

AGRICULTURAL
ECONOMICS
RESEARCH UNIT



Lincoln College

TRENDS IN PRODUCTION,
TRADE & CONSUMPTION OF
WOOL & WOOL TEXTILES

by

B. P. PHILPOTT

and

D. M. BEGGS

*

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B. P. PHILPOTT
Professor of Agricultural Economics, Lincoln College

and

D. M. BEGGS
New Zealand Wool Commission

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TRENDS IN PRODUCTION, TRADE, AND CONSUMPTION,
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INTRODUCTION

In this paper we have set out, in the form of charts and tables, the results of an attempt to measure the disposition of wool produced by the major producing and consuming countries in the post-war period. Our aim is to present a picture of the structure of the world wool market, by tracing through the major flows of wool from the point of raw production to its final use in the form of wool textiles measured in clean wool content; and to identify the growing points of world demand for wool.

The paper is mainly descriptive and no attempt is made at analysis though the data presented was assembled in the course of an analysis of factors affecting wool prices. In such an analysis we are concerned, as with the analysis of prices of other agricultural products, with the interaction of supply and demand. But unlike other New Zealand export products, for example meat, in which we can confine our attention to one particular type of meat in a few particular countries, we are, with wool, concerned, except in exceptional circumstances, with wool as a whole because of the infinite possibilities of substitution possible between different grades and types. And we have to take as our market the world as a whole, since nearly every country in the world consumes wool in greater or smaller quantities, if only in the form of small quantities of imported wool textiles.

For many of these smaller wool markets there are not available the necessary economic data for incorporation in a world demand analysis for wool, and in such an analysis we therefore have to group together the important countries making up a "wool world". We have done this by identifying a group of 21 countries known henceforth as the "21 country group", consisting of countries which produce and consume the major proportion of the world's wool (outside the Communist blocs). This group, or "wool world", we can regard as a largely self-contained unit producing, trading and consuming raw wool

and wool textiles, but exporting some of its wool supplies to the countries of the outside world, either in the form of small quantities of raw wool or of wool textiles.

The countries which make up this 21 country group are as follows, divided into four sub groups:

<u>The 5 Wool Producers</u>	<u>The 5 Wool Textile Exporters</u>	<u>The 4 Wool Textile Importers</u>	<u>The 7 Western European Countries</u>
Argentina	United Kingdom	West Germany	Austria
Australia	Belgium	Netherlands	Denmark
New Zealand	France	Canada	Finland
Sth Africa	Italy	Sweden	Ireland
Uruguay	Japan		Norway
			Switzerland
			Greece

Though it is a very important wool consumer, the United States has been excluded from this 21 country group, largely because we have found, in other work, that the U.S. trends in wool textile consumption have been quite different from those in other countries, possibly because of differences in the rate of development and competition of synthetic fibres.

Apart from the United States, the rest of the world, mainly small countries importing quantities of raw wool or wool textiles from the 21 countries, have been lumped together into a group called "Other Countries".

In the next section we proceed to show the flows of wool arranged according to this grouping of countries for the year 1962. In succeeding sections, the charts and tables give the annual development over the last 14 years in each of the major constituents of these flows.

The figures which follow have all been derived, after necessary rearrangement, from official sources including:

- O.E.C.D. : "Trade Statistics"
- C.E.C. : "Wool Intelligence"
- I.W.S. : "World Wool Digest"
- F.A.O. : "Production Year Books Per Capita Fibre Consumption Levels given in various issues of "Monthly Bulletin of Agricultural Economics and Statistics"
- I.W.T.O. : "Wool Questionnaires".

I. STRUCTURE OF PRODUCTION, TRADE, AND CONSUMPTION IN 1962

Taking the grouping of countries given above the structure of the "world" wool market in one year 1962 is given in Figure 1. All measurements are in million lb. clean.

Figure 1 shows blocks of countries between which there are shown flows of wool and wool textiles with the relevant quantities indicated. Only inter-group and no intra-group flows are shown. That is to say since we are considering the 21 country group as one virtually self-contained bloc only the flows to and from outside countries are shown. To show the trade flows between each of the 21 countries would confuse the picture far too much.

This chart shows raw wool production in the 21 country group in 1962 was 2054 million lb. From this exports of wool (456 mn.lb.) flowed to the U.S.A. and "Other Countries" from which there was also a small inward import flow of wool (57 mn. lb.). To the balance of wool available was added wool withdrawn (21 mn.lb.) from government and official stockpiles giving wool available for mill consumption. In addition however there was available 134 mn.lb. representing estimated reduction in commercial stocks and errors. (This figure must be regarded as only a very tentative estimate of commercial stock reduction as it has been calculated as a residual from comparing available supplies with mill consumption. These two figures come from different sources in that the residual is partly reduction in commercial stocks and partly unexplained errors. Hence we have called it "commercial stocks and errors".

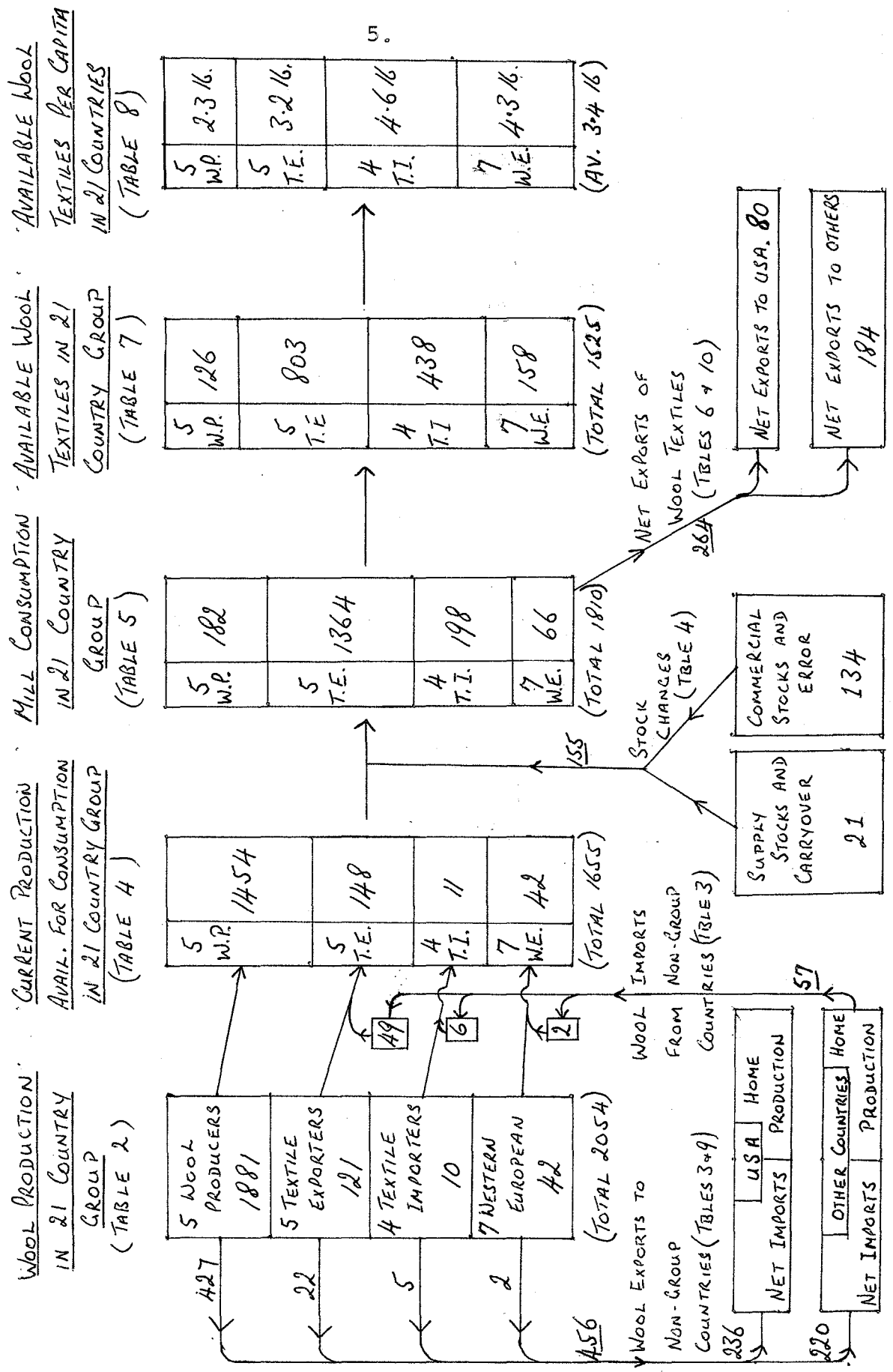
4.

From mill consumption (1810 mn.lb.) an export flow of wool textiles (264 mn.lb.) proceeds to the U.S.A. and "Other Countries" leaving the balance (1525 mn.lb.) as wool textiles available for consumption which, when divided by population, gives per capita availability in the 21 countries. (Again there is a small error of 21 mn.lb. since the figures come from different sources.)

At the head of each stage in the flow of wool to final consumption is given a table number referring to the particular table in the ensuing set where the details of these individual flows for the years 1948-62 are given.

FLOW PATTERN, WOOL AND WOOL TEXTILES 1962

MM LBS CLEAN



II. WOOL PRODUCTION

Table 1 and Figure 1 give the trends in wool production measured in lbs. clean equivalent, in the main country groupings. The figures are derived from Commonwealth Economic Committee and F.A.O. published statistics. For the southern hemisphere countries' production for the season spanning two calendar years, e.g. 1947/48, is included with calendar year production in the second year, i.e. 1948, in the northern hemisphere.

The total production in the 21 or 22 country groups reflects very closely the trend and fluctuations in the 5 major producers.

FIGURE 2

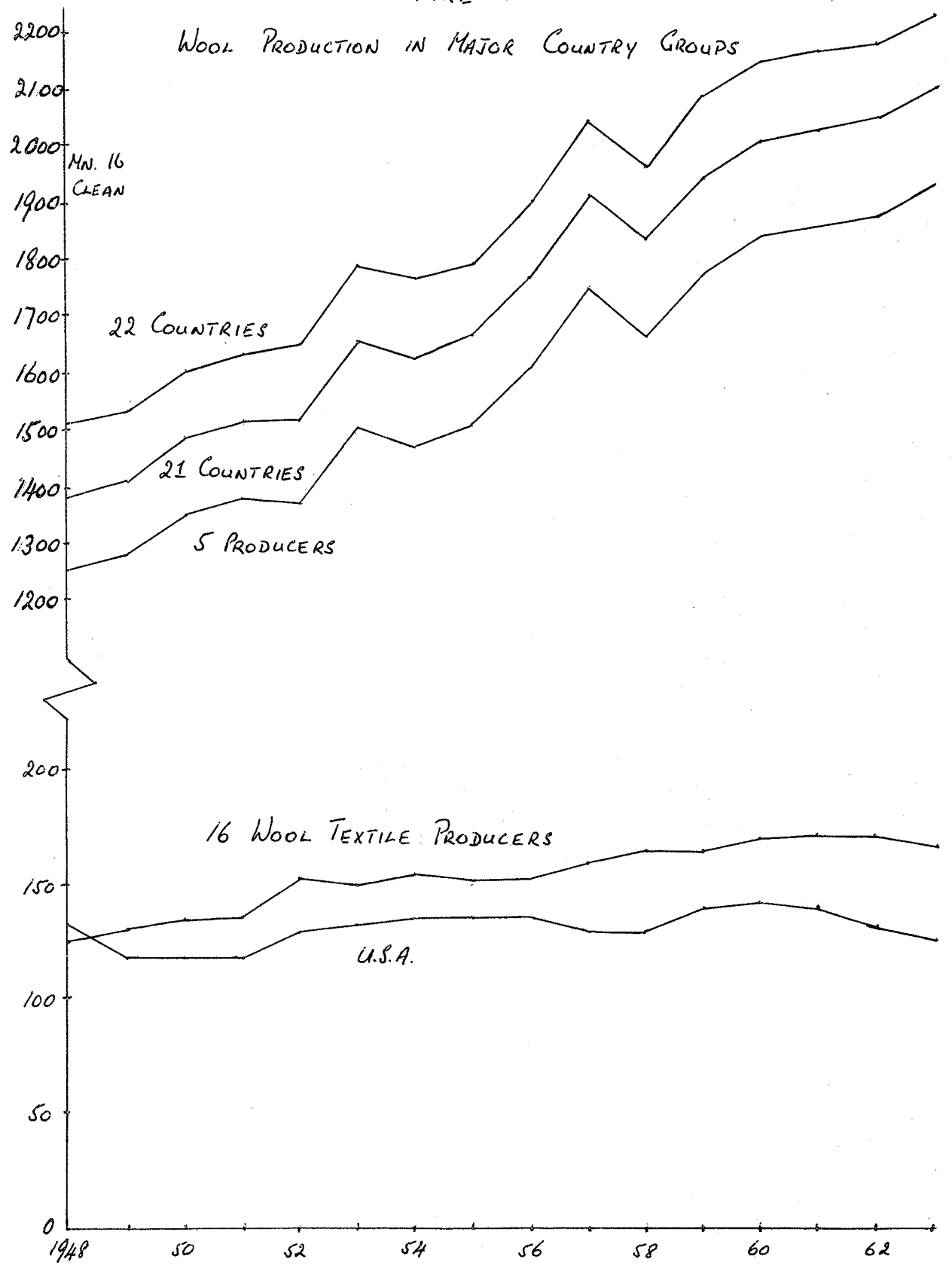


TABLE: 2 RAW WOOL - CLEAN HOME PRODUCTION (m. lbs)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
Argentina	280	258	251	256	249	240	228	212
Australia	545	591	642	641	624	735	697	720
New Zealand	241	244	260	260	274	283	291	310
Sth Africa	102	108	108	122	122	134	142	153
Uruguay	91	81	92	103	104	109	116	115
Total:5 Wool Producers	1259	1281	1353	1382	1373	1507	1474	1510
U.K.	52.9	57.3	59.5	55.1	63.9	67.0	70.1	67.2
Belgium	0.7	0.7	0.8	0.7	0.6	0.5	0.5	0.5
France	11.0	11.0	11.0	19.8	19.8	21.2	22.0	22.0
Italy	19.8	22.0	22.0	22.0	22.0	15.9	15.0	13.9
Japan	1.2	1.3	1.5	1.7	2.3	2.9	3.1	3.3
Total:5 Wool Text.Exprs.	85.6	92.3	94.8	99.3	108.6	107.5	110.7	106.9
W.Germany	5.0	7.0	8.0	7.0	7.0	6.0	5.5	4.9
Netherlands	2.2	2.0	1.7	1.6	1.8	1.9	1.8	1.7
Canada	7.0	5.0	5.0	4.0	5.0	5.0	5.0	4.6
Sweden	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.4
Total:4 Wool Text.Imprs	15.0	14.7	15.3	13.2	14.4	12.5	12.7	11.6
Austria	1.2	1.0	0.8	0.9	0.9	1.0	0.9	0.9
Denmark	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1
Finland	2.1	2.3	2.1	2.3	1.8	1.9	1.7	1.4
Ireland	8.8	8.8	8.8	8.8	11.0	10.5	11.0	12.1
Norway	3.7	4.1	4.3	4.5	4.7	4.7	4.7	5.5
Switzerland	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Greece	8.8	8.8	8.8	8.8	11.0	11.7	12.8	12.8
Total:7 West- ern Europe	25.3	25.7	25.5	25.9	30.0	30.4	31.7	33.3
Total: 21 Countries	1385	1415	1489	1520	1525	1657	1629	1662
U.S.A.	132.3	119.0	119.0	119.0	127.9	133.8	136.2	137.3
Total: 22 Countries	1517	1534	1608	1639	1654	1791	1765	1799

TABLE 2 (Cont'd)

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Argentina	226	224	241	247	256	266	252	247
Australia	804	903	810	902	928	916	930	978
New Zealand	315	340	341	371	399	403	411	434
Sth Africa	158	178	157	154	166	168	178	170
Uruguay	113	110	119	104	94	107	110	115
Total:5 Wool Producers	1616	1755	1668	1778	1843	1860	1881	1944
U.K.	68.8	75.6	78.9	82.0	80.7	86.6	86.2	81.8
Belgium	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7
France	22.0	22.5	20.7	22.0	22.9	20.7	19.2	21.6
Italy	12.8	12.8	13.2	13.4	13.4	13.4	13.0	13.2
Japan	3.5	3.7	4.2	4.0	3.5	3.1	2.2	1.8
Total:5 Wool Text.Exprs.	107.8	115.3	117.7	122.1	121.2	124.2	121.0	119.1
W.Germany	4.4	4.4	4.6	4.4	4.4	4.4	4.0	3.7
Netherlands	1.3	1.5	1.8	1.5	1.3	1.3	1.3	1.3
Canada	4.6	4.6	4.6	4.9	4.9	4.4	4.2	4.2
Sweden	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.4
Total:4 Wool Text.Imprs.	10.7	10.9	11.2	11.0	11.0	10.5	9.9	9.6
Austria	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
Denmark	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Finland	0.9	0.9	0.7	0.4	0.4	0.4	0.4	0.2
Ireland	12.8	13.0	15.0	16.1	16.5	16.7	17.9	16.7
Norway	5.5	6.0	6.0	6.4	7.1	6.4	7.1	7.1
Switzerland	0.4	0.4	0.4	0.4	0.7	0.7	0.7	0.7
Greece	12.8	13.0	13.7	13.9	13.9	14.1	14.6	14.1
Total:7 West- ern Europe	33.6	34.5	36.8	32.2	39.6	39.3	41.7	38.8
Total: 21 Countries	1768	1916	1834	1949	2015	2034	2054	2112
U.S.A.	136.9	130.3	130.1	140.2	142.0	140.7	131.8	126.3
Total: 22 Countries	1905	2046	1964	2090	2157	2175	2185	2238

III. TRADE IN RAW WOOL

Figure 3 and Table 3A on which it is based, give the trends in trade in raw wool from the 21 country group. This is divided into exports from the group to the U.S.A. and exports to other countries. The latter has risen very rapidly - about a fourfold since the early fifties. Also shown are the imports into the 21 country group from "Other Countries". These imports have shown a slowly rising trend over the period, the fluctuations around this trend being quite closely correlated with levels of mill consumption in the 21 country group. Further details, for the year 1963, of the country of origin of these imports from "Other Countries" and the countries of destination of exports to "Other Countries" are given in Appendix Tables 9 and 10.

Table 3B gives the greater detail underlying the figures in Table 3A by showing the exports and imports of each of the twenty one countries making up the group.

FIGURE 3

TRADE IN RAW WOOL

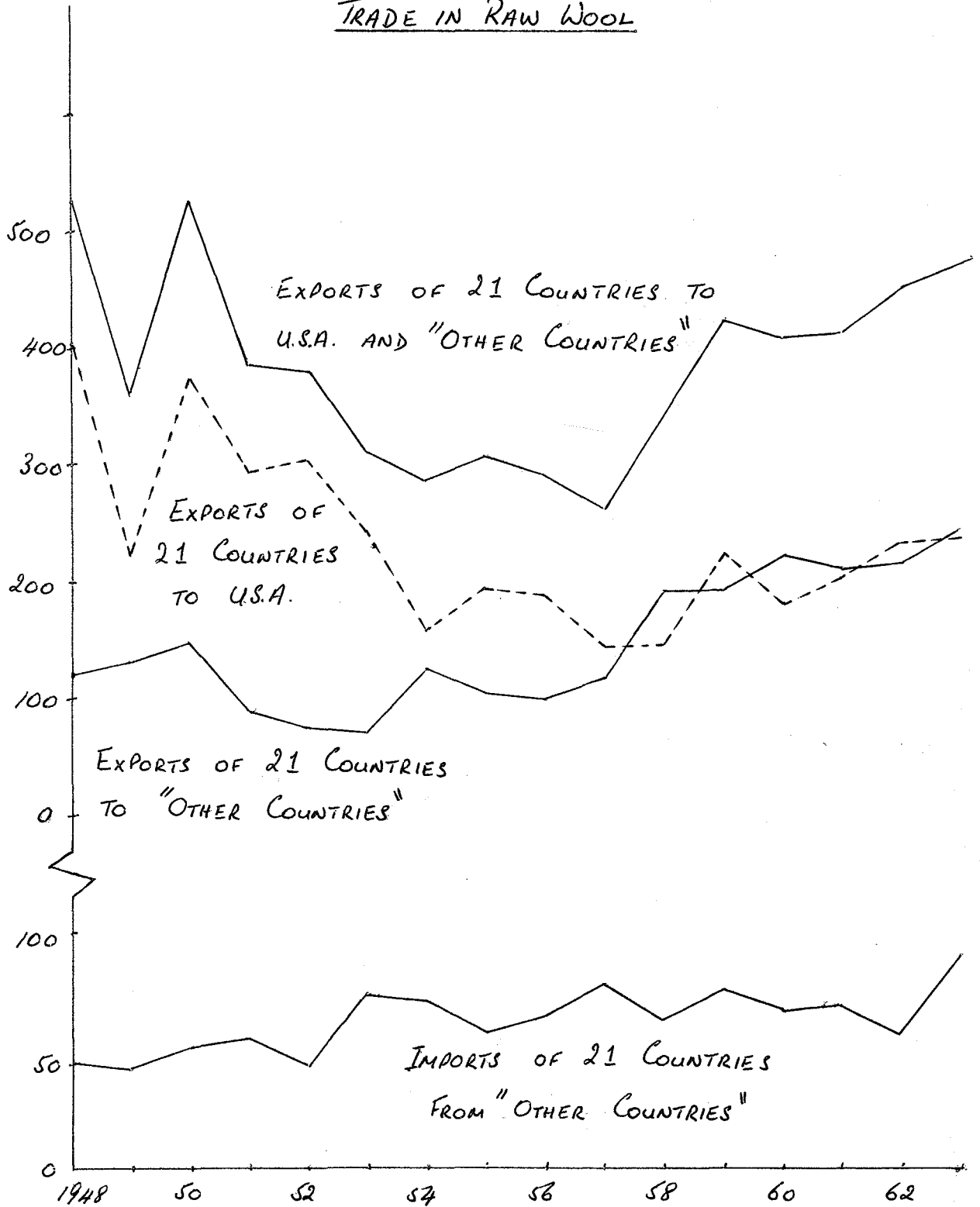


TABLE 3A: TRADE IN RAW WOOL 21 COUNTRIES (m.lbs)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
5 Wool Producers								
Exports to USA	392.6	218.4	360.7	285.1	285.0	232.0	155.1	179.2
Exports to Other	114.4	121.3	139.8	81.6	69.2	62.2	114.9	98.6
Total Exports to Non-21	507.0	339.7	500.5	366.7	354.2	294.2	270.0	277.8
5 Textile Exprs.								
Exports to USA	6.3	5.3	13.0	7.6	12.4	6.5	5.0	8.6
Exports to Other	8.9	11.2	8.8	7.2	5.3	8.6	8.8	9.2
Total Exports	15.2	16.5	21.8	14.8	17.7	15.1	13.8	17.8
Imports from Other	37.8	37.8	43.2	48.5	40.0	63.2	63.2	50.9
4 Textile Impr.								
Exports to USA	1.5	1.5	1.9	1.4	1.8	1.7	2.0	4.2
Exports to Other	-	-	0.1	0.1	0.2	0.3	0.1	0.3
Total Exports	1.5	1.5	2.0	1.5	2.0	2.0	2.1	4.5
Imports from Other	2.8	3.7	5.8	3.7	3.3	8.4	6.3	6.9
7 Western Europe								
Exports to USA	0.6	1.0	1.0	0.5	1.6	1.2	0.7	1.1
= Total Exports (Other Zero)								
Imports from Other	3.6	2.4	1.7	1.5	1.5	2.8	1.9	1.6
Total 21 Countries								
Exports to USA	401.0	226.2	376.6	294.6	300.8	241.4	162.8	193.1
Exports to Other	123.3	132.5	148.7	88.9	74.7	71.1	123.8	108.1
Total Exports	524.3	358.7	525.3	383.5	375.5	312.5	286.6	301.2
Total Imports from Other	44.2	43.9	50.7	53.7	44.8	74.4	71.4	59.4

TABLE 3A (Cont'd)

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
5 Wool Producers								
Exports to USA	174.2	132.1	131.7	207.7	162.1	186.3	218.6	213.0
Exports to Other	95.6	111.5	185.6	180.4	215.1	194.3	207.7	225.5
Total Exports to Non-21	269.8	243.6	317.3	388.1	377.2	380.6	426.3	438.5
5 Wool Text.Exprs.								
Exports to USA	9.8	7.2	8.4	14.2	10.0	12.9	11.3	18.6
Exports to Other	6.1	6.8	4.9	8.8	9.0	13.0	11.1	12.1
Total Exports	15.9	14.0	13.3	23.0	19.0	25.9	22.4	30.7
Imports from Other	55.7	69.5	56.6	64.9	58.2	59.8	49.2	79.5
4 Wool Text.Imprs.								
Exports to USA	3.9	4.4	4.7	9.1	4.7	4.4	4.4	5.1
Exports to Other	0.6	1.1	0.8	0.9	1.3	0.4	0.9	1.4
Total Exports	4.5	5.5	5.5	10.0	6.0	4.8	5.3	6.5
Imports from Other	6.8	7.3	5.2	7.7	6.4	6.9	6.3	9.6'
7 Western Europe								
Exports to USA	1.1	0.9	1.7	2.6	2.1	1.7	1.6	1.1
= Total Exports (Other Zero)								
Imports from Other	2.5	2.7	1.8	3.1	2.3	2.7	1.5	3.0
Total 21 Countries								
Exports to USA	189.0	144.6	146.5	233.6	178.9	205.3	235.9	237.8
Exports to Other	102.3	119.4	191.3	190.1	225.4	207.7	219.7	239.0
Total Exports	291.3	264.0	337.8	423.7	404.3	413.0	455.6	476.8
Total Imports from Other	65.0	79.5	63.6	75.7	66.9	69.4	57.0	92.1

TABLE 3B NET TRADE IN RAW WOOL, 21 COUNTRIES (m.lbs)

M denotes Imports
X denotes Exports

		1948		1949		1950		1951		1952		1953		1954	
		M	X	M	X	M	X	M	X	M	X	M	X	M	X
	Argentina		229.0		94.8		148.6		58.7		64.2		118.6		68.1
(1)	Australia		117.2		122.4		147.4		165.1		123.6		71.0		110.5
	New Zealand		74.3		60.2		83.5		57.3		103.3		58.6		55.5
	Sth Africa		22.9		18.7		18.0		26.6		30.3		13.7		17.0
	Uruguay		63.6		43.6		75.7		59.0		32.8		32.3		18.9
	5 Wool Producers		507.0		339.7		500.5		366.7		354.2		294.2		270.0
	U.K.	21.9	4.1	28.5	4.2	31.0	9.4	28.4	3.7	30.9	9.0	35.9	5.2	38.1	4.6
(2)	Belgium	9.7	1.7	2.8	6.9	2.4	4.0	0.9	3.8	0.7	2.1	2.4	4.9	3.9	3.7
	France	4.8	6.7	4.9	3.0	8.3	4.3	13.9	4.4	7.2	4.4	13.0	3.2	12.6	4.1
	Italy	1.4	2.7	1.6	2.4	1.4	4.1	1.0	2.9	1.0	2.2	1.6	1.8	1.4	1.4
	Japan	-	-	-	-	0.1	-	4.3	-	0.2	-	10.3	-	7.2	-
	5 Wool Text. Exp.	37.8	15.2	37.8	16.5	43.2	21.8	48.5	14.8	40.0	17.7	63.2	15.1	63.2	13.8
	Net Trade (Imp.)	22.6		21.3		21.4		33.7		22.3		48.1		49.4	
	W. Germany	1.0	-	2.3	-	4.1	0.1	2.0	0.1	2.5	0.2	6.8	0.7	5.3	0.3
(3)	Netherlands	0.1	0.1	0.2	0.4	2.2	0.3	1.2	0.4	0.4	0.3	0.6	0.1	0.6	1.1
	Canada	1.6	1.4	1.1	1.1	1.6	1.6	0.4	1.0	0.3	1.5	0.9	1.2	0.3	0.7
	Sweden	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-
	4 Wool Text. Imp.	2.8	1.5	3.7	1.5	5.8	2.0	3.7	1.5	3.3	2.0	8.4	2.0	6.3	2.1
	Net Trade (Imp.)	1.3		2.2		3.8		2.2		1.3		6.4		4.2	
	Austria	0.4	-	0.2	-	0.2	-	0.2	-	0.1	-	0.1	-	0.1	-
	Denmark	0.1	-	0.1	-	0.1	-	-	-	0.2	-	0.3	-	0.2	-
(4)	Finland	0.6	-	0.6	-	0.9	-	0.6	-	0.7	-	0.6	-	0.6	-
	Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ireland	-	0.6	0.1	1.0	0.1	1.0	0.1	0.5	0.1	1.6	0.3	1.2	0.3	0.7
	Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Switzerland	2.5	-	1.4	-	0.4	-	0.6	-	0.4	-	1.5	-	0.7	-
(5)	7 Western Europe	3.6	0.6	2.4	1.0	1.7	1.0	1.5	0.5	1.5	1.6	2.8	1.2	1.9	0.7
	Net Trade (Imp.)	3.0		1.4		0.7		1.0		0.1		1.6		1.2	
	21 Countries:														
	Exports		524.3		358.7		525.3		383.5		375.5		312.5		286.6
	Imports	44.2		43.9		50.7		53.7		44.8		74.4		71.4	
	Net Exports		480.1		314.8		474.6		349.8		330.7		238.1		215.2

14.

TABLE 3B (Cont'd)

1955		1956		1957		1958		1959		1960		1961		1962		1963		15
M	X	M	X	M	X	M	X	M	X	M	X	M	X	M	X	M	X	
	80.9		68.8		65.1		61.5		91.7		76.1		78.3		83.0		86.5	
	92.1		89.0		95.5		108.8		127.8		157.9		150.2		189.9		189.2	
	57.8		58.5		47.9		72.8		87.4		90.4		87.1		82.3		110.0	
	27.5		28.0		25.8		34.8		37.7		34.5		35.0		38.8		28.2	
	19.5		25.5		9.3		39.4		43.5		18.3		30.0		32.3		24.6	
	277.8		269.8		243.6		317.3		388.1		377.2		380.6		426.3		438.5	
34.5	5.7	34.2	6.7	41.8	5.5	38.4	7.1	42.4	10.0	41.3	6.9	43.2	12.2	35.8	10.2	46.8	15.3	
3.9	5.5	3.4	1.6	3.8	0.9	3.0	0.9	3.6	3.3	3.3	3.6	4.2	5.9	0.8	3.8	8.3	5.6	
8.9	5.0	10.8	6.2	12.5	5.5	7.7	4.7	8.5	7.1	9.7	6.8	7.9	7.1	6.0	7.0	7.7	7.8	
1.8	1.6	1.7	1.4	2.3	2.1	2.0	0.6	2.4	2.6	2.7	1.7	2.5	0.7	2.6	1.4	3.4	2.0	
1.8	-	5.6	-	9.1	-	5.5	-	8.0	-	1.2	-	2.0	-	4.0	-	13.3	-	
50.9	17.8	55.7	15.9	69.5	14.0	56.6	13.3	64.9	23.0	58.2	19.0	59.8	25.9	49.2	22.4	79.5	30.7	
33.1		39.8		55.5		43.3		41.9		39.2		33.9		26.8		48.8		
5.2	0.6	5.3	1.1	5.9	1.4	4.1	1.1	5.9	1.9	5.1	1.6	5.4	1.2	5.1	1.5	6.6	1.9	
1.1	3.5	1.0	3.1	1.0	3.7	0.9	4.0	1.5	6.8	1.1	3.9	1.1	2.5	0.9	2.8	2.6	3.7	
0.5	0.4	0.4	0.3	0.3	0.4	0.1	0.4	0.2	1.3	0.1	0.5	0.3	1.3	0.2	1.0	0.3	0.9	
0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	
6.9	4.5	6.8	4.5	7.3	5.5	5.2	5.5	7.7	10.0	6.4	6.0	6.9	4.8	6.3	5.3	9.6	6.5	
2.4		2.3		1.8			0.3		2.3	0.4		2.1		1.0		3.1		
0.2	-	0.7	-	0.7	-	0.5	-	0.6	-	0.6	-	0.7	-	0.2	-	0.6	-	
-	-	-	-	-	-	-	-	0.2	-	0.2	-	0.2	-	0.2	-	0.2	-	
-	-	1.0	-	1.0	-	0.7	-	1.4	-	0.7	-	0.5	-	0.4	-	0.6	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	
0.5	1.1	0.3	1.1	0.3	0.9	0.2	1.7	0.3	2.6	0.3	2.1	0.2	1.7	0.2	1.6	0.9	1.1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.9	-	0.5	-	0.7	-	0.4	-	0.6	-	0.5	-	1.1	-	0.5	-	0.6	-	
1.1	1.1	2.5	1.1	2.7	0.9	1.8	1.7	3.1	2.6	2.3	2.1	2.7	1.7	1.5	1.6	3.0	1.1	
0.5		1.4		1.8		0.1		0.5		0.2		1.0		0.1		1.9		
	301.2		291.3		264.0		337.8		423.7		404.3		413.0		455.6		476.8	
59.4		65.0		79.5		63.6		75.7		66.9		69.4		57.0		92.1		
	241.8		226.3		184.5		274.2		348.0		337.4		343.6		398.6		384.7	

IV. SUPPLY STOCKS AND WOOL AVAILABLE FOR MILL CONSUMPTION

Wool production in the 21 country group, less exports to plus imports from countries outside the group, plus wool released from or absorbed by official stockpiles and grower carryovers, gives the amount of wool available for mill consumption in the group. These figures are graphed in the top half of Figure 4 based on the data given in Table 4. Wool supplies available have fluctuated very markedly mainly due to the fluctuations in net releases from supply stocks. The major reason for these latter fluctuations, in recent years, has been the continual cyclical movement in carry-over stocks in South America.

Figure 4 also shows the levels of mill consumption in the 21 country group. The difference between supplies of wool available for consumption with amounts actually consumed should in theory represent the annual changes in commercial stocks. This would be true if all statistical series had been measured without any errors; or, if the errors were consistent, such as would occur if the clean yields used were consistently too high or low. We are certainly not entitled to make this assumption and the difference between supplies and consumption represents the combined effect of errors and changes in commercial stocks.

17.
FIGURE 4

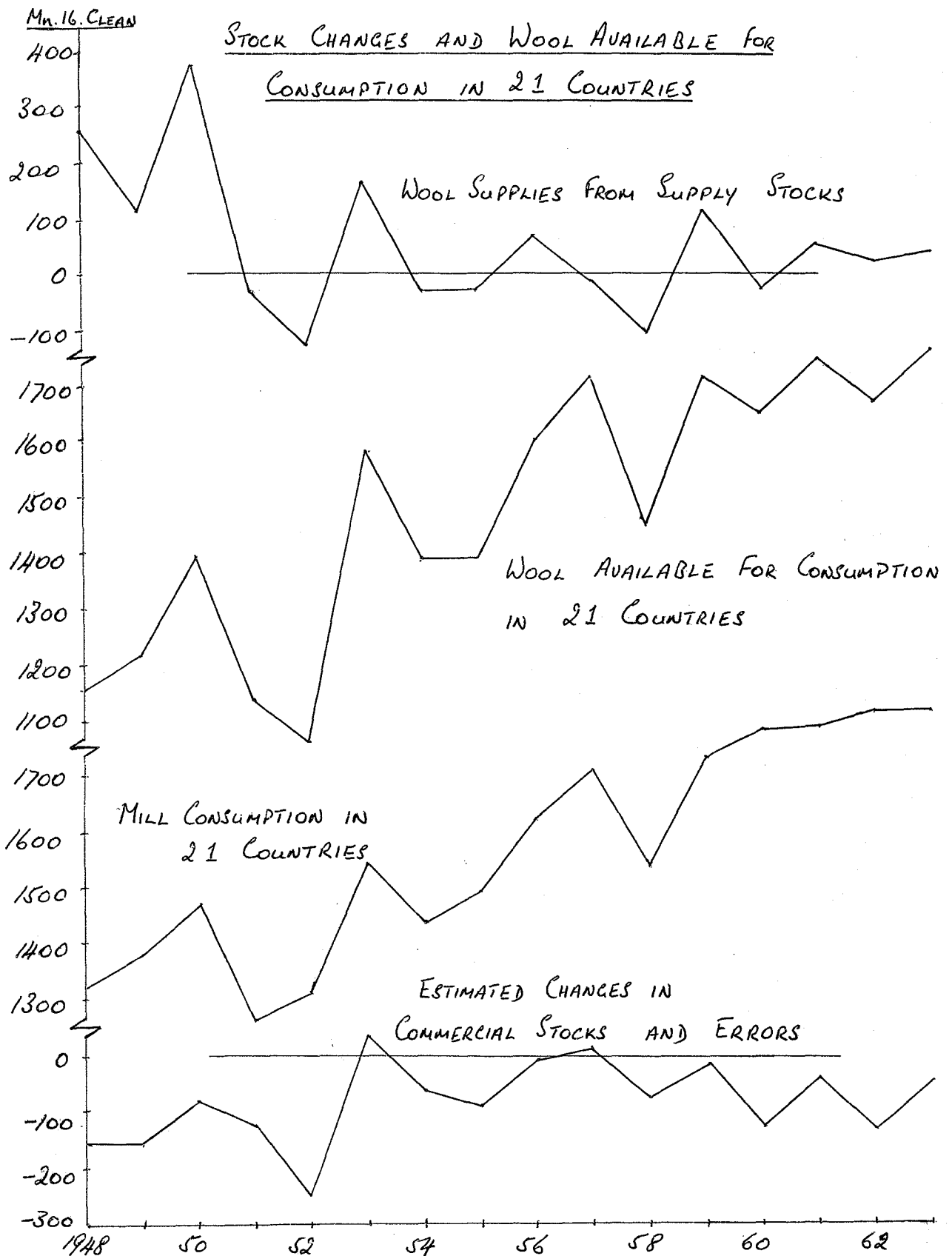


TABLE 4: AVAILABLE SUPPLIES OF WOOL (PRODUCTION PLUS SUPPLY STOCKS AND CARRYOVERS)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
1. Prod'n in 21 Countries	1385	1415	1489	1520	1525	1657	1629	1662
2. Net Exports to USA & Other	480	315	475	350	331	238	215	242
3. Production less Exports	905	1100	1014	1170	1194	1419	1414	1420
4. Net Releases From (+) or additions to (-) supply stocks (Details given below)	257	113	377	-30	-129	165	-31	-28
5. Wool Available for Consumption	1162	1213	1391	1140	1065	1584	1383	1392
6. Mill Consumption	1326	1377	1471	1265	1319	1549	1446	1490
7. Difference Equals Econserv Est'm + Changes in Commercial stocks	-164	-164	-80	-125	-254	35	-63	-98
<u>Composition of Changes in Supply Stocks</u>								
<u>Releases from or Additions to CarryOvers in:</u>								
	(+)	(-)						
Australia	6	-13	11	-3	4	-1	-	-2
New Zealand	3	-2	-	-67	64	2	-	2
South Africa	-	-	-	-3	3	-1	-	1
Argentina & Uruguay	15	-145	145	-35	-160	212	-27	-30
<u>Total</u>	24	-160	156	-108	-89	212	-27	-29
<u>Releases from(+) or Additions to(-) Stockpiles</u>								
Joint Organisation Stocks	233	272	220	80	4	-	-	-
U.K. Stockpiles (BWMB & Strategic)	-	1	1	-2	-44	-47	-4	1
NZ Wool Commission
Sth Afr. Wool Comm.	-	-	-	-	-	-	-	-
<u>Total</u>	233	273	221	78	-40	-47	-4	1
<u>Total Wool Available from (+) or absorbed by (-) (Carry Overs & Stockpiles)</u>								
	257	113	377	-30	-129	165	-31	-28

TABLE 4 (Cont'd)

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
1. Prod'n in 21 Countries	1768	1916	1834	1949	2015	2034	2054	2112
2. Net Exports to USA & Other	226	185	274	348	337	344	399	385
3. Production less Exports	1542	1731	1560	1601	1678	1690	1655	1727
4. Net Releases From (+) or additions to (-) supply stocks (Details given below)	67	-13	-105	115	-28	54	21	37
5. Wool Available for Consumption	1609	1718	1455	1716	1650	1744	1676	1764
6. Mill Consumption	1622	1705	1534	1735	1782	1788	1810	1812
7. Difference Equals Econserv Est'n + Changes in Commercial stocks	-13	13	-79	-19	-132	-44	-134	-48

Composition of Changes in Supply StocksReleases from (+) or Additions to (-) Carry Overs in:

Australia	-	-5	-4	-	-12	-4	2)	
New Zealand	1	1	-5	5	-8	-	1)	8
South Africa	-	-1	-	-	-	-	-)	
Argentina & Uruguay	63	-21	-92	105	-40	44	-1	15
<u>Total</u>	64	-26	-101	110	-60	40	2	23

Releases from (+) or Additions to (-) Stockpiles

Joint Organisation

Stocks	-	-	-	-	-	-	-	-
U.K. Stockpiles (BWMB & Strategic)	3	13	14	2	16	14	19	14
NZ Wool Commission	.	.	-11	-	11	-	-	-
Sth Afr. Wool Comm.	-	-	-7	3	4	-	-	-
<u>Total</u>	3	13	-4	5	31	14	19	14

Total Wool Available from (+) or absorbed by (-) (Carry Overs & Stockpiles)

	67	-13	-105	115	-28	54	21	37
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V. MILL CONSUMPTION OF RAW WOOL

Figure 5 gives the statistics of mill consumption of raw wool in the six wool producers, the U.S.A., the sixteen wool textile producers and the twenty-one and twenty-two country groups.

The marked cyclical fluctuation which characterised mill consumption for most of the period seems to have become much less marked since 1960.

Table 5 gives the mill consumption statistics for individual countries.

FIGURE 5

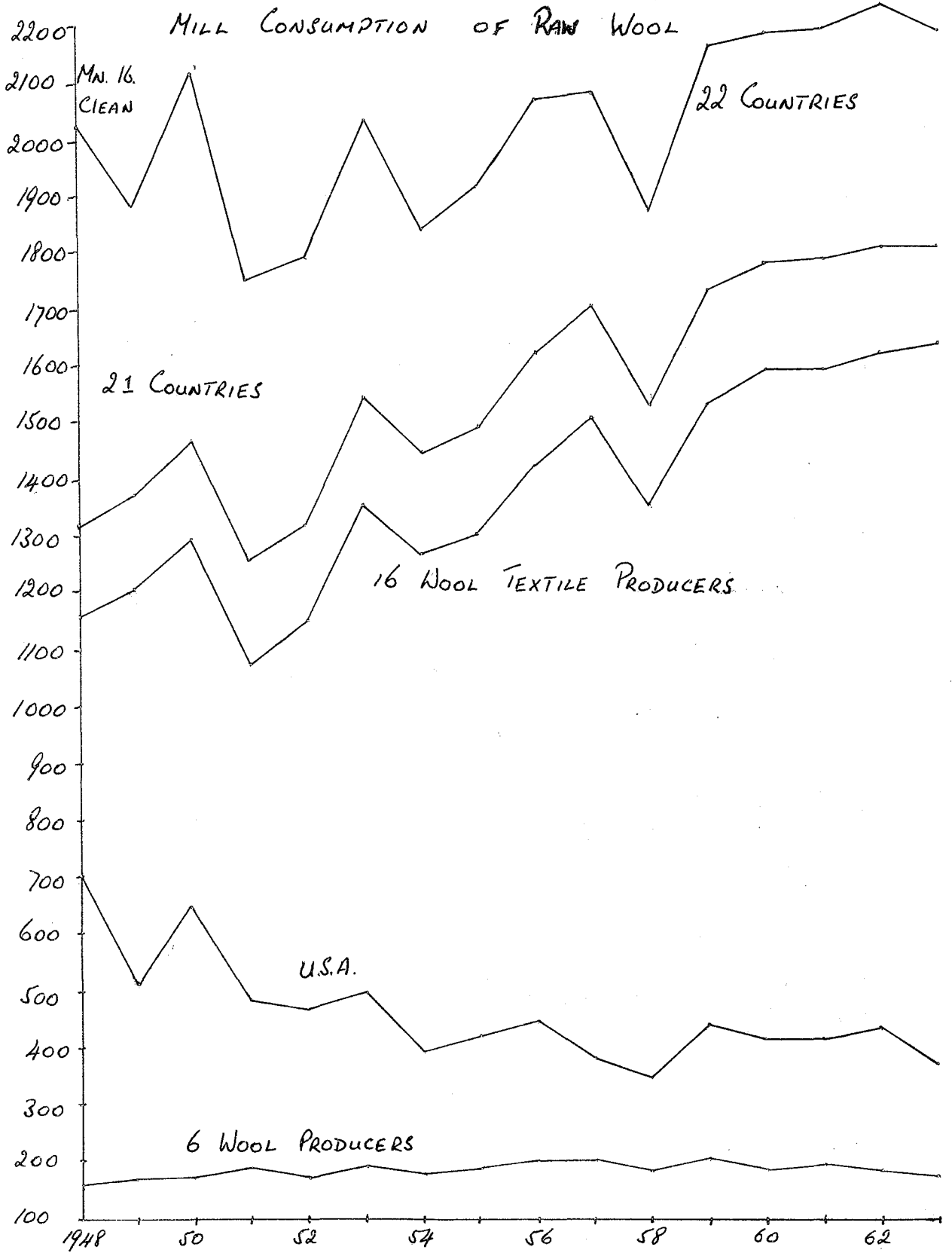


TABLE 5: MILL CONSUMPTION OF RAW WOOL (m.lbs)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
Argentina	60	70	80	91	74	73	61	68
Australia	77	71	61	58	41	57	55	56
New Zealand	8	7	10	9	7	9	9	9
Sth Africa	10	12	10	15	18	17	17	15
Uruguay	8	10	11	17	30	37	35	39
Total:5 Wool Producers	163	170	172	190	170	193	177	187
U.K.	483	492	518	397	379	488	462	475
Belgium	67	71	73	55	57	75	63	65
France	256	262	244	198	214	251	254	243
Italy	136	119	126	97	126	140	119	113
Japan	8	13	51	80	123	124	109	121
Total:5 Wool Text.Exprs.	950	957	1012	827	899	1078	1007	1017
W.Germany	47	91	128	117	132	156	152	168
Netherlands	40	40	37	24	26	24	25	26
Canada	40	34	32	29	27	25	18	22
Sweden	28	25	23	15	13	13	11	12
Total:4 Wool Text.Imprs.	155	190	220	185	198	218	206	228
Austria	6	9	10	11	9	11	12	12
Denmark	8	8	9	8	6	5	5	4
Finland	5	6	7	6	5	5	5	7
Ireland	5	4	4	4	4	7	7	7
Norway	11	11	11	9	7	8	7	7
Switzerland	16	13	16	13	10	12	10	10
Greece	7	9	10	12	11	12	10	11
Total:7 West- ern Europe	58	60	67	63	52	60	56	58
Total: 21 Countries	1326	1377	1471	1265	1319	1549	1446	1490
U.S.A.	705	511	647	489	472	496	391	426
Total: 22 Countries	2031	1888	2118	1754	1791	2045	1837	1916

TABLE 5 (Cont'd)

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Argentina	61	77	62	58	43	54	35	32
Australia	65	70	63	73	74	65	73	61
New Zealand	8	8	8	8	11	11	12	12
Sth Africa	18	17	17	24	21	21	21	22
Uruguay	47	26	32	41	37	44	41	46
Total:5 Wool Producers	199	198	182	204	186	195	182	173
U.K.	475	481	444	509	481	472	448	458
Belgium	78	80	70	78	86	84	100	95
France	275	299	266	267	280	278	291	295
Italy	124	161	156	178	214	185	205	196
Japan	171	188	161	226	269	311	320	325
Total:5 Wool Text.Exprs.	1123	1209	1097	1258	1330	1330	1364	1369
W.Germany	177	181	152	157	152	151	148	151
Netherlands	28	26	21	25	22	22	22	22
Canada	22	18	16	20	19	19	18	18
Sweden	11	10	11	11	12	10	10	10
Total:4 Wool Text.Imprs.	238	235	200	213	205	202	198	201
Austria	14	14	10	10	11	11	14	15
Denmark	4	4	4	4	4	4	5	5
Finland	7	7	7	7	5	5	5	5
Ireland	7	9	9	9	10	10	10	11
Norway	8	7	6	9	11	11	11	12
Switzerland	12	12	9	11	10	10	11	11
Greece	10	10	10	10	10	10	10	10
Total:7 West- ern Europe	62	63	55	60	61	61	66	69
Total: 21 Countries	1622	1705	1534	1735	1782	1788	1810	1812
U.S.A.	448	380	344	437	413	415	436	379
Total: 22 Countries	2070	2085	1878	2172	2195	2203	2246	2191

VI. NET EXPORTS OF WOOL TEXTILES FROM 21 COUNTRY GROUP

Of the wool consumed at mill level in the 21 country group, a proportion is shipped throughout the world as exports of textiles both to countries within and without the group. Here we are concerned with the net amount shipped outside the 21 countries. Table 6 shows the net exports (shown as negative quantities) and net imports of each country; the total net exports of the 21 country group; and the destination of these exports as between the U.S.A. and "Other Countries".

The latter figures are graphed in Figure 6. From 1952 to 1960 net exports of wool textiles to "Other Countries" rose very rapidly. Since that date there has been an equally rapid decline.

Further details, for the year 1963 of the geographical distribution of wool textile exports to "Other Countries" is given in Appendix Table 11.

FIGURE 6
NET TRADE OF 21 COUNTRIES
IN WOOL TEXTILES

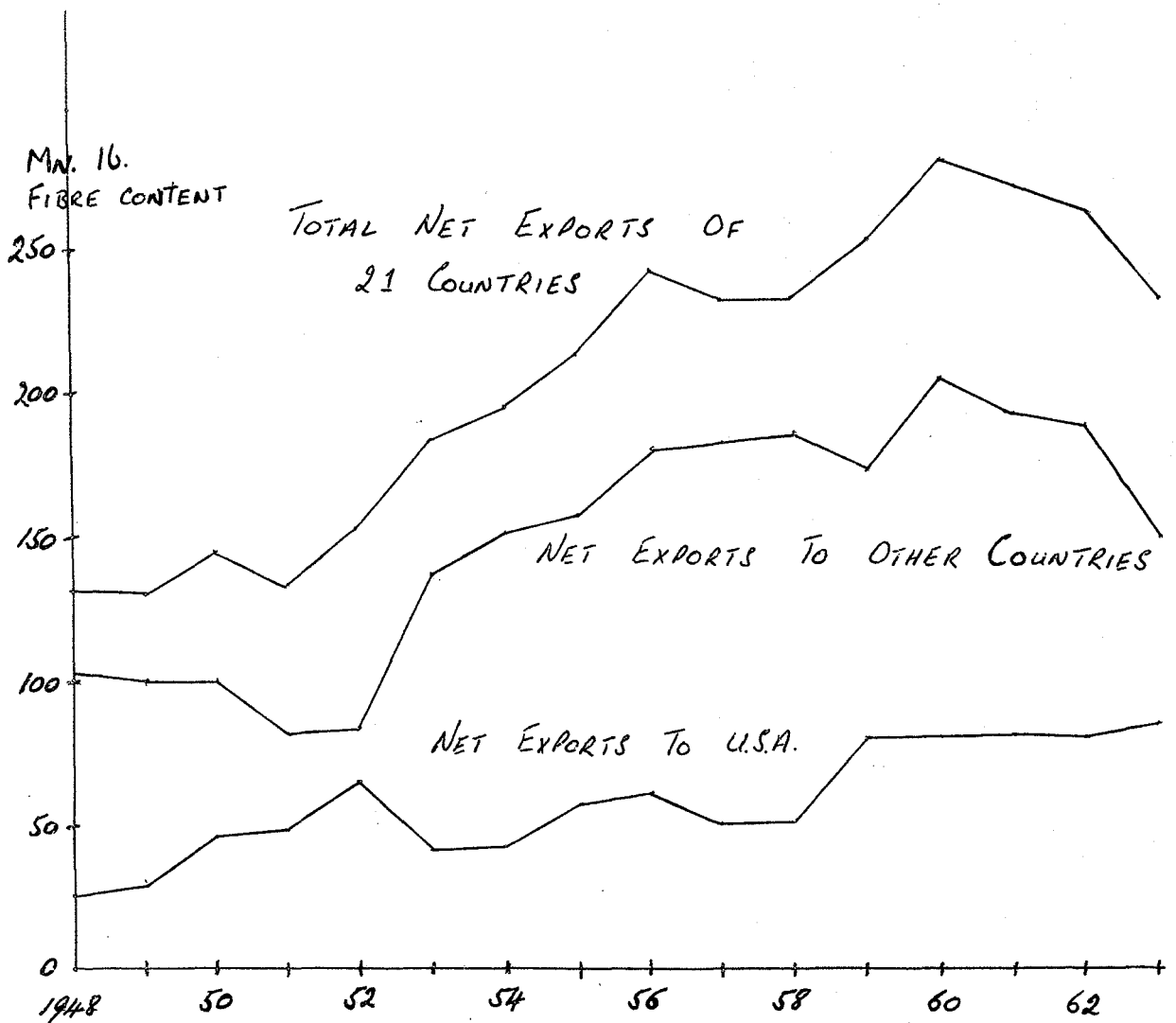


TABLE:6 NET TRADE IN WOOL TEXTILES (TOPS, YARNS, TISSUES, NOILS ETC.)
(m.lbs)

	1948	1949	1950	1951	1952	1953	1954	1955
	<u>(-) = Exports</u>							
Argentina	1.3	4.0	-7.3	-10.1	-10.6	-8.2	-6.4	-5.5
Australia	-8.8	-2.4	3.1	6.4	0.9	-27.7	-6.6	-1.3
New Zealand	8.8	9.0	11.7	12.8	8.4	5.1	8.1	9.9
Sth Africa	16.5	9.5	6.6	11.7	2.2	7.3	7.9	7.7
Uruguay	-1.3	-1.8	-6.0	-12.6	-20.9	-33.1	-27.8	-32.6
Total:5 Wool Producers	16.5	18.3	8.1	8.2	-20.2	-56.6	-24.8	-21.8
U.K.	-179.2	-188.4	-222.9	-171.5	-168.0	-191.1	-185.6	-193.8
Belgium	-19.2	-23.4	-16.1	-28.0	-16.5	-29.8	-25.1	-32.2
France	-66.8	-85.8	-103.2	-75.6	-74.5	-84.4	-93.5	-102.5
Italy	-11.5	-8.6	-25.1	-31.1	-13.9	-34.0	-46.3	-69.7
Japan	-1.8	-0.2	-3.3	3.3	9.0	18.5	-8.8	-11.4
Total:5 Wool Text.Exprs.	-278.5	-306.1	-370.6	-302.9	-263.9	-320.8	-359.3	-409.6
W.Germany	-4.6	13.9	36.6	23.4	34.0	45.6	48.3	66.8
Netherlands	17.0	26.5	37.7	14.1	8.6	19.4	24.5	27.1
Canada	39.7	31.7	34.2	32.0	24.3	37.0	26.7	30.9
Sweden	27.6	17.9	22.5	22.9	12.6	20.7	17.4	17.9
Total:4 Wool Text.Imprs.	79.7	90.0	131.0	92.4	79.5	122.7	116.9	142.7
Austria	-0.9	6.0	5.7	4.9	4.4	7.1	6.4	9.3
Denmark	11.5	15.7	21.4	12.3	13.9	16.5	16.3	14.3
Finland	6.8	11.7	13.2	13.2	9.9	11.2	15.0	17.9
Greece	3.5	6.8	7.5	5.3	6.6	12.6	6.6	6.4
Ireland	9.5	8.8	9.5	7.5	2.9	4.6	3.3	2.2
Norway	6.8	9.5	13.0	11.2	8.6	10.1	9.0	8.4
Switzerland	13.0	9.3	14.8	14.6	7.3	11.9	14.3	14.8
Total:7 Western Europe	50.3	67.7	85.1	69.0	53.6	74.1	71.0	73.2
Total: Net Exports of 21 Countries	-132.0	-130.1	-146.4	-133.3	-151.0	-180.6	-196.2	-215.5
Total Net Imports of USA	27.3	36.2	55.1	47.8	80.9	55.3	54.0	73.4
<u>Destination of Above Net Exports from 21 Countries</u>								
To U.S.A.	-25.1	-29.5	-45.0	-49.1	-66.5	-41.8	-43.4	-57.8
To Other	-106.9	-100.6	-101.4	-84.2	-84.5	-138.8	-152.8	-157.7
Total:	-132.0	-130.1	-146.4	-133.3	-151.0	-180.6	-196.2	-215.5

TABLE: 6 (Cont'd)

(-) = Exports

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Argentina	-11.2	-7.3	-9.3	-13.7	-6.8	-10.6	-13.7	
Australia	-14.3	-29.9	-19.4	-15.0	-14.3	-9.9	-17.0	
New Zealand	6.8	10.1	8.4	5.3	6.8	-6.8	-4.6	
Sth Africa	5.3	3.5	0.9	-4.6	-1.1	-0.9	-0.7	
Uruguay	-42.1	-21.8	-28.0	-32.2	-27.6	-31.5	-28.4	
Total:5 Wool Producers	-55.5	-45.4	-47.4	-60.2	-43.0	-46.1	-55.2	
U.K.	-203.3	-202.4	-188.1	-195.8	-207.5	-200.2	-182.1	
Belgium	-38.4	-36.6	-32.4	-46.1	-44.1	-50.5	-65.9	
France	-97.9	-108.7	-107.1	-129.2	-142.2	-139.4	-136.9	
Italy	-88.4	-106.5	-95.0	-79.6	-81.1	-113.8	-116.6	
Japan	-5.1	-20.0	-17.2	-30.1	-39.7	-25.4	-37.5	
Total:5 Wool Text.Exprs.	-433.1	-474.2	-439.8	-480.8	-514.6	-529.3	-539.0	
W.Germany	75.8	103.2	92.4	113.8	116.8	129.2	145.8	
Netherlands	36.2	34.6	25.4	32.8	26.0	30.2	33.7	
Canada	35.1	36.2	32.2	35.7	27.6	30.0	41.7	
Sweden	18.5	23.8	21.4	19.4	17.6	19.0	18.3	
Total:4 Wool Text.Imprs.	165.6	197.8	171.4	201.7	188.0	208.4	239.5	
Austria	9.5	11.5	10.6	15.4	16.5	18.7	15.9	
Denmark	14.8	16.5	15.4	15.9	15.9	18.1	20.7	
Finland	19.0	13.7	11.9	13.7	12.3	10.8	10.8	
Greece	5.3	8.8	11.0	10.1	12.3	16.3	15.0	
Ireland	2.4	0.7	2.4	2.4	4.2	3.3	4.6	
Norway	10.1	9.9	8.2	8.6	7.1	6.4	6.6	
Switzerland	18.3	22.7	16.5	19.0	17.2	19.2	16.5	
Total:7 West- ern Europe	79.4	83.8	76.1	85.1	85.6	92.8	90.2	
Total:Net Ex- ports of 21 Countries	-243.6	-238.0	-239.7	-254.2	-284.0	-274.2	-264.5	
Total Net Im- ports of USA	79.6	74.3	79.4	109.3	106.5	105.6	117.7	
<u>Destination of Above Net Exports from 21 Countries</u>								
To U.S.A.	-60.4	-50.2	-51.2	-79.4	-78.4	-79.7	-80.2	-84.9
To Other	-183.2	-187.8	-188.5	-174.8	-205.6	-194.5	-184.3	-150.0
Total:	-243.6	-238.0	-239.7	-254.2	-284.0	-274.2	-264.5	-234.9

VII. WOOL TEXTILES AVAILABLE FOR CONSUMPTION

After allowing for fibre content of net exports of wool textiles the balance represents the amount available for domestic consumption. The figures are given in Table 7 and graphed in Figure 7. The tendency towards cyclical fluctuations in textiles available does not necessarily indicate a similar cyclical fluctuation in retail demand since allowance should be made for fluctuations in wholesale and retail inventories on which there is no published data.

29.
FIGURE 7

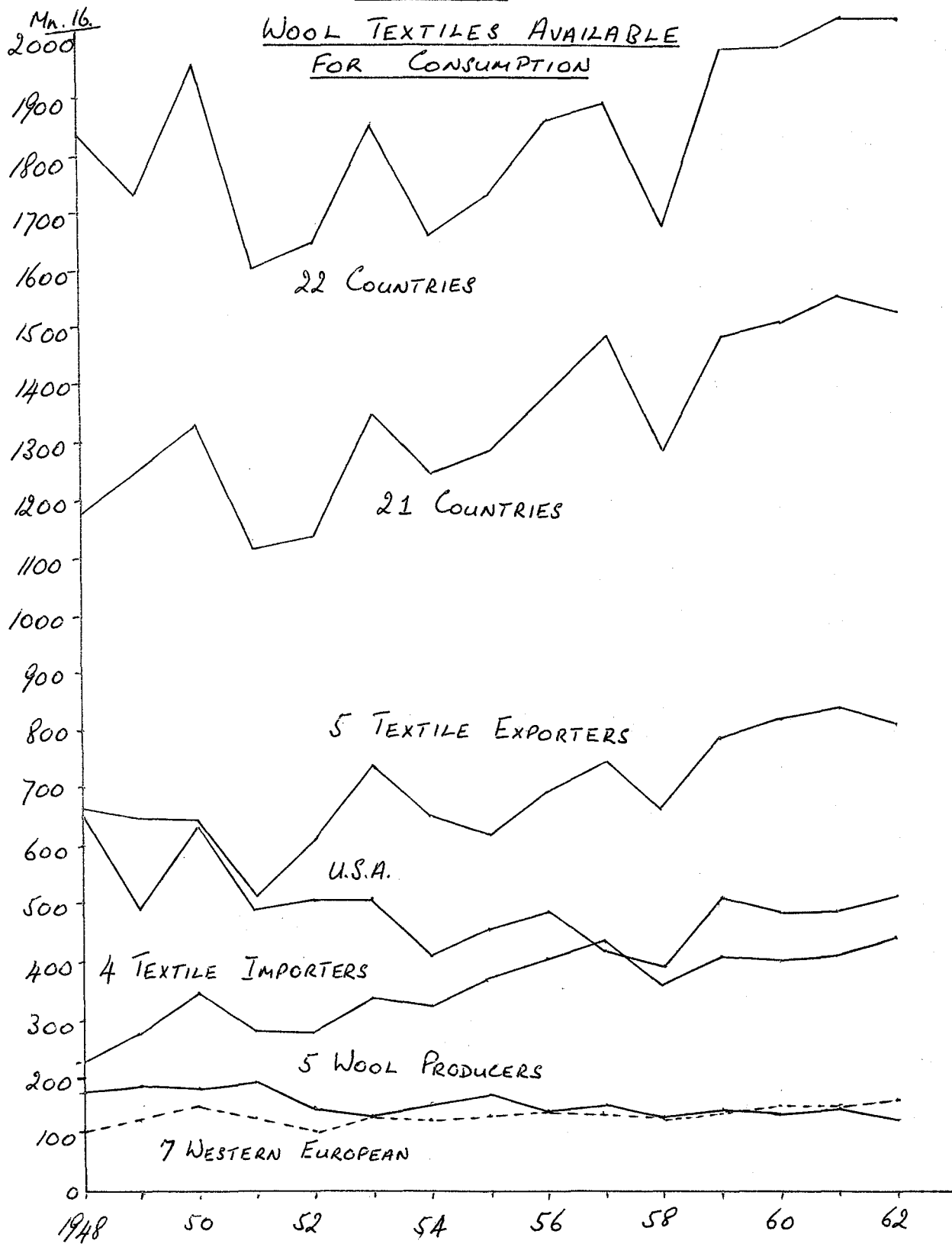


TABLE 7: WOOL TEXTILES AVAILABLE FOR CONSUMPTION (m.lbs)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
Argentina	61.3	74.1	77.8	80.9	63.5	64.8	54.7	62.4
Australia	64.6	64.8	61.5	61.3	37.9	26.2	49.4	54.7
New Zealand	18.5	18.1	21.4	21.6	15.9	13.9	17.6	18.5
South Africa	26.5	21.4	16.5	26.7	20.3	24.0	24.5	22.9
Uruguay	6.6	8.2	5.1	4.4	9.0	4.0	7.3	6.4
<u>Total: 5 Wool Producers</u>	177.5	186.6	182.3	194.9	146.6	132.9	153.5	164.9
U.K.	303.8	304.0	295.2	224.9	211.2	297.0	276.0	281.5
Belgium	47.4	47.2	63.3	33.7	40.8	40.1	38.1	32.6
France	188.7	176.6	151.0	121.9	139.3	166.0	162.9	143.1
Italy	124.6	110.5	101.0	65.9	111.1	97.7	72.3	43.7
Japan	6.4	12.6	39.0	67.0	108.2	143.7	101.2	115.1
<u>Total: 5 Wool Text. Export.</u>	670.9	650.9	649.5	513.4	610.6	744.5	650.5	616.0
W. Germany	42.3	104.9	164.2	140.7	165.6	199.3	200.0	235.0
Netherlands	56.4	66.8	74.7	37.5	34.4	43.7	49.4	53.1
Canada	79.1	65.5	66.1	60.8	53.1	63.7	46.7	52.7
Sweden	49.6	39.5	40.3	35.7	23.6	29.8	26.0	27.3
<u>Total: 4 Wool Text. Imps.</u>	227.4	276.7	345.3	274.7	276.7	336.5	322.1	368.1
Austria	5.1	15.0	15.7	14.8	13.2	17.9	18.7	21.2
Denmark	19.4	23.6	30.4	20.1	19.2	21.4	20.9	18.3
Finland	11.9	17.6	20.3	19.2	15.0	15.9	20.3	24.7
Greece	10.6	15.9	17.4	17.2	17.6	24.7	16.8	17.4
Ireland	14.6	13.2	13.9	11.0	6.4	11.7	10.4	9.7
Norway	17.9	20.1	24.0	20.7	16.1	18.1	16.5	15.7
Switzerland	29.1	22.3	30.9	27.6	17.2	23.8	24.3	24.7
<u>Total: 7 Western Europe</u>	108.6	127.7	152.6	130.6	104.7	133.5	127.9	131.7
<u>Total: 21 Countries</u>	1184.4	1241.9	1329.7	1113.6	1138.6	1347.4	1254.0	1280.7
U.S.A.	658.3	494.1	634.0	490.7	507.9	507.3	407.0	453.5
<u>Total: 22 Countries</u>	1842.7	1736.0	1963.7	1604.3	1646.5	1854.7	1661.0	1734.2

TABLE 7 (cont'd)

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Argentina	49.8	69.7	52.7	44.3	36.2	43.4	21.4	
Australia	50.7	39.0	43.7	58.0	59.7	55.1	56.0	
New Zealand	14.6	18.5	16.5	13.4	15.2	18.1	18.1	
South Africa	23.1	20.5	18.1	19.2	19.0	19.8	20.3	
Uruguay	4.9	4.2	4.0	8.8	8.4	12.6	10.6	
<u>Total:5 Wool Producers</u>	143.1	151.9	135.0	143.7	138.5	149.0	126.4	
U.K.	271.6	278.9	256.4	313.5	273.8	271.9	266.4	
Belgium	39.7	43.2	37.9	32.0	42.5	34.0	36.2	
France	178.4	201.7	159.0	137.6	137.6	159.6	151.9	
Italy	38.4	54.5	61.1	98.8	133.2	73.2	88.4	
Japan	165.6	168.2	144.2	200.8	230.8	299.9	260.0	
<u>Total:5 Wool Text.Exps.</u>	693.7	746.5	658.6	782.7	817.9	838.6	802.9	
W.Germany	252.2	284.2	231.3	263.7	268.3	278.9	293.7	
Netherlands	63.7	60.6	46.7	57.5	48.1	51.6	55.8	
Canada	57.3	54.2	48.5	55.8	55.1	48.5	60.6	
Sweden	27.1	32.0	31.1	29.3	29.1	29.8	28.0	
<u>Total:4 Wool Text.Imps.</u>	400.3	431.0	357.6	406.3	400.6	408.8	438.1	
Austria	23.4	25.1	20.7	25.8	27.1	30.0	29.5	
Denmark	18.7	20.9	19.6	20.3	19.8	22.3	25.8	
Finland	26.5	20.7	19.0	20.7	17.4	15.9	15.4	
Greece	15.2	18.7	20.9	20.1	22.3	26.2	24.9	
Ireland	9.9	9.3	11.5	11.0	13.9	13.0	14.6	
Norway	17.9	17.4	14.8	18.5	18.1	17.9	17.2	
Switzerland	30.2	34.6	26.5	30.0	27.1	29.1	30.4	
<u>Total:7 Western Europe</u>	141.8	146.7	133.0	146.4	145.7	154.4	157.8	
<u>Total: 21 Countries</u>	1378.9	1476.1	1284.2	1479.1	1502.7	1550.8	1525.2	
U.S.A.	483.7	413.4	385.4	503.3	479.9	484.7	510.7	
<u>Total: 22 Countries</u>	1862.6	1889.5	1669.6	1982.4	1982.6	2035.5	2035.9	

VIII. PER CAPITA WOOL TEXTILE AVAILABILITY

The figures of Table 7, after division by population in each country, give wool textiles available for consumption per capita given in Table 8 and graphed in Figure 8.

Of salient importance here is the fact that while most groups of countries show a slowly rising trend in per capita availability; the trend in the five wool producing countries has been consistently downwards with much the same pattern as that shown in the United States - possibly due to the high levels of protection afforded wool textile industries and therefore higher prices charged for wool textiles in these countries.

FIGURE 8
WOOL TEXTILES AVAILABLE PER CAPITA

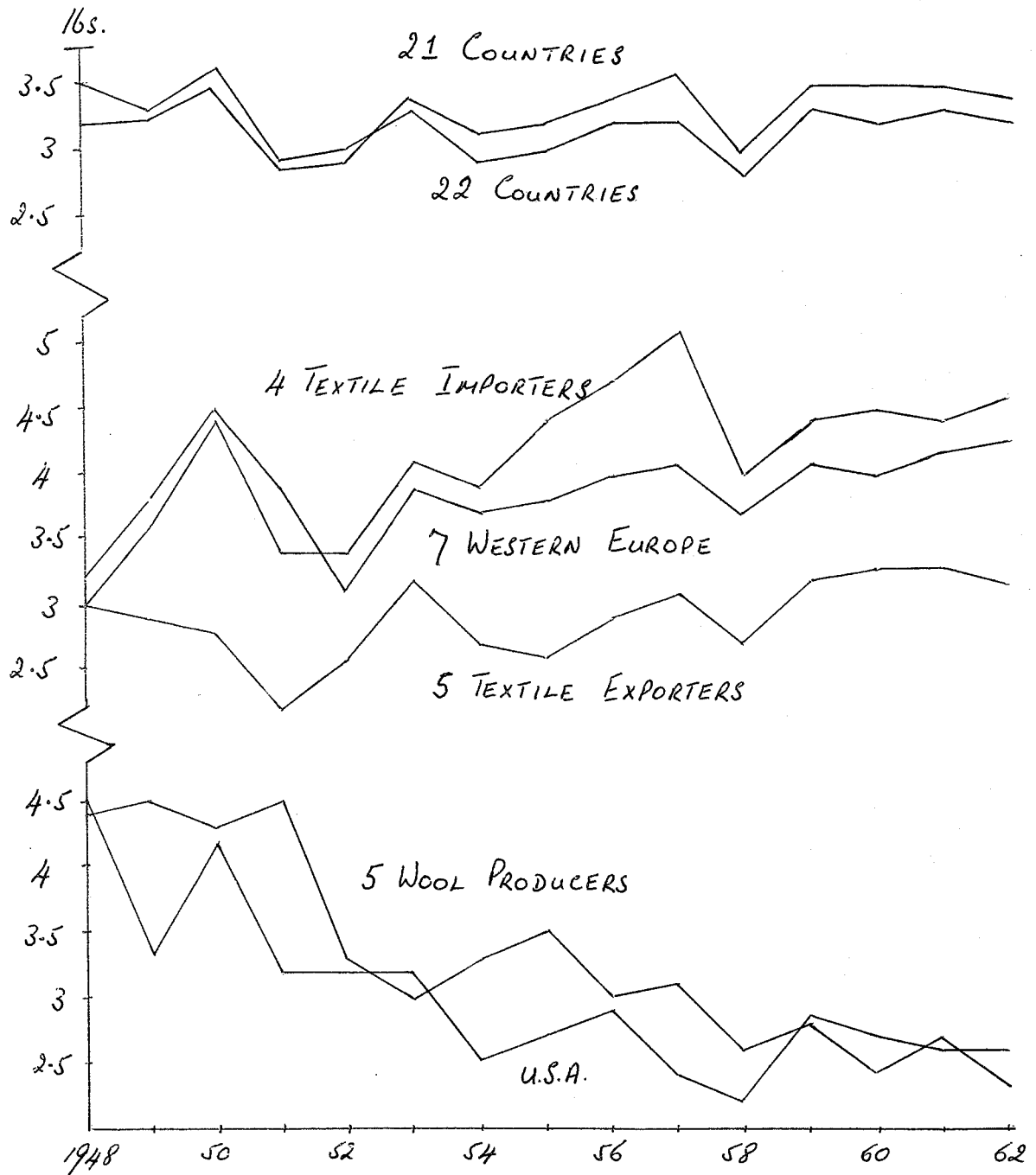


TABLE 8: PER CAPITA WOOL TEXTILES AVAILABLE FOR CONSUMPTION (lbs)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>
Argentina	3.8	4.4	4.5	4.6	3.5	3.5	2.9	3.3	2.6	3.5	2.6	2.2	1.7	2.0	1.5
Australia	8.4	8.2	7.5	7.3	4.4	3.0	5.5	5.9	5.4	4.1	4.5	5.7	5.8	5.5	5.3
New Zealand	10.3	9.5	11.3	11.4	8.0	7.0	8.4	8.8	6.6	8.4	7.2	5.8	6.3	6.8	7.3
South Africa	2.2	1.8	1.3	2.1	1.6	1.8	1.8	1.7	1.7	1.4	1.3	1.3	1.2	1.1	1.1
Uruguay	2.9	3.4	2.1	1.8	3.6	1.6	2.8	2.5	1.8	1.6	1.5	3.3	3.0	3.5	3.7
<u>Total:</u>															
5 Wool Producers	4.4	4.5	4.3	4.5	3.3	3.0	3.3	3.5	3.0	3.1	2.6	2.8	2.4	2.7	2.3
U.K.	6.1	6.0	5.9	4.5	4.2	5.9	5.4	5.5	5.3	5.4	5.0	6.0	5.2	5.3	5.1
Belgium	5.5	5.5	7.4	3.9	4.7	4.6	4.3	3.7	4.5	4.8	4.2	3.5	4.6	4.0	4.2
France	4.6	4.3	3.6	2.9	3.3	3.9	3.8	3.3	4.1	4.6	3.6	3.1	3.0	3.3	3.5
Italy	2.7	2.4	2.2	1.4	2.3	2.1	1.5	0.9	0.8	1.1	1.3	2.0	2.7	1.8	1.8
Japan	0.1	0.2	0.5	0.8	1.3	1.7	1.2	1.3	1.9	1.9	1.6	2.2	2.5	2.6	2.9
<u>Total: 5 Wool</u>															
Textile Exporters	3.0	2.9	2.8	2.2	2.6	3.2	2.7	2.6	2.9	3.1	2.7	3.2	3.3	3.3	3.2
W. Germany	0.9	2.2	3.4	2.9	3.4	4.1	4.0	4.7	5.0	5.5	4.4	5.0	5.0	4.9	5.1
Netherlands	5.8	6.7	7.4	3.6	3.3	4.2	4.7	4.9	5.8	5.5	4.2	5.1	4.2	4.6	4.4
Canada	6.0	4.9	4.8	4.3	3.7	4.3	3.1	3.4	3.6	3.3	2.9	3.2	3.1	2.9	2.9
Sweden	7.2	5.6	5.8	5.0	3.3	4.1	3.6	3.7	3.7	4.3	4.2	3.9	3.9	4.0	3.7
<u>Total: 4 Wool</u>															
Textile Importers	3.0	3.6	4.4	3.4	3.4	4.1	3.9	4.4	4.7	5.1	4.0	4.4	4.5	4.4	4.6
Austria	0.7	1.8	2.2	2.2	2.0	2.4	2.9	2.9	3.3	3.3	3.3	3.5	3.8	4.0	4.0
Denmark	4.6	6.0	5.7	5.5	4.6	4.6	4.6	4.4	4.2	4.4	4.4	4.2	4.3	4.6	4.9
Finland	3.1	4.2	4.9	4.6	4.0	4.2	4.9	5.7	5.5	5.5	4.6	4.4	3.9	4.0	3.5
Greece	1.4	2.0	2.2	2.2	2.6	2.4	2.4	2.0	2.2	2.0	2.4	2.6	2.7	2.6	2.9
Ireland	4.9	4.6	4.2	3.5	3.3	3.3	3.7	3.3	3.3	3.5	3.7	4.4	4.9	4.4	4.9
Norway	5.6	6.4	6.6	6.2	5.5	5.1	4.9	4.9	4.9	5.1	4.9	4.4	5.0	5.1	4.9
Switzerland	6.3	6.0	5.7	5.3	4.9	4.4	4.9	5.3	6.0	6.0	5.7	5.5	5.1	5.3	5.3
<u>Total: 7 Western</u>															
Europe	3.2	3.8	4.5	3.9	3.1	3.9	3.7	3.8	4.0	4.1	3.7	4.1	4.0	4.2	4.3
<u>Total:</u>															
21 Countries	3.2	3.3	3.5	2.9	2.9	3.4	3.1	3.2	3.4	3.6	3.0	3.5	3.5	3.5	3.4
U.S.A.	4.5	3.3	4.2	3.2	3.2	3.2	2.5	2.7	2.9	2.4	2.2	2.8	2.7	2.6	2.6
<u>Total: 22 Countries</u>															
	3.5	3.3	3.6	2.9	3.0	3.3	2.9	3.0	3.2	3.2	2.8	3.3	3.2	3.3	3.2

35.

IX. CHANGES IN THE SOURCES AND USES OF WOOL
1962 COMPARED WITH 1952

We can broadly summarise the trends shown in the preceding tables and charts by comparing the situation in 1962 with that 10 years' earlier in the following table referring to the 21 country group.

<u>Sources of Wool Supplies</u>	<u>1952</u>	<u>1962</u>	<u>Change in</u> <u>10 years</u> mn.lb. clean
Wool from Production, Imports and supply stocks	1441	2132	691
Wool withdrawn from Commercial stocks and "errors"	226	113	-113
<u>Total Wool Supplies</u>	<u>1667</u>	<u>2245</u>	<u>578</u>
<u>Uses of Wool Supplies</u>			
Consumption of wool textiles in 21 country group	1139	1525	386
Exports of wool to U.S.A.	301	236	-65
Exports of wool to "Other Countries"	75	220	145
Exports of wool textiles to U.S.A.	67	80	13
Exports of wool textiles to "Other Countries"	85	184	99
<u>Total Wool Usage</u>	<u>1667</u>	<u>2245</u>	<u>578</u>

TABLE: 9 RAW WOOL IMPORTS FROM "OTHER COUNTRIES" BY
BY SOURCE AND DESTINATION (1963) (m.lbs clean)

Destination Source						4	7
	U.K.	Belgium	France	Italy	Japan	Textile Importers	Western Europe
Albania	-	-	-	0.1	-	-	-
Czechoslovakia	0.1	0.2	-	-	-	0.5	-
Hungary	-	-	-	-	-	-	0.4
Rumania	0.8	-	0.1	-	-	0.7	-
Afghanistan	1.6	-	-	-	-	-	-
Brazil	-	-	-	-	-	0.1	-
Br.America	2.8	-	0.5	0.1	-	0.2	0.3
Br.E.Africa	1.8	-	0.1	-	-	-	-
Chile	5.3	-	1.4	0.1	-	1.4	0.3
China Mainland	3.2	2.0	0.3	-	-	0.5	0.1
Cyprus	-	-	-	-	-	-	-
Iceland	-	-	-	-	-	0.1	0.2
India	5.7	0.5	1.0	-	-	0.9	0.1
Iran	-	-	-	-	-	-	-
Iraq	0.1	-	0.1	-	-	-	-
Lebanon	0.4	-	0.1	0.3	-	-	-
Libya	0.2	-	0.1	0.3	-	-	-
Morocco	0.3	0.1	0.8	0.3	-	0.2	-
Pakistan	9.1	0.1	0.5	-	-	0.2	0.1
Peru	2.0	-	0.6	0.3	-	0.6	-
Portugal	0.3	-	-	0.1	-	0.3	-
Spain	1.5	0.1	0.1	-	-	0.4	-
Syria	0.1	-	-	0.5	-	0.1	-
Thailand	-	1.0	-	-	-	-	-
Turkey	-	-	0.1	-	-	-	-
Yugoslavia	0.4	-	-	0.1	-	0.1	-
Others	0.5	0.2	0.2	0.3	11.0	-	-
TOTAL	36.2	4.2	6.0	2.5	11.0	6.3	1.5

Source: O.E.C.D. Trade Statistics

TABLE 10: RAW WOOL EXPORTS TO "OTHER COUNTRIES" BY SOURCE AND DESTINATION (1963) (m.lbs)

Source						5	4	7
Destination	Argentina	Australia	New Zealand	South Africa	Uruguay	Textile Exporters	Textile Importers	Western Europe
Czechoslovakia	3.7	9.5	0.6	1.3	2.4	2.26	0.77	0.84
Bulgaria	-	-	-	-	-	-	-	-
E.Germany	-	0.5	0.4	-	0.2	2.63	0.02	-
Hungary	-	-	0.1	-	0.6	0.85	0.01	0.01
Poland	10.1	12.7	2.9	0.6	1.4	0.06	-	0.41
Rumania	-	-	-	-	-	-	-	-
U.S.S.R.	0.7	29.1	-	-	7.0	-	-	0.08
Albania	-	-	-	-	-	-	-	-
Afghanistan	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	0.31	-	-
Brazil	0.4	-	-	-	-	-	-	-
Br.America	-	-	-	-	-	-	-	-
Br.E.Africa	-	-	-	-	-	-	-	-
Chile	0.6	-	-	-	-	-	-	-
China Mainland	-	20.6	3.0	-	0.8	-	-	-
Colombia	-	-	-	-	1.9	0.19	0.01	-
Cyprus	-	-	-	-	-	-	-	-
Egypt	-	-	0.7	-	-	0.38	-	-
India	-	8.5	2.8	-	0.3	-	-	-
Iran	-	-	-	-	-	0.08	-	-
Iraq	-	-	-	-	-	-	-	-
Iceland	-	-	-	-	-	-	-	-
Lebanon	-	-	-	-	-	0.18	-	-
Mexico	-	8.8	0.4	-	-	0.02	-	-
Morocco	-	-	0.1	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-

TABLE 10: (Cont'd)

Portugal	0.1	1.2	2.5	1.4	-	0.19	0.01	-
Spain	-	-	2.4	1.7	1.4	0.82	0.05	-
Syria	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	-	-	-
Turkey	-	16.0	-	1.6	2.2	0.55	0.03	-
Yugoslavia	1.9	8.9	-	0.2	0.1	0.21	0.02	-
Libya	-	-	-	-	-	-	-	-
Other	80.0	20.0	21.0	1.0	1.1	0.96	-	0.01
<hr/>								
TOTAL	25.5	135.8	37.2	7.8	19.4	9.69	0.92	1.35
<hr/>								

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Source: O.E.C.D. Trade Statistics

TABLE 11: DESTINATION OF NET EXPORTS OF WOOL TEXTILES
TO "OTHER COUNTRIES" AS GIVEN IN TOTAL IN
TABLE 6.

<u>Country</u>	<u>mn.lb.</u>	<u>Country</u>	<u>mn.lb.</u>
Iceland	0.66	Malaya	3.30
Malta	0.22	Philippines	0.66
Spain	1.10	Sarawak	0.44
Yugoslavia	7.70	Thailand	0.88
Bolivia	0.44	Vietnam	0.66
Chile	0.66	Algeria	2.42
Colombia	1.98	Cameroon	0.22
Costa Rica	0.66	Congo	3.74
Cuba	0.22	Ethiopia	0.88
Ecuador	0.66	Gambia	0.22
El Salvador	0.22	Ghana	0.88
Guatemala	1.32	Ivory Coast	0.22
Mexico	0.44	Kenya	1.10
Netherland Antilles	0.22	Madagascar	0.44
Nicaragua	0.22	Mauritius	0.22
Panama	0.22	Morocco	1.76
Paraguay	0.44	Nigeria	2.64
Peru	0.66	Rhodesia	1.98
Venezuela	3.52	Sierra Leone	0.22
Br. West Indies	1.32	Tanganyika	0.22
Cyprus	0.88	Tunisia	1.98
Iraq	2.86	Uganda	0.88
Israel	5.06		
Jordan	2.42	Hungary	0.88
Lebanon	9.02	Poland	1.10
Libya	0.44	U.S.S.R.	22.88
Sudan	0.88		
Syria	5.50		
Un. Arab Republic	5.94	Total	<u>120.34</u>
Burma	0.88		
Cambodia	0.22		
Ceylon	0.22		
Taiwan	2.64		
India	7.48		
Indonesia	0.22		
Korea	1.98		

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