North		Former		Total		Latin		
ITEMS	Total World	Developed	America	Europe	USSR	Others*	Developing	Africa	America	Near East	Far East
	thousand tonnes		th	ousand tonnes				th	ousand tonne	S	
COTTON											
Mill consumption	25,892.7	1,996.6	1,048.2	484.7	242.7	163.6	23,896.1	227.5	1,962.9	1,959.5	19,746.3
Trade Balance	-887.2	10,696.4	5,091.0	3,599.2	305.1	1,580.0	-11,583.6	159.2	-48.9	-735.8	-10,958.1
Total availability	25,005.5	12,693.0	6,139.2	4,083.9	547.8	1,743.6	12,312.5	386.7	1,914.0	1,223.7	8,788.2
Per Caput Availability (Kgs.)	4.1	10.4	18.0	7.9	3.4	18.4	2.5	0.7	3.5	3.8	2.6
WOOL											
Mill consumption	1,661.7	473.4	20.3	290.4	44.2	95.5	1,188.2	66.6	106.6	137.9	877.1
Trade Balance	82.2	508.3	178.0	187.7	21.3	101.4	-426.2	7.9	-36.8	-10.3	-387.0
Total availability	1,743.8	981.8	198.3	478.2	65.5	196.9	762.1	74.5	69.8	127.7	490.1
Per Caput Availability (Kgs.)	0.3	0.8	0.6	0.9	0.4	2.6	0.2	0.1	0.1	0.4	0.1
FLAX											
Mill consumption	760.2	127.2	0.0	66.7	61.2	3.0	633.0	0.0	7.5	10.0	615.5
Trade Balance	-88.7	110.9	43.9	62.9	-10.4	14.0	-199.6	7.4	8.4	13.6	-229.1
Total availability	671.5	238.1	43.9	129.7	50.8	17.0	433.4	7.4	15.9	23.6	386.4
Per Caput Availability (Kgs.)	0.1	0.2	0.1	0.3	0.3	0.2	0.1	0.0	0.0	0.1	0.1
CELLULOSIC											
Mill consumption	3,556.0	865.4	122.6	557.8	97.0	52.0	2,690.6	29.9	79.3	263.1	2,318.4
Trade Balance	-409.8	832.1	326.2	340.1	52.4	104.9	-1,241.9	36.5	121.8	51.9	-1,452.1
Total availability	3,146.2	1,697.5	448.8	897.9	149.4	156.9	1,448.7	66.4	201.1	315.0	866.3
Per Caput Availability (Kgs.)	0.5	1.4	1.3	1.7	0.9	1.8	0.3	0.1	0.4	1.0	0.3
SYNTHETICS											
Mill consumption	37,873.0	7,180.9	2,946.2	2,835.4	461.3	806.5	30,692.1	164.5	1,163.6	1,275.6	28,088.5
Trade Balance	-687.9	6,656.2	3,128.8	1,893.4	489.5	1,068.0	-7,344.1	218.9	557.4	256.9	-8,377.3
Total availability	37,185.1	13,837.0	6,075.0	1,893.4	950.8	1,874.5	23,348.1	383.3	1,721.1	1,532.5	19,711.2
Per Caput Availability (Kgs.)	6.1	11.3	17.8	9.2	6.0	19.9	4.8	0.7	3.1	4.7	5.7
TOTAL FIBRES											
Mill consumption	69,743.6	10,643.5	4,137.3	4,235.1	906.3	1,120.6	59,100.1	488.4	3,319.9	3,646.1	51,645.8
Trade Balance	-1,991.6	18,803.9	8,767.9	6,083.3	857.9	2,868.4	-20,795.4	430.0	602.0	-423.7	-21,403.7
Total availability	67,752.0	29,447.3	12,905.2	7,483.0	1,764.2	3,989.0	38,304.7	918.3	3,921.9	3,222.4	30,242.1
Per Caput Availability (Kgs.)	11.1	24.1	37.9	20.0	11.1	42.8	7.9	1.6	7.1	9.9	8.8

Table 1d - 2008 APPAREL FIBRES: TOTAL AND PER CAPUT AVAILABILITY BY REGION

		2000 ATTAK									
	70 (1337 11	Total	North		Former	041 *	Total		Latin	N F	D D 4
ITEMS	Total World	Developed	America	Europe	USSR	Others*	Developing	Africa	America	Near East	Far East
	thousand tonnes		th	ousand tonnes				th	nousand tonne	s	
COTTON											
Mill consumption	24,025.1	1,645.4	879.7	359.4	242.7	163.6	22,379.7	213.9	1,892.4	1,702.5	18,570.9
Trade Balance	-710.8	9,986.3	5,012.0	3,089.3	305.1	1,580.0	-10,697.1	123.9	-90.1	-544.8	-10,186.1
Total availability	23,314.3	11,631.7	5,891.6	3,448.7	547.8	1,743.6	11,682.6	337.8	1,802.3	1,157.7	8,384.8
Per Caput Availability (Kgs.)	3.8	9.5	17.1	6.7	3.4	18.4	2.4	0.6	3.2	3.5	2.4
WOOL											
Mill consumption	1,590.8	398.4	22.1	236.6	44.2	95.5	1,192.4	57.1	103.8	132.2	899.4
Trade Balance	-48.6	417.6	162.7	132.2	21.3	101.4	-466.2	9.1	-32.5	-8.5	-434.3
Total availability	1,542.2	816.0	184.8	368.9	65.5	196.9	726.2	66.1	71.3	123.7	465.1
Per Caput Availability (Kgs.)	0.2	0.7	0.5	0.7	0.4	2.6	0.1	0.1	0.1	0.4	0.1
FLAX											
Mill consumption	790.1	124.1	0.0	59.9	61.2	3.0	666.0	0.0	7.6		649.4
Trade Balance	-92.1	80.5	37.2	39.6	-10.4	14.0		5.9	10.1	12.2	-200.7
Total availability	698.2	204.6	37.2	99.5	50.8	17.0	493.6	5.9	17.9	21.2	448.6
Per Caput Availability (Kgs.)	0.1	0.2	0.1	0.2	0.3	0.2	0.1	0.0	0.0	0.1	0.1
CELLULOSIC											
Mill consumption	3,097.0	742.1	109.8	483.3	97.0	52.0	2,354.9	26.2	73.7	187.9	2,067.2
Trade Balance	-352.1	732.5	309.4	265.8	52.4	104.9	-1,084.6	31.9	107.7	63.3	-1,287.6
Total availability	2,744.9	1,474.6	419.2	749.1	149.4	156.9	1,270.3	58.1	181.4	251.2	779.6
Per Caput Availability (Kgs.)	0.4	1.2	1.2	1.4	0.9	1.8	0.3	0.1	0.3	0.8	0.2
SYNTHETICS											
Mill consumption	36,558.4	6,496.8	2,728.4	2,500.7	461.3	806.5	30,061.6	146.0	1,069.8	1,131.6	27,714.2
Trade Balance	-698.6	6,482.6	3,169.0	1,756.0	489.5	1,068.0	-7,181.1	203.3	572.0	203.4	-8,159.8
Total availability	35,859.9	12,979.4	5,897.4	1,756.0	950.8	1,874.5	22,880.5	349.3	1,641.8	1,335.0	19,554.4
Per Caput Availability (Kgs.)	5.8	10.6	17.1	8.2	6.0	19.9	4.6	0.6	3.0	4.0	5.6
TOTAL FIBRES											
Mill consumption	66,061.4	9,406.8	3,739.9	3,640.0	906.3	1,120.6	56,654.6	443.1	3,147.2	3,163.2	49,901.1
Trade Balance	-1,902.1	17,699.5	8,690.3	5,283.0	857.9	2,868.4	-19,601.6	374.1	567.2	-274.5	-20,268.5
Total availability	64,159.5	27,106.3	12,430.2	6,422.2	1,764.2	3,989.0	37,053.2	817.2	3,714.6	2,888.7	29,632.6
Per Caput Availability (Kgs.)	10.4	22.0	36.0	17.2	11.1	42.8	7.5	1.4	6.7	8.8	8.5

Table 2a - 2005 BALANCE OF TRADE OF MANUFACTURES BY REGION

		Total	North				Total				
ITEMS	Total World	Developed	America	Europe	Former USSR	Others*	Developing	Africa	Latin America	Near East	Far East
	thousand tonnes		ť	housand tonnes	.				thousand tonnes		
COTTON											ļ
Spun Yarn	-126.4	386.3	-12.3	254.6	31.1	112.9	-512.7	36.4	38.4	-20.0	-567.5
Fabrics	-1,270.8	-30.9	-287.2	131.9		147.4	-1,239.8	101.2		-60.8	-1,315.2
Clothing	117.5	5,668.2	2,911.2	1,905.9	76.5	774.6	-5,550.7	-50.6	5 -100.1	-482.0	-4,918.1
Other	40.2	1,773.4	1,080.3	320.4		305.1	-1,733.3	12.8		-100.9	-1,644.3
Total (actual weight)	-1,239.6	7,797.0	3,691.9	2,612.9	152.1	1,340.1	-9,036.6	99.8	-27.6	-663.7	-8,445.1
Total (raw fibre)	-1,352.0	8,930.1	4,084.2	3,057.4	184.1	1,604.4	-10,282.0	112.0	-32.3	-815.8	-9,546.6
WOOL											
Tops	-2.2	25.4	2.2	35.4		-13.9	-27.6	2.7		14.4	-2.7
Noils	3.0	7.1	0.2	7.0		-0.6	-4.0	0.1		0.1	-0.6
Yarn	7.1	23.7	6.5	2.5		13.5	-16.6	1.1		1.2	-18.0
Fabrics	9.8	-26.7	-1.8	-45.2		11.5	36.5	1.3		4.8	28.5
Clothing	-15.8	210.5	77.4	66.0	0.1	66.9	-226.4	-0.5		-3.6	-218.1
Other	51.6	133.6	67.9	48.8	4.4	12.4	-82.0	-2.8	3.2	-26.2	-56.3
Total (actual weight)	53.5	373.6	152.4	114.6	16.9	89.7	-320.1	1.9	-45.6	-9.2	-267.1
Total (raw fibre)	66.2	428.5	179.0	124.8	19.1	105.6	-362.3	2.0	-42.5	-12.7	-309.7
FLAX											
Yarn	10.6	12.2	0.1	13.2	-1.5	0.3	-1.6	0.4	1 0.1	1.2	-3.3
Fabrics	8.0	-2.8	6.2	0.1		0.6	10.8	1.0		1.6	6.0
Clothing	-33.3	49.9	23.2	20.9		5.0	-83.1	1.6		5.3	-92.3
Other	-20.8	8.1	2.6	5.3		0.8	-28.9	0.6		0.2	-30.8
Total (actual weight)	-35.5	67.3	32.1	39.5		6.7	-102.8	3.7		8.3	-120.4
Total (raw fibre)	-79.0	92.6	41.6	57.6	-18.5	11.8	-171.5	4.0	7.5	12.9	-196.5
CELLULOSIC											
Spun Yarn	-75.7	79.5	23.5	39.0	3.3	13.7	-155.2	7.9	36.6	63.3	-263.0
Fabrics	31.4	77.1	15.2	54.1	24.0	-16.2	-45.7	10.2	21.6	4.1	-81.7
Clothing	-100.5	388.0	164.0	142.9	2.6	78.4	-488.6	2.3	3 26.2	11.9	-529.0
Other	-106.8	92.0	48.3	26.0	5.1	12.6	-198.8	5.4	6.8	-19.8	-191.3
Total (actual weight)	-251.7	636.6	251.0	262.1	35.0	88.5	-888.2	25.9	91.3	59.6	-1,064.9
Total (raw fibre)	-270.8	706.8	282.7	285.0	36.3	102.7	-977.6	29.0	100.2	62.3	-1,169.1
SYNTHETICS											
Spun Yarn	-54.6	181.2	24.9	70.7	21.7	63.9	-235.8	43.1	83.2	53.9	-416.0
Fabrics	-517.9	869.3	269.3	316.6	167.6	115.8	-1,387.1	99.5	5 289.3	84.4	-1,860.3
Clothing	-475.0	3,174.1	1,584.8	926.1		557.1	-3,649.0	8.2		-46.5	-3,514.1
Other	-59.2	960.1	422.8	319.8		159.5	-1,019.3	27.4		8.4	-1,094.3
Total (actual weight)	-1,106.6	5,184.7	2,301.9	1,633.2		896.2	-6,291.3	178.3		100.3	-6,884.8
Total (raw fibre)	-893.9	5,779.5	2,610.3	1,800.6	379.5	989.1	-6,673.4	200.5	335.8	117.7	-7,327.5

Table 2b - 2006 BALANCE OF TRADE OF MANUFACTURES BY REGION

		Total	North				Total				
ITEMS	Total World	Developed	America	Europe	Former USSR	Others*	Developing	Africa	Latin America	Near East	Far East
	thousand tonnes	•	f	housand tonnes			•		thousand tonnes		
COTTON	lifousume tomics			iousuna tomio					inousuna tomics		
Spun Yarn	-109.8	478.0	26.7	323.6	41.9	85.8	-587.8	43.3	3 62.5	-53.4	-640.2
Fabrics	-1,216.3	128.6	-102.5	113.4		137.5	-1,344.9	104.5		-64.0	-1,435.2
Clothing	-433.7	5,758.4	2,810.4	2,016.8		852.1	-6,192.1	-43.0		-470.3	-5,551.1
Other	283.9	2,285.3	1,590.6	315.3		301.5	-2,001.3	16.2		-104.5	-1,881.6
Total (actual weight)	-1,475.8	8,650.3	4,325.2	2,769.1		1,376.8	-10,126.1	121.0		-692.2	-9,508.3
Total (raw fibre)	-1,308.9	9,887.8	4,783.3	3,240.2		1,647.9	-11,196.7	137.4		-852.0	-10,428.5
WOOL		-,	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,		_,	,				,
Tops	-12.7	19.9	2.3	32.4	1.7	-16.5	-32.6	2.9	-45.9	16.0	-5.7
Noils	3.0	7.7	0.6	7.2	0.5	-0.6	-4.7	0.0	-3.6	0.3	-1.4
Yarn	14.7	35.8	6.1	16.6	1.0	12.0	-21.0	1.5	5 -0.7	-0.2	-21.5
Fabrics	13.1	-24.0	-0.7	-44.0	6.9	13.8	37.1	1.6	5 3.3	3.9	28.3
Clothing	-51.5	215.0	78.9	61.1	2.6	72.4	-266.5	-1.2	2 0.4	-1.0	-264.7
Other	68.3	146.1	65.1	64.6	4.9	11.5	-77.8	1.2	2.1	-22.8	-58.2
Total (actual weight)	35.0	400.4	152.4	137.8	17.6	92.6	-365.4	6.0	-44.4	-3.8	-323.2
Total (raw fibre)	45.2	458.9	178.9	150.6	19.9	109.4	-413.7	7.0	-43.1	-6.7	-371.5
FLAX											
Yarn	-0.7	11.6	0.2	12.7	-1.4	0.1	-12.2	0.5	5 0.1	-0.2	-12.7
Fabrics	14.8	9.0	10.5	6.9	-9.1	0.7	5.8	1.1	1.9	1.2	1.6
Clothing	-36.0	47.5	19.0	21.0	0.7	6.8	-83.4	1.2	2 1.7	5.8	-92.1
Other	-30.0	7.8	2.3	5.2	-0.2	0.5	-37.8	1.0	0.7	0.1	-39.6
Total (actual weight)	-51.8	75.8	32.1	45.8	-10.1	8.1	-127.6	3.8		6.9	-142.7
Total (raw fibre)	-107.9	102.7	41.7	63.7	-16.6	13.9	-210.5	5.2	2 6.7	10.1	-232.6
CELLULOSIC											
Spun Yarn	-90.0	97.3	26.9	52.2	4.2	14.0	-187.3	7.4	43.5	69.0	-307.2
Fabrics	51.2	89.8	34.4	31.7	40.3	-16.6	-38.6	12.3	33.3	3.5	-87.8
Clothing	-126.7	393.0	163.6	144.7	1.8	82.9	-519.7	3.2	2 14.8	10.1	-547.8
Other	-205.7	102.3	56.6	24.9	7.8	12.9	-307.9	7.6	6.9	-16.9	-305.5
Total (actual weight)	-371.2	682.4	281.6	253.5	54.2	93.2	-1,053.6	30.5	98.5	65.7	-1,248.4
Total (raw fibre)	-403.2	756.2	316.7	275.5	55.7	108.2	-1,159.4	34.8	3 107.3	69.3	-1,370.7
SYNTHETICS											
Spun Yarn	-75.8	166.8	14.8	75.0	26.0	51.0	-242.6	36.2	2 116.9	60.2	-455.8
Fabrics	-745.3	867.6	107.9	422.7	202.3	134.7	-1,612.9	109.7	7 294.0	95.0	-2,111.6
Clothing	-763.5	3,211.4	1,628.9	841.2		606.6	-3,974.9	14.3		-22.3	-3,909.8
Other	315.1	1,297.2	758.5	287.4		174.2	-982.1	31.7		32.6	-1,110.6
Total (actual weight)	-1,269.5	5,543.0	2,510.1	1,626.4		966.6	-6,812.5	191.8		165.5	-7,587.7
*Others Ossenia and Other De	-1,016.4	6,186.9	2,855.2	1,792.7	472.2	1,066.8	-7,203.4	214.0	6 446.2	189.3	-8,053.5

Table 2c - 2007 BALANCE OF TRADE OF MANUFACTURES BY REGION

		Total	North				Total				
ITEMS	Total World	Developed	America	Europe	Former USSR	Others*	Developing	Africa	Latin America	Near East	Far East
	thousand tonnes		ti	housand tonnes	S				thousand tonnes		
COTTON											
Spun Yarn	-91.1	440.0	-25.5	328.6	50.6	86.3	-531.1	52.2	2 68.6	46.7	-698.6
Fabrics	-971.2	272.4	-118.6	228.4		154.2	-1,243.5	116.1		-57.1	-1,340.7
Clothing	-362.9	6,201.4	3,058.6	2,187.1		869.3	-6,564.3	-46.8	3 -140.6	-471.7	-5,905.3
Other	132.3	2,437.5	1,689.2	327.9		336.9	-2.305.2	18.2		-107.7	-2,206.6
Total (actual weight)	-1,292.8	9,351.3	4,603.6	3,071.9		1,446.6	-10,644.1	139.7		-589.8	-10,151.1
Total (raw fibre)	-887.2	10,696.4	5,091.0	3,599.2		1,731.3	-11,583.6	159.2		-735.8	-10,958.1
WOOL		,	,	,		,	,				,
Tops	-3.4	24.8	2.6	34.0	1.5	-13.3	-28.2	2.6		16.6	-5.2
Noils	-2.7	5.4	0.8	8.0	-0.2	-3.1	-8.1	0.0	-3.8	0.1	-4.4
Yarn	20.1	44.2	6.6	24.1	1.0	12.5	-24.1	1.5	-0.9	-1.5	-23.1
Fabrics	16.3	-13.2	-1.3	-33.6	5.7	16.0	29.5	2.0	3.6	3.9	20.0
Clothing	-31.3	244.6	87.4	73.6	3.5	80.2	-275.9	-1.8	3 1.4	-4.6	-270.9
Other	67.0	137.5	55.6	63.5	4.8	13.6	-70.5	2.5	5 2.1	-21.4	-53.7
Total (actual weight)	65.9	443.3	151.7	169.6	16.3	105.8	-377.4	6.7	7 -39.9	-6.9	-337.3
Total (raw fibre)	82.2	508.3	178.0	187.7	18.4	124.2	-426.2	7.9	-36.8	-10.3	-387.0
FLAX											
Yarn	1.3	11.7	0.2	12.3	-1.9	1.0	-10.3	0.1	0.3	1.7	-12.4
Fabrics	14.2	9.1	11.1	3.1	-5.6	0.6	5.1	1.3	3 2.6	1.0	0.2
Clothing	-32.8	49.1	20.0	22.4	0.8	5.9	-81.8	3.8	3 2.0	6.0	-93.6
Other	-24.7	8.7	2.6	5.5		0.0	-33.4	1.0		0.0	-35.3
Total (actual weight)	-41.9	78.6	33.9	43.3		7.5	-120.5	6.2		8.6	-141.1
Total (raw fibre)	-88.7	110.9	43.9	62.9	-9.5	13.5	-199.6	7.4	8.4	13.6	-229.1
CELLULOSIC											
Spun Yarn	-159.8	97.5	23.6	54.0	5.8	14.1	-257.2	8.1	47.8	48.6	-361.7
Fabrics	115.9	121.8	48.7	44.3	45.4	-16.7	-5.9	14.0	33.4	8.4	-61.6
Clothing	-127.6	415.0	162.0	170.2	1.6	81.1	-542.6	2.8	3 26.1	7.4	-578.9
Other	-206.1	118.6	56.1	44.1	7.4	11.0	-324.7	6.8	3.7	-14.8	-320.4
Total (actual weight)	-377.6	752.9	290.4	312.6	60.2	89.6	-1,130.4	31.6	5 110.9	49.6	-1,322.6
Total (raw fibre)	-409.8	832.1	326.2	340.1	61.4	104.4	-1,241.9	36.5	5 121.8	51.9	-1,452.1
SYNTHETICS											
Spun Yarn	-69.1	141.1	-1.1	72.0	24.5	45.6	-210.2	40.5	5 149.3	99.4	-499.4
Fabrics	-608.8	1,032.3	238.2	431.0	249.4	113.7	-1,641.1	110.7	339.7	98.1	-2,189.7
Clothing	-655.3	3,451.5	1,744.3	936.6		619.3	-4,106.8	12.6		-13.0	-4,081.3
Other	351.9	1,338.9	772.7	277.4		210.9	-987.1	31.2		43.6	-1,121.4
Total (actual weight)	-981.3	5,963.8	2,754.2	1,717.0		989.4	-6,945.1	195.1		228.1	-7,891.8
Total (raw fibre)	-687.9	6,656.2	3,128.8	1,893.4	541.0	1,092.9	-7,344.1	218.9	557.4	256.9	-8,377.3

Table 2d - 2008 BALANCE OF TRADE OF MANUFACTURES BY REGION

		Total	North		F I KADE OF MA		Total				
ITEMS	Total World	Developed	America	Europe	Former USSR	Others*	Developing	Africa	Latin America	Near East	Far East
	thousand tonnes	•		housand tonnes			•		thousand tonnes		
COTTON	anousand tonnes			iousuna tomie.	•				inousund tomics		
Spun Yarn	-73.2	395.5	-38.9	282.4	64.3	87.8	-468.7	33.1	57.4	37.6	-596.7
Fabrics	-1,052.1	281.7	-50.4	165.6		142.0	-1,333.8	108.3		-57.3	-1,385.7
Clothing	-20.3	5,810.4	3,055.2	1,866.3		787.9	-5,830.7	-41.2		-324.3	-5,346.4
Other	63.2	2,258.3	1,566.1	325.1		302.2	-2,195.2	8.9		-93.1	-2,094.3
Total (actual weight)	-1,082.4	8,745.9	4,531.9	2,639.3		1,319.9	-9,828.3	109.1		-437.1	-9,423.0
Total (raw fibre)	-710.8	9,986.3	5,012.0	3,089.3		1,580.0	-10,697.1	123.9	-90.1	-544.8	-10,186.1
WOOL											
Tops	-5.8	17.1	2.9	27.3		-13.7	-22.9	2.3		15.6	-3.3
Noils	-7.8	0.4	0.7	2.9		-3.3	-8.2	0.0		0.2	-2.5
Yarn	22.9	38.8	6.1	21.1		11.4	-15.9	1.6		-0.9	-15.5
Fabrics	12.8	-11.2	-2.8	-33.2	6.9	17.9	23.9	1.6	5 3.9	4.5	13.8
Clothing	-104.7	210.0	87.8	48.6	5.9	67.8	-314.7	-1.4	1.5	-2.3	-312.5
Other	32.9	107.4	43.9	52.7		5.6	-74.6	3.4	4.0	-22.8	-59.2
Total (actual weight)	-49.8	362.5	138.6	119.5	18.8	85.7	-412.3	7.5	-35.0	-5.7	-379.1
Total (raw fibre)	-48.6	417.6	162.7	132.2	21.3	101.4	-466.2	9.1	-32.5	-8.5	-434.3
FLAX											
Yarn	1.0	9.0	0.1	9.1	-1.2	1.0	-8.0	0.1	0.6	0.9	-9.6
Fabrics	13.7	4.4	11.0	-0.3	-6.8	0.5	9.3	1.3	3 2.4	1.3	4.3
Clothing	-42.3	39.4	16.1	16.1		6.2	-81.7	-5.5	5 2.4	6.0	-84.6
Other	-24.0	6.4	1.6	3.5		0.7	-30.5	1.4		0.1	-33.5
Total (actual weight)	-51.6	59.2	28.8	28.5		8.3	-110.9	-2.8		8.3	-123.3
Total (raw fibre)	-92.1	80.5	37.2	39.6	-10.4	14.0	-172.5	5.9	10.1	12.2	-200.7
CELLULOSIC											
Spun Yarn	-137.6	67.6	19.7	28.8	6.3	12.8	-205.2	7.8	34.0	61.2	-308.3
Fabrics	103.5	100.3	45.5	35.6	35.6	-16.3	3.2	11.2	30.9	10.0	-48.9
Clothing	-185.3	387.3	155.7	147.7	2.0	81.8	-572.5	1.2	2 17.2	3.0	-594.0
Other	-108.8	106.5	54.5	32.3	7.4	12.3	-215.3	6.7	14.6	-14.2	-222.4
Total (actual weight)	-328.1	661.7	275.5	244.4	51.3	90.6	-989.9	27.0	96.6	60.1	-1,173.5
Total (raw fibre)	-352.1	732.5	309.4	265.8	52.4	104.9	-1,084.6	31.9	107.7	63.3	-1,287.6
SYNTHETICS											
Spun Yarn	-89.4	127.0	4.2	60.1	19.6	43.2	-216.4	43.0	150.8	50.4	-460.7
Fabrics	-486.9	1,048.5	335.0	395.7		112.6	-1,535.4	104.6		83.8	-2,035.9
Clothing	-796.3	3,342.1	1,700.9	835.8		631.8	-4,138.4	8.9		8.6	-4,144.0
Other	388.5	1,292.4	754.3	301.5		179.9	-903.8	25.8		37.6	-1,052.8
Total (actual weight)	-984.0	5,810.1	2,794.4	1,593.0		967.4	-6,794.1	182.4		180.3	-7,693.3
Total (raw fibre)	-698.6	6,482.6	3,169.0	1,756.0	489.5	1,068.0	-7,181.1	203.3	572.0	203.4	-8,159.8