Asbestos

Table 1.—Salient asbestos statistics

	1957–61 (average)	1962	1963	1964	1965	1966
United States:						
Production (shipments) short tons	46,226	53,190	66,396	101,092	118,275	125,928
Value thousands	$4,603	$4,677	$5,108	$8,143	$10,162	$11,056
Exports and reexports (unmanufactured) short tons	3,941	2,949	10,044	27,147	43,126	46,996
Value thousands	$637	$598	$1,304	$3,199	$5,294	$5,763
Exports and reexports of asbestos products (value) thousands	$13,781	$14,274	$16,267	$16,288	r $19,139	$21,963
Imports for consumption unmanufactured) short tons	665,227	675,953	667,860	739,361	719,559	726,459
Value thousands	$61,142	$64,112	$61,739	$72,973	$70,457	$73,100
Consumption, apparent [1] short tons	707,512	726,194	724,212	813,306	794,708	805,391
World: Production do	2,321,000	2,655,000	2,760,000	3,050,000	3,140,000	p 3,350,000

p Preliminary.
r Revised.
[1] Measured by quantity produced, plus imports, minus exports.

Table 2.—U.S. exports and reexports of asbestos and asbestos products

Product	1965		1966	
	Quantity	Value (thousands)	Quantity	Value (thousands)
Exports:				
Unmanufactured:				
Crude and spinning fibers short tons	1,251	$326	1,455	$325
Nonspinning fibers do	24,221	3,622	28,017	3,973
Waste and refuse do	17,523	1,323	17,218	1,414
Total unmanufactured do	42,995	5,271	46,690	5,712
Products:				
Gaskets and packing do	1,732	4,528	2,678	5,261
Brake linings do	3,065	4,728	3,630	5,236
Clutch facings, including linings number	2,020,864	1,691	2,246,986	1,897
Textiles and yarn short tons	794	1,067	900	1,326
Shingles and clapboard do	5,465	1,096	10,010	1,797
Articles of asbestos-cement do	6,101	1,588	4,742	1,332
Manufactures, n.e.c.	NA	4,389	NA	5,058
Total products	---	19,087	---	21,907
Reexports:				
Unmanufactured:				
Crude and spinning fibers short tons	50	10	176	30
Nonspinning fibers do	81	13	130	21
Total unmanufactured do	131	23	306	51
Products:				
Gaskets and packing do	(1)	1	(1)	1
Brake linings do	1	2	1	2
Clutch facings, including linings number	5,000	4	117	1
Shingles and clapboard short tons	113	37	231	41
Articles of asbestos-cement do	(1)	(1)	---	---
Manufactures, n.e.c.	NA	8	NA	11
Total products	---	52	---	56

NA Not available.
[1] Less than ½ unit.

Minerals Yearbook: Asbestos Chapters, 1966
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Table 3.—U.S. imports for consumption of asbestos (unmanufactured), by classes and countries

Year and country	Crude (including blue fiber)		Textile fiber		All other		Total	
	Short tons	Value (thousands)	Short tons	Value (thousands)	Short tons	Value (thousands)	Short tons	Value (thousands)
1965:								
Australia	260	$50	------	------	------	------	260	$50
Bolivia	7	5	------	------	------	------	7	5
Canada	4,210	681	17,105	$6,139	636,734	$53,560	658,049	60,380
Chile	2	2	------	------	------	------	2	2
Finland	50	5	------	------	2,475	151	2,525	156
Italy	------	------	------	------	2	2	2	2
Mozambique	------	------	30	12	r 29	r 18	r 59	r 30
Portugal	959	33	------	------	45	4	1,004	37
Rhodesia and Malawi [1,2]	6,482	1,111	223	91	r 5,504	r 1,120	r 12,209	r 2,322
South Africa, Republic of [2]	40,011	7,125	11	3	911	182	40,933	7,310
U.S.S.R.	------	------	------	------	33	4	33	4
Yugoslavia	3,461	123	------	------	1,015	36	4,476	159
Total	55,442	9,135	17,369	6,245	646,748	55,077	719,559	70,457
1966:								
Australia	300	61	------	------	------	------	300	61
Bolivia	3	2	------	------	------	------	3	2
Canada	151	59	16,309	6,132	637,648	55,248	654,108	61,439
Finland	98	4	------	------	2,465	139	2,563	143
India	2	([3])	------	------	------	------	2	([3])
Italy	------	------	------	------	4	5	4	5
Mozambique	308	57	25	21	122	25	455	103
Portugal	------	------	------	------	10	1	10	1
Rhodesia	445	69	------	------	135	69	580	138
South Africa, Republic of [2]	56,929	9,844	530	131	5,111	801	62,570	10,776
U.S.S.R.	------	------	------	------	98	20	98	20
Yugoslavia	3,629	153	813	35	------	------	4,442	188
Zambia	1,324	224	------	------	------	------	1,324	224
Total	63,189	10,473	17,677	6,319	645,593	56,308	726,459	73,106

r Revised.
[1] All believed to be from Southern Rhodesia.
[2] Data reported by the Bureau of the Census have been adjusted by the Bureau of Mines.
[3] Less than ½ unit.

Table 4.—U.S. imports for consumption of asbestos, from specified countries, by grades

(Short tons)

Grade	1965			1966		
	Canada	Southern Rhodesia [1,2]	Republic of South Africa [2]	Canada	Southern Rhodesia	Republic of South Africa [2]
Chrysotile:						
Crudes	4,210	6,482	1,804	151	445	6,000
Spinning and textile	17,105	223	11	16,309	---	530
All other	636,734	r 5,504	911	637,648	135	5,111
Crocidolite (blue)	---	---	21,165	---	---	26,995
Amosite	---	---	17,042	---	---	23,934
Total	658,049	r 12,209	40,933	654,108	580	62,570

r Revised.
[1] Reported by the Bureau of the Census as Rhodesia and Malawi.
[2] Data reported by the Bureau of the Census have been adjusted by the Bureau of Mines.

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Table 5.—World production of asbestos, by countries [1,2]

(Short tons)

Country	1962	1963	1964	1965	1966 [p 3]
North America:					
Canada (sales)	1,215,814	1,275,530	1,420,769	1,387,555	1,479,281
United States (shipments)	53,190	66,396	101,092	118,275	125,928
South America:					
Argentina	203	365	542	r 243	e 240
Bolivia (exports)	56	10	7	3	4
Brazil	e 4,900	[4] 1,440	e r [4] 1,430	[4] 1,204	[4] 1,820
Europe:					
Austria	503	638	--------	--------	--------
Bulgaria	r 1,323	r 1,323	r 1,433	r 1,433	e 1,430
Finland [5]	10,869	r 10,201	11,611	[6] 13,307	13,250
France	r 28,034	r 26,094	r 24,289	r 7,506	e 7,720
Greece	--------	74	e 65	e 85	e 85
Italy	60,860	63,016	75,573	79,214	90,464
Portugal	--------	29	--------	r 53	10
U.S.S.R.	e r 710,000	e r 755,000	r 810,000	e r 865,000	e 925,000
Yugoslavia	7,401	9,074	9,280	10,585	8,411
Africa:					
Botswana	2,375	2,368	2,161	888	e 880
Kenya	212	78	204	136	73
Mozambique	370	--------	--------	--------	--------
Rhodesia, Southern	r 142,195	r 142,254	153,450	r 176,149	e 175,000
South Africa, Republic of	221,302	205,744	215,592	240,752	276,597
Swaziland	32,830	33,350	39,862	40,884	36,142
United Arab Republic (Egypt)	606	192	1,739	3,225	[7] 2,057
Asia:					
China e	100,000	110,000	130,000	140,000	140,000
Cyprus	22,391	19,962	13,755	r 17,622	24,449
India	1,865	r 3,038	r 3,710	4,989	7,646
Japan	15,407	18,210	17,979	r 16,451	17,067
Korea, South	1,333	2,120	1,402	r 1,710	687
Philippines	1,037	421	586	r --------	--------
Taiwan	525	604	526	883	721
Turkey	709	408	1,291	1,376	1,258
Oceania:					
Australia	18,416	13,374	13,545	11,647	13,472
New Zealand	457	439	--------	--------	--------
World total e	r 2,655,000	r 2,760,000	r 3,050,000	r 3,140,000	3,350,000

e Estimate. p Preliminary. r Revised.

[1] Asbestos also is produced in Czechoslovakia, Eritrea, Malagasy, North Korea, and Rumania. No estimates for these countries are included in the total, because production is believed to be negligible.

[2] Data do not add to totals shown because of rounding where estimated figures are included in the detail.

[3] Compiled from data available May 1967.

[4] Bahia only.

[5] Includes asbestos flour.

[6] Data represent fiber.

[7] Includes vermiculite.

Table 6.—Canada: Shipments of asbestos, by grades

(Short tons)

Grade	1962	1963 r	1964	1965	1966
Quebec:					
Crude No. 1, 2, and other	205	217	218	(1)	(1)
Milled group:					
3 (spinning)	30,374	28,987	31,376	21,356	28,716
4 (shingle)	355,121	380,900	319,629	322,772	371,837
5 (paper)	161,952	169,198	188,672	168,759	190,278
6 (stucco)	209,572	234,371	232,382	208,682	229,426
7 (refuse)	451,521	453,821	507,003	506,497	512,030
8 (sand)	7,069	8,036	5,602	6,088	8,706
Newfoundland, Ontario, and British Columbia	(2)	(2)	r 135,887	153,401	138,288
Total all grades	1,215,814	1,275,530	r 1,420,769	1,387,555	1,479,281

r Revised.

[1] Included with group 3.

[2] Included with Quebec.

Source: Dominion Bureau of Statistics.

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Table 7.—Republic of South Africa: Asbestos production, by varieties and sources
(Short tons)

Variety and source	1962	1963	1964	1965	1966
Amosite (Transvaal)	74,883	77,618	77,276	80,735	95,937
Chrysotile (Transvaal)	29,993	28,928	35,921	38,895	36,782
Blue (Transvaal)	14,296	11,205	10,304	8,793	8,178
Blue (Cape)	102,034	87,965	92,091	112,329	135,700
Tremolite (Transvaal)	96	28	------	------	------
Total	221,302	205,744	215,592	240,752	276,597

Source: Quarterly Information Circular for the Republic of South Africa and the Territory of South West Africa.

Table 8.—Republic of South Africa: Asbestos exports by varieties and sources
(Short tons)

Variety and source	1962	1963	1964	1965	1966
Amosite (Transvaal)	69,659	72,899	81,763	75,981	85,881
Chrysotile (Transvaal)	27,538	16,109	28,573	25,299	25,847
Blue (Transvaal)	11,867	9,309	10,709	10,075	8,211
Blue (Cape)	75,106	85,535	97,135	98,217	114,601
Tremolite (Transvaal)	------	9	------	------	------
Total	184,170	183,861	218,180	209,572	234,540

Source: Quarterly Information Circular for the Republic of South Africa and the Territory of South West Africa.

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