

IMPERIAL INSTITUTE

THE MINERAL INDUSTRY
of the British Empire and
Foreign Countries

STATISTICAL SUMMARY

(PRODUCTION, IMPORTS AND EXPORTS)

1938-1944

MINERAL PRODUCTION IN THE
OVERSEAS OF THE BRITISH EMPIRE,
IMPORTS AND EXPORTS BUILDING,
LONDON, S.W.7.



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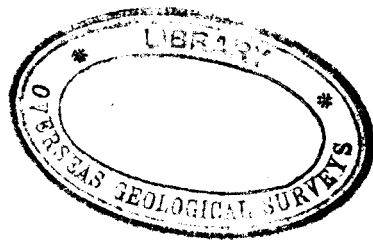
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IMPERIAL INSTITUTE

The Imperial Institute was established to promote (a) the industrial utilisation of the raw materials of all countries of the Empire and (b) a better knowledge and understanding of life in the Overseas Empire.

THE SCIENTIFIC AND TECHNICAL WORK OF THE INSTITUTE is carried out by three principal Departments, viz., the Plant and Animal Products Department, the Mineral Resources Department and the Rubber Research Department (Ceylon and Malaya). The research work of the Rubber Department is controlled by its own London Advisory Committee.

Intelligence.—Special sections deal with enquiries relating to the sources, production, uses and marketing of raw materials, and with the collection and dissemination of general and statistical information concerning them.

Investigations.—The Laboratories of the Institute are specially equipped for the chemical and technical examination of raw materials of all kinds with a view to determining their possible uses and value. Full reports are furnished on the composition, commercial utilisation and value of materials submitted.

Advisory Councils and Consultative Committees.—A number of technical committees, consisting of authorities on various groups of raw materials and acting under two Advisory Councils, co-operate in the work of the Plant and Animal Products Department and the Mineral Resources Department, and close touch is also maintained with producers, brokers, merchants and users. Valuable help can thus be given to persons interested in the development of Empire raw materials.

Publications.—Numerous publications of an authoritative character, including the quarterly Bulletin, are issued containing information about raw materials and related industries.

Library.—The Library of the Institute contains a large collection of works of reference relating to raw materials and their uses, and is regularly supplied with the more important official publications of all countries of the Empire and of many foreign countries and with over 800 technical and scientific periodicals. The Library is open to enquirers from 10 a.m. to 5 p.m. on weekdays (Saturdays 10 a.m. to 1 p.m.).

THE EDUCATIONAL WORK OF THE INSTITUTE is controlled by the Secretariat, in conjunction with the Galleries staff and the Central Film Library.

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Cinema.—Films of the British Empire are shown in the Cinema daily from 3 p.m. to 3.45 p.m. Saturdays at 2.30 p.m. and 3.30 p.m.

Central Film Library.—The Central Film Library contains in its Empire Section many films depicting the Empire both Home and Overseas. The films are available, as are those of the Central Office of Information, for loan to schools and other approved bodies in this country without charge other than the cost of return carriage.

Other aids to Visual Knowledge of the Empire.—The Institute maintains a library of over 20,000 lantern slides illustrating the life and scenery of all countries of the Empire for loan to schools, etc. Film strips, picture postcards, posters and leaflets illustrating Empire scenes and industries, suitable for school use, are available.

Empire Lectures.—The Institute operates a scheme whereby experienced lecturers with personal knowledge of the Overseas Empire are available for talks to schools. A small inclusive charge is made, but, in many cases, this is defrayed by the responsible Education Authority.

School Specimens.—Samples of raw materials of commerce, of Empire origin, which may not be readily available elsewhere, are made available by the Imperial Institute for school demonstration purposes.

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INTRODUCTORY NOTE

Before the war the Statistical Summary was published annually covering statistics for the previous three years, the last issue being that for the years 1936 to 1938. This present volume gives the year 1938 in order that the years covered by the war up to 1944 may be compared with a normal pre-war year.

Some of the trade statistics for European countries are, however, not strictly comparable owing to the "annexation" of certain territories by Germany, e.g., the Customs barriers of Germany were extended between 1938 and 1940 to include Sudetenland, Danzig and other parts of Poland, Alsace-Lorraine, Luxemburg, Bohemia and Moravia.

Figures for the Baltic States of Estonia, Latvia and Lithuania are not available after 1938 owing to their incorporation into the U.S.S.R.

Trade statistics for Japan as published in the official returns do not include trade between that country and the rest of the Japanese Empire. Where information has been obtained from other sources such as B.I.O.S. reports, footnotes have been added to the effect that figures do, in fact, include trade with all parts. Trade statistics for Korea and Formosa include the trade with all other parts of the Japanese Empire.

Statistics for British India relate to the sea-borne trade only except where otherwise stated.

Except where otherwise stated the trade figures are intended to represent imports for home consumption and exports of domestic produce. In the case of foreign countries, however, many countries include a certain amount of "nationalised" goods, i.e., goods originally imported, but which, if dutiable, have been charged with duty and subsequently re-exported. Goods imported for "improvement" and re-exported after "improvement" are also generally included.

Materials imported or exported on government account have been included as far as possible.

The units of quantity adopted are the cwt. of 112 lb. (avdp.); ton of 2,240 lb. (avdp.); imperial gallon and metric carat. For precious metals the troy ounce of 480 grains is used.

Further particulars relating to the various minerals and metals referred to in this summary will be found in the monographs published by the Mineral Resources Department of the Imperial Institute (see lists at the end of this volume). These monographs contain much information which has a bearing on the statistical data recorded in this volume.

NOTE:—For further particulars received since going to press see Addenda on page 378 of this volume.

ABRASIVES*

PRODUCTION OF NATURAL ABRASIVES

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Nyasaland—							
Corundum	—	—	—	—	81	177	245
Southern Rhodesia—							
Corundum	100	68	88	31	73	43	—
Tanganyika Territory—							
Corundum	—	—	—	—	—	6	—
Union of South Africa—							
Corundum	1,383	2,338	3,760	6,022	6,617	4,203	3,480
Garnet	(a)	(a)	(a)	179	707	512	319
Canada—							
Corundum (Shipments)	—	—	—	—	—	—	154
Grindstones	246	254	259	152	179	145	201
Sharpening stones ..	19	18	46	16	14	2	—
Cyprus—							
Pumice	74	(a)	(a)	(a)	(a)	(a)	(a)
India—							
Corundum	3	(15 cwt.)	(40 lb.)	55	133	108	343
Garnet sand	120	6	—	—	—	—	23
Australia—							
Emery	—	—	—	—	113	—	—
New Zealand—							
Pumice (b)	3,046	3,680	3,166	3,160	3,085	3,422	2,931
FOREIGN COUNTRIES							
Belgium—							
Grindstones (number) ..	71,580	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Pumice	(a)	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Tripoli	100						
Millstones	5,500						
Sharpening stones ..	950						
Greece—							
Emery	3,030	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Pumice	49,506						
Italy—							
Pumice	124,443	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Millstones	274						
Sharpening stones ..	8,036						
Whetstones	609						
Norway (exports)—							
Millstones, grindstones, etc.	697	352	256	334	499	510	463
Portugal—							
Tripoli	829	355	709	2,869	972	477	159
Roumania—							
Millstones (number) ..	16	(a)	(a)	(a)	(a)	(a)	(a)
Spain—							
Tripoli	721	806	1,530	2,591	(a)	(a)	(a)
Sweden—							
Millstones, etc.	49	30	12	6	10	111	94
Grindstones and whet- stones	2,153	1,894	1,584	1,383	2,073	2,057	1,127
Yugoslavia—							
Millstones	1,550	1,148	1,681	(a)	(a)	(a)	(a)
Egypt—							
Pumice	1,944	1,624	813	197	250	290	—

* For "Diamond Bort and Dust" see "Diamonds" (page 109).

(a) Information not available.

(b) From quarries controlled under the Stone Quarries Act.

PRODUCTION OF NATURAL ABRASIVES (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Madagascar—							
Corundum	34	5	—	—	—	14	69
Mozambique—							
Corundum	—	—	—	—	—	820	1,091
United States (Sales)—							
Emery	—	683	934	4,354	4,712	5,952	6,196
Garnet	2,383	3,621	4,211	4,912	3,890	5,299	(a)
Pumice	58,698	79,606	73,578	104,741	112,966	76,027	79,247
Tripoli	19,811	29,888	26,975	26,162	15,657	13,314	16,451
Grindstones	4,154	7,069	7,848	12,119	11,396	9,582	8,369
Pulpstones	1,387	2,247	4,047	1,753	1,713	1,688	(a)
Oilstones, whetstones, etc.	456	554	(a)	(a)	(a)	(a)	(a)
Argentina—							
Pumice	(a)	(a)	(a)	(a)	3,816	11,165	(a)
Turkey—							
Emery	8,319	9,821	8,870	837	10,156	2,669	98
Millstones (number) ..	1,689	1,633	3,479	4,652	(a)	(a)	(a)

Abrasives are also produced in other countries, statistics for which are not available.

The following artificial abrasives were produced in Canada (long tons):—

	1938	1939	1940	1941	1942	1943	1944
Silicon carbide (crude)	17,048	15,379	21,930	28,802	39,652	45,787	42,053
Fused alumina ..	45,103	45,641	76,193	116,858	143,692	170,292	148,302

Artificial abrasives sold, shipped, or used, from plants in United States and Canada. Metallic abrasives shipments from United States plants only (long tons):—

	1938	1939	1940	1941	1942	1943	1944
Silicon carbide, etc. ..	22,630	21,613	29,502	40,145	55,072	62,237	50,260
Aluminium oxide ..	47,518	45,061	87,813	131,928	163,958	194,129	165,690
Metallic abrasives ..	23,010	37,513	44,657	77,062	95,038	111,566	129,054

(a) Information not available.

EXPORTS OF ABRASIVES*
(Domestic Produce)
(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Abrasives, natural and artificial	543	756	664	374	230	140	470
Grinding wheels of—							
Artificial corundum, etc.	196	215	353	506	262	203	272
Carborundum	488	446	588	264	246	174	351
Emery	224	204	63	36	40	24	12
Other hard abrasives ..	344	260	608	329	394	429	563
Grindstones	4,950	4,556	1,586	1,377	1,069	830	752
Whetstones	109	119	203	146	81	82	43
Tanganyika Territory—							
Corundum	—	—	—	—	—	6	—
Union of South Africa—							
Corundum	1,380	2,379	3,621	6,154	6,433	4,629	3,593
Canada—							
Natural abrasives, including diatomaceous earth	286	229	157	6	5	9	5
Artificial abrasives ..	53,670	64,247	101,690	147,422	185,657	215,636	192,052
Artificial abrasive wheels, etc.	(£16,218)	(£10,210)	(£8,391)	(£7,178)	(£17,053)	(£103,183)	(£53,709)
Grindstones	(£1,104)	(£1,367)	(£922)	(£4,624)	(£1,013)	(£1,131)	(£47)
Cyprus—							
Pumice	74	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (including re-exports)—							
Emery, etc.	(£5,050)	(£2,809)	(£4,364)	(a)	(a)	(a)	(a)
Palestine—							
Millstones	—	—	(£23)	(£169)	(£98)	(£3,650)	(£7,540)
Australia—							
Pumice (£ Aust.)	—	(£5)	(£8)	(£5)	—	(£413)	—
Corundum, emery, etc. (£ Aust.)	(£813)	(£409)	(£1,109)	(£2,554)	(£2,252)	(£1,804)	(£4,241)
New Zealand—							
Pumice	3,046	3,681	3,177	3,105	3,093	3,412	2,345
FOREIGN COUNTRIES							
Austria (b)—							
Emery, etc.	135	9	} (a)	(a)	(a)	(a)	(a)
Pumice	7	1					
Millstones	101	7					
Grindstones, natural ..	82	22					
do. artificial	92	23					
Belgium-Luxemburg E.U.—							
Millstones and grindstones, natural ..	261	375	(a)	26	94	235	1,057
Millstones and grindstones, artificial ..	254	233	(a)	197	262	282	155
Other abrasives	316	90	(a)	281	378	230	1
Bulgaria—							
Millstones, grindstones, etc.	52	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Emery and pumice	58	} (a)	(a)	(a)	(a)	(a)	(a)
Carborundum	89						
Grindstones, etc., natural ..	59						
do. carborundum	521						
do. emery, etc.	1,031						
Other abrasives	3						

* For "Diamond Bort and Dust" see "Diamonds" (page 109).

(a) Information not available.

(b) Figures for 1939 are for January to March only.

EXPORTS OF ABRASIVES (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Denmark—							
Emery	3	5	4	—	—	—	—
Millstones and grindstones, natural ..	6	2	—	2	4	—	—
do. artificial ..	16	93	8	27	12	12	2
Finland—							
Grindstones, etc. ..	361	317	158	75	123	176	85
France—							
Corundum and emery ..	552	645	615	626	353	149	(a)
Millstones and grindstones	2,728	473	285	814	1,577	1,003	194
Whetstones	122	123	46	37	19	1	(a)
Artificial abrasives ..	4,096	4,531	3,189	2,131	4,081	7,114	3,641
Germany—							
Emery	502	636	435	442	508	418	(b) 174
Carborundum, etc. ..	4,047	4,009	2,771	3,056	5,009	3,729	(b) 1,609
Millstones, grindstones, etc.	6,745	6,236	4,531	6,870	9,151	10,815	(b) 4,259
Other abrasives	8,494	7,696	2,841	3,584	3,384	3,672	(b) 1,308
Greece—							
Emery	7,089	11,523	3,045	} (a)	(a)	(a)	(a)
Pumice	9,154	12,392	2,259				
Hungary—							
Millstones and grindstones	22	14	(a)	(a)	(a)	(a)	(a)
Italy—							
Emery and corundum ..	61	(b) 29	(a)	(a)	(a)	} (a)	(a)
Pumice	44,687	37,777	18,896	7,573	10,272		
Whetstones, natural ..	374	(b) 232	} (a)	(a)	(a)		
Grindstones, natural ..	19	(b) 25					
Millstones, natural ..	143	(b) 60					
Artificial abrasives ..	6	(b) 4					
Netherlands—							
Emery	1,854	1,718	1,029	377	36	18	(a)
Norway—							
Emery, etc.	(a)	41	12	2	14	10	20
Millstones, grindstones, etc.	697	352	256	334	499	510	463
Other artificial abrasives	(a)	225	98	78	62	72	42
Poland—							
Millstones, grindstones, etc.	67	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Emery	2	6	6	—	—	—	—
Other natural abrasives ..	4	13	1	21	1	—	—
Carborundum, etc. ..	535	688	227	118	170	8	—
Millstones, grindstones, etc.	1,087	1,032	810	998	490	418	347
Switzerland—							
Carborundum, emery, etc., crude	46	—	157	39	71	49	6
do. do. ground	841	757	229	467	221	216	32
Grindstones	14	1	—	4	6	—	—
Millstones	—	11	—	—	—	—	—
U.S.S.R.—							
Abrasives	(c) 6	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Millstones	107	91	} (a)	(a)	(a)	(a)	(a)
Grindstones, natural ..	616	468					
do. artificial	5	4					

(a) Information not available.

(b) January to July only.

(c) January to September only.

EXPORTS OF ABRASIVES (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Egypt—							
Emery, pumice, etc. ..	24	2	307	87	—	24	119
Madagascar—							
Corundum	10	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Wheels of emery and corundum	126	140	254	162	2,851	1,035	258
Grindstones	1,628	2,185	2,798	2,494	2,810	2,106	1,515
Other natural abrasives ..	17,384	23,513	17,810	17,857	12,603	15,208	20,310
Crude artificial abrasives	11,025	14,997	21,902	25,028	30,360	29,753	31,785
Artificial abrasive wheels	1,846	2,209	1,844	1,948	4,500	6,025	5,798
Artificial hones, whetstones, etc.	836	922	882	2,645	1,087	452	301
Japan—							
Grindstones, whetstones including artificial ..	1,073	4,602	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Emery, pumice, etc. ..	25	—	50	—	—	—	—
Turkey—							
Emery and carborundum	8,238	9,399	(a)	(a)	(a)	(a)	(a)
Millstones and grindstones	48	2	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF ABRASIVES*

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Emery	5,457	5,637	5,331	4,371	1,259	10,090	1,520
Artificial corundum ..	8,244	7,300	12,614	11,833	18,393	19,458	14,223
Carborundum, unground	625	717	182	464	169	71	71
do. ground ..	4,021	4,369	6,059	4,746	6,836	6,688	4,579
Other hard abrasives ..	24,836	19,013	4,515	1,546	1,579	1,611	571
Grinding wheels of—							
Artificial corundum, etc.	212	185	23	5	1,400	1,495	225
Carborundum ..	59	80	15	1	1,157	145	12
Emery	50	31	22	2	792	32	25
Other hard abrasives	119	76	33	1	539	13	52
Grindstones and whetstones	103	32	12	2	1	42	4
Eire—							
Grindstones, oilstones, etc.	138	150	152	137	153	156	112
Kenya and Uganda—							
Grindstones	8	5	1	3	4	3	2
Seychelles—							
Grindstones (number) ..	119	6	(a)	(a)	(a)	(a)	(a)
Tanganyika Territory—							
Grindstones, whetstones, etc.	—	—	3	1	3	5	12
Union of South Africa (total imports)—							
Emery	17	10	26	12	12	9	20
Pumice	272	239	211	107	133	137	11
Other abrasives (£ S.A.)	(£4,257)	(£4,171)	(£3,500)	(£3,449)	(£3,652)	(£2,111)	(£6,725)
Emery and other wheels (£ S.A.)	(£33,061)	(£35,176)	(£43,294)	(£86,543)	(£52,823)	(£81,487)	(£127,157)
Grindstones, millstones, etc. (£ S.A.)	(£4,062)	(£3,008)	(£2,467)	(£2,683)	(£2,163)	(£1,507)	(£4,107)
Canada—							
Pumice, etc.	(£5,010)	(£6,346)	(£7,922)	(£9,193)	(£6,499)	(£4,377)	(£6,265)
Emery, ground	(£7,862)	(£12,117)	(£16,165)	(£19,398)	(£17,811)	(£17,596)	(£16,543)
Artificial abrasives, ground	(£84,915)	(£139,163)	(£194,598)	(£352,175)	(£426,628)	(£430,498)	(£414,236)
Buhrstones	(£43)	(£45)	(£185)	(£113)	(£617)	(£102)	(£239)
Emery and artificial abrasives manufactures ..	(£8,593)	(£9,375)	(£13,000)	(£16,843)	(£22,583)	(£18,423)	(£16,543)
Grindstones and wheels	(£42,101)	(£54,890)	(£91,331)	(£126,110)	(£170,999)	(£151,866)	(£117,036)
Newfoundland (b)—							
Grindstones	(£844)	(£1,015)	(£869)	(£1,757)	(c) (£1,031)	(£1,590)	(£1,486)
British West Indies—							
Jamaica—							
Grindstones and millstones	(£412)	(£218)	(£138)	(£267)	(£266)	(£145)	(£796)
Trinidad and Tobago—							
Grindstones and wheels	15	13	18	12	33	25	12
Ceylon—							
Grindstones	(£1,581)	(£1,636)	(a)	(a)	(a)	(a)	(a)
Cyprus—							
Grindstones and millstones	(£200)	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Emery, etc.	(£7,511)	(£6,115)	(£10,233)	(a)	(a)	(a)	(a)
Palestine—							
Millstones	(£901)	(£928)	(£379)	(£87)	(£584)	(£1,520)	(£1,238)

* For "Diamond Bort and Dust" see "Diamonds" (page 109).

(a) Information not available.

(b) Years ended June 30 following that stated for 1938 to 1941 and ended March 31 subsequently.

(c) Nine months ended March 31, 1943.

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Australia (£ Aust.)—							
Corundum, emery, etc...	(£14,985)	(£18,432)	(£21,903)	(£270,028)	(£383,814)	(£309,930)	(£170,541)
Pumice	(£8,590)	(£8,870)	(£8,932)	(£10,527)	(£10,766)	(£11,257)	(£10,200)
New Zealand—							
Pumice	7	35	2	2	1	—	1
Grindstones, etc. (£ N.Z.)	(£7,819)	(£6,641)	(£7,997)	(£8,316)	(£7,792)	(£11,171)	(£8,954)
FOREIGN COUNTRIES							
Austria (b)—							
Emery, etc.	226	30	} (a)	(a)	(a)	(a)	(a)
Pumice	152	88					
Millstones	64	18					
Grindstones, natural ..	412	83					
do. artificial ..	123	36					
Belgium-Luxemburg E.U.—							
Millstones and grindstones, natural ..	990	786	(a)	595	433	405	76
do. artificial ..	440	379	(a)	363	286	245	195
Other abrasives	3,583	9,254	(a)	1,766	1,593	1,253	210
Bulgaria—							
Millstones, grindstones, etc.	256	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Emery	181	} (a)	(a)	(a)	(a)	(a)	(a)
Pumice	20						
Carborundum	596						
Grindstones etc., natural ..	633						
do. carborundum ..	13						
do. emery, etc. ..	133						
Other abrasives	3						
Denmark—							
Emery, etc.	185	315	170	220	264	240	162
Pumice	766	318	105	172	398	86	24
Carborundum	62	80	26	238	145	74	70
Millstones and grindstones, natural ..	291	368	261	461	420	342	261
do. artificial	165	184	135	158	131	156	127
Estonia—							
Pumice	72	} (a)	(a)	(a)	(a)	(a)	(a)
Grindstones, natural ..	289						
do. artificial	28						
Millstones	36						
Other abrasives	127						
Finland (total imports)—							
Emery	273	} 319	84	260	310	423	87
Pumice	142						
Other natural abrasives ..	42						
Carborundum, etc.	229						
Millstones, etc.	135						
Whetstones, grindstones, etc., natural	959	} 1,436	328	940	665	1,365	866
do. artificial	995						

(a) Information not available.

(b) Figures for 1939 are for January to March only.

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—							
Corundum and emery ..	2,396	1,528	1,094	—	1	10	(a)
Pumice	13,586	6,480	2,544	408	202	194	(a)
Millstones and grindstones	720	650	243	149	226	227	1
Whetstones	172	312	53	2	31	16	18
Carborundum	717	575	443	282	362	231	110
Other artificial abrasives	328	1,044	518	—	131	1	(a)
Germany—							
Emery	3,422	3,713	537	217	281	2,884	(c) 208
Carborundum, etc. ..	598	618	1,426	2,713	2,877	4,913	(c) 1,074
Millstones, grindstones, etc.	534	607	385	981	1,148	1,592	(c) 1,974
Other abrasives	289	293	144	704	2,799	2,863	(c) 6,131
Hungary—							
Emery	158	159	} (a)	(a)	(a)	(a)	(a)
Millstones	64	42					
Grindstones	848	2,495					
Iceland—			11	117	42	55	7
Millstones, etc.	28	31					
Italy (b)—							
Emery and corundum ..	1,042	1,336	} (a)	(a)	(a)	(a)	(a)
Artificial abrasives ..	900	317					
Whetstones, natural ..	84	21					
Grindstones, natural ..	210	173					
Millstones, natural ..	31	14					
do. artificial	142	101					
Latvia—							
Emery	43	} (a)	(a)	(a)	(a)	(a)	(a)
Pumice	63						
Grindstones, etc. ..	147						
Lithuania—							
Millstones and grindstones	224	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Emery	1,983	2,324	13	20	47	1	(a)
Norway—							
Emery, etc.	466	587	214	258	192	170	131
Millstones, grindstones, etc.	889	1,298	257	362	425	474	306
Other artificial abrasives	(a)	24	16	26	17	11	6
Poland—							
Millstones	148	} (a)	(a)	(a)	(a)	(a)	(a)
Other abrasives	1,846						
Portugal—							
Emery, etc.	112	150	113	88	62	160	22
Roumania—							
Emery, etc.	217	458	417	} (a)	(a)	(a)	(a)
Millstones	259	208	248				
Grindstones	200	100	168				
Spain—							
Emery powder	(a)	(a)	115	59	434	324	26
Carborundum	(a)	(a)	22	34	20	101	47
Sweden—							
Emery	881	916	272	270	213	236	65
Pumice	} 2,353	} 2,520	} 1,247	} 697	} 852	} 816	} 861
Other natural abrasives..							
Carborundum, etc. ..								482	435	159	99	166	135	122
Grindstones, etc. ..	1,609	948	786	816	598	785	442
Millstones	788	584	336	101	143	245	223

(a) Information not available.

(b) 1939 figures are for January to July only.

(c) January to July only.

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Switzerland—							
Emery, crude	478	421	266	393	197	93	51
Carborundum, emery, etc., ground	496	637	600	567	358	387	120
Millstones	84	83	33	83	54	53	49
Grindstones	418	559	330	618	480	532	143
Whetstones	41	38	44	43	27	32	10
U.S.S.R.—							
Abrasives	(b) 1,282	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Carborundum	22	31	} (a)	(a)	(a)	(a)	(a)
Millstones	39	49					
Grindstones, natural ..	146	101					
do. artificial	114	122					
Other abrasives	1,042	729					
Algeria—							
Emery, corundum, etc.	4	} (a)	(a)	(a)	(a)	(a)	(a)
Pumice	578						
Millstones and grindstones	211						
Egypt—							
Emery, pumice, etc. ..	4,001	2,807	20	31	76	4	—
Millstones	180	86	37	18	—	1	1
Grindstones	194	155	59	47	65	33	50
Whetstones	38	51	2	—	12	5	1
Tunis—							
Emery and pumice ..	96	(a)	(a)	60	31	1	(a)
Millstones and grind- stones	29	(a)	(a)	23	19	—	(a)
Cuba (total imports)—							
Grindstones	401	596	401	935	1,167	1,100	553
Mexico—							
Emery and carborundum	1,448	1,138	1,597	1,046	(a)	(a)	(a)
Millstones and grind- stones	146	42	24	55	(a)	(a)	(a)
United States—							
Corundum, crude	1,873	1,754	2,609	5,237	4,231	5,077	5,716
Emery, crude	426	1,956	5,105	—	(a)	(a)	(a)
Corundum and emery, ground	29	58	60	46	56	209	32
Pumice, crude	5,306	5,943	3,355	39	60	} 29	36
do. manufactured ..	2,899	3,545	636	—	(a)		
Tripoli, etc.	445	195	203	385	206	5	3
Grindstones	587	748	566	456	438	262	320
Buhrstones, hones, etc. .	114	89	69	31	45	17	25
Crude artificial abrasives	45,695	56,576	85,472	129,009	161,129	188,219	171,654
Argentina—							
Emery	461	423	557	571	828	318	349
Pumice	61	59	14	7	16	2	2
Grindstones	449	450	376	192	164	212	41
Oil stones	9	13	10	3	1	2	3
Brazil—							
Millstones, grindstones, etc.	427	(a)	(a)	(a)	(a)	(a)	(a)
Other abrasives	105	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Emery, pumice, etc. ..	47	79	85	52	78	(a)	(a)
Colombia—							
Emery and pumice ..	24	29	35	40	38	48	(a)
Millstones and grind- stones	16	63	29	33	3	44	(a)

(a) Information not available.

(b) January to November only.

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Peru—							
Emery and pumice ..	19	23	21	25	21	11	35
Grindstones	39	24	28	25	28	35	60
Venezuela—							
Emery and pumice ..	53	49	68	60	54	94	
China—							
Corundum	7	14	18	(a)	(a)	(a)	(a)
French Indo-China—							
Emery and corundum, ground	202	147	}	(a)	(a)	(a)	(a)
Pumice	6	6					
Grindstones and mill- stones	60	82					
Iraq—							
Emery, pumice, etc. ..	6	2	6	5	31	18	2
Grindstones, whetstones, etc.	577	84	167	1	60	86	56
Japan (total imports)—							
Abrasives	2,921	(a)	(a)	(a)	(a)	(a)	(a)
Grindstones, artificial ..	64	90	(a)	(a)	(a)	(a)	(a)
Manchuria—							
Abrasives	2,499	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Emery	95	113	134	(a)	(a)	(a)	(a)
Philippine Islands—							
Emery sand or powder ..	41	(a)	(a)	(a)	(a)	(a)	(a)
Emery wheels and corun- dum	(£4,113)	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Emery	33	52	19	—	8	20	—
Millstones and grind- stones	116	84	41	—	12	30	19
Turkey—							
Emery and carborundum, crude	13	(a)	}	(a)	(a)	(a)	(a)
Millstones and grind- stones	129	134					
Whetstones, pumice, etc.	50	(a)					

(a) Information not available.

ALUMINIUM

(Including Bauxite and Cryolite)

PRODUCTION OF BAUXITE

(Long tons)

ADDENDUM—Page 11.

Gold Coast (e)	—	16	45	2,013	48,005	104,819	107,223
BRITISH EMPIRE TOTAL	519,000	574,000	679,000	1,179,000	1,430,000	2,285,000	1,180,000
WORLD'S TOTAL	3,900,000	4,200,000	4,300,000	5,900,000	8,100,000	13,700,000	7,300,000
ADDENDUM—Page 11.							
TOTAL	519,000	574,000	679,000	1,177,000	1,380,000	2,180,000	1,073,000
FOREIGN COUNTRIES							
Austria	5,000	(a)	(a)	(a)	(a)	(a)	19,530
France	673,020	697,320	481,297	578,143	629,460	901,878	655,117
Germany	19,100	15,500	10,000	12,700	16,000	25,000	25,000
Greece	177,045	184,000	50,000	50,000	50,000	50,000	10,000
Hungary	532,177	492,293	552,838	810,409	972,934	985,555	(f) 900,000
Italy	355,138	476,000	540,000	492,000	393,000	350,000	150,000
Roumania	11,620	10,604	10,100	9,600	14,700	12,400	(a)
U.S.S.R. (estimated)	250,000	(b) 300,000	(b) 300,000	(b) 250,000	(b) 275,000	(b) 350,000	(b) 400,000
Yugoslavia	398,180	313,804	278,012	227,700	236,000	200,000	150,300
French West Africa	—	—	3,336	(a)	(a)	(a)	(a)
Mozambique	376	177	1,014	1,330	1,831	3,220	6,080
United States (d) ..	310,916	375,307	438,913	937,050	2,602,034	6,232,883	2,823,724
Brazil (exports) ..	12,724	17,990	81	14,138	12,201	75,549	2,932
Dutch Guiana	371,633	(e) 496,101	(e) 605,714	(e) 1,076,490	(e) 1,208,125	(e) 1,629,006	(e) 615,920
French Indo-China ..	160	2,293	118	10,000	12,600	—	350
Netherland East Indies	241,479	227,025	270,874	169,108	(b) 275,000	(b) 600,000	(b) 275,000
TOTAL	3,360,000	3,600,000	3,600,000	4,700,000	6,700,000	11,400,000	6,100,000
WORLD'S TOTAL	3,900,000	4,200,000	4,300,000	5,900,000	8,100,000	13,600,000	7,200,000

(a) Information not available.

(b) U.S. Bureau of Mines.

(c) The shipments from mines of dried and washed ore were as follows (long tons):—

	1938	1939	1940	1941	1942	1943	1944
Metallurgical	321,912	436,015	571,537	1,007,642	1,174,173	1,891,369	847,967
Chemical	46,275	39,138	17,854	23,368	12,238	—	19,635
Refractory	1,814	855	902	2,298	2,181	1,710	2,770
Abrasive	2,596	5	7,336	10,911	10,304	7,901	6,755

(d) Dried bauxite equivalent.

(e) Exports.

(f) Estimated.

(g) Average annual production during Japanese occupation.

PRODUCTION (EXPORTS) OF CRYOLITE IN GREENLAND

Year	Long tons
1938	49,463
1939	54,600
1940 (b)	45,600
1941 (b)	34,500
1942 (b)	86,800
1943 (b)	63,600
1944 (b)	17,400

(b) Imports into the United States and Canada from Greenland.

ESTIMATED PRODUCTION OF ALUMINIUM

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	23,000	25,000	19,000	22,700	46,800	55,700	35,500
Canada	63,575	73,965	97,450	190,958	304,104	442,634	412,558
India	—	—	—	—	—	1,272	1,723
TOTAL	86,600	99,000	116,400	213,700	350,900	499,700	449,800
FOREIGN COUNTRIES							
Austria	4,358	4,215	6,568	21,000	34,000	44,000	39,311
France	44,600	51,838	60,765	62,906	44,510	45,730	25,740
Germany	158,682	192,063	201,363	209,000	225,700	202,000	200,000
Hungary	1,500	1,500	(d) 1,800	(d) 3,500	(d) 4,700	(d) 7,000	(d) 11,300
Italy	25,360	34,100	38,100	47,400	43,200	47,400	15,000
Norway	28,576	30,638	27,341	17,251	20,174	23,143	19,719
Spain	600	1,063	1,274	1,102	730	784	203
Sweden (c)	1,862	1,935	1,549	1,077	1,274	3,515	3,664
Switzerland	26,100	26,600	27,600	23,800	23,600	20,000	15,000
U.S.S.R.	50,000	53,000	59,000	(d) 50,000	(d) 54,000	61,360	(d) 70,000
Yugoslavia	1,191	1,800	2,000	2,000	2,000	2,000	1,000
United States (b)	128,072	146,022	184,179	275,953	465,273	821,588	693,255
Formosa	4,535	7,540	8,624	12,348	13,288	14,271	9,055
Japan	16,464	21,316	30,136	55,195	83,866	112,256	86,806
Korea	—	236	1,458	3,071	4,296	12,331	12,738
Manchuria	—	3,207	4,947	7,905	7,319	10,000	8,000
TOTAL	491,000	577,000	657,000	794,000	1,028,000	1,427,000	1,211,000
WORLD'S TOTAL	578,000	676,000	773,000	1,007,000	1,379,000	1,929,000	1,661,000

(a) Information not available.

(b) Secondary metal was recovered as follows :—

Year	Long tons
1938	34,640
1939	48,170
1940	71,752
1941	95,408
1942	177,225
1943	280,322
1944	290,754

(c) Secondary metal was recovered as follows :—

Year	Long tons
1938	518
1939	809
1940	691
1941	487
1942	246
1943	79
1944	111

(d) U.S. Bureau of Mines.

EXPORTS OF ALUMINIUM, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944				
BRITISH EMPIRE											
United Kingdom—											
Alumina	9,871	16,400	8,754	117	331	249	107				
Ingots, etc., including alloyed	1,508	1,719	295	10	1	7	25				
Sheets, tubes, etc., in- cluding alloyed	2,923	2,726	376	126	177	115	72				
Foil and alloyed	981	904	1,034	38	25	20	23				
Scrap, including alloyed	4,210	4,190	204	7	—	—	—				
Aluminium sulphates ..	18,202	21,503	29,398	23,068	16,729	16,426	19,623				
Gold Coast—											
Bauxite	—	16	45	2,013	48,005	104,819	107,223				
Canada—											
Blocks, bars, and ingots ..	} 57,790	63,017	77,265	172,105	280,789	335,164	} 263,595 2,790 1,609 (£13,370)				
Sheets, rods, etc. ..											
Scrap											
Wire											
British Guiana—											
Bauxite	376,368	476,013	624,487	1,072,616	1,116,463	1,901,393	873,969				
British India—											
Bauxite	3,318	2,156	(a)	(a)	(a)	(a)	(a)				
British Malaya (including re-exports)—											
Bauxite	55,752	(a)	58,383	} (a)	(a)	(a)	(a)				
Aluminium sulphates ..	1,442	2,430	2,511								
Hong Kong (including re- exports)—											
Aluminium sulphates ..	1,031	1,894	1,882	(a)	(a)	(a)	(a)				
Australia—											
Aluminium (£ Aust.) ..	(£346)	(£724)	(£631)	(£3)	(£11)	(£18)	(£941)				
Aluminium sulphates ..	1	5	593	732	—	101	88				
FOREIGN COUNTRIES											
Austria (b)—											
Cryolite	6	3	} (a)	(a)	(a)	(a)	(a)				
Crude, scrap and alloys ..	779	1									
Sheets, rods, wire, etc. ..	25	11									
Foil	70	16									
Aluminium sulphates ..	6	—									
Belgium-Luxemburg E.U.—											
Bauxite, etc.	1	1	(a)	—	—	—	—				
Alumina	250	81	(a)	21	—	9	—				
Aluminium hydrates ..	63	28	(a)	1	—	—	5				
Crude	1,748	1,846	(a)	} 45	38	154	73				
Scrap	318	430	(a)								
Sheets, wire, etc. ..	899	1,056	(a)					764	231	889	570
Aluminium sulphates ..	23,108	25,101	(a)					7	—	576	669
Czecho-Slovakia—											
Crude and scrap	463	} (a)	(a)	(a)	(a)	(a)	(a)				
Bars, sheets, rods and wire	212										
Aluminium sulphates ..	339										
Denmark—											
Refined cryolite	26,744	30,580	14,180	2,565	1,431	1,372	343				
Crude	68	92	100	4	9	} 6	3				
Scrap	495	651	283	306	13						
Sheets, wire and foil ..	40	47	25	69	2			—	—		

(a) Information not available.

(b) Figures for 1939 are for January to March only.

EXPORTS OF ALUMINIUM, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—							
Bauxite	287,604	325,366	53,024	170,965	228,095	443,977	288,589
Alumina	21,431	28,969	23,460	33,013	59,842	41,082	24,162
Aluminium hydrates ..	7,749	5,664	1,229	1,537	9,145	11,972	2,318
Cryolite, artificial ..	543	802	215	60	1,389	2,130	445
Ingots and scrap ..	13,810	9,705	8,382	22,242	6,832	14,361	1,228
Sheets, wire, etc. ..	1,877	1,516	518	4,997	1,802	887	204
Aluminium sulphates (c)	2,323	2,503	5,369	2,165	2,264	472	382
Germany—							
Bauxite and cryolite ..	—	5	—	23,362	322	21,641	(b) 7,091
Crude, scrap and alloys..	2,787	2,017	1,827	15,107	17,730	12,668	(b) 3,549
Sheets, wire, castings, etc.	7,381	6,001	4,192	6,705	9,877	9,810	(b) 3,666
Foil	5,558	4,675	1,570	1,453	1,041	848	(b) 271
Aluminium sulphates, etc. including refined bauxite	46,896	40,803	30,374	21,504	26,953	52,455	(d) 27,350
Greece—							
Bauxite	137,046	175,987	135,077	(a)	(a)	(a)	(a)
Hungary—							
Bauxite	356,687	561,900	636,230	751,920	1,012,749	882,716	681,336
Alumina and aluminium hydrates	2,648	261	} (a)	(a)	(a)	(a)	(a)
Crude, scrap and alloys..	53	51					
Bars, sheets and wire ..	47	48					
Italy—							
Bauxite	74,195	58,670	(d) 133,000	(d) 147,000	(d) 113,000	(d) 99,000	(a)
Alumina	38,991	34,460	30,368	29,020	33,080	16,430	(a)
Crude, scrap and alloyed	511	(b) 1,173	} (a)	(a)	(a)	(a)	(a)
Sheets, tubes, etc., and alloyed..	18	(b) 79					
Aluminium sulphates ..	447	(b) 356					
Netherlands—							
Crude, scrap and alloys..	556	1,015	649	568	1,019	1,498	(a)
Foil	188	180	61	2	—	—	(a)
Norway—							
Alumina	1,408	1,751	737	50	290	—	—
Ingots	28,127	23,704	28,646	16,246	17,400	20,905	17,224
Scrap	183	222	30	16	25	25	159
Bars, sheets, tubes and wire	311	473	244	285	181	491	764
Poland—							
Crude and sheets ..	19	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Crude, sheets and strips..	113	132	89	124	26	27	7
Scrap	(a)	(a)	(a)	11	19	18	34
Aluminium sulphates ..	11,650	13,755	5,504	8,165	8,277	4,061	2,590
Switzerland—							
Blocks, ingots, etc., and scrap	21,470	14,695	14,590	8,405	9,258	8,479	1,489
do. (alloys)	3,457	5,364	3,246	3,086	1,782	805	2,156
Bars, sheets, tubes and wire	1,842	3,247	3,923	769	297	641	479
do. (alloys)	1,904	3,273	2,723	4,312	4,272	1,670	1,672
Yugoslavia—							
Bauxite	373,744	263,304	(e) 301,000	(e) 76,000	(e) 178,000	(e) 124,000	(a)
Crude	1,191	1,616	(a)	(a)	(a)	(a)	(a)
Aluminium hydrates ..	3,387	4,050	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

(c) Excluding "chrome alum."

(d) Imports into Germany from Italy.

(e) Imports into Germany from Yugoslavia.

EXPORTS OF ALUMINIUM, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—							
Ingots and scrap ..	276	(a)	(a)	(a)	(a)	(a)	(a)
Greenland—							
Cryolite	49,463	54,600	(b) 45,600	(b) 34,500	(b) 86,800	(b) 63,600	(b) 17,400
United States—							
Bauxite, etc. .. .	57,726	51,635	81,913	134,746	260,600	417,186	146,638
Cryolite, natural ..	(a)	(a)	(a)	(a)	233	2,287	606
do. artificial .. .	(a)	(a)	(a)	(a)	146	383	335
Ingots, scrap and alloys	4,317	25,535	11,770	720	15,952	50,674	119,198
Plates, sheets, bars, etc.	1,316	7,597	13,088	5,942	18,672	54,360	49,124
Foil	65	506	1,254	244	115	514	1,449
Aluminium sulphates ..	24,746	31,012	38,942	45,769	39,668	33,880	36,994
Brazil—							
Bauxite	12,724	17,990	81	14,138	12,201	75,549	2,932
Dutch Guiana—							
Bauxite	371,632	496,101	605,714	1,076,490	1,208,125	1,629,006	615,920
China—							
Aluminium sulphates ..	2,336	5,802	2,336	(a)	(a)	(a)	(a)
Japan—							
Crude	182	175	}	(a)	(a)	(a)	(a)
Plates and sheets .. .	389	387					
Aluminium sulphates ..	4,977	7,238					
Netherlands East Indies—							
Bauxite	269,000	242,262	313,921	(c) 160,062	(a)	(a)	(a)

(a) Information not available.

(b) Imports into the United States and Canada from Greenland.

(c) January to October only.

IMPORTS OF ALUMINIUM, ETC.
(Less Re-exports)
(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bauxite	249,072	301,892	112,381	87,214	47,759	241,796	172,146
Cryolite	5,290	4,658	1,291	3,592	4,935	1,597	85
Alumina	32	41	23	59	35	—	2,973
Ingots, etc., including alloyed	41,031	57,655	66,134	132,657	131,649	213,014	149,692
Sheets, tubes, etc., including alloyed	4,424	8,940	10,192	4,628	4,389	23,247	27,272
Foil and alloyed	1,095	976	755	1	—	2,276	10,160
Aluminium sulphates	6,371	5,881	422	—	—	—	—
Scrap, including alloyed	5,078	4,008	826	382	50	100	153
Eire—							
Ingots, sheets and foil	177	155	147	3	—	1	—
Kenya and Uganda—							
Sheets and wire	17	11	1	—	—	—	—
Southern Rhodesia—							
Ingots, bars, sheets and foil	3	3	13	6	10	—	9
Tanganyika Territory—							
Sheets, strips and wire	6	2	—	—	—	—	—
Union of South Africa—							
Ingots, bars, sheets, wire and foil	481	397	504	136	52	28	39
Aluminium sulphates	3,435	4,723	2,269	1,107	397	101	76
Canada—							
Bauxite	328,803	452,663	603,142	1,028,768	1,168,346	2,688,008	1,185,737
Cryolite	5,714	3,079	20,130	8,300	22,652	20,023	2,249
Alumina	65	88	80	117	70	79	109
Ingots, rods, sheets, scrap, etc.	1,584	1,426	1,287	348	1,289	2,025	3,228
Leaf and foil	(£23,304)	(£33,113)	(£41,642)	(£4,032)	(£686)	(£686)	(£10,752)
Aluminium sulphates	27,046	30,319	35,942	35,107	37,315	34,307	31,597
Newfoundland (b)—							
Sheets, plates, foil, etc.	(£936)	(£854)	(£3,063)	(£1,728)	(c) (£730)	(£2,272)	35
Aden—							
Aluminium sulphates	—	—	2	—	—	—	—
British India—							
Ingots, blocks, bars, etc.	3	8	65	63	13	—	245
Sheets and circles	2,200	1,676	769	55	72	1	—
Aluminium sulphates	2,166	2,044	3,877	753	1,099	1,652	5,325
British Malaya (total imports)—							
Aluminium sulphates	1,709	3,465	3,240	(a)	(a)	(a)	(a)
Burma—							
Sheets and circles	371	331	174	(a)	(a)	(a)	(a)
Aluminium sulphates	83	170	266	(a)	(a)	(a)	(a)
Ceylon—							
Foil	247	221	(a)	(a)	(a)	(a)	(a)
Cyprus—							
Aluminium sulphates	2	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Aluminium sulphates	845	2,023	2,849	(a)	(a)	(a)	(a)
Palestine—							
Sheets	102	154	18	—	—	—	—
Foil	15	15	24	3	1	—	—

(a) Information not available.

(b) Years ended June 30 following that stated for 1938 to 1941 and March 31 subsequently.

(c) Nine months ended March 31, 1943.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Australia—							
Cryolite	174	264	207	106	10	12	11
Pigs, ingots, blocks and scrap	273	979	1,158	1,135	4,792	3,648	4,480
Sheets, wire, rods, etc. . .	1,039	611	890	1,107	1,877	5,131	1,006
Pipes and tubes (£ Aust.)	(a)	(£253)	(£77)	(£13,233)	(£55,288)	(£22,402)	(£46,564)
Aluminium sulphates ..	68	242	142	28	1	1	22
New Zealand—							
Bars, sheets, tubes, wire, etc.	58	41	48	23	26	44	9
FOREIGN COUNTRIES							
Austria (b)—							
Bauxite	1,107	546	}	(a)	(a)	(a)	(a)
Cryolite	510	13					
Alumina	11,065	1,659					
Aluminium hydrates ..	410	—					
Crude, scrap and alloys	25	20					
Sheets, rods, wire, etc. . .	80	—					
Foil	5	—					
Belgium-Luxemburg E.U.—							
Bauxite, etc.	501	475	(a)	524	703	548	319
Alumina	1,103	290	(a)	13	81	21	70
Aluminium hydrates ..	6,997	9,188	(a)	571	578	368	298
Crude	3,741	4,346	}	748	3,335	1,442	1,052
Scrap	766	633					
Sheets, wire, etc.	537	493	(a)	110	178	1,111	86
Aluminium sulphates ..	1,503	2,133	(a)	2,527	1,451	302	76
Bulgaria—							
Crude, bars and sheets	120	}	(a)	(a)	(a)	(a)	(a)
Aluminium sulphates ..	546						
Czecho-Slovakia—							
Cryolite	334	}	(a)	(a)	(a)	(a)	(a)
Crude and scrap	3,625						
Bars, sheets, rods and wire	107						
Foil	16						
Aluminium sulphates ..	38						
Denmark—							
Crude cryolite	29,981	40,224	—	—	—	—	—
Crude	1,154	1,678	808	1,503	1,153	1,567	1,287
Scrap	63	62	14	23	37	42	238
Bars, sheets, plates and wire	197	242	134	183	100	74	146
Leaf	283	345	237	92	78	68	107
Aluminium sulphates ..	1,629	1,950	1,911	2,664	2,653	2,206	1,608
Estonia—							
Crude, sheets, etc.	130	}	(a)	(a)	(a)	(a)	(a)
Aluminium sulphates ..	567						
Finland (total imports)—							
Crude and scrap	61	88	73	247	255	72	150
Bars and sheets	316	268	239	406	515	443	284
Aluminium sulphates ..	8,869	8,851	4,464	7,722	7,881	7,556	3,502
France—							
Bauxite	2,751	99	—	—	—	20	(a)
Alumina	9	20	1	1	2	2	1
Aluminium hydrates ..	12	2	1	1	—	—	9
Cryolite, artificial	—	69	1	3	5	11	1
Ingots and scrap	100	148	14,452	3,496	961	44	458
Sheets, wire, etc.	514	1,833	1,450	85	498	515	414
Aluminium sulphates ..	264	248	—	14	119	5	(a)

(a) Information not available.

(b) Figures for 1939 are for January to March only.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Bauxite and cryolite ..	1,165,938	1,104,492	1,076,051	1,153,497	1,484,396	1,510,611	(b) 878,869
Crude, scrap and alloys	18,476	9,289	36,930	67,332	35,024	35,650	(b) 20,962
Sheets, wire, castings, etc.	58	53	2,116	11,902	12,632	5,699	(b) 4,336
Aluminium sulphates, etc. including refined bauxite	72	6,388	3,401	4,491	34,679	39,461	(b) 18,626
Greece—							
Aluminium	197	118	89	} (a)	(a)	(a)	(a)
Foil	105	100	208				
Aluminium sulphates ..	72	—	—				
Hungary—							
Alumina and aluminium hydrates	384	616	} (a)	(a)	(a)	(a)	(a)
Crude, scrap and alloys	1,087	202					
Bars, sheets and wire ..	260	144					
Aluminium sulphates ..	101	79					
Iceland—							
Aluminium sulphates ..	1	1	1	5	1	3	2
Italy—							
Bauxite	351	(b) 71	} (a)	(a)	(a)	(a)	(a)
Alumina	3	(a)					
Cryolite, artificial ..	89	(a)					
Aluminium hydrates ..	7	(a)					
Crude, scrap and alloys	502	(b) 203					
Sheets, tubes, powder and alloys	57	(b) 7					
Aluminium sulphates ..	637	(b) 79					
Latvia—							
Ingots, sheets, scrap, etc.	272	} (a)	(a)	(a)	(a)	(a)	(a)
Aluminium sulphates ..	694						
Lithuania—							
Aluminium	177	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Bauxite	(a)	(c) 176	2,231	1,411	261	689	} (a)
Crude, scrap and alloys	2,373	4,209	2,132	1,516	1,228	1,359	
Foil	858	1,169	783	422	91	145	
Aluminium sulphates ..	7,187	10,055	4,587	4,671	4,224	2,619	
Norway—							
Bauxite	25,532	32,179	4,748	23,588	26,809	40,794	28,107
Cryolite	1,999	2,724	1,820	1,548	1,206	1,193	1,909
Alumina	43,046	44,919	29,299	18,862	28,901	26,078	15,015
Crude	11	88	31	35	5	1	—
Bars, sheets, etc. ..	142	145	77	124	785	630	41
Aluminium sulphates ..	3,681	5,367	3,089	4,108	3,270	1,778	2,133
Poland—							
Bauxite	2,114	} (a)	(a)	(a)	(a)	(a)	(a)
Cryolite	105						
Crude and scrap	2,465						
Sheets and wire	357						
Aluminium sulphates ..	65						
Portugal—							
Aluminium and alloys ..	145	168	121	79	47	123	325
Aluminium sulphates ..	748	730	602	372	620	502	548
Roumania—							
Crude	239	218	483	} (a)	(a)	(a)	(a)
Sheets and wire	146	343	428				

(a) Information not available.

(b) January to July only.

(c) July to December only.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Spain—							
Alumina	(a)	(a)	2,689	2,871	1,133	1,823	—
Ingots, sheets, scrap, etc.	(a)	(a)	110	401	24	669	1,433
Aluminium sulphates ..	(a)	(a)	292	269	381	221	108
Sweden—							
Bauxite	(a)	(a)	(a)	5,712	9,767	17,652	5,158
Cryolite (incl. artificial)..	(a)	(a)	(a)	157	209	280	287
Crude	4,629	3,009	3,374	1,618	1,279	2,883	1,056
Sheets and strips	493	398	267	294	95	399	312
Aluminium sulphates ..	662	973	381	71	4	5	17
Switzerland—							
Alumina, etc.	52,271	58,349	45,220	48,524	49,663	39,478	9,760
Blocks, ingots, etc., and scrap	3,771	4,641	711	105	122	240	3
do. (alloyed).. .. .	45	167	79	145	929	90	24
Bars, sheets, tubes and wire	3	50	2	3	6	—	—
do. (alloyed).. .. .	28	43	40	35	8	18	6
Aluminium sulphates ..	166	302	280	375	412	204	156
U.S.S.R.—							
Crude, sheets, etc. ..	(b) 6,273	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Aluminium hydrates ..	48	58	}	(a)	(a)	(a)	(a)
Crude and scrap	42	31					
Sheets, pipes and wire ..	272	550					
Aluminium sulphates ..	161	157					
Algeria—							
Bauxite	201	}	(a)	(a)	(a)	(a)	(a)
Ingots, sheets, wire, etc.	65						
Aluminium sulphates ..	183						
Belgian Congo—							
Aluminium sulphates ..	218	39					
Egypt—							
Bars, sheets, tubes and wire	42	62	23	3	—	—	1
Foil	52	55	25	23	4	—	—
Aluminium sulphates ..	(c) 409	(c) 428	(c) 711	(c) 263	4,191	2,192	2,398
Madagascar—							
Aluminium sulphates ..	54	(a)	30	137	(a)	(a)	(a)
Tunis—							
Ore, ingots and scrap ..	9	(a)	(a)	25	10	11	—
Aluminium sulphates ..	119	(a)	(a)	51	55	—	—
Cuba (total imports)—							
Aluminium sulphates ..	208	3,184	3,155	3,678	1,613	1,669	2,042
Guatemala—							
Aluminium sulphates ..	266	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
Alumina	240	194	428	76	(a)	(a)	(a)
Ingots, bars and sheets ..	217	536	613	251	(a)	(a)	(a)
Aluminium sulphates ..	—	285	231	1,381	(a)	(a)	(a)
United States—							
Bauxite, crude	455,693	520,179	629,552	1,116,546	884,217	1,547,854	560,461
Refined bauxite	64	1	11	60	21,711	12,372	—
Cryolite	12,115	10,210	25,858	26,684	64,565	46,400	15,534
Crude, scrap and alloys ..	7,818	12,527	16,146	11,503	94,894	121,005	91,161
Sheets, bars, etc.	102	274	1	471	5,228	50	578
Foil (d)	818	1,262	420	80	—	—	3
Aluminium sulphates ..	1,662	731	19	—	—	69	—

(a) Information not available.

(b) January to September only.

(c) Alum only.

(d) Excluding leaves 5½ in. by 5½ in. recorded by number only.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Argentina—							
Bauxite	(a)	(a)	(a)	(a)	4,927	224	1,240
Ingots, sheets and wire . .	965	859	1,254	230	—	—	23
Aluminium sulphates . . .	4,702	7,517	4,968	2,281	2,004	475	333
Brazil (total imports)—							
Bars, sheets and wire . . .	1,433	(a)	1,612	247	89	480	2,623
Aluminium sulphates . . .	4,105	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Bars and sheets	89	77	110	43	18	(a)	(a)
Aluminium sulphates . . .	41	61	46	52	32	(a)	(a)
Colombia—							
Ingots, bars, sheets, etc. .	323	294	334	107	12	14	8
Aluminium sulphates . . .	1,248	1,937	1,657	2,804	1,635	2,663	1,704
Peru—							
Ingots	(a)	83	54	41	3	8	(a)
Aluminium sulphates . . .	642	507	579	1,161	274	294	580
Uruguay—							
Ingots, sheets, etc.	279	134	206	(a)	(a)	6	136
Aluminium sulphates . . .	713	948	2,448	(a)	(a)	358	1,337
Venezuela—							
Crude	24	10	13	—	—	—	—
Aluminium sulphates . . .	134	165	206	550	40	685	—
China—							
Crude	1,274	1,673	2,476	}	(a)	(a)	(a)
Sheets and wire	137	150	203				
Foil, including interleaved with paper	922	83	(a)				
Chrome alum	1,028	1,193	(a)				
Aluminium sulphates . . .	(£8,940)	(£7,868)	(£4,898)				
French Indo-China—							
Ingots and scrap	2	3	}	(a)	(a)	(a)	(a)
Sheets, powder and wire . .	67	56					
Aluminium sulphates . . .	1,055	960					
Iran (b)—							
Ingots, sheets, scrap, etc. .	—	4	—	—	—	3	(a)
Iraq—							
Bars, sheets, wire, etc. . .	64	48	50	11	1	—	—
Aluminium sulphates . . .	275	423	570	214	433	244	552
Japan (total imports)—							
Bauxite (c)	217,000	347,000	276,000	144,000	339,000	805,000	332,000
Cryolite	1,228	5,497	(a)	(a)	(a)	(a)	(a)
Ingots, blocks, etc. (c) . .	27,000	29,000	2,000	(a)	(a)	(a)	(a)
Manchuria—							
Aluminium sulphates . . .	838	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Ingots, sheets, wire and alloys	1,031	914	641	(a)	}	(a)	(a)
Aluminium sulphates . . .	2,963	4,878	4,980	(d) 5,037			
Syria and Lebanon—							
Aluminium sulphates . . .	89	70	69	11	38	66	28
Turkey—							
Bars, sheets, wire and alloys	119	144	(a)	(a)	(a)	(a)	(a)
Aluminium sulphates . . .	691	962	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total imports for years ended March 20 of the year following that stated.

(c) U.S. Bureau of Mines.

(d) January to October only.

ANTIMONY

PRODUCTION OF ANTIMONY ORE

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Southern Rhodesia ..	77	61	109	89	181	175	124
Union of South Africa ..	12	7	141	476	1,051	1,663	2,766
Canada (c)	11	11	20	7	—	—	—
Burma (estimated) ..	90	160	300	(a)	(d) 830	(d) 830	(d) 830
India	13	—	—	70	100	140	340
Sarawak	—	15	(a)	(a)	(a)	(a)	(a)
Australia	792	448	432	1,126	1,115	569	486
New Zealand	—	—	1	8	—	—	—
FOREIGN COUNTRIES							
Austria	(a)	(a)	(a)	(a)	(a)	(a)	2,400
France	—	—	—	—	(a)	163	124
Italy	910	660	620	810	650	(a)	(a)
Portugal	156	186	265	49	133	57	35
Yugoslavia	3,370	3,700	5,700	(a)	(a)	(a)	(a)
Algeria	766	231	289	423	325	965	182
Morocco (French) ..	155	492	502	200	344	438	177
do. (Spanish) ..	80	70	70	95	160	150	20
Honduras	—	—	—	25	110	190	114
Mexico	7,907	7,749	12,074	10,956	11,491	13,466	10,758
United States (b) ..	580	351	441	1,084	2,629	4,961	4,228
Argentina	210	117	111	165	44	67	(a)
Bolivia (exports) ..	9,287	9,896	11,568	14,635	17,364	17,689	7,330
Peru	662	1,525	867	1,540	1,559	2,639	1,033
China	14,641	11,889	7,019	7,503	4,400	497	200
French Indo-China ..	102	24	10	4	1	12	30
Korea	6	(a)	(a)	(a)	(a)	(a)	(a)
Turkey	490	560	140	50	640	10	60

Antimony ore is also produced in Czecho-Slovakia, Greece and Japan.

(a) Information not available.

(b) Secondary metal was recovered as follows :—

Year	Long tons
1938	7,590
1939	8,759
1940	10,197
1941	19,312
1942	16,250
1943	13,824
1944	14,184

(c) Metal in ore exported. Metal recovered as a by-product from flue dust was as follows :—

Year	Long tons
1938	Nil
1939	536
1940	1,138
1941	1,415
1942	1,358
1943	497
1944	865

(d) Average annual production during Japanese occupation (1942 to 1945).

EXPORTS OF ANTIMONY, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Regulus, etc.	212	173	323	148	78	113	283
Southern Rhodesia—							
Antimony	102	154	207	166	276	296	238
Burma—							
Ore	(c) 226	532	664	(a)	(a)	(a)	(a)
Sarawak—							
Ore	—	29	84	(a)	(a)	(a)	(a)
Hong Kong (including re-exports)—							
Ore	537	1	—	} (a)	(a)	(a)	(a)
Crude and regulus	2,946	5,631	820				
India—							
Antimony ore	1	—	(a)	(a)	(a)	(a)	(a)
Australia—							
Ore (<i>Sb content</i>) (b)	610	450	231	—	176	—	(f) 4
Lead residues (<i>Sb content</i>) (b)	87	—	1	1	—	—	—
Regulus	330	896	—	810	—	—	—
Antimony and alloys (£ Aust.)	(£3,200)	(£5,390)	(£18,496)	(£36,257)	(£11,003)	(£23,111)	(£8,610)
FOREIGN COUNTRIES							
Austria—							
Ore	51	(d) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ore	43	101	(a)	—	466	271	—
Regulus	2,689	2,501	(a)	93	484	436	145
Czecho-Slovakia—							
Regulus	1,070	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Regulus	5	72	—	—	—	—	5
France—							
Crude and regulus	1,091	148	35	29	133	20	11
Oxide, sulphide, etc.	116	(a)	21	9	21	3	1
Germany—							
Ore, including arsenical ores	14	27	—	2	975	1,481	(e) 1,790
Regulus and scrap	3	2	5	260	252	289	(e) 87
Oxide, etc.	457	404	186	262	220	162	(e) 39
Netherlands—							
Regulus and scrap	6	22	58	28	—	—	—
Portugal—							
Ore	(a)	432	—	173	105	246	94
Spain—							
Regulus	(a)	(a)	—	—	—	35	142
Sweden—							
Crude	148	171	8	1	7	3	—
Regulus	(a)	(a)	50	15	—	—	—
Yugoslavia—							
Ore	21	69	} (a)	(a)	(a)	(a)	(a)
Regulus	761	866					

(a) Information not available.

(b) Years ended June 30 of that stated.

(c) April-December only.

(d) January to March only.

(e) January to July only.

(f) Ore.—Content not available.

EXPORTS OF ANTIMONY, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—							
Ore	—	231	289	1,143	(a)	1,294	837
Morocco (French)—							
Ore	202	1,039	644	—	(a)	(a)	(a)
Morocco (Spanish)—							
Ore	163	(a)	(a)	(a)	(a)	(a)	(a)
Honduras—							
Ore (Sb content) ..	—	—	—	24	11	175	70
Mexico—							
Ore	17,329	18,008	27,963	23,956	} (a)	(a)	(a)
Concentrates	1,530	883	890	462			
Regulus	210	253	678	304			
Sb content (b)	7,287	7,438	11,772	10,564			
Total					11,105	12,369	10,115
United States—							
Metal	(a)	(a)	(a)	(a)	32	259	622
Oxide and sulphide ..	(a)	(a)	(a)	(a)	173	137	411
Bolivia—							
Ore (Sb content)	9,287	9,896	11,568	14,637	17,364	17,689	7,330
Peru—							
Ore and metal (Sb content)	662	829	881	1,544	1,421	2,342	977
China—							
Crude	535	1,037	321	} (a)	(a)	(a)	(a)
Regulus	7,069	5,617	5,165				
Oxide	253	—	—				
French Indo-China—							
Ore	462	46	(a)	(a)	(a)	(a)	(a)
Japan—							
Regulus	12	35	(a)	(a)	(a)	(a)	(a)
Turkey—							
Ore	1,130	1,634	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total metal content of above items and not additional.

IMPORTS OF ANTIMONY, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	(b) 10,469	11,113	10,433	6,781	12,036	9,214	9,366
Crude and regulus	438	921	773	389	—	—	—
Southern Rhodesia—							
Crude and regulus	4	3	3	5	—	12	9
Union of South Africa—							
Crude and regulus	74	60	8	83	15	52	125
Canada—							
Regulus	383	107	105	1	—	107	696
Hong Kong (total imports)—							
Ore	623	—	30	} (a)	(a)	(a)	(a)
Crude and regulus	559	378	27				
Australia—							
Ore	16	15	11	20	—	—	—
Crude and regulus	36	181	78	9	—	—	—
Sulphide	50	4	6	—	—	—	—
New Zealand—							
Antimony	30	42	41	33	59	121	130
FOREIGN COUNTRIES							
Austria—							
Ore	12	(c) —	} (a)	(a)	(a)	(a)	(a)
Regulus	197	(c) —					
Belgium-Luxemburg E.U.—							
Ore	4,757	6,577	(a)	—	22	—	—
Regulus	222	61	(a)	2	6	1	—
Czecho-Slovakia—							
Regulus	7	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Regulus	184	271	77	17	9	38	6
Estonia—							
Crude and regulus	9	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Antimony	14	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Ore	2,957	2,780	2,317	1,412	1,019	—	(a)
Crude and regulus	395	206	295	—	—	1	(a)
Oxide and sulphide	261	164	39	—	—	—	(a)
Germany—							
Ore and matte	769	1,221	98	287	1,385	102	(d) 25
Regulus and scrap	3,585	2,738	2,478	2,346	2,158	2,880	(d) 1,259
Oxide, etc.	993	549	55	118	160	90	(d) 2
Italy—							
Regulus	619	(d) 64	} (a)	(a)	(a)	(a)	(a)
Oxide	107	(d) 55					
Latvia—							
Sulphide	4	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Antimony	2	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Regulus and scrap	221	299	72	—	5	37	(a)
Norway—							
Regulus	62	76	34	14	8	12	4

(a) Information not available.

(b) Including "Crude."

(c) January to March only.

(d) January to July only.

IMPORTS OF ANTIMONY, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Regulus	420	} (a)	(a)	(a)	(a)	(a)	(a)
Oxide and sulphide ..	153						
Portugal—							
Crude and alloys ..	11	4	30	7	(a)	20	9
Sulphide	14	17	9	5	—	—	(a)
Spain—							
Antimony	(a)	(a)	60	55	—	—	—
Sweden—							
Crude	222	253	97	—	—	—	—
Regulus	(a)	(a)	252	113	46	199	51
Switzerland—							
Regulus	201	266	105	100	109	35	39
Yugoslavia—							
Ore	—	394	(a)	(a)	(a)	(a)	(a)
Algeria—							
Regulus	8	—	(a)	(a)	(a)	(a)	(a)
Tunis—							
Regulus and sulphide ..	24	(a)	(a)	1	11	6	(a)
United States—							
Ore (Sb content) ..	7,430	8,436	14,048	17,309	18,702	25,674	15,250
Regulus, crude, etc. ..	179	1,137	287	7,238	580	832	246
Oxide and sulphide ..	375	154	4	2	—	(a)	(a)
Argentina—							
Ore	(a)	(a)	(a)	(a)	622	189	378
Regulus and crude ..	90	36	57	8	208	6	16
Chile—							
Regulus	6	14	8	18	161	(a)	(a)
Sulphide and oxide ..	7	10	12	4	—	(a)	(a)
Peru—							
Regulus and sulphides ..	4	4	3	3	1	—	2
Uruguay—							
Regulus	10	15	—	(a)	(a)	5	—
China—							
Regulus	205	69	301	} (a)	(a)	(a)	(a)
Sulphide	13	6	12				
French Indo-China—							
Ore	187	3	} (a)	(a)	(a)	(a)	(a)
Regulus	4	5					
Sulphide	8	14					
Netherlands East Indies—							
Antimony	25	56	16	(a)	(a)	(a)	(a)
Philippine Islands—							
Regulus, etc.	18	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Regulus	41	—	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

ARSENIC

PRODUCTION OF ARSENIC

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
White arsenic and arsenic soot	65	61	132	67	73	96	66
Southern Rhodesia—							
White arsenic	19	—	5	—	172	1,654	844
Canada—							
White arsenic	971	778	934	1,579	(b) 6,682	1,408	1,173
India—							
Orpiment	—	—	7	6	—	—	—
Australia—							
White arsenic	3,999	1,416	3,332	3,446	2,841	2,336	2,339
New Zealand—							
White arsenic	—	—	—	—	8	8	16
FOREIGN COUNTRIES							
Belgium (exports)—							
White arsenic	2,664	3,280	(a)	711	294	15	—
France—							
Ore (<i>As content</i>)	7,689	7,516	9,213	6,123	2,273	1,471	1,780
White arsenic (<i>As content</i>) (d)	7,458	5,898	6,923	4,706	4,805	4,761	1,677
Germany (exports)—							
White arsenic	2,800	1,753	264	1,967	3,523	552	(c) 570
Greece—							
White arsenic	76	111	115	(a)	(a)	(a)	(a)
Pyrites (<i>As content</i>)	899	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Ore	17,976	(a)	(a)	(a)	(a)	(a)	(a)
White arsenic	797	1,133	1,263	1,180	(a)	(a)	(a)
Portugal—							
Pyrites (<i>As content</i>)	89	318	306	398	387	439	259
Roumania—							
Pyrites (<i>As content</i>)	33	(a)	(a)	(a)	(a)	(a)	(a)
Spain—							
Pyrites (<i>As content</i>)	(a)	298	(a)	(a)	(a)	(a)	(a)
White arsenic	11	24	14	93	219	235	332
Sweden—							
Ore (<i>As content</i>)	21,141	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
White arsenic	8,754	6,951	9,121	12,641	18,228	19,980	15,064
United States—							
White arsenic	14,897	19,947	22,307	29,061	25,608	27,859	32,227
Argentina—							
Ore (<i>As content</i>)	—	—	—	—	—	169	(a)
Brazil—							
White arsenic	512	702	1,071	1,153	885	954	828
Peru—							
White arsenic	—	—	—	—	—	1,176	6,800
China (estimated)—							
Ore	(a)	400	(a)	(a)	(a)	(a)	(a)
White arsenic	(a)	800	(a)	(a)	(a)	(a)	(a)
Turkey—							
Ore	25	(a)	(a)	(a)	(a)	(a)	(a)

White arsenic is also produced in U.S.S.R., Japan and Korea.

(a) Information not available.

(b) Including 3,176 long tons of arsenic in ore exported.

(c) January to July only.

(d) Derived from ore shown and *not* additional.

EXPORTS OF ARSENIC, ETC.
(Domestic Produce)
(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
White arsenic	34	61	50	25	18	—	1
Other compounds of arsenic	129	94	203	58	64	4	4
Southern Rhodesia—							
White arsenic	12	—	—	—	—	—	—
Canada—							
White arsenic, etc. ..	615	405	503	1,758	3,744	2,954	2,677
Hong Kong (including re-exports)—							
Arsenic	25	10	15	(a)	(a)	(a)	(a)
Australia (years ended June 30)—							
Arsenic and compounds	—	121	745	1,420	1,622	545	101
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Sulphide	19	129	(a)	68	5	21	27
Metallic arsenic	1	5	(a)	—	—	3	—
White arsenic	2,664	3,280	(a)	711	294	15	—
France—							
White arsenic	2,866	3,009	2,424	67	29	1,676	418
Arsenate of lead	303	445	400	111	160	7	22
Arsenate of soda	250	186	150	160	87	—	(a)
Germany—							
Ore, including antimony ore	14	27	—	2	975	1,481	(b) 1,790
White arsenic, etc. ..	2,800	1,753	264	1,967	3,523	552	(b) 570
Greece—							
White arsenic	(a)	111	(a)	(a)	(a)	(a)	(a)
Italy—							
White arsenic	14	—	(a)	(a)	(a)	(a)	(a)
Portugal—							
White arsenic	(a)	(a)	146	513	506	918	867
Mexico—							
White arsenic (<i>As content</i>)	8,754	6,835	9,058	12,391	17,780	19,647	13,526
United States—							
White arsenic	(c) 2,050	2,838	1,464	1,924	2,727	1,764	2,144
Arsenate of lead	456	765	1,295	4,283	264	1,364	1,904
Arsenate of lime	2,341	3,005	2,178	2,633	1,760	2,850	1,076
Peru—							
White arsenic						396	4,172
China—							
Ore	41	51	35	} (a)	(a)	(a)	(a)
Arsenic	68	20	46				
Japan—							
White arsenic	775	1,442	} (a)	(a)	(a)	(a)	(a)
Arsenate of lead	344	577					
Arsenate of lime	218	896					
Turkey—							
Ore	20	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.
(b) January to July only.
(c) Estimated.

IMPORTS OF ARSENIC, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
White arsenic	3,833	4,750	5,790	5,859	6,076	4,445	4,345
Other compounds ..	127	166	159	—	26	535	—
Union of South Africa—							
Arsenate of soda ..	255	352	92	6	4	21	—
Canada—							
Sulphide	3	—	1	1	2	2	—
White arsenic	90	230	1	23	1	—	—
Arsenate of lead ..	222	254	219	—	8	2	—
Arsenate of lime ..	17	174	38	30	5	4	—
British India—							
Arsenic and its oxides ..	235	268	214	400	14	1	2
Burma—							
White arsenic	3	5	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Arsenic	33	—	—	(a)	(a)	(a)	(a)
Australia—							
White arsenic	537	769	2,364	—	—	—	—
Other compounds ..	337	235	94	6	1	—	2
New Zealand—							
White arsenic etc. ..	46	61	57	48	52	84	25
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Ore	1,123	1,329	(a)	—	—	—	—
Sulphide	4	4	(a)	6	1	—	—
Metallic arsenic ..	121	7	(a)	—	—	—	—
White arsenic	1	54	(a)	1	—	—	—
Bulgaria—							
White arsenic	2	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Sulphide	54	} (a)	(a)	(a)	(a)	(a)	(a)
Metallic arsenic ..	3		(a)	(a)	(a)	(a)	(a)
White arsenic	68		(a)	(a)	(a)	(a)	(a)
France—							
Ore	—	—	—	—	443	—	(a)
Sulphide	22	35	22	—	—	—	(a)
Metallic arsenic ..	18	15	—	—	—	—	(a)
White arsenic	22	43	10	—	—	—	(a)
Arsenate of lead ..	2	16	—	1,921	3,011	31	(a)
Germany—							
White arsenic, etc. ..	607	2,502	982	2,872	427	1,490	(b) 157
Italy—							
Metallic arsenic ..	3	(b) 3	} (a)	(a)	(a)	(a)	(a)
White arsenic	206	(b) 19		(a)	(a)	(a)	(a)
Latvia—							
White arsenic	12	(a)	(a)	(a)	(a)	(a)	(a)
Poland—							
Metallic arsenic ..	6	} (a)	(a)	(a)	(a)	(a)	(a)
White arsenic	62		(a)	(a)	(a)	(a)	(a)
Sulphides	24		(a)	(a)	(a)	(a)	(a)
Portugal—							
White arsenic	29	24	6	16	3	—	—
Arsenate of soda ..	4	3	4	3	2	1	3
Spain—							
Arsenic	(a)	(a)	3	2	—	5	—

(a) Information not available.

(b) January to July only.

IMPORTS OF ARSENIC, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Yugoslavia—							
Metallic and white arsenic	9	14	} (a)	(a)	(a)	(a)	(a)
Sulphide	3	7					
Algeria—							
Sulphide	2	} (a)	(a)	(a)	(a)	(a)	(a)
Arsenates	357						
Belgian Congo—							
White arsenic	14	7	(a)	(a)	(a)	(a)	(a)
Madagascar—							
Arsenates	12	10	10	34	(a)	—	25
Mozambique—							
Arsenate of soda	2	3	14	30	3	(a)	3
Tunis—							
Sulphide	8	(a)	(a)	3	—	—	(a)
Arsenates	1	(a)	(a)	2	51	—	(a)
United States—							
Metallic arsenic	8	17	6	1	3	3	10
White arsenic	12,712	13,102	8,865	9,189	14,598	14,017	8,688
Sulphide	108	293	98	5	(a)	(a)	—
Arsenates of lime and soda	184	730	193	536	—	60	—
Argentina—							
Sulphide	16	20	16	—	—	—	—
White arsenic	993	1,077	1,176	1,006	292	255	1,403
Compounds	1	1	—	—	—	—	—
Brazil—							
White arsenic	379	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
White arsenic	20	32	39	3	14	(a)	(a)
Arsenate of lead	72	28	83	10	49	(a)	(a)
Other arsenic compounds	15	3	3	—	—	(a)	(a)
Colombia—							
White arsenic, etc.	27	(a)	(a)	(a)	(a)	(a)	(a)
Uruguay—							
White arsenic	436	401	845	504	(a)	49	882
French Indo-China—							
Arsenic compounds	7	3	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Arsenate of lead	173	294	824	(b) 110	(a)	(a)	(a)
Turkey—							
Arsenic compounds	28	51	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to October only.

ASBESTOS

PRODUCTION OF ASBESTOS

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Kenya	(a)	(a)	(a)	(a)	(a)	350	336
Southern Rhodesia	52,509	52,065	50,007	39,405	49,824	51,916	52,047
Swaziland	—	4,099	18,575	18,863	22,852	16,907	29,160
Uganda	52	(a)	(a)	(a)	(a)	(a)	(a)
Union of South Africa—							
Amosite	7,850	10,088	15,863	16,966	22,253	20,709	20,400
Blue	7,841	9,042	7,948	6,580	6,822	9,236	8,630
Chrysotile	4,977	476	576	1,420	1,712	1,816	1,798
Anthophyllite	—	11	70	55	69	79	48
Canada (b)—							
Chrysotile	258,743	325,421	309,647	426,648	392,374	417,139	374,344
Crude	2,599	2,786	1,839	2,541	2,580	1,800	1,381
Fibre	145,622	173,207	162,126	199,792	178,419	194,544	169,851
Shorts	110,522	149,428	145,682	224,315	211,375	220,795	203,112
Sand and gravel (waste rock only) (c)	2,928	3,479	5,788	7,548	7,223	6,173	4,037
Cyprus	9,532	8,780	7,841	5,829	1,542	1,331	2,528
India	89	262	292	366	507	288	583
Australia	173	78	489	251	331	678	764
New Zealand	—	—	3	53	43	187	17
Total	342,000	410,000	411,000	516,000	498,000	521,000	490,000
FOREIGN COUNTRIES							
Finland	6,321	6,122	5,253	3,781	4,605	7,348	7,611
France	450	(a)	(a)	(a)	13	77	31
Greece	84	(a)	(a)	(a)	(a)	(a)	(a)
Italy	6,752	6,658	8,138	10,596	11,510	(a)	(a)
Portugal	(a)	(a)	(a)	(a)	128	94	32
U.S.S.R.	85,000	(a)	(a)	(a)	(a)	(a)	(a)
Egypt	—	—	—	—	—	7	236
Madagascar	—	—	—	3	107	—	3
Morocco (French)	(a)	(a)	(a)	(a)	118	179	498
United States—							
Chrysotile	11,519	13,113	15,608	17,986	11,704	1,546	6,398
Amphibole			402	1,512	2,011	1,977	350
Argentina	—	108	148	83	50	343	287
Bolivia (exports)	21	2	69	207	58	21	13
Brazil	118	25	500	(a)	(a)	(a)	(a)
Venezuela	(a)	(a)	20	(a)	(a)	(a)	(a)
China (estimated)	(a)	(a)	100	(a)	(a)	(a)	(a)
French Indo-China	—	—	—	22	144	307	2,410
Japan (estimated)	1,000	1,000	(a)	(a)	(a)	(a)	(a)
Korea	281	(a)	(a)	(a)	(a)	(a)	4,600
Turkey	657	87	87	144	288	131	230
Total	113,000	(a)	(a)	(a)	(a)	(a)	(a)
WORLD'S TOTAL	455,000	(a)	(a)	(a)	(a)	(a)	(a)

Asbestos is also produced in Czecho-Slovakia.

(a) Information not available.

(b) Sales and shipments.

(c) Not included in total.

EXPORTS OF ASBESTOS

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Unmanufactured—							
Crude and fibre ..	338	608	338	60	24	31	2
Waste, incl. asbestic ..	311	161	40	1	97	228	126
Packing, etc. ..	4,837	4,743	5,405	5,244	4,284	4,178	2,852
Cement products ..	26,411	18,154	18,752	19,495	14,711	18,903	18,328
Yarn and cloth ..	845	1,075	1,062	955	1,065	877	648
Other manufactures ..	3,629	4,467	4,726	7,321	4,568	2,919	1,771
Southern Rhodesia—							
Unmanufactured ..	52,330	45,547	51,688	48,414	55,654	50,341	41,746
Cement sheets ..	(£5)	—	—	—	(£294)	(£4,490)	(£3,297)
Union of South Africa—							
Unmanufactured ..	19,625	20,211	38,823	38,918	49,306	44,805	52,034
Manufactured (£ S.A.) ..	(£980)	(£993)	(£1,523)	(£7,851)	(£9,095)	(£32,849)	(£35,698)
Canada—							
Crude ..	147,986	166,284	1,859	2,462	2,496	1,777	1,376
Fibre ..			160,325	194,195	177,189	188,247	162,204
Sand and waste ..	109,949	142,661	138,329	208,620	201,973	205,511	189,936
Manufactured ..	(£41,877)	(£103,792)	(£68,575)	(£42,064)	(£38,958)	(£31,283)	(£41,391)
British Malaya (including re-exports)—							
Manufactured ..	201	146	586	(a)	(a)	(a)	(a)
Cyprus—							
Unmanufactured ..	5,578	9,119	8,500	4,283	3,079	1,171	1,951
Hong Kong (including re-exports)—							
Packing ..	(£605)	(£261)	(£1,969)	(a)	(a)	(a)	(a)
Other manufactures ..	(£2,159)	(£750)	(£887)				
Australia—							
Packing (£ Australian) ..	(£1,898)	(£1,662)	(£1,609)	(£2,461)	(£2,243)	(£2,038)	(£1,622)
New Zealand—							
Unmanufactured ..	—	—	3	33	19	(a)	(a)
FOREIGN COUNTRIES							
Austria (b)—							
Unmanufactured ..	44	10	(a)	(a)	(a)	(a)	(a)
Spun and woven ..	45	18					
Paper and board ..	83	32					
Cement sheets ..	4	—					
Other manufactures ..	34	20					
Belgium-Luxemburg E.U.—							
Unmanufactured ..	664	1,889	(a)	172	4	18	—
Spun and woven ..	166	181	(a)	4	—	—	—
Paper and board ..	850	874	(a)	69	—	60	8
Cement sheets and tiles	89,256	110,994	(a)	1,724	1,012	12,981	15,108
Other manufactures ..	12	4	(a)	—	—	3	—
Czecho-Slovakia—							
Unmanufactured ..	788	(a)	(a)	(a)	(a)	(a)	(a)
Spun and woven ..	101						
Paper and board ..	1,117						
Other manufactures ..	18						
Finland—							
Unmanufactured ..	2,277	2,016	1,538	1,595	2,085	3,648	848
Manufactured ..	(a)	(a)	438	1,004	1,210	1,098	2,030
France—							
Spun and woven ..	540	401	279	75	103	5	(a)
Paper and board ..	135	178	132	51	41	3	1

(a) Information not available.

(b) Figures for 1939 are for January to March only.

EXPORTS OF ASBESTOS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Unmanufactured ..	149	196	368	862	1,220	1,005	(c) 228
Spun and woven ..	657	707	471	727	617	343	(c) 129
Paper and board ..	9,823	9,102	7,303	12,391	2,981	1,489	(c) 351
Other manufactures ..	2,126	1,691	1,123	1,979	1,158	706	(c) 290
Hungary—							
Manufactured	101	194	(a)	(a)	(a)	(a)	(a)
Italy—							
Unmanufactured ..	1,763	978	537	48	610	1,028	(a)
Spun and woven ..	57	(c) 34	} (a)	(a)	(a)	(a)	(a)
Paper and board ..	31	(c) 26					
Cement products ..	18,409	(c) 9,201					
Other manufactures ..	29	(c) 11					
Netherlands—							
Unmanufactured ..	38	96	—	40	—	2	(a)
Cement sheets, tiles, etc.	518	389	238	3	21	193	(a)
Poland	16	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Unmanufactured ..	(a)	(a)	(a)	(a)	35	1	10
Spain—							
Unmanufactured ..	(a)	(a)	(a)	10	2	—	6
Manufactured	(a)	(a)	(a)	19	19	24	103
Sweden—							
Unmanufactured ..	29	5	2	—	—	—	—
Manufactured	8	15	7	1	—	—	—
Switzerland (including mica)—							
Unmanufactured ..	10	6	9	10	—	—	—
Manufactured	258	193	130	67	39	29	19
U.S.S.R.—							
Unmanufactured ..	(b) 13,429	} (a)	(a)	(a)	(a)	(a)	(a)
Manufactured	(b) 21						
Yugoslavia—							
Unmanufactured ..	—	21	(a)	(a)	(a)	(a)	(a)
United States—							
Unmanufactured ..	2,482	2,208	3,995	4,327	691	328	424
Spun, woven and packing	505	804	1,003	1,389	908	871	969
Paper and board ..	647	731	1,099	1,375	606	744	690
Brake linings	(£160,300)	(£201,351)	(£192,201)	(£356,223)	(£493,900)	(£331,100)	(£412,192)
Clutch facings	(£27,400)	(£29,117)	(£36,518)	(£90,427)	(£138,600)	(£137,600)	(£140,857)
Pipe covering and cement	1,021	1,976	1,488	1,060	949	1,236	1,525
Other manufactures ..	1,422	2,067	2,640	3,957	1,263	2,513	4,778
Argentina—							
Manufactured	4	5	5	60	11	29	18
Bolivia—							
Unmanufactured ..	21	2	69	208	58	21	—
Venezuela—							
Unmanufactured ..	—	3	20	—	—	—	(a)
Japan—							
Unmanufactured ..	164	255	} (a)	(a)	(a)	(a)	(a)
Manufactured	3,148	5,327					

(a) Information not available.

(b) January to November only

(c) January to July only.

IMPORTS OF ASBESTOS

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Unmanufactured—							
Crude and fibre ..	50,334	54,249	87,477	50,244	66,100	53,249	69,445
Waste, including asbestic	2,913	5,539	6,404	3,285	799	727	1,687
Packing, etc.	47	50	30	3	1	—	2
Cement products	23,336	34,026	4,690	4,055	2	3,835	1,121
Yarn and cloth	39	32	9	—	—	—	—
Other manufactures	1,736	4,237	1,935	1,175	527	291	8
Eire—							
Manufactured	2,557	2,029	784	1,002	618	190	781
Kenya and Uganda—							
Manufactured	426	364	107	118	26	33	12
Seychelles—							
Cement sheets	14	61	(a)	(a)	(a)	(a)	(a)
Southern Rhodesia (total imports)—							
Packing	(£1,531)	(a)	(a)	(a)	(a)	(a)	(a)
Cement sheets	(£758)	(£1,171)	(£2,277)	(£438)	(£2,934)	(£5,951)	(£6,524)
Other manufactures	(£849)	(a)	(a)	(a)	(a)	(a)	(a)
South West Africa—							
Cement sheets (£ S.A.)	(£355)	(£10)	(£344)	(£177)	—	(£669)	(£5,677)
Other manufactures (£ S.A.)	(£433)	(£705)	(£407)	(£395)	(£890)	(£124)	(£2,560)
Tanganyika Territory—							
Manufactured	346	107	51	(b) 21	—	126	44
Union of South Africa—							
Packing (£ S.A.)	(£62,023)	(£51,296)	(£70,274)	(£58,083)	(£46,878)	(£70,413)	(£56,049)
Cement products (£ S.A.)	(£17,910)	(£20,181)	(£19,775)	(£17,199)	(£7,197)	—	—
Other manufactures (£ S.A.)	(£41,028)	(£27,962)	(£22,288)	(£34,232)	(£7,602)	(£13,344)	(£7,792)
Canada—							
Packing	42	58	127	152	124	125	99
Other manufactures	(£176,275)	(£216,775)	(£329,020)	(£457,321)	(£551,015)	(£485,105)	(£334,058)
Newfoundland (c)—							
Asbestos and manufactures	(£2,398)	(£1,620)	(£1,355)	(£1,646)	(d) (£1,780)	(£5,097)	(£11,560)
British West Indies—							
St. Vincent—							
Manufactured	(£11)	(a)	(a)	(a)	(a)	(a)	(a)
Trinidad and Tobago—							
Cement products	1,849	595	487	497	1,661	922	1,197
Other manufactures	183	82	161	181	314	234	101
Aden—							
Cement sheets	140	150	102	38	396	21	8
Other manufactures	(£262)	(£1,131)	(£1,155)	(£159)	(£604)	(£212)	(£1,364)
British India—							
Unmanufactured	3,576	1,931	5,174	10,336	10,860	6,599	10,326
Cement products	3,651	2,114	909	2,368	1,433	684	364
Packing	(£9,467)	(£10,692)	(£27,091)	(£37,546)	(£41,020)	(£19,361)	(£31,469)
Other manufactures	(£54,930)	(£57,697)	(£92,356)	(£114,139)	(£102,296)	(£36,401)	(£97,874)

(a) Information not available.

(b) Excess of re-exports.

(c) Years ended June 30 of year following from 1938 to 1941 and March 31 subsequently.

(d) Nine months ended March 31, 1943.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Burma—							
Packing	(£3,671)	(£4,407)	(£5,617)	(a)	(a)	(a)	(a)
Cement products ..	958	1,019	1,288	(a)	(a)	(a)	(a)
Other manufactures ..	(£5,130)	(£4,126)	(£15,072)	(a)	(a)	(a)	(a)
British Malaya (d)—							
Manufactured	6,238	5,733	6,608	(a)	(a)	(a)	(a)
Cyprus—							
Sheets	9	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Packing	(£4,803)	(£2,254)	(£10,132)	} (a)	(a)	(a)	(a)
Other manufactures ..	(£7,318)	(£4,863)	(£11,517)				
Palestine—							
Manufactured	(£7,576)	(£6,679)	(£6,765)	(£4,650)	(£3,770)	(£4,420)	(£10,829)
Australia—							
Crude	11,179	10,081	14,097	14,220	20,176	14,229	14,091
Packing (£ Australian) ..	(£92,840)	(£85,216)	(£150,432)	(£129,277)	(£188,419)	(£137,933)	(£180,123)
New Zealand—							
Unmanufactured ..	—	—	782	2,133	2,338	3,000	2,702
Sheets, slates, tiles, etc. (£ N.Z.)	(£39,880)	(£41,252)	(£3,997)	(£423)	(£8,664)	(£3,369)	(£208)
FOREIGN COUNTRIES							
Austria (b)—							
Unmanufactured ..	4,579	1,291	} (a)	(a)	(a)	(a)	(a)
Spun and woven ..	19	2					
Paper and board ..	1	—					
Cement sheets ..	37	158					
Other manufactures ..	3	1					
Belgium-Luxemburg E.U.—							
Unmanufactured ..	15,661	16,551	(a)	99	69	23	2
Spun and woven ..	78	83	(a)	41	29	18	7
Paper and board ..	216	221	(a)	102	75	66	25
Other manufactures ..	11	3	(a)	1	—	1	1
Bulgaria—							
Unmanufactured ..	6	} (a)	(a)	(a)	(a)	(a)	(a)
Manufactured	69						
Czecho-Slovakia—							
Unmanufactured ..	5,508	} (a)	(a)	(a)	(a)	(a)	(a)
Spun and woven ..	10						
Paper and board ..	713						
Other manufactures ..	46						
Denmark—							
Unmanufactured ..	1,924	2,866	504	412	424	284	175
Spun and woven ..	76	86	46	37	42	9	13
Paper and board ..	281	290	327	330	314	345	233
Packing, etc.	126	130	85	78	91	81	96
Cement sheets	13	14	18	1,991	104	15	1
Estonia—							
Unmanufactured ..	120	} (a)	(a)	(a)	(a)	(a)	(a)
Manufactured	93						
Finland (d)—							
Unmanufactured ..	(c) 291	314	50	33	18	10	2
Manufactured	(c) 383	458	53	112	87	70	40
France—							
Unmanufactured ..	17,026	14,772	13,827	846	2,217	1,075	268
Spun and woven ..	35	32	40	2	12	4	7
Paper and board ..	61	60	13	27	117	84	9
Brake linings, etc. ..	76	50	19	—	6	7	14

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) Including mica.

(d) Total imports.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Unmanufactured ..	28,341	17,442	11,372	15,034	4,984	7,756	(b) 4,228
Spun and woven ..	59	18	7	3	14	4	(b) 53
Paper and board ..	211	3,185	2,418	2,221	1,624	3,763	(b) 437
Other manufactures ..	49	179	5	6	87	27	(b) 52
Greece	89	65	70	(a)	(a)	(a)	(a)
Hungary—							
Unmanufactured ..	1,945	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	210	228	(a)	(a)	(a)	(a)	(a)
Iceland—							
Unmanufactured ..	35	5	15	48	5	33	—
Manufactured	—	44	46	24	244	192	159
Italy—							
Unmanufactured ..	7,660	7,131	5,657	510	313	(a)	(a)
Spun and woven ..	156	(b) 45	(a)	(a)	(a)	(a)	(a)
Paper and board ..	167	(b) 88	(a)	(a)	(a)	(a)	(a)
Cement products ..	22	(b) 4	(a)	(a)	(a)	(a)	(a)
Other manufactures ..	25	(b) 8	(a)	(a)	(a)	(a)	(a)
Latvia—							
Unmanufactured ..	1,400	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	72	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Unmanufactured ..	123	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	122	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Unmanufactured ..	2,157	2,483	1,024	158	148	172	(a)
Cement sheets, tiles, etc.	17,617	22,350	11,523	1,232	113	37	(a)
Norway—							
Unmanufactured ..	498	311	153	392	403	681	424
Manufactured	503	904	564	517	561	380	198
Poland—							
Unmanufactured ..	2,364	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	155	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Unmanufactured ..	566	881	493	630	910	763	1,337
Manufactured	40	50	72	28	27	19	46
Roumania—							
Unmanufactured ..	143	67	60	(a)	(a)	(a)	(a)
Manufactured	175	(a)	(a)	(a)	(a)	(a)	(a)
Spain—							
Unmanufactured ..	(a)	(c) 541	1,765	682	1,532	925	5,112
Manufactured	(a)	(c) 182	111	321	464	444	259
Sweden—							
Unmanufactured ..	4,935	2,298	2,834	773	720	1,250	1,195
Manufactured	1,459	1,773	1,383	1,498	1,103	629	282
Switzerland (including mica)—							
Unmanufactured ..	820	2,005	2,053	725	444	514	48
Manufactured	690	774	737	1,127	587	475	517
U.S.S.R.—							
Manufactured	(d) 13	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Unmanufactured ..	931	684	(a)	(a)	(a)	(a)	(a)
Spun and woven ..	74	14	(a)	(a)	(a)	(a)	(a)
Paper and board ..	125	110	(a)	(a)	(a)	(a)	(a)
Other manufactures ..	24	107	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

(c) April to December only.

(d) January to November only.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—							
Unmanufactured ..	6	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	74	(a)	(a)	(a)	(a)	(a)	(a)
Belgian Congo—							
Cement sheets, etc. ..	211	445	(a)	(a)	(a)	(a)	(a)
Other manufactures ..	180	96	(a)	(a)	(a)	(a)	(a)
Egypt—							
Unmanufactured ..	172	122	118	107	104	105	71
Paper and board ..	98	79	71	129	177	32	41
Other manufactures ..	(£14,405)	(£12,360)	(£16,332)	(£13,480)	(£26,324)	(£13,345)	66
Costa Rica	25	59	(a)	(a)	(a)	(a)	(a)
Mexico—							
Unmanufactured ..	530	891	932	2,050	(a)	(a)	(a)
Manufactured	286	257	341	330	(a)	(a)	(a)
United States—							
Unmanufactured—							
Crude	7,004	13,076	16,848	29,610	29,122	49,639	25,641
Mill fibre	50,305	67,966	72,885	146,099	150,022	145,201	132,231
Other	102,950	135,530	130,457	198,573	195,179	198,028	183,864
Manufactured ..	784	595	74	65	1,069	114	179
Spun and woven ..	390	330	601	499	450	310	126
Paper and board ..	1,084	2,810	3,273	4,453	5,865	5,274	6,266
Bolivia—							
Unmanufactured ..	4	(a)	69	(a)	(a)	(a)	(a)
Brazil (total imports)—							
Unmanufactured ..	66	(a)	(a)	(a)	(a)	(a)	(a)
Manufactured	2,713	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Unmanufactured ..	4	5	—	—	—	(a)	(a)
Manufactured	727	2,370	1,054	1,191	2,327	(a)	(a)
Colombia—							
Unmanufactured ..	51	81	78	488	196	924	(a)
Manufactured	917	901	546	373	268	87	396
Uruguay—							
Unmanufactured ..	202	10	189	} (a)	(a)	626	350
Manufactured	81	29	72				
Venezuela—							
Unmanufactured ..	19	89	28	400	6	17	(a)
Manufactured	5,676	5,293	5,139	4,145	1,228	1,723	(a)
China—							
Unmanufactured ..	2	49	38	} (a)	(a)	(a)	(a)
Sheets, packing and mill-board	181	229	407				
Other manufactures ..	224	481	674				
French Indo-China—							
Manufactured	65	(a)	(a)	(a)	(a)	(a)	(a)
Japan (total imports)—							
Unmanufactured ..	27,780	25,347	} (b) 25,000	(b) 16,000	(a)	(a)	(a)
Manufactured	162	55					
Korea	9,867	(a)	(a)	(a)	(a)	(a)	(a)
Manchuria—							
Asbestos	1,689	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Unmanufactured ..	189	137	282	} (a)	(a)	(a)	(a)
Cement sheet	6,475	9,775	9,805				
Philippine Islands ..	(£15,300)	(£16,800)	(£14,900)	(a)	(a)	(a)	(a)
Siam (total imports)—							
Cement sheets	862	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Cement sheets, etc. ..	554	1,091	399	—	32	11	(a)
Other manufactures ..	8	8	3	2	1	5	(a)

(a) Information not available.

(b) U.S. Bureau of Mines.

BARIUM MINERALS

PRODUCTION OF BARIUM MINERALS
(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
Barytes, unground ..	47,568	59,375	82,366	64,150	57,522	59,280	57,688
Witherite, unground ..	9,914	9,881	12,965	9,709	12,813	11,835	10,839
Barytes—							
Ground, bleached ..	4,011	4,597	5,278	2,820	3,306	2,768	3,243
do. unbleached ..	14,825	20,958	23,726	24,975	25,086	27,230	27,066
Eire—							
Barytes, refined ..	(a)	(a)	(a)	(a)	(a)	4,375	5,496
do. unrefined ..	(a)	(a)	(a)	(a)	(a)	1,023	4,857
Canada	—	288	302	6,152	17,560	21,852	105,999
Southern Rhodesia ..	89	49	384	1,050	2,633	1,236	13
Union of South Africa ..	483	432	754	1,398	733	2,696	3,150
India	8,075	9,255	18,778	12,962	18,258	8,860	15,299
Australia	3,180	4,149	4,967	4,911	6,410	4,537	4,416
FOREIGN COUNTRIES							
France	27,310	(a)	(c) 2,210	(c) 4,424	26,524	18,000	9,424
Germany—							
Baden	35,732	33,864	28,659	40,249	43,459	(a)	(a)
Bavaria	26,326	31,416	46,658	25,385	27,102	28,805	22,659
Prussia	395,401	332,099	247,105	263,078	254,518	255,000	250,000
Saxony	226	251	66	15	25	(a)	(a)
Thuringia	15,073	13,590	13,150	10,530	9,209	(a)	(a)
Greece	34,150	23,675	(a)	(a)	(a)	(a)	(a)
Italy	47,408	53,042	31,366	25,620	37,008	(a)	(a)
Portugal	13	24	20	38	222	1	69
Spain	492	8,175	9,363	7,755	6,897	6,210	7,373
Algeria	3,002	(a)	(a)	(c) 2,540	(c) 2,709	2,005	1,334
Egypt	20	31	60	30	59	71	19
Tunisia	(a)	(a)	(a)	(a)	(a)	71	66
Cuba (b)	6,065	10,503	15,851	15,967	3,727	3,108	8,089
United States	299,494	326,670	348,627	431,599	401,672	383,302	459,050
Argentina	—	756	2,638	4,108	6,971	10,835	14,178
French Indo-China ..	49	153	182	270	100	—	—
Korea	13,183	(a)	(a)	(a)	(a)	(a)	(a)

Barytes is also produced in Czecho-Slovakia, Norway, U.S.S.R., China, Japan and Brazil.

(a) Information not available.

(b) Exports.

(c) U.S. Bureau of Mines.

EXPORTS OF BARIUM MINERALS, ETC.*

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Unground barytes ..	694	1,569	1,834	3,852	593	10	—
Ground barytes ..	885	1,082	1,643	1,475	777	38	66
Dioxide ..	131	81	92	122	129	108	40
Barium, compounds, excluding blanc fixe ..	2,824	3,589	4,701	3,594	2,696	1,065	740
Eire—							
Unground barytes ..	—	—	—	—	—	—	267
Ground barytes ..	—	—	—	—	174	2,748	4,419
British India—							
Barytes ..	1,050	3,868	—	—	—	—	—
FOREIGN COUNTRIES							
Austria—							
Barytes ..	17	(b) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Barytes, including Iceland spar and cryolite ..	3,420	8,319	(a)	118	315	30	8
Chloride ..	3,569	4,303	(a)	476	6	505	30
Sulphate ..	766	1,236	(a)	362	226	176	—
Sulphide ..	20	8	(a)	19	143	34	—
Czecho-Slovakia—							
Barytes ..	500	} (a)	(a)	(a)	(a)	(a)	(a)
Chloride ..	378						
Sulphate ..	57						
France—							
Barytes ..	3,044	2,447	3,278	38	17	—	(a)
Barium compounds ..	2,150	1,846	803	143	48	2	3
Germany—							
Barytes and celestite ..	161,727	120,379	31,357	32,129	21,544	18,311	(c) 12,883
Witherite and strontianite	358	294	60	30	146	77	(c) 62
Carbonate ..	3,484	4,135	3,045	4,074	3,438	2,590	(c) 1,357
Chloride ..	2,383	3,262	1,558	1,768	640	2,076	(c) 808
Nitrate ..	403	531	241	189	417	363	(c) 118
Sulphate ..	4,512	5,087	2,511	3,966	5,425	6,063	(c) 4,128
Greece—							
Barytes ..	32,476	21,965	9,776	(a)	(a)	(a)	(a)
Italy—							
Sulphate ..	19,357	(c) 13,023	} (a)	(a)	(a)	(a)	(a)
Chloride ..	4	(c) 112					
Hydrate ..	66	(c) 61					
Oxides ..	10	(c) 10					
Sulphide ..	1	(a)					
Latvia—							
Sulphate ..	7	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Barytes ..	58	416	56	3	3	3	(a)
Yugoslavia—							
Barytes ..	2,435	2,906	} (a)	(a)	(a)	(a)	(a)
do. ground ..	127	321					
Algeria—							
Barytes ..	2,970	(a)	(a)	(a)	(a)	(a)	(a)
Cuba—							
Barytes ..	6,065	10,503	15,851	15,967	3,727	3,108	8,089
United States—							
Witherite ..	(a)	(a)	(a)	(a)	49	5	26
Korea—							
Barytes ..	15,481	(a)	(a)	(a)	(a)	(a)	(a)

* For lithopone see "Zinc," page 358.

(a) Information not available.

(b) January to March only.

(c) January to July only.

IMPORTS OF BARIUM MINERALS, ETC.*

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Unground barytes ..	13,906	16,928	178	—	—	95	300
Ground barytes ..	25,901	21,455	10,584	(c) 1	569	2,620	4,304
Barium compounds, excluding blanc fixe ..	2,063	2,279	526	(c) 10	379	45	—
Eire—							
Ground barytes, including blanc fixe ..	1,062	990	1,003	461	22	11	1
Union of South Africa—							
Barytes ..	1,836	1,474	1,783	2,348	2,767	1,465	300
Carbonate and dioxide ..	149	177	267	193	45	121	125
Canada—							
Barytes ..	1,952	1,942	2,341	3,064	2,264	1,506	1,629
Blanc fixe ..	281	490	516	589	277	154	245
British West Indies—							
Trinidad and Tobago—							
Barytes ..	23,111	17,287	27,880	22,953	8,905	18,357	6,720
British India—							
Barytes ..	375	266	25	53	22	17	23
Burma—							
Barytes ..	1,147	564	158	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria (b)—							
Barytes ..	1,913	—	} (a)	(a)	(a)	(a)	(a)
Chloride ..	103	—					
Belgium-Luxemburg E.U.—							
Barytes, including Iceland spar and cryolite ..	45,740	47,690	(a)	13,870	6,727	3,140	343
Chloride ..	398	355	(a)	50	25	147	43
Dioxide ..	1	1	(a)	1	—	—	—
Sulphate ..	745	851	(a)	629	1,689	933	1,235
Sulphide ..	30	24	(a)	76	142	153	197
Bulgaria—							
Sulphate ..	13	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Unground barytes ..	1,660	} (a)	(a)	(a)	(a)	(a)	(a)
Ground barytes ..	963						
Carbonate ..	339						
Chloride ..	1						
Sulphate ..	50						
Denmark—							
Witherite and carbonate	250	346	297	259	159	205	269
Chloride ..	12	76	42	26	2	125	42
Sulphate ..	(a)	1,679	857	1,061	1,082	1,241	1,518
Estonia—							
Barytes, ground ..	54	} (a)	(a)	(a)	(a)	(a)	(a)
Sulphate ..	2						

* For lithopone see "Zinc," page 362.

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) Excess of re-exports.

IMPORTS OF BARIUM MINERALS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Finland (total imports)—							
Barytes	714	633	513	385	900	357	431
Witherite	(b) 1,157	6	—	—	—	—	—
Chloride	15	44	9	52	—	15	15
Carbonate	(a)	72	3	31	35	49	32
Sulphate	(a)	44	72	155	66	33	21
France—							
Barytes	23,770	17,839	2,179	522	583	119	242
Witherite	226	185	649	—	—	—	—
Chloride	783	818	30	1,094	260	76	51
Hydrate	52	61	34	—	33	17	(a)
Nitrate	—	—	—	32	80	128	11
Precipitated carbonate	—	—	—	909	574	632	230
Sulphate	349	379	244	287	921	1,433	310
Sulphide	2	5	—	9	85	119	3
Germany—							
Barytes and celestite	746	2,862	1,770	8,324	14,623	7,874	(c) 2,381
Witherite and strontianite	61	24	—	7	—	—	(c) —
Hungary—							
Ground barytes	701	1,251	} (a)	(a)	(a)	(a)	(a)
Sulphate	155	188					
Italy—							
Carbonate	259	(c) 87	} (a)	(a)	(a)	(a)	(a)
Chloride	110	(c) 106					
Oxide and dioxide	41	(c) 10					
Sulphate	262	(c) 377					
Latvia—							
Carbonate	15	} (a)	(a)	(a)	(a)	(a)	(a)
Chloride	8						
Oxide	9						
Sulphate	19						
Lithuania—							
Barytes and witherite	116	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Barytes	21,980	21,978	11,702	6,571	4,726	5,158	(a)
Blanc fixe	961	1,658	1,663	876	1,148	1,597	(a)
Poland—							
Barytes	2,997	} (a)	(a)	(a)	(a)	(a)	(a)
Carbonate	93						
Chloride	13						
Oxide	1						
Sulphate	189						
Portugal—							
Barytes	605	465	19	246	374	(a)	(a)
Carbonate	(a)	(a)	(a)	(a)	29	12	12
Chloride	48	77	114	65	10	35	—
Dioxide	6	7	4	5	(a)	(a)	(a)
Sulphate	180	108	88	91	20	8	12
Sweden—							
Barytes and witherite	1,623	3,127	1,422	1,747	2,345	1,170	2,268
Yugoslavia—							
Ground barytes	57	12	} (a)	(a)	(a)	(a)	(a)
Chloride	15	40					
Algeria—							
Barytes	21	} (a)	(a)	(a)	(a)	(a)	(a)
Oxide, etc.	48						
Mexico—							
Barytes	86	224	144	62	(a)	(a)	(a)
Chloride	2	75	24	60	(a)	(a)	(a)

(a) Information not available.

(b) Including magnesite.

(c) January to July only.

IMPORTS OF BARIUM MINERALS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
Unground barytes ..	22,183	10,346	6,599	407	4,179	—	60,614
Ground barytes ..	1,518	1,420	280	—	—	—	10,682
Witherite ..	1,888	3,410	3,200	2,044	2,737	480	—
Sulphate ..	94	34	(b)	13	25	(b)	—
Barium compounds ..	429	346	155	268	319	173	—
Argentina—							
Barytes ..	5,041	5,585	6,753	1,941	1,079	683	15
Sulphate ..	282	224	470	547	255	431	61
Barium compounds ..	1,112	1,693	1,002	667	638	369	47
Brazil—							
Chloride ..	79	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Sulphate ..	3	2	5	6	—	(a)	(a)
Carbonate ..	29	9	34	10	—	(a)	(a)
Chloride ..	40	21	34	42	8	(a)	(a)
Oxides ..	30	20	57	5	47	(a)	(a)
Colombia—							
Chloride ..	7	1	—	3	3	2	(a)
Sulphate ..	417	59	989	412	6	7	8
Peru—							
Barium compounds ..	84	98	106	94	48	99	74
Uruguay—							
Chloride ..	27	37	55	(a)	(a)	(a)	(a)
Oxides ..	—	1	—	(a)	(a)	27	27
Sulphate ..	416	532	588	(a)	(a)	441	598
Venezuela—							
Sulphate ..	1,773	2,070	630	2,955	374	941	—
China—							
Carbonate ..	15	20	12	} (a)	(a)	(a)	(a)
Chloride ..	3	3	5				
French Indo-China—							
Barytes ..	18	42	} (a)	(a)	(a)	(a)	(a)
Chloride ..	22	8					
Sulphate ..	1	5					
Netherlands East Indies—							
Chloride ..	18	8	35	(a)	(a)	(a)	(a)
Turkey—							
Barytes ..	(a)	1,138	(a)	(a)	(a)	(a)	(a)
Barium compounds ..	16	17	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Included with "Barium compounds."

BISMUTH

PRODUCTION OF BISMUTH ORE, ETC.*

(Cwt.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Uganda— Ore	8	—	(a)	(a)	(a)	(a)	(a)
Union of South Africa— Ore (<i>Bi content</i>) ..	52	27	7	7	3	37	16
Canada— Metal and content of bullion.. .. .	85	3,656	523	67	3,103	3,639	1,106
Burma— Metal	4	8	(a)	(a)	(a)	(a)	(a)
Australia— Ore and metal (<i>Bi content</i>)	87	23	40	14	15	113	70
FOREIGN COUNTRIES							
France— Mispickel (<i>Bi content</i>) ..	335	295	59	600	200	80	60
Metal	180	138	138	(a)	220	100	60
Norway— Copper ore (<i>Bi content</i>)	5	—	—	—	—	—	—
Roumania— Bismuth-Molybdenum ore	3,150	79,820	(a)	(a)	(a)	(a)	(a)
Mexico— Ore (<i>Bi content</i>)	3,657	3,222	3,650	1,928	2,520	3,446	3,248
Argentina— Ore (<i>Bi content</i>) ..	—	60	88	91	341	500	(a)
Bolivia (exports)— Ore, etc. (<i>Bi content</i>) ..	338	250	370	248	175	244	12
Peru— Lead-silver bullion, etc. (<i>Bi content</i>)	259	1,032	1,108	3,506	333	—	—
Metal	3,975	7,914	7,627	5,451	7,361	9,506	8,192

* Bismuth ore is also produced in Germany, Spain and China and the metal recovered as a by-product in the United Kingdom, Sweden, U.S.S.R., United States and Japan.

(a) Information not available.

EXPORTS OF BISMUTH, ETC.

(Domestic Produce)

(Cwt.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom— Bismuth	2,055	2,181	281	3	2	3	101
Hong Kong (including re- exports)— Ore	460	1,071	1,000	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
France— Bismuth	199	89	12	—	—	—	(a)
Bismuth salts	1,037	1,065	616	61	43	—	(a)
Germany— Bismuth salts	1,372	1,439	447	1,230	1,215	652	(b) 79
Italy— Bismuth salts	6	(a)	(a)	(a)	(a)	(a)	(a)
Poland— Bismuth salts	37	(a)	(a)	(a)	(a)	(a)	(a)
Spain— Bismuth	(a)	(a)	—	10	—	6	—
Bismuth salts	(a)	(a)	—	20	202	86	1
Mexico— Bars, etc. (<i>Bi content</i>) ..	—	—	—	1,249	(a)	(a)	(a)
United States— Matte, residues, etc. ..	(a)	(a)	(a)	(a)	103	—	—
Metal and alloys ..					132	145	91
Salts					2,340	671	984
Bolivia— Ore, etc. (<i>Bi content</i>) ..	338	249	368	248	175	244	12
Peru— Bars, etc. (<i>Bi content</i>) ..	4,307	8,617	7,532	10,225	6,812	9,536	8,756

(a) Information not available.

(b) January to July only.

IMPORTS OF BISMUTH, ETC.
(Less Re-exports)
(Cwt.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bismuth	5,014	6,540	7,377	7,327	9,015	8,564	7,021
Canada—							
Bismuth	3	92	—	1	—	—	—
Bismuth salts	(£3,400)	(£1,877)	(£3,894)	(£2,797)	(£2,642)	(£3,522)	(£599)
Hong Kong (total imports)—							
Ore	465	342	81	(a)	(a)	(a)	(a)
Australia—							
Bismuth salts	409	167	523	315	805	725	191
New Zealand—							
Bismuth and its salts (& N.Z.)	(£4,568)	(£4,231)	(£10,082)	(£6,415)	(£10,364)	(£14,180)	(£9,478)
FOREIGN COUNTRIES							
Estonia—							
Bismuth salts	12	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Bismuth	3,142	3,197	1,224	8	—	—	(a)
Bismuth salts	—	10	—	—	75	33	(a)
Germany—							
Bismuth salts	—	—	—	108	2	2	(b) 6
Italy—							
Bismuth salts	110	(a)	(a)	(a)	(a)	(a)	(a)
Latvia—							
Bismuth salts	13	(a)	(a)	(a)	(a)	(a)	(a)
Poland—							
Bismuth salts	4	(a)	(a)	(a)	(a)	(a)	(a)
Roumania—							
Bismuth salts	36	162	143	(a)	(a)	(a)	(a)
Spain—							
Bismuth salts	(a)	(a)	177	192	54	86	156
Algeria—							
Bismuth salts	39	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
Bismuth	—	—	5	1	(a)	(a)	(a)
Bismuth salts	86	85	100	390	(a)	(a)	(a)
United States—							
Bismuth	824	1,632	1,106	1,995	—	4,483	3,250
Bismuth salts	18	3	—	—	—	—	—
Argentina—							
Bismuth	127	130	73	26	33	18	17
Bismuth salts	264	182	56	14	5	12	15
Chile—							
Ore	(a)	(a)	(a)	(a)	57	(a)	(a)
Bismuth	—	42	57	48	55	(a)	(a)
Bismuth salts	68	56	3	32	36	(a)	(a)
Colombia—							
Bismuth salts	152	47	29	77	82	33	(a)
Peru—							
Bismuth salts	21	24	19	25	2	24	19
Venezuela—							
Bismuth salts	118	149	126	57	137	88	(a)
French Indo-China—							
Bismuth	37	—	(a)	(a)	(a)	(a)	(a)
Bismuth salts	18	43	(a)	(a)	(a)	(a)	(a)
Turkey—							
Bismuth	2	3	(a)	(a)	(a)	(a)	(a)
Bismuth salts	67	93	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

BORATES

PRODUCTION OF CRUDE BORATES

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Italy— Boric acid	6,098	(a)	(a)	(a)	(a)	(a)	(a)
United States— Borates	192,555	219,004	217,281	269,002	202,431	229,137	247,845
Argentina— Borate of calcium ..	6,598	11,942	8,590	13,546	4,685	6,844	5,471
Tibet (b)— Borax	447	380	439	402	501	335	(a)
Turkey— Borates	3,999	14,930	5,295	2,155	20	300	408

Borates are also produced in the U.S.S.R. and Germany.

(a) Information not available.

(b) Imports into India from Tibet.

EXPORTS OF BORATES

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Borates	1	—	2	—	—	—	—
Borax	1,474	2,064	1,681	887	262	282	202
Boric acid	734	685	695	390	182	134	92
British India—							
Borax	41	32	28	32	—	—	—
Hong Kong (including re-exports)—							
Borax	200	273	246	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria—							
Borax	2	(b) 99	} (a)	(a)	(a)	(a)	(a)
Boric acid	23	(b) —					
Belgium-Luxemburg E.U.—							
Borates	1	421	(a)	204	30	4	—
Borax	23	143	(a)	10	3	—	—
Boric acid	1	1	(a)	—	—	—	—
France—							
Borax, borates and boric acid	1,303	882	812	10	278	30	(a)
Germany—							
Borax and boric acid	2,621	2,241	223	180	61	49	(c) 25
Italy							
Borax	1,402	(c) 877	} (a)	(a)	(a)	(a)	(a)
Boric acid	1,221	(c) 786					
Perborates	499	(c) 180					
Netherlands—							
Borax	248	407	10	1	1	1	(a)
Sweden—							
Borax and boric acid	1	1	7	1	3	1	50
United States—							
Borates and borax	69,213	81,374	57,422	37,315	32,626	24,115	29,244
Perborate of sodium	(a)	(a)	(a)	(a)	291	271	43
Boric acid	4,996	8,291	8,721	6,821	8,555	5,408	8,942
Argentina—							
Borates of calcium and soda	6,555	9,426	6,297	9,916	1,891	1,459	1,014
Japan—							
Borax	223	323	} (a)	(a)	(a)	(a)	(a)
Boric acid	91	311					
Tibet (d)—							
Borax	447	380	439	402	501	335	(a)
Turkey—							
Borates	(e)	(e)	(e)	(e)	(e)	(e)	(e)

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) Imports into India from Tibet.

(e) Not recorded separately. Imports into the United Kingdom, Germany and France from Turkey were as follows :—

	(Long tons)							
	1938	1939	1940	1941	1942	1943	1944	
United Kingdom	2,550	3,700	2,500	1,830	—	—	—	
France	1,999	949	2,349	—	—	—	—	
Germany	—	9,678	(a)	—	—	(a)	(a)	

IMPORTS OF BORATES

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Borates	13,446	17,853	19,483	12,340	14,470	5,669	11,638
Borax	7,921	13,830	10,561	4,270	7,358	1,176	7,070
Boric acid	1,437	3,461	3,826	3,552	4,829	1,019	3,552
Eire—							
Borax	185	206	258	199	150	120	151
Boric acid	82	111	114	67	70	45	54
Southern Rhodesia—							
Borax	90	92	105	86	67	113	9
Union of South Africa—							
Borax	368	479	523	591	364	529	374
Boric acid	181	251	246	257	165	443	122
Canada—							
Borax	3,023	3,320	3,396	4,778	4,722	4,233	4,272
Boric acid	725	1,029	927	877	1,096	999	1,063
Aden—							
Borax	1	4	2	—	16	—	—
British India—							
Borax (b)	1,768	1,643	2,606	2,233	2,583	2,367	2,413
Burma—							
Borax	51	48	147	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Borax	245	637	602	(a)	(a)	(a)	(a)
Australia—							
Borax	1,553	857	—	35	—	—	1,217
Boric acid	325	559	741	1,258	640	432	518
New Zealand—							
Borax	249	383	209	78	27	509	19
Boric acid	50	48	84	69	98	186	72
FOREIGN COUNTRIES							
Austria (c)—							
Borax	528	269	} (a)	(a)	(a)	(a)	(a)
Boric acid	28	—					
Perborate of sodium ..	387	—					
Belgium-Luxemburg E.U.—							
Borates	1,004	2,252	(a)	—	—	—	—
Borax	1,090	895	(a)	45	10	1	3
Boric acid	211	248	(a)	28	9	23	—
Perborate of sodium ..	144	176	(a)	8	—	—	—
Bulgaria—							
Borax and boric acid ..	130	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Borax	1,630	} (a)	(a)	(a)	(a)	(a)	(a)
Boric acid	361						
Denmark—							
Borax	23	25	1	38	107	28	11
Borates and perborates ..	107	942	841	413	9	5	—
Boric acid	223	118	81	75	17	37	—
Estonia—							
Borax and boric acid ..	25	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Borax	231	383	100	79	24	48	10
Boric acid	61	88	16	50	10	25	—

(a) Information not available.

(b) Includes trade by land as recorded.

(c) Figures for 1939 are for January to March only.

IMPORTS OF BORATES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—							
Borates	6,822	6,024	2,942	845	2	—	(a)
Borax	3,367	3,005	1,198	917	45	32	(a)
Borate of manganese	2	1	—	—	—	—	(a)
Perborate of sodium	6	4	—	—	—	—	(a)
Boric acid	349	445	31	191	10	1	6
Germany—							
Borates	12,238	20,110	1,007	57	90	558	(b) 30
Borax and boric acid	8,769	6,916	1,522	545	436	354	(b) 1,266
Greece—							
Borax	117	206	109	(a)	(a)	(a)	(a)
Hungary—							
Borax and borates	360	(a)	(a)	(a)	(a)	(a)	(a)
Boric acid	225	204	(a)	(a)	(a)	(a)	(a)
Italy—							
Boric acid	1	(b) —	(a)	(a)	(a)	(a)	(a)
Perborates	13	7	(a)	(a)	(a)	(a)	(a)
Latvia—							
Borax and boric acid	114	(a)	(a)	(a)	(a)	(a)	(a)
Perborate of sodium	34	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Borax and boric acid	110	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Borax	3,604	3,559	1,438	95	49	1	(a)
Norway—							
Borax	190	341	200	13	4	1	1
Boric acid	80	133	54	4	2	—	55
Poland—							
Boron minerals	2,337	(a)	(a)	(a)	(a)	(a)	(a)
Borax and borates	18	(a)	(a)	(a)	(a)	(a)	(a)
Boric acid	2	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Borates	385	351	210	227	282	447	574
Boric acid	78	33	75	60	52	85	85
Roumania—							
Borax	228	298	168	(a)	(a)	(a)	(a)
Boric acid	117	124	125	(a)	(a)	(a)	(a)
Spain—							
Borates	(a)	(a)	29	33	50	50	148
Boric acid	(a)	(a)	5	241	270	353	176
Sweden—							
Borax	1,136	1,147	1,118	463	788	929	252
Boric acid	181	246	90	194	227	105	225
Switzerland—							
Borax	1,338	1,217	1,570	383	164	287	38
Yugoslavia—							
Borax and boric acid, crude	102	98	(a)	(a)	(a)	(a)	(a)
Borax, refined	231	46	(a)	(a)	(a)	(a)	(a)
Boric acid, refined	23	—	(a)	(a)	(a)	(a)	(a)
Algeria—							
Borax and boric acid	32	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Borax	151	179	129	214	107	107	97
Boric acid	25	39	31	39	15	8	35
Mozambique—							
Borax	2	2	1	—	1	1	2
Tunis—							
Borax	12	(a)	(a)	2	35	—	(a)
Boric acid	3	(a)	(a)	—	22	—	(a)

(a) Information not available.

(b) January to July only.

IMPORTS OF BORATES (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Mexico—							
Borax	541	1,521	770	1,108	(a)	(a)	(a)
Boric acid	31	73	30	101	(a)	(a)	(a)
Argentina—							
Borax	8	7	36	4	5	2	—
Boric acid	16	20	17	—	2	1	1
Brazil (total imports)—							
Borax	470	(a)	(a)	(a)	(a)	(a)	(a)
Boric acid	101	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Borates	30	67	93	29	51	(a)	(a)
Boric acid	1	1	—	20	—	(a)	(a)
Colombia—							
Borates	78	120	71	180	197	249	102
Perborate of sodium ..	4	8	12	25	3	100	(a)
Boric acid	32	57	38	49	96	73	44
Peru—							
Borax	36	27	16	71	92	22	77
Uruguay—							
Borax	3	2	—	(a)	(a)	(a)	(a)
Borate of calcium ..	119	231	291	(a)	(a)	117	100
Venezuela—							
Borax	12	12	13	7	14	32	(a)
Boric acid	22	30	18	34	27	25	(a)
China—							
Borax	280	877	1,700	} (a)	(a)	(a)	(a)
Boric acid	145	297	260				
French Indo-China—							
Borax	232	243	} (a)	(a)	(a)	(a)	(a)
Boric acid	6	9					
Japan (total imports)—							
Borax	4,343	623	(a)	(a)	(a)	(a)	(a)
Manchuria—							
Borax	298	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Borax	47	50	85	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Borax	3	7	4	—	—	2	(a)
Boric acid	6	2	8	—	1	1	(a)

(a) Information not available.

BROMINE
PRODUCTION OF BROMINE
 (lb. avdp.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Palestine (c)	1,085,000	1,299,000	2,061,000	1,709,000	3,957,000	3,142,000	1,342,000
FOREIGN COUNTRIES							
France	1,715,000	2,494,000	1,764,000	430,000	1,537,000	381,000	642,000
Germany	(b) 3,300,000	(a)	(a)	(a)	(a)	(a)	(a)
Italy	353,000	(a)	(a)	(a)	(a)	(a)	(a)
United States (c)	33,324,116	37,882,005	59,266,275	68,317,019	65,880,935	94,085,937	102,112,462

(a) Information not available.

(b) Estimated.

(c) Includes bromine content of compounds.

EXPORTS OF BROMINE, ETC.

(Domestic Produce)

(lb. avdp.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bromine	13,700	1,700	2,200	560	1,120	1,340	340
Bromide of iron	8,100	1,200	28,300	—	2,500	—	—
Ethyl bromide	186	—	—	73	113	2	31
Other bromides	335,600	191,400	326,400	125,700	326,600	134,300	64,800
Palestine—							
Bromine	1,061,000	1,298,000	(a)	(a)	117,700	500	18,200
FOREIGN COUNTRIES							
Belgium-Luxemburg E. U.—							
Bromine	7,500	17,850	(a)	—	—	—	—
France—							
Bromine	195,500	46,100	331,100	1,069,900	385,800	61,300	33,500
Bromides	1,628,800	665,100	123,900	50,000	19,000	35,300	13,900
Germany—							
Bromine	61,100	422,000	74,700	74,700	73,400	71,700	(b) 13,900
Bromides	539,000	670,900	569,900	714,700	1,052,700	1,524,500	(b) 338,200
Italy—							
Bromine	10,880	(b) —	} (a)	(a)	(a)	(a)	(a)
Bromides	35	(b) 121					
Ethyl bromide	18,300	(b) —					
United States—							
Bromine	} (a)	(a)	(a)	1,474,174	180,029	10,566	29,391
Bromide of potash					518,958	307,334	277,197
do. soda					2,747,504	2,567,995	877,128
Ethyl dibromide					273,610	3,734,900	197,500
Other bromides and bromates					93,488	303,526	556,872

(a) Information not available.

(b) January to July only.

IMPORTS OF BROMINE, ETC.

(Less Re-exports)

(lb. avdp.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bromine	969,000	1,436,000	1,728,000	928,000	199,000	—	11,000
Bromides	276,900	246,000	520,000	180,000	1,826,000	4,777,000	1,997,000
Union of South Africa—							
Bromine	260	209	163	184	4	78	473
Canada—							
Bromine	3,632	72,883	146,510	96,033	63,720	4,556	6,326
Bromides	2,623	—	—	—	—	—	—
Australia (years ended June 30)—							
Bromine and bromides ..	86,379	98,288	142,874	266,946	160,711	167,855	71,683
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Bromine	2,900	3,100	(a)	8,400	7,900	5,500	14,000
Bulgaria—							
Bromine	117	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Bromine	4,200	(a)	(a)	(a)	(a)	(a)	(a)
Estonia—							
Bromine	22	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Bromide of soda ..	2,509						
Bromide of potash ..	1,179						
Bromide of ammonium..	531						
France—							
Bromine	—	—	80,500	—	—	—	(a)
Bromides	2,600	700	700	—	—	—	(a)
Ethyl bromide	52,200	520,100	334,000	—	—	—	(a)
Germany—							
Bromine	—	—	13,900	—	—	14,300	(b) 15,500
Italy—							
Bromine	66	(b) 46	} (a)	} (a)	} (a)	} (a)	} (a)
Bromides	3,254	(b) 2,436					
Ethyl bromide	400	(a)					
Latvia—							
Bromide of soda ..	4,877	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Bromide of potash ..	5,075						
Bromide of ammonium..	225						
Other bromides	7,624						
Norway—							
Bromine	489	351	104	220	884	212	93
Poland—							
Bromine	33,100	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Bromides of soda and potash	69,700						
Portugal—							
Bromine	494	260	110	683	1,365	383	392
Bromide of soda ..	1,318	1,385	1,689	3,380	6,889	8,161	1,598
Bromide of potash ..	4,921	4,292	5,615	8,466	14,220	10,498	4,650
Bromide of ammonium..	1,731	767	390	1,435	12,461	915	672
Spain—							
Bromine	(a)	(a)	611	240	2,820	3,190	1,616
Bromides	(a)	(a)	17,586	73,798	182,071	103,518	5,368
Yugoslavia—							
Bromine and bromides ..	11,290	13,733	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

IMPORTS OF BROMINE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Mexico—							
Bromides of potash and soda	53,800	58,600	17,410	36,652	(a)	(a)	(a)
United States—							
Bromine and compounds	1,312	3,518	4,186	3,285	2,092	63	165
Ethyl dibromide ..	1,210,005	(a)	(a)	(a)	(a)	(a)	—
Argentina—							
Bromine and bromides ..	4,447	4,462	3,940	6,947	29,473	11,164	1,806
Chile—							
Bromine	448	225	112	459	456	(a)	(a)
Bromide of ammonium ..	4,339	787	(a)	(a)	(a)	(a)	(a)
Bromide of strontium ..	130	143	275		921	(a)	(a)
Peru—							
Bromine	282	258	104	115	198	276	1,213
Uruguay—							
Bromine	190	289	33	} (a)	(a)	(a)	(a)
Bromides	2,703	3,594	3,726				
French Indo-China—							
Bromides	4,000	3,500	(a)	(a)	(a)	(a)	(a)
Turkey—							
Bromine	234	247	(a)	(a)	(a)	(a)	(a)
Bromides	897	805	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

CADMIUM

PRODUCTION OF CADMIUM

(lb. avdp.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	275,354	233,000	403,000	327,000	336,000	370,000	435,000
South West Africa (d) ..	307,000	511,000	(a)	(a)	(a)	(a)	(a)
Canada	699,138	939,691	908,127	1,251,291	1,148,963	786,611	526,970
Australia	439,436	385,280	385,280	430,080	365,571	351,680	560,000
FOREIGN COUNTRIES							
Belgium	400,000	(a)	(a)	(a)	(a)	(a)	(a)
France	265,000	287,000	220,000	(f) 44,092	(f) 22,046	22,000	11,600
Germany	957,000	884,000	653,000	820,000	536,000	608,000	461,000
Italy (f)	322,000	322,753	473,548	405,646	(a)	210,098	85,538
Norway	458,000	(f) 304,000	(f) 63,000	(f) 55,000	(f) 30,000	(f) 25,000	23,400
Poland	538,000	487,000	518,000	520,000	511,000	485,000	430,000
U.S.S.R.	(g) 110,000	(a)	(a)	(a)	(a)	(a)	(a)
Belgian Congo	—	—	—	6,692	60,000	50,899	48,483
United States (e)—							
Metal	4,077,961	4,411,530	6,154,200	6,937,931	7,323,346	8,396,292	8,453,470
Compounds(metalcontent)	216,400	379,000	209,400	295,600	47,623	70,671	326,386
Mexico (b)	1,680,800	1,800,259	1,798,385	1,998,660	1,883,310	1,768,072	1,545,447
Peru.. ..	—	—	—	—	—	8,818	22,046

Cadmium is also produced in the Netherlands, Sweden and Japan.

(a) Information not available.

(b) Including cadmium content of flue dust, etc., exported for treatment.

(d) Estimated cadmium content of flue dust produced during the years ended March 31.

(e) In addition Secondary (metal and cadmium content of compounds) produced was as follows :

1940	227,900 lbs.
1941	379,500 "
1942	316,345 "
1943	162,424 "
1944	106,850 "

(f) American Bureau of Metal Statistics.

(g) U.S. Bureau of Mines estimate.

EXPORTS OF CADMIUM, ETC.
(Domestic Produce)
(lb. avdp.)

Exporting Country	1938	1939	1940	1941	1942	1943	1944			
BRITISH EMPIRE										
United Kingdom	207,476	13,046	18,489	15,343	287	784	—			
South West Africa (flue dust)	1,481,500	471,000	—	—	—	—	(a)			
Canada	(a)	1,049,853	798,710	910,329	800,710	572,215	383,324			
Australia	421,792	256,704	349,216	356,944	130,928	160,496	200,256			
FOREIGN COUNTRIES										
Belgium-Luxemburg E.U.	1,057,600	1,170,200	(a)	51,100	88,600	70,100	2,400			
France	26,700	29,500	900	—	—	—	(a)			
Poland	498,900	(a)	(a)	(a)	(a)	(a)	(a)			
Belgian Congo (c)	—	—	—	—	53,298	40,355	53,082			
Mexico (b)	1,676,390	1,800,259	1,827,301	1,989,564	1,883,000	1,768,000	1,671,000			
United States—										
Metal	} (a)	(a)	(a)	(a)	{ 100,939	156,844	548,015			
Alloys								546	72,535	450
Cadmium salts								76,825	19,307	23,488
Dross, flue dust, etc. ..								(a)	520	2,686,360
Peru	—	—	—	—	—	8,523	4,793			

(a) Information not available.

(b) Including cadmium content of flue dust, etc., exported for treatment.

(c) Imports into the United States from the Belgian Congo.

IMPORTS OF CADMIUM, ETC.
(Less Re-exports)
(lb. avdp.)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Cadmium	639,369	1,445,047	1,363,556	1,194,634	996,779	228,945	430,994
Cadmium mass	109,760	125,400	64,960	—	—	—	—
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.	31,100	18,700	(a)	1,500	—	—	1,800
France—							
Cadmium	306,900	304,500	151,200	26,900	78,500	42,100	(a)
Cadmium salts	3,800	17,900	200	16,100	16,500	6,200	24,700
Italy (cadmium salts)	700	(b) —	(a)	(a)	(a)	(a)	(a)
Poland	400	(a)	(a)	(a)	(a)	(a)	(a)
Sweden	(a)	(a)	(a)	57,589	84,071	92,316	59,210
United States—							
Cadmium	22,582	309,874	27,491	147,378	53,298	48,891	66,627
Flue dust (cadmium content)	(a)	(a)	1,890,528	2,321,426	1,723,728	1,643,404	1,689,322
Argentina (cadmium and salts)	1,504	807	1,204	3,968	1,188	71	7
Chile (cadmium and salts) ..	68	223	20	62	120	(a)	(a)
Peru (cadmium salts)	117	73	196	282	198	17	143
Turkey—							
Cadmium	4,074	187	(a)	(a)	(a)	(a)	(a)
Cadmium salts	93	225	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

CHINA CLAY

PRODUCTION OF CHINA CLAY

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	585,888	707,976	442,157	250,007	195,906	177,617	192,871
Kenya	(a)	(a)	(a)	(a)	(a)	1,388	3,457
Northern Rhodesia	—	—	—	—	—	4	1
Southern Rhodesia	(a)	(a)	61	16	130	56	119
Tanganyika Territory	—	—	—	—	37	113	219
Union of South Africa	798	910	2,313	5,313	6,179	5,637	4,360
Canada (sales)	—	—	—	2	364	83	379
India	26,106	41,525	48,048	37,056	58,028	39,613	46,471
Malayan Union	1,153	493	463	(c) 823	(a)	(a)	(a)
Australia	21,897	19,238	22,484	9,091	8,750	7,194	9,704
FOREIGN COUNTRIES							
Austria	(a)	(a)	(a)	(a)	(a)	(a)	115,060
Belgium (b)	25,009	(a)	(a)	(a)	(a)	(a)	(a)
Bulgaria	7,663	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia (estimated)	400,000	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Crude	37,400	(a)	32,200	36,200	36,000	39,600	37,400
Washed and pressed	9,750	(a)	8,000	8,600	8,100	9,350	8,760
Washed waste	5,200	(a)	5,800	5,800	6,000	5,100	5,800
France	140,400	(a)	(a)	(a)	62,940	50,040	23,607
Germany—							
Bavaria	(a)	(a)	(a)	(a)	(a)	} (a)	(a)
Prussia	85,298	80,699	90,797	96,499	80,983		
Saxony	123,132	100,623	79,429	82,210	291,702		
Greece	213	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Crude and kaolinic earth	73,772	} (a)	(a)	(a)	(a)	(a)	(a)
Washed	43,630						

(a) Information not available.

(b) "Eurite" and kaolin.

(c) January to September only.

PRODUCTION OF CHINA CLAY (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Portugal—							
Washed	(d) 11,327	8,195	5,663	2,658	2,795	1,967	(a)
Kaolinic sand	189	425	1,391	(a)	1,429	1,440	(a)
Roumania (b)	1,154	(a)	(a)	(a)	(a)	(a)	(a)
Spain—							
Crude	7,457	3,159	9,379	8,614	16,314	13,989	(a)
Kaolinic sand (b)	(a)	4,566	8,400	5,800	11,000	—	(a)
Sweden—							
Crude	—	—	—	—	374	3,095	—
Washed	2,013	2,200	2,905	2,625	2,349	2,032	4,177
Algeria	1,800	(a)	(a)	(a)	(a)	(a)	945
Egypt	—	—	—	128	349	501	682
Madagascar	—	—	—	—	31	41	27
United States (c)	531,298	697,147	744,152	971,293	845,168	829,855	779,514
Argentina	369	757	4,390	6,422	9,001	7,990	(a)
Brazil	17,120	18,204	(a)	(a)	12,541	(a)	(a)
Japan (estimated)	400,000	(a)	(a)	(a)	(a)	(a)	(a)
Korea	33,548	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies	2,657	2,766	2,126	(a)	(a)	(a)	(a)
Transjordan (exports)	—	—	—	437	979	2,423	2,168

China clay is also produced in U.S.S.R., China, Manchuria and Chile.

(a) Information not available.

(b) Converted from cubic metres at the rate of 1 cubic metre = 2 long tons.

(c) Sales.

(d) Crude.

EXPORTS OF CHINA CLAY

(Domestic Produce)

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	366,538	412,963	225,502	116,622	99,255	66,520	61,927
Tanganyika Territory	—	—	—	—	20	53	98
British Malaya (b)	133	69	327	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria	9,560	(c) 1,976	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	2,613	3,525	(a)	289	853	2,520	246
Czecho-Slovakia	174,327	(a)	(a)	(a)	(a)	(a)	(a)
Denmark	5,364	4,428	1,910	339	313	1,620	1,959
France	2,731	4,460	3,274	12,584	9,196	4,231	2,466
Germany	29,112	60,106	59,545	88,843	110,304	114,128	(d) 56,274
Italy	24	(d) —	(a)	(a)	(a)	(a)	(a)
Portugal	245	1,722	1,086	2,237	4,704	2,688	35
Spain	(a)	(a)	154	83	265	159	25
Sweden	18	3	—	—	—	—	—
Algeria	1,205	(a)	(a)	(a)	(a)	(a)	(a)
Argentina	1	1	3	3	4	17	—
Brazil	(a)	20	194	1,227	(a)	(a)	(a)
Chile	20	49	140	373	2,004	(a)	(a)
Transjordan	—	—	—	437	979	2,423	2,168

(a) Information not available.

(b) Including re-exports.

(c) January to March only.

(d) January to July only.

IMPORTS OF CHINA CLAY

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	525	304	51	—	—	—	—
Union of South Africa (b) ..	365	473	372	258	107	39	22
Canada	33,875	39,171	49,568	40,239	41,288	30,090	51,358
British India	25,713	26,032	28,677	4,532	5,036	183	228
British Malaya (total im- ports)	136	70	49	(a)	(a)	(a)	(a)
Burma	1	1	6	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria	3,738	(c) 1,151	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	34,660	41,948	(a)	10,595	13,764	16,011	5,652
Czecho-Slovakia	3,853	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Crude	417	1,661	549	487	320	254	198
Washed	7,857	9,035	1,253	2,039	3,379	2,824	3,506
Estonia	1,443	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports) ..	19,016	19,758	3,543	5,491	10,769	13,820	10,255
France	42,291	30,480	11,207	1,677	1,588	1,584	310
Germany	186,320	47,615	2,092	14,632	11,197	5,482	(d) 2,236
Hungary	6,902	(a)	(a)	(a)	(a)	(a)	(a)
Italy	27,997	27,147	18,629	11,993	21,903	(a)	(a)
Latvia	7,835	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania	1,272	(a)	(a)	(a)	(a)	(a)	(a)
Norway	15,280	24,809	6,578	2,910	2,673	2,769	2,569
Poland	18,606	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	167	144	109	32	62	52	66
Spain	(a)	(e) 1,813	656	2,456	5,940	3,476	571
Sweden	33,282	38,500	17,406	12,862	16,745	20,460	16,368
Yugoslavia	3,751	4,440	(a)	(a)	(a)	(a)	(a)
Algeria	5	(a)	(a)	(a)	(a)	(a)	(a)
United States	75,161	102,407	94,256	76,019	56,498	49,612	40,973
Argentina	1,583	3,251	1,437	4,906	4,236	5,896	3,713
Chile	35	56	59	32	7	(a)	(a)
Colombia	12	31	18	31	8	41	(a)
Peru	130	315	136	78	103	39	88
Uruguay	171	391	475	(a)	(a)	619	1,051
French Indo-China	1,690	1,053	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies ..	603	1,720	1,679	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Including Cornish or china stone.

(c) January to March only.

(d) January to July only.

(e) April to December only.

**CHROME ORE AND CHROMIUM
PRODUCTION OF CHROME ORE**
(Long tons)

Producing Country	Estimated Cr ₂ O ₃ content*													
	1938	1939	1940	1941	1942	1943	1944	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE														
United Kingdom ..	466	693	(a)	(a)	(a)	(a)	(a)	117	208	(a)	(a)	(a)	(a)	(a)
Sierra Leone ..	1,300	10,585	17,496	13,687	10,557	16,048	9,695	600	4,800	7,900	6,200	4,800	7,200	4,400
Southern Rhodesia ..	183,083	136,887	243,813	318,821	342,815	282,914	272,677	89,700	67,000	119,500	156,200	168,000	138,600	133,600
Union of South Africa ..	173,773	157,488	161,063	139,644	332,289	160,654	87,505	78,181	71,484	72,124	63,538	149,165	72,300	40,600
Cyprus ..	5,577	7,873	4,691	15,786	15,786	480	—	2,800	3,800	2,100	—	7,600	230	—
Canada ..	—	—	2,999	2,118	10,228	26,424	24,155	—	—	140	1,000	4,800	12,400	11,400
India ..	44,149	49,136	55,511	50,135	49,584	33,255	39,355	22,000	24,500	27,800	25,000	24,800	16,600	20,000
Australia ..	932	116	275	350	359	405	1,349	380	50	110	140	140	160	440
TOTAL ..	409,300	362,800	484,000	525,000	762,000	520,000	435,000							
FOREIGN COUNTRIES														
Bulgaria ..	1,717	4,184	(a)	(a)	(a)	(a)	(a)	687	1,700	(a)	(a)	(a)	(a)	(a)
Greece ..	41,793	56,189	50,000	(a)	(a)	(a)	(a)	17,000	22,000	(a)	(a)	(a)	(a)	(a)
Norway ..	500	365	—	—	—	—	—	—	—	—	—	—	—	—
Portugal ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sweden ..	—	—	—	—	1,255	1,247	1,093	—	—	—	—	—	—	—
U.S.S.R. (estimated) ..	(a)	(a)	220,000	(a)	(a)	(d)325,000	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia ..	49,401	44,144	69,897	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Egypt ..	—	—	—	—	307	896	150	—	—	—	—	—	—	—
Cuba ..	36,739	58,621	51,520	160,598	281,946	348,509	189,097	10,000	22,000	19,000	60,000	87,000	105,000	61,000
Guatemala ..	483	590	134	686	521	368	95	260	320	70	370	280	190	40
Mexico ..	—	—	—	—	17	—	—	—	—	—	—	—	—	—
United States ..	812	3,614	2,662	12,731	100,782	142,964	40,740	350	1,800	1,100	5,500	40,000	60,000	18,000
Argentina ..	—	—	—	—	207	246	178	—	—	—	21	46	83	—
Brazil (exports) ..	—	—	4,500	4,354	5,685	7,690	4,647	—	—	1,900	1,800	2,000	3,200	2,000
French Indo-China ..	—	—	—	—	3,514	6,400	2,300	—	—	—	—	(a)	(a)	(a)
Japan (c) ..	39,000	39,000	45,000	50,000	56,000	55,000	55,000	(a)	(a)	(a)	158,000	(a)	(a)	(a)
Philippine Islands ..	38,271	132,177	200,889	(b)325,243	(a)	(a)	(a)	18,000	63,000	96,000	158,000	(a)	(a)	(a)
Turkey ..	210,256	180,390	167,141	147,758	137,991	158,229	181,658	105,000	90,000	83,000	74,000	69,000	79,000	92,000
New Caledonia ..	51,391	56,385	54,909	63,490	66,542	46,210	54,357	26,000	27,000	25,000	30,000	32,000	29,000	34,000
TOTAL ..	700,000	800,000	870,000	1,100,000	1,200,000	1,200,000	1,000,000							
World's TOTAL	1,100,000	1,160,000	1,350,000	1,600,000	2,000,000	1,800,000	1,400,000							

* Only approximate estimates can be given owing to the wide variation in the chromium content of the ore produced in several of the countries concerned.
(a) Information not available. (b) Ten months only. (c) U.S. Bureau of Mines "Foreign Minerals Survey." (d) Planned production.

EXPORTS OF CHROME ORE, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Chromium metal ..	21	27	46	49	20	29	—
Ferro-chrome ..	43	16	64	9	5	3	—
Chromates of potash ..	361	247	79	292	104	63	133
Chromates of soda ..	1,179	799	664	1,882	1,524	2,009	1,657
Sierra Leone—							
Ore	497	5,701	15,439	14,892	16	—	—
Southern Rhodesia—							
Ore	201,668	106,007	275,400	308,362	342,555	262,068	267,336
Union of South Africa—							
Ore	115,705	166,367	104,043	207,495	265,519	96,736	50,502
British India (b)—							
Ore	18,214	20,032	42,704	51,321	52,366	23,055	22,196
Cyprus—							
Concentrates	7,442	1,100	2,500	4,740	2,900	7,860	462
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Chromates of potash and soda	271	234	(a)	83	5	37	—
France—							
Ore	203	1	—	329	2,124	—	(a)
Ferro-chrome	1,493	1,067	334	2	1,160	29	10
Chromates, chrome alum, etc.	352	418	198	52	65	—	(a)
Germany—							
Chromates of potash and soda, and oxides of chromium	5,234	6,832	1,086	843	415	895	(c) 645
Greece—							
Ore	35,098	51,533	32,595	(a)	(a)	(a)	(a)
Italy—							
Chrome alum	250	(c) 52	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Chromium compounds ..	4	2	1	—	9	—	(a)
Norway—							
Ore	26	40	—	—	—	—	—
Ferro-chrome	11,421	15,441	13,217	6,165	2,219	6,167	5,226
Poland—							
Ferro-chrome	93	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Ore	(a)	(a)	(a)	(a)	1,166	1,173	704
Sweden—							
Ore	—	—	—	200	46	—	—
Ferro-chrome	11,072	14,388	4,362	5,216	878	15	—
Chromates and chrome alum	75	121	47	128	389	521	357
Switzerland—							
Ferro-chrome, including ferro-silicon	943	713	3,039	773	105	21	597
U.S.S.R.—							
Ore (d)	—	—	39,382	16,435	41,151	89,216	100,282
Yugoslavia—							
Ore	22,942	18,034	(a)	(a)	(a)	(a)	(a)
Ferro-chrome	1,505	1,593	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Excluding chrome ore mined in British India, but exported via the Portuguese port of Mormugao—1938, 6,238 tons—1939, 17,794 tons—1940, 4,250 tons—1941, 2,200 tons—1942, 3,500 tons—1943, 407 tons.

(c) January to July only.

(d) Exports are not available. Figures are imports from U.S.S.R. as recorded in the trade returns of the United Kingdom, Germany, Sweden and the United States.

EXPORTS OF CHROME ORE, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Cuba—							
Ore	34,422	62,271	52,738	160,598	139,543	285,979	316,267
United States—							
Ore	(a)	(a)	(a)	(a)	4,235	23,445	910
Ferro-chrome	(a)	(a)	(a)	(a)	4,982	2,107	475
Chromate of potash	(a)	(a)	(a)	1,983	1,154	1,050	554
Chromates of soda	2,160	4,846	10,085	7,670	7,108	5,271	2,810
Brazil—							
Ore	920	3,498	4,500	4,354	5,685	7,690	4,646
Japan—							
Bichromates of potash and soda	874	1,298	} (a)	(a)	(a)	(a)	(a)
Chrome alum	1,058	1,466					
Philippine Islands—							
Ore	65,854	124,747	191,323	(a)	(a)	(a)	(a)
Turkey—							
Ore	204,770	189,796	179,000	148,000	142,000	78,000	173,000
New Caledonia—							
Ore	41,604	38,757	58,664	100,342	84,758	42,330	16,981

(a) Information not available.

IMPORTS OF CHROME ORE, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	36,596	50,467	87,121	55,974	99,634	36,627	93,770
Ferro-chrome	10,385	14,681	19,583	26,897	16,890	28,254	11,274
Chromates of potash	64	72	55	—	—	—	—
Chromates of soda	1,001	1,535	1,650	—	52	—	—
Canada—							
Ore	(b) 8,128	14,807	26,730	82,993	78,240	92,385	34,901
Bichromate of potash	54	84	91	138	177	92	78
Bichromate of soda	793	1,449	1,933	1,793	2,357	1,435	1,431
British India (total imports)—							
Bichromate of potash	252	142	495	149	5	—	22
Bichromate of soda	747	566	2,584	3,105	1,661	1,593	1,996
Australia—							
Ore	7,417	3,963	11,224	12,013	5,589	24,619	—
Bichromate of potash	92	72	83	67	79	22	74
FOREIGN COUNTRIES							
Austria—							
Ferro-chrome	2,252	(c) —	}	(a)	(a)	(a)	(a)
Chromates of potash and soda	62	(c) —					
Belgium-Luxemburg E.U.—							
Chromates of potash and soda	454	540	(a)	84	10	4	6
Bulgaria—							
Chromates of potash	67	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Ore	5,631	}	(a)	(a)	(a)	(a)	(a)
Chromates of potash and soda	128						
Denmark—							
Chromates of potash and soda	205	214	88	39	12	35	184
Estonia—							
Chromates	49	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Ferro-chrome	22	42	23	30	60	29	26
Chromates of potash and soda	253	277	219	44	17	32	84
Chrome sulphate	158	55	109	261	190	207	60
France—							
Ore	39,544	56,009	31,950	—	—	578	775
Ferro-chrome	27	2	—	1	4	286	355
Chromates of potash and soda	274	233	138	56	30	2	2
Other chromates	49	25	—	11	3	—	(a)
Chrome alum	111	203	—	10	7	—	(a)
Germany—							
Ore	173,620	190,434	36,400	25,011	163,185	180,843	(d) 64,027
Chromates of potash and soda, and oxides of chromium	—	—	104	50	—	—	(d) —

(a) Information not available.

(b) April to December only.

(c) January to March only.

(d) January to July only.

IMPORTS OF CHROME ORE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Hungary—							
Chromates of potash, soda and ammonia ..	637	707	(a)	(a)	(a)	(a)	(a)
Italy—							
Ferro-chrome	851	(b) 532	}	(a)	(a)	(a)	(a)
Chromates of potash, soda and ammonia ..	12	(a)		(a)	(a)	(a)	(a)
Latvia—							
Chrome alum	58	}	(a)	(a)	(a)	(a)	(a)
Chromates	63		(a)	(a)	(a)	(a)	(a)
Netherlands—							
Chromium compounds	921	1,932	626	502	78	419	(a)
Norway—							
Ore	48,872	19,270	14,955	49	4,897	18,052	18,892
Poland—							
Ore	6,515	}	(a)	(a)	(a)	(a)	(a)
Ferro-chrome	43		(a)	(a)	(a)	(a)	(a)
Chromates	5		(a)	(a)	(a)	(a)	(a)
Portugal—							
Chromates of potash and soda	58	80	211	73	12	13	16
Chrome alum	29	19	43	3	1	19	25
Roumania—							
Chrome alum	131	(a)	(a)	}	(a)	(a)	(a)
Chromium compounds	469	467	364		(a)	(a)	(a)
Spain—							
Chromates	(a)	(a)	197	398	13	150	48
Sweden—							
Ore	48,843	43,273	23,181	2,829	10	165	34
Ferro-chrome	1,323	2,405	1,354	396	111	35	25
Chrome alum	108	91	195	35	10	—	—
Chromates	264	537	274	275	6	113	166
Switzerland—							
Ferro-chrome and ferro-silicon	2,388	2,974	2,804	762	234	173	94
Yugoslavia—							
Chromates of potash and soda	55	74	}	(a)	(a)	(a)	(a)
Chrome alum	154	156		(a)	(a)	(a)	(a)
Egypt—							
Chromates of potash and soda	360	363	337	803	323	232	139
United States—							
Ore	352,085	317,511	657,689	995,796	876,435	(c) 829,085	757,491
(Cr ₂ O ₃ content)	163,570	134,891	301,672	445,898	402,154	361,037	325,699
Ferro-chrome (Cr content)	121	130	—	106	342	279	703
Metal and alloys	39	56	—	—	—	—	—
Argentina—							
Bichromate of potash ..	76	151	240	281	233	72	8
Bichromate of soda ..	355	355	782	654	744	265	282
Chromate of lead	31	31	81	78	39	67	2
Chrome alum	45	161	1	—	11	—	—
Brazil—							
Chromates of potash and soda	488	(a)	(a)	(a)	(a)	(a)	(a)
Other chromium salts ..	110	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Ferro-chrome	41	53	14	9	64	(a)	(a)
Bichromate of potash ..	26	8	69	64	42	(a)	(a)
Bichromate of soda ..	152	211	325	309	221	(a)	(a)

(a) Information not available. (b) January to July only.

(c) Total imports. Re-exports amounted to 8,993 tons (Cr₂O₃ content not available).

IMPORTS OF CHROME ORE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Colombia—							
Chromates	(a)	156	175	215	115	761	219
Peru—							
Chromium compounds	148	142	168	120	274	296	235
China—							
Bichromate of potash ..	193	277	145	} (a)	(a)	(a)	(a)
Bichromate of soda ..	128	352	391				
Chrome alum	1,028	1,193	306				
French Indo-China—							
Chromates	8	11	} (a)	(a)	(a)	(a)	(a)
Chrome alum	27	67					
Japan—							
Ore (b)	2,000	13,000	32,000	7,500	100,000	160,000	160,000
Manchuria—							
Chrome alum	1,420	} (a)	(a)	(a)	(a)	(a)	(a)
Bichromates of potash and soda	361						
Syria and Lebanon—							
Chromates	91	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Chrome alum	43	33	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) U.S. Bureau of Mines "Foreign Minerals Survey."

COAL, COKE AND BY-PRODUCTS

PRODUCTION OF COAL
(Including Brown Coal and Lignite)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944	
BRITISH EMPIRE								
Great Britain—								
Mined—								
Anthracite	6,278,140	6,066,046	5,597,490	4,331,921	4,282,591	4,130,378	3,595,178	
Bituminous	220,737,168	225,284,196	218,701,335	202,012,396	199,350,847	190,362,570	180,503,176	
Opencast	—	—	—	—	1,308,200	4,426,700	8,647,300	
Northern Ireland—								
Bituminous	350	320	400	416	410	480	550	
Lignite	—	—	934	826	1,463	1,273	1,660	
Eire—								
Anthracite	} 90,701	89,026	72,998	103,214	{ 63,156	47,020	65,535	
do. dust		27,751	43,607	49,629		51,297	74,418	62,606
Semi-bituminous		362,516	310,156	366,506		50,312	61,886	74,122
Nigeria	304,169	304,169	310,156	366,506	460,719	505,535	613,926	
Southern Rhodesia	1,027,342	1,099,879	1,270,279	201,389,677	1,535,934	1,759,539	1,779,177	
Union of South Africa	16,026,987	16,623,533	17,216,715	18,384,053	20,085,381	20,236,091	22,623,857	
Canada—								
Bituminous	9,223,020	10,508,300	11,904,497	12,145,810	12,157,335	10,701,118	10,514,678	
Sub-bituminous (b)	2,625,673	2,644,879	2,798,797	2,946,076	3,523,602	3,756,101	3,461,870	
Lignite (b)	914,448	858,159	981,441	1,182,151	1,162,840	1,488,367	1,225,684	
Brunei	464	32	(a)	(a)	(a)	(a)	(a)	
India—								
Gondwana Coalfields	27,823,951	27,213,922	28,855,533	28,956,602	28,951,796	25,057,215	} 26,126,676	
Tertiary Coalfields	518,955	554,839	532,961	507,140	481,457	454,894		
Used by miners	709,000	(d) 700,000	(d) 700,000	(d) 700,000	(d) 700,000	(d) 700,000		
Malayan Union	477,908	441,025	781,509	(c) 514,973	244,590	489,442	409,100	
Australia—								
Bituminous	11,680,159	13,535,142	11,725,683	14,212,451	14,378,839	14,192,942	13,721,468	
Sub-bituminous	—	—	—	—	1,650	—	34,620	
Lignite	3,675,450	3,651,014	4,280,275	4,565,638	4,933,861	5,091,729	5,016,437	
New Zealand—								
Bituminous	977,850	1,044,609	1,144,557	1,179,581	1,174,725	1,138,922	1,068,082	
Sub-bituminous (e)	1,112,414	1,159,963	1,232,810	1,326,010	1,229,271	1,504,241	1,540,916	
Lignite (f)	131,824	138,067	138,732	133,916	276,045	144,705	196,972	
TOTAL	304,000,000	312,000,000	308,000,000	295,000,000	296,000,000	286,000,000	281,000,000	

(a) Information not available.

(b) Owing to the re-classification of Alberta Lignite as Sub-bituminous, figures are not comparable with those published previously.

(c) January to September only.

(d) Estimated.

(e) Previously classified as Brown coal.

(f) Includes a small quantity of anthracite.

PRODUCTION OF COAL (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Albania—							
Lignite	4,000	(a)	(a)	(a)	(a)	(a)	(a)
Austria—							
Bituminous	222,000	213,722	224,701	222,131	221,162	210,805	191,432
Brown coal	3,477,000	3,477,369	3,551,301	3,477,195	3,474,359	3,588,250	3,615,539
Belgium—							
Anthracite and semi-anthracite	6,765,946	} 29,372,193	25,195,044	26,299,590	24,659,724	23,369,979	13,291,658
Bituminous	22,351,652						
Bulgaria—							
Anthracite	3,937	} 162,000	216,000	(a)	(a)	(a)	(a)
Bituminous	136,041						
Lignite	1,825,898						
Czecho-Slovakia—							
Bituminous	15,900,000	18,507,000	20,633,000	20,739,000	22,416,000	24,223,000	22,865,000
Brown coal	15,779,000	19,086,000	20,948,000	22,086,000	23,751,000	27,152,000	26,432,000
France—							
Bituminous (b)	45,769,762	48,370,388	38,701,810	41,188,171	41,208,062	39,891,322	24,858,977
Lignite	1,041,487	1,084,674	1,634,767	1,976,247	1,926,554	1,865,868	1,322,764
Germany (c)—							
Bituminous	183,238,362	155,521,000	152,213,000	156,347,000	155,756,000	156,111,000	133,198,000
Brown coal	191,898,839	209,329,000	222,108,000	233,670,000	243,273,000	250,583,000	227,162,000
Greece—							
Lignite	106,304	137,000	250,000	200,000	(a)	(a)	(a)
Hungary—							
Bituminous	1,026,000	1,089,600	1,188,400	1,280,200	1,230,000	1,351,000	(a)
Brown coal	} 8,186,000	9,258,100	10,000,200	10,782,300	11,056,900	10,618,300	(a)
Lignite							
Italy—							
Anthracite	130,109	(a)	(a)	(a)	(a)	} (a)	(a)
Bituminous	1,457,000	1,992,000	2,246,000	2,355,000	2,482,000		
Brown coal	860,000	1,082,000	2,076,000	1,998,000	2,270,000		
Netherlands—							
Bituminous	13,274,508	12,658,333	11,953,226	13,145,477	12,134,994	12,299,728	8,181,443
Brown coal	167,942	193,702	196,042	198,317	274,748	377,043	239,215
Poland (e)—							
Bituminous	37,502,220	} 64,501,086	75,859,817	75,136,796	82,645,992	89,645,992	86,008,608
Brown coal	9,376						
Portugal—							
Anthracite	288,610	266,384	348,045	399,358	465,434	348,506	371,031
Bituminous	14,122	28,235	15,327	28,671	24,814	35,894	32,535
Brown coal	18,160	34,633	62,676	82,643	106,453	106,529	123,585
Roumania—							
Anthracite	3,213	4,331	} 292,000	260,000	281,000	(a)	(a)
Bituminous	290,907	263,562					
Brown coal	1,793,350	1,873,700	} 2,346,000	2,159,000	2,330,000	2,426,000	1,830,000
Lignite	270,234	270,477					
Spain—							
Anthracite	433,300	555,056	1,078,567	1,130,196	1,223,302	1,133,571	1,492,091
Bituminous	5,126,142	5,946,835	7,643,044	7,493,990	7,887,682	8,305,537	8,827,052
Lignite	163,182	190,519	560,412	780,688	1,088,100	1,094,453	1,183,233
Spitzbergen and Bear Island	616,623	615,129	556,477	324,622	(a)	(a)	(a)
Sweden	424,222	436,687	490,240	547,898	573,086	548,708	561,230
Switzerland (d)	3,000	3,000	8,000	80,000	208,000	228,000	143,000

(a) Information not available.

(b) Excludes Alsace-Lorraine from 1941. Includes about 6,000,000 tons of anthracite each year.

(c) Figures for 1939 onwards are for British, American, French and Russian Zones and do not include German-occupied Poland.

(d) U.S. Bureau of Mines.

(e) Figures for 1939 onwards include Silesia which is not included with Germany for those years. The comparable figure for 1938 is 68,297,296 long tons.

PRODUCTION OF COAL (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
U.S.S.R	130,300,000	143,600,000	162,000,000	168,000,000	(a)	(a)	(a)
Yugoslavia—							
Bituminous	443,298	439,070	414,766	} (a)	(a)	(a)	(a)
Brown coal	3,960,592	4,244,118	5,150,978				
Lignite	1,242,691	1,289,063	1,628,246				
Algeria—							
Bituminous	12,979	18,228	53,639	81,728	145,600	114,483	116,830
Lignite	—	—	—	3,000	7,000	1,461	504
Belgian Congo	41,040	26,372	22,896	29,983	42,581	68,000	48,000
Madagascar	—	—	—	1,000	2,044	905	1,752
Morocco (French)—							
Anthracite	121,000	113,000	141,234	136,854	117,514	100,674	132,277
Mozambique	9,442	7,392	20,000	17,192	6,689	13,267	15,558
Tunis—							
Lignite	—	—	22,981	(a)	138,655	40,490	64,730
Greenland	7,000	7,000	6,000	7,000	5,000	7,000	8,000
Mexico	879,035	618,176	538,997	842,183	893,216	1,036,847	866,427
United States—							
Anthracite	41,159,846	45,970,872	45,968,429	50,328,810	53,864,044	54,146,089	56,876,217
Bituminous	308,523,967	349,832,846	408,778,838	456,583,404	517,644,889	524,488,995	550,912,571
Lignite	2,676,715	2,716,551	2,624,287	2,478,421	2,616,662	2,454,815	2,280,500
Argentina	—	—	—	561	4,768	7,396	8,900
Brazil	871,023	1,030,440	1,315,196	1,385,810	1,746,623	2,045,433	1,826,284
Chile—							
Bituminous	2,011,460	1,821,124	1,907,450	2,027,732	2,116,830	2,229,353	2,243,437
Colombia	325,766	343,488	513,217	396,975	408,834	468,157	491,285
Peru—							
Anthracite	1,476	3,459	4,429	4,527	4,921	22,357	14,315
Bituminous	72,779	102,854	107,234	110,815	142,315	161,685	156,306
Venezuela	5,601	3,022	5,279	5,517	8,553	(b) 11,200	(b) 12,276
China	4,600,000	5,400,000	5,600,000	5,900,000	6,214,000	6,513,000	5,415,000
Formosa (c)	1,770,000	1,910,000	2,050,000	2,190,000	2,320,000	2,500,000	2,500,000
French Indo-China—							
Anthracite	2,249,600	2,494,548	2,375,967	2,216,000	1,141,000	940,000	482,000
Bituminous, etc. . . .	53,856	52,937	54,294	} 76,400	82,300	64,800	46,000
Lignite	4,142	26,219	29,598				
Japan (d)	47,915,000	51,581,000	56,404,000					54,724,000	53,323,000	54,662,000	48,556,000
Karafuto (c)	3,381,139	5,000,000	6,500,000	6,750,000	7,000,000	7,500,000	8,000,000
Korea (c)	3,100,000	4,400,000	5,300,000	6,100,000	* 7,000,000	8,000,000	9,000,000
Lebanon—							
Lignite	—	—	—	8,278	7,207	1,100	—
Manchuria (c)	15,000,000	19,000,000	21,300,000	23,400,000	25,000,000	26,000,000	28,500,000
Netherlands East Indies	1,433,641	1,752,509	1,977,686	1,959,000	(a)	(a)	(a)
Philippine Islands	38,333	46,000	(a)	(a)	(a)	(a)	(a)
Turkey—							
Bituminous	2,548,068	2,653,811	2,971,770	2,971,935	2,469,978	3,115,743	3,503,625
Lignite	143,405	156,981	225,626	296,634	403,525	580,609	687,792
Total	1,140,000,000	1,240,000,000	1,360,000,000	1,450,000,000	1,430,000,000	1,460,000,000	1,430,000,000
WORLD'S TOTAL	1,440,000,000	1,550,000,000	1,660,000,000	1,750,000,000	1,730,000,000	1,750,000,000	1,710,000,000

(a) Information not available.

(b) U.S. Bureau of Mines.

(c) U.S. Bureau of Mines "Foreign Minerals Survey."

(d) Figure for 1938 is for the calendar year. Figures for 1939 onwards are for the years ended March 31 following.

PRODUCTION OF COKE

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
Gas-works—coke ..	12,843,009	12,581,511	9,847,721	10,519,602	11,163,479	11,370,354	11,456,759
breeze ..								1,676,397	1,783,477	1,985,285	2,077,568	2,074,837
Coke-ovens—coke ..	12,825,546	13,962,945	15,574,585	14,546,736	14,899,563	14,452,459	14,081,354
breeze ..								1,029,974	1,029,974	822,108	791,910	759,404	766,452
Northern Ireland—							
Gas-works (estimated) ..	70,000	70,000	70,000	70,000	70,000	70,000	70,000
Eire—							
Gas-works	121,834	(b) 165,000	(b) 164,000	(b) 150,000	(b) 95,000	(g) 80,099	(g) 75,627
Southern Rhodesia ..	47,229	32,267	58,128	79,737	70,275	77,326	78,596
Union of South Africa—							
Coke-ovens (f)	160,737	181,609	218,382	222,927	228,828	236,923	173,737
Gas-works (e)	361,537	404,078	430,454	437,782	559,634	638,488	654,149
Canada—							
Gas-works—coke ..	197,762	222,370	239,740	250,650	253,852	243,930	241,648
breeze	8,859	12,349	18,761	15,503	12,725	31,093	30,934
Coke-ovens—coke ..	1,780,033	1,801,526	2,285,118	2,393,546	2,496,123	2,666,578	3,069,246
breeze	113,349	115,626	148,697	148,976	152,969	229,625	245,401
Strait Settlements ..	10,236	10,324	11,648	(a)	(a)	(a)	(a)
India—							
Hard	1,710,721	1,916,692	2,109,094	2,244,483	2,095,548	1,786,855	1,603,909
Soft (c)	900,923	895,958	966,109	938,471	504,491	416,102	445,721
Australia (e)—							
Gas-works—coke ..	764,215	757,046	797,683	791,817	866,800	956,896	992,898
breeze	27,513	35,996	30,237	33,362	188,525	40,798	175,094
Coke-ovens—coke ..	1,075,979	1,164,873	1,287,962	1,653,382	1,710,668	1,606,713	1,485,342
breeze	64,633	(a)	98,976	110,376	146,082	92,658	126,221
New Zealand (d)—							
Gas-works	76,657	79,571	85,923	90,855	89,123	96,703	98,758
FOREIGN COUNTRIES							
Austria (gas-works) ..	(a)	573,446	628,286	785,911	558,356	590,762	504,292
Belgium—							
Coke-ovens	4,329,051	4,878,071	3,897,024	4,355,291	4,337,476	4,341,275	2,012,279
Breeze	488,619	(a)	(a)	(a)	(a)	(a)	(a)
Bulgaria—							
Coke-ovens	3,861	4,683	(a)	(a)	(a)	(a)	(a)
Denmark (gas-works) ..	305,060	(a)	385,381	348,079	418,601	418,968	343,610
Finland (gas-works) ..	70,172	70,000	(a)	(a)	(a)	(a)	(a)
France—							
Gas-works	1,721,800	1,468,259	1,161,098	1,103,866	1,055,689	944,986	314,621
Coke-ovens	7,515,548	8,021,902	5,080,050	4,815,584	4,929,260	4,910,777	2,862,717
Germany—							
Gas-works	(b)5,000,000	(a)	(a)	(a)	(a)	(a)	(a)
Coke-ovens	42,823,761	(a)	47,924,833	50,097,041	50,428,240	51,928,000	51,572,000
Brown-coal coke ..	3,221,537	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Estimated.

(c) Coke made at collieries only.

(d) Sales for years ended March 31 of the year following that stated.

(e) Years ended June 30 of the year stated.

(f) Excluding coke and breeze produced at iron and steel works amounting to 198,712 and 214,585 tons in 1939 and 1940 respectively.

(g) Including coke-breeze.

PRODUCTION OF COKE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Hungary—							
Gas-works	235,359	} (a)	(a)	(a)	(a)	(a)	(a)
Brown-coal coke ..	52,253						
Italy—							
Gas-works	625,678	(a)	(a)	(a)	(a)	(a)	(a)
Coke-ovens	1,710,173	(a)	1,956,507	1,804,432	1,641,841	(a)	(a)
Breeze (coke-ovens)	1,772	(a)	(a)	(a)	(a)	(a)	(a)
Latvia	18,546	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Gas-works	700,000	597,000	659,000	663,005	729,400	761,507	(c) 440,292
Coke-ovens	3,108,188	2,980,071	2,330,031	2,220,779	2,016,455	2,129,269	1,550,486
Norway (gas-works) ..	74,266	73,013	66,259	54,829	46,722	48,104	—
Poland—							
Gas-works	(b) 200,000	(a)	(a)	(a)	(a)	(a)	(a)
Coke-ovens	2,254,736	(a)	(a)	2,516,000	3,120,000	3,199,000	(a)
Portugal (gas-works) ..	29,479	29,840	26,880	24,302	18,382	25,800	20,944
Roumania—							
Gas-works	(b) 15,000	(a)	} (a)	(a)	(a)	(a)	(a)
Coke-ovens	84,671	86,705					
Spain—							
Gas-works	189,314	224,386	255,829	128,285	145,390	167,330	169,145
Coke-ovens	562,443	634,198	826,481	741,214	801,493	788,469	848,951
Sweden (including breeze)	570,344	581,870	553,062	528,326	605,660	614,197	589,228
Switzerland—							
Gas-works	489,860	487,968	439,559	391,501	348,462	302,068	304,862
U.S.S.R.	20,500,000	16,400,000	(a)	(a)	(a)	(a)	(a)
Yugoslavia (gas-works) ..	(b) 22,000	(a)	(a)	(a)	(a)	(a)	(a)
Algeria (gas-works) ..	(b) 65,000	(a)	(a)	(a)	(a)	(a)	(a)
Egypt	(a)	22,597	(a)	(a)	(a)	(a)	(a)
Canary Islands	3,234	(a)	(a)	(a)	(a)	(a)	(a)
Tunis (gas-works) ..	6,657	(a)	(a)	(a)	(a)	7,000	9,100
United States—							
Coke-ovens—							
Coke	24,636,252	34,177,550	42,500,072	43,182,939	44,935,238	46,258,690	50,134,386
Breeze and screenings	2,061,702	2,720,067	3,327,388	3,593,387	3,620,231	3,861,615	3,987,017
Beehive—							
Coke	747,689	1,289,579	2,730,201	5,985,854	7,387,531	7,083,381	6,225,912
Breeze and screenings	41,260	46,021	78,050	108,615	135,404	135,128	134,955
Gas-works(d)—							
Coke	2,882,490	2,820,651	2,996,778	3,038,727	3,297,685	3,576,032	3,518,983
Breeze and screenings	266,371	228,889	235,666	255,912	241,535	279,658	311,121
Argentina (gas-works) ..	(b) 50,000	(a)	(a)	(a)	(a)	(a)	(a)
Brazil (b)	130,000	130,000	130,000	130,000	130,000	130,000	130,000
Chile	(b) 80,000	83,689	94,975	107,136	94,579	98,922	103,136
Colombia (b)	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Dutch Guiana (b) ..	1,500	1,500	1,500	1,500	1,500	1,500	1,500
China—							
Gas-works	(a)	(a)	31,500	(a)	(a)	(a)	(a)
Coke-ovens	(a)	(a)	18,164	(a)	(a)	(a)	(a)
French Indo-China ..	3,450	3,960	2,550	—	4,300	5,200	2,700
Japan—							
Metallurgical coke ..	(a)	3,431,733	3,680,845	4,737,014	4,985,276	4,760,164	3,664,979
Philippine Islands ..	7,042	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Semi-coke	62,338	60,652	59,228	56,971	55,198	46,924	48,644
Coke-ovens	84,000	62,000	160,000	168,000	175,300	180,084	205,328

(a) Information not available.

(b) Estimated.

(c) January to July only.

(d) By-product coke plants owned by gas companies.

PRODUCTION OF BRIQUETTES

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	499,422	800,955	661,000	(a)	(a)	737,500	870,000
Eire	6,190	5,910	5,337	15,202	28,293	106,001	121,794
Australia (b)—							
Brown-coal briquettes ..	416,545	399,924	428,389	433,756	413,450	414,959	416,715
New Zealand	29,474	29,417	28,079	19,901	12,846	12,190	(a)
FOREIGN COUNTRIES							
Belgium	1,685,237	1,536,553	1,725,905	1,518,256	1,109,624	997,405	438,051
Bulgaria—							
Brown-coal briquettes ..	84,415	87,098	(a)	(a)	(a)	(a)	(a)
France	7,692,095	8,231,902	6,645,686	4,373,734	3,370,464	3,019,801	1,573,362
Germany—							
Coal briquettes (d) ..	6,788,313	6,840,000	6,395,000	7,732,000	7,131,000	7,073,000	6,318,000
Brown-coal briquettes (d)	43,312,234	44,221,000	48,082,000	53,551,000	54,421,000	58,764,000	60,578,000
Hungary—							
Coal briquettes (e) ..	434,113	} (a)	(a)	(a)	(a)	(a)	(a)
Coke briquettes	45,246						
Italy—							
Anthracite briquettes ..	16,769	} 81,740	127,360	119,533	(a)	(a)	(a)
Brown-coal briquettes ..	33,472						
Netherlands—							
Coal briquettes	1,242,775	1,266,600	1,197,711	1,116,636	952,763	879,577	598,708
Brown-coal briquettes ..	59,498	67,523	66,664	64,086	56,175	54,580	42,280
Poland	219,016	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	19,551	23,884	(a)	73,720	59,145	45,865	47,929
Roumania	271,345	215,354	(a)	(a)	(a)	(a)	(a)
Spain	355,248	777,340	807,786	405,939	776,158	643,665	910,255
Yugoslavia—							
Coal briquettes	} 99,351	96,721	63,059	} (a)	(a)	(a)	(a)
Brown-coal briquettes ..		33,653	507				
Algeria	88,232	(a)	(a)	48,678	44,845	49,885	(a)
Morocco (French)	(a)	26,680	35,600	(a)	(a)	10,700	24,800
Tunis	85,112	26,682	35,638	(a)	(a)	(a)	(a)
United States (c)	777,911	796,619	938,277	1,159,470	1,560,982	1,932,141	2,200,858
French Indo-China	129,500	182,500	137,900	94,500	53,700	29,300	17,300
Netherlands East Indies ..	80,826	83,379	97,746	(a)	(a)	(a)	(a)
Turkey	36,696	14,558	24,110	28,022	21,603	29,778	33,735

(a) Information not available.

(b) Years ended June 30.

(c) In addition packaged fuel produced was as follows (long tons):—

1938, 143,706; 1939, 192,417; 1940, 254,029; 1941, 240,932; 1942, 225,936; 1943, 192,504; 1944, 156,937.

(d) Years ended March 31 of year stated for 1939 onwards (U.S. Bureau of Mines).

(e) Including brown-coal briquettes.

PRODUCTION OF COAL BY-PRODUCTS

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
Tar (quantity distilled) ..	2,036,876	2,026,100	2,067,500	2,049,100	2,172,000	2,124,000	2,083,000
Road tar (incl. refined) ..	(a)	(a)	(a)	(a)	640,000	650,000	606,000
Pitch	633,998	(a)	(a)	(a)	467,000	380,000	404,000
Benzol (refined)*	244,000	(a)	(a)	(a)	(a)	(a)	(a)
Creosote-pitch mixture ..	(a)	(a)	(a)	(a)	530,000	624,000	591,000
Creosote oil	500,000	(a)	(a)	(a)	305,000	233,000	262,000
White naphthalene	(a)	(a)	(a)	(a)	7,600	9,000	7,400
Hot-pressed do.	(a)	(a)	(a)	(a)	8,400	9,200	9,300
Crude do.	(a)	(a)	(a)	(a)	15,200	14,500	14,100
Pyridine bases	(a)	(a)	(a)	(a)	700	600	600
Natural phenol	(a)	(a)	(a)	(a)	8,200	8,700	9,200
Refined cresylic acid	(a)	(a)	(a)	(a)	29,000	34,000	33,000
Anthracene 40-50%	(a)	(a)	(a)	(a)	1,920	2,420	2,480
Eire—							
Tar	11,768	(a)	(a)	(a)	(a)	5,665	6,118
Ammonium salts expressed as sulphate (25% NH ₃)	3,000	2,800	2,700	2,700	2,000	1,500	2,500
Tar oil, creosote oil, etc.	1,350	(a)	(a)	(a)	(a)	(a)	(a)
Union of South Africa—							
Tar*—coke-ovens (d)	1,450	1,296	1,756	1,959	1,549	1,732	—
do.—gas-works (e)	12,637	14,205	17,694	16,272	21,551	27,398	27,040
Canada—							
Tar*	133,749	138,857	168,297	171,155	175,830	182,228	194,400
Ammonium sulphate	25,114	25,593	31,691	31,601	32,321	29,382	36,630
Benzol	13,168	11,252	22,458	24,125	23,996	23,294	28,988
Ammonia liquor (NH ₃ content)	662	(a)	(a)	858	765	759	701
Toluol, naphthalene, etc	12,896	14,942	9,025	7,807	7,859	6,829	7,882
India (coke-ovens)—							
Ammonium sulphate	14,616	24,192	22,715	26,353	24,956	19,460	20,118
Australia (gas-works) (e)—							
Tar (crude)*	115,383	131,198	137,668	128,969	140,377	141,519	169,004
Tar (refined)*	3,135	4,037	1,553	33,286	35,198	38,976	52,986
Tar oils (crude)	6,321	5,961	6,047	6,346	9,269	10,428	14,105
Ammonia liquor	19,800	23,800	(a)	47,075	40,200	78,508	167,702
Ammonium sulphate	3,409	3,053	(a)	3,366	3,435	(a)	(a)
New Zealand (c)—							
Tar (gas-works)*	16,137	16,503	14,617	12,210	13,201	16,638	13,356
FOREIGN COUNTRIES							
Austria—							
Tar	(a)	28,473	30,192	30,103	31,066	28,148	24,928
Benzol	(a)	7,520	6,909	6,843	7,849	8,314	6,025
Liquid ammonia	(a)	1,639	1,997	1,993	2,103	1,995	1,791
Ammonium sulphate	(a)	4,518	5,779	5,683	6,720	6,221	5,234
Denmark—							
Tar	32,464	(a)	32,964	27,295	26,853	26,360	25,008
Finland—							
Gas-works—							
Tar	3,352	3,360	} (a)	(a)	(a)	(a)	(a)
Benzol	336	340					
Ammonia	93	53					

* See page 73.

(a) Information not available.

(c) Sales for years ended March 31 of the year following that stated.

(d) Excluding iron and steel works amounting to 21,964 and 22,828 tons in 1939 and 1940 respectively.

(e) Years ended June 30 of the year stated.

PRODUCTION OF COAL BY-PRODUCTS (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—							
Tar (crude)	468,039	464,831	313,726	302,235	325,290	303,352	182,422
Ammonium sulphate ..	105,664	106,530	64,112	70,651	61,626	56,149	21,229
Benzol (crude)	88,539	88,647	54,112	44,639	47,995	51,957	27,538
Italy—							
Tar—coke-ovens ..	51,102	}	(a)	(a)	(a)	(a)	(a)
gas-works, etc. ..	114,976						
Ammonium sulphate (b)	20,823						
Benzol (b)	16,810						
Latvia—							
Tar	1,073	}	(a)	(a)	(a)	(a)	(a)
Pitch	82						
Benzol	198						
Liquid ammonia ..	84						
Luxemburg—							
Tar	2,000	2,000	(a)	(a)	(a)	(a)	(a)
Norway—							
Tar (gas-works) ..	(a)	5,175	5,151	3,631	3,136	3,150	(a)
Poland—							
Tar (crude)	140,000	}	(a)	(a)	(a)	(a)	(a)
Pitch	54,700						
Ammonium sulphate ..	31,500						
Benzol (crude)	37,000						
Naphthalene (crude) ..	2,700						
Phenol and cresol ..	1,043						
Portugal—							
Tar (gas-works) ..	1,721	1,754	}	(a)	(a)	(a)	(a)
Pitch	711	719					
Benzol	5	2					
Naphthalene	64	21					
Creosote	79	76					
Spain—							
Coke-ovens—							
Tar	(a)	44,052	34,140	34,629	42,839	32,517	50,146
Pitch	(a)	1,327	(a)	20,415	21,120	7,713	9,365
Benzol	(a)	8,531	(a)	8,069	8,697	7,813	9,160
Naphthalene	(a)	257	(a)	363	(a)	(a)	(a)
Ammonium sulphate..	(a)	(a)	(a)	9,719	16,134	18,770	17,266
Creosote	(a)	1,783	(a)	12,727	7,885	6,308	7,284
Gas-works—							
Tar (crude)	12,587	14,499	18,044	8,422	8,639	10,329	9,945
do. (refined)	2,212	2,654	3,497	2,152	1,711	1,830	1,725
Ammonium sulphate..	68	201	1,241	729	647	627	558
Sweden—							
Tar (crude)	19,323	17,068	16,851	21,153	24,190	23,776	23,158
Other tar	16,403	20,883	12,195	12,180	11,665	14,101	14,602
Pitch	376	473	424	486	526	630	1,102
Ammonium sulphate ..	4,888	5,370	4,526	3,984	4,732	4,583	3,742
Benzol, toluol, etc. ..	3,173	2,979	2,853	2,544	3,853	4,138	4,031
Distillates, etc. ..	1,152	1,337	1,306	990	2,062	2,837	3,256
Switzerland—							
Tar (gas-works) ..	29,821	29,910	27,756	22,116	21,184	18,499	16,660
Yugoslavia—							
Tar (estimated) ..	1,500	1,500	(a)	(a)	(a)	(a)	(a)
Egypt—							
Tar	(a)	2,000	(a)	(a)	(a)	(a)	(a)
Tunis—							
Tar (gas-works) ..	714	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Figures refer to amount obtained in the manufacture of metallurgical coke only.

PRODUCTION OF COAL BY-PRODUCTS (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Panama—							
Tar	728	768	(a)	(a)	(a)	(a)	(a)
United States (coke-ovens only)—							
Tar*	1,793,075	2,369,257	2,877,293	3,009,186	3,163,144	3,154,560	3,281,227
Pitch	167,847	192,334	274,143	325,109	569,784	595,763	597,521
Sulphate equivalent of ammonia produced ..	462,842	604,288	742,954	777,457	805,815	801,512	843,663
Benzol*	59,149	84,352	106,269	130,635	284,190	441,464	489,700
Motor fuel*	153,961	213,998	271,882	282,433	174,187	57,172	49,883
Naphthalene	11,135	21,634	32,333	37,521	42,684	43,793	46,000
Toluol and xylol* ..	42,553	64,599	86,295	95,873	105,603	134,114	137,899
Solvent naphtha* ..	11,879	15,349	16,734	16,933	16,717	16,772	17,833
Creosote*	54,606	77,206	117,462	160,050	167,539	172,828	173,723
Phenol*	428	394	391	(a)	4,047	} 6,254	5,860
Light carbolic oil ..	(a)	(a)	9,650	(a)	7,377		
Argentina (gas-works)—							
Tar	(a)	9,100	} (a)	(a)	(a)	(a)	(a)
Pitch	(a)	2,260					
Liquid ammonia (28%) ..	(a)	720					
Anhydrous ammonia ..	(a)	97					
Ammonium sulphate ..	(a)	177					
Chile—							
Tar	(a)	12,720	14,548	15,801	14,482	13,633	14,740
Dutch Guiana—							
Tar	14	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Semi-coke—							
Tar	3,305	3,160	} (a)	(a)	(a)	(a)	(a)
Benzol	467	1,312					
Creosote	2,970	2,856					
Ammonium sulphate..	(a)	81					

* The following conversion rates have been used for conversion of gallons to long tons : Tar, 195 ; Benzol, 250 ; Creosote, 210 ; Motor fuel, 310 ; Toluol, 255 ; Solvent naphtha, 260 ; Phenol, 210 ; Cresylic acid, 214.

(a) Information not available.

EXPORTS OF COAL, COKE AND BY-PRODUCTS*

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Anthracite—							
small and sized	2,882,656	2,598,866	2,014,636	726,387	522,808	540,661	246,483
large	679,747	747,217	527,431	121,247	118,312	78,044	33,224
Bituminous—							
small and sized	13,597,203	14,639,114	6,416,808	1,329,099	948,891	1,089,894	896,744
unscreened	8,096,844	8,550,657	4,728,235	783,492	619,207	761,230	437,770
large	10,599,777	10,381,236	5,959,146	2,123,746	1,365,053	1,155,378	991,969
bunkers	10,488,949	9,601,088	6,988,591	4,284,876	3,541,686	3,243,831	2,417,968
Coke, gas	620,841	777,653	198,445	37,692	57,505	74,222	17,478
do. other	1,370,202	1,690,304	745,911	405,688	223,539	218,999	95,751
Manufactured fuel	335,923	590,263	411,630	169,362	70,168	115,771	23,006
do. (bunkers)	—	10	1	—	—	—	—
Tar	179,502	126,132	22,160	15,689	12,319	10,055	4,627
Pitch	314,652	333,073	368,435	14,321	64,780	71,934	74,364
Creosote oil	164,156	143,200	126,414	13,045	17,130	2,223	1,633
Other heavy coal-tar oils	4,265	3,222	999	449	121	88	236
Naphthalene	3,227	3,755	2,818	3,105	1,469	5,470	2,712
Carbolic acid—							
Crude	918	229	32	15	11	7	8
Crystals	701	401	163	49	42	22	256
Cresylic acid	9,167	8,176	9,018	11,329	8,330	12,738	8,570
Benzol	195	112	642	—	3	112,065	131,444
Eire—							
Coke	2,455	1,440	1,032	38	—	—	—
Tar and pitch	138	125	65	21	—	—	—
Creosote, etc.	578	1,618	644	134	—	—	—
Malta—							
Coal (bunkers on merchant ships) (b)	112,668	79,590	(a)	(a)	(a)	(a)	(a)
Anglo-Egyptian Sudan—							
Coal (bunkers) (b)	26,476	(a)	(a)	(a)	(a)	(a)	(a)
Kenya and Uganda—							
Coal (bunkers) (b)	2,343	6,297	15,043	54,276	59,722	61,838	77,297
Nigeria—							
Coal	52,468	49,588	54,995	54,491	73,098	80,117	187,627
do. (bunkers)	14,272	(a)	(a)	(a)	(a)	(a)	(a)
Sierra Leone—							
Coal (bunkers) (b)	66,106	90,725	304,201	300,674	312,061	274,341	244,246
Southern Rhodesia—							
Coal	470,554	492,787	585,615	582,293	709,748	867,379	920,896
Coke and patent fuel	45,663	21,948	61,908	95,490	86,025	84,162	92,980
Union of South Africa—							
Coal	886,722	1,040,204	845,950	997,111	1,270,524	2,016,608	3,663,595
do. (bunkers)	1,123,338	912,769	(a)	(a)	(a)	(a)	(a)
Coke	16,502	12,988	12,604	6,861	30,201	29,993	28,040
Tar and pitch	348	296	183	2,132	1,777	1,990	4,749
Canada—							
Coal	306,903	328,754	444,712	468,624	719,390	983,495	892,328
Lignite	8,437	7,142	6,090	5,884	8,811	7,667	9,672
Coke	27,265	42,959	31,717	35,863	39,879	43,086	38,025
Tar and pitch	25,748	9,617	2,085	2,774	2,368	1,164	1,481
Creosote oil	3,481	736	495	35,119	7,061	6,174	12,360
Other coal tar oils	17,174	17,721	22,291	5,459	8,651	7,845	9,289

* For ammonium sulphate, etc. see Nitrogen Compounds, pages 214-216.

(a) Information not available.

(b) Foreign coal (see imports).

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British West Indies—							
Jamaica—							
Coal (bunkers) (c) ..	120,186	129,637	53,987	36,883	19,838	13,044	5,182
St. Lucia—							
Coal (bunkers) (c) ..	21,699	18,563	14,906	39,767	(a)	(a)	(a)
Trinidad and Tobago—							
Coal (bunkers) (c) ..	37,364	35,447	22,949	33,518	86,482	130,341	69,244
Coke and patent fuel..	5	1	—	—	—	—	—
Aden (including re-exports)—							
Coal (bunkers) (c) ..	56,114	78,074	76,903	199,499	278,101	212,389	184,341
Brunei—							
Coal	54	(a)	(a)	(a)	(a)	(a)	(a)
British India—							
Coal	1,321,352	1,671,097	2,089,224	1,693,233	414,262	263,006	103,493
do. (bunkers—domestic produce)	644,719	692,334	639,135	758,719	796,637	449,460	367,361
do. (bunkers—foreign produce)	35,639	29,724	9,512	8	550	60	—
Coke	21,681	17,405	23,057	41,347	4,006	680	150
Coal and coke (government stores)	(a)	—	(a)	(a)	20,212	2,200	13,703
British Malaya (including re-exports)—							
Coal	2,547	2,617	8,936	(a)	(a)	(a)	(a)
do. (bunkers) (c) ..	343,847	(a)	(a)	(a)	(a)	(a)	(a)
Coke	603	927	1,589	(a)	(a)	(a)	(a)
Tar and pitch	586	510	725	(a)	(a)	(a)	(a)
Ceylon—							
Coal (bunkers) (c) ..	225,336	287,336	223,669	252,844	164,175	102,973	147,469
Cyprus—							
Coal (bunkers) (c) ..	18	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (including re-exports)—							
Anthracite	4,294	14,603	6,782	}	(a)	(a)	(a)
Bituminous	51,221	20,436	12,929				
do. (bunkers) (c) ..	337,884	356,279	(a)				
Coke	858	431	220				
Briquettes	25	20	—				
Sarawak—							
Coal	5	—	—	(a)	(a)	(a)	(a)
Australia—							
Coal	405,660	345,675	294,367	245,226	276,107	192,745	150,555
do. (bunkers) (b) ..	617,717	556,056	330,032	347,291	344,152	231,276	209,501
Coke	34,296	44,445	21,563	17,188	23,220	30,217	22,697
Tar and pitch	1,698	2,195	2,543	3,009	1,840	390	291
New Zealand—							
Coal	12,533	17	5,354	4,885	6	33	516
do. (bunkers)	43,280	43,973	75,323	53,294	54,694	42,504	37,171
Coke	9	6	8	2	25	6	16
Tar	62	6	36	83	7	12	7
Pitch	1	5	2	8	—	—	2

(a) Information not available.

(b) Years ended June 30 of year stated.

(c) Foreign coal (see imports).

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Austria (c)—							
Coal	493	1	}	(a)	(a)	(a)	(a)
Brown coal	438	118					
Coke	26	3					
Tar and pitch	4,577	453					
Tar oils	1,809	479					
Naphthalene	344	15					
Carbolic acid	3	1					
Carbolineum, creolin, etc.	16	50					
Belgium-Luxemburg E. U.—							
Coal	4,328,623	4,564,208	(a)	} 3,225,109	2,304,452	1,806,470	237,074
do. (bunkers) (b)	270,858	345,743	(a)				
Coke	1,185,276	1,604,221	(a)	} 74,974	1,689,148	1,255,915	336,236
Briquettes	584,545	418,613	(a)				
do. (bunkers) (b)	32,562	34,645	(a)		102,003	155,501	14,835
Brown coal briquettes	55	35	(a)	417				87	63	—
Tar	30,727	14,462	(a)	44	959	1,114	6
Pitch and other tar residues	38,027	20,904	(a)	(a)	(a)	(a)	(a)
Naphthalene	5,602	6,438	(a)	7,355	3,075	3,016	1,713
Distillates	78,585	87,861	(a)	32,504	20,154	43,749	15,966
Bulgaria—							
Coal	15,429	(a)	(a)	67,433	67,507	166,400	55,544
Czecho-Slovakia—							
Coal	1,457,447	}	(a)	(a)	(a)	(a)	(a)
Brown coal	1,244,190						
Coke	683,329						
Briquettes	41,478						
Tar and pitch	8,021						
Benzol, etc.	13,440						
Crude naphthalene	2,972						
Crude carbolic acid	3,046						
Cresol	1,392						
Denmark—							
Coal	992	1,069	181	—	—	—	—
Briquettes	729	8	—	—	—	—	—
Coke	4,145	2,731	—	—	—	—	—
Tar and pitch	8,885	3,741	60	42	235	—	2,435
France—							
Coal	865,546	797,038	225,881	846,532	844,218	90,765	67,094
Brown coal	126	191	283	2,510	12,275	1,237	(a)
Coke	208,919	207,304	37,277	15,469	16,386	9,116	14,122
Briquettes	56,957	107,888	26,477	32,761	16,172	10,980	654
Coal, coke and briquettes—							
Bunkers (domestic produce)	36,143	52,825	75,133	393,125	426,662	(a)	(a)
do. (foreign produce)	962,084	867,355	417,244	72,226	56,955	(a)	(a)
Tar and pitch	1,337	2,387	960	1,459	1,171	7	425
Benzol, etc.	120	69	60	518	1,629	2,763	1,318
Naphthalene	600	462	158	56	162	344	207
Carbolic acid, etc.	274	200	445	1,301	725	—	(a)
Coal tar oils	523	130	60	60	37	—	(a)
Germany—							
Coal	28,832,190	21,732,358	} 30,065,805	27,470,337	29,395,671	32,826,070	16,467,840
do. (bunkers for foreign ships)	338,849	95,098					
Brown coal	481,360	1,002,671	3,715	78,941	728,781	795,017	550,093

(a) Information not available.

(b) Bunkers for foreign ships only.

(c) Figures for 1939 are for January to March only.

(d) January to July only.

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
<i>Germany—continued</i>							
Coke	5,211,311	5,456,270	4,881,095	4,917,712	4,245,351	4,305,564	(d) 3,070,641
Coal briquettes	1,111,763	665,007	422,951	777,631	529,083	386,594	102,790
Brown-coal briquettes	983,612	1,161,343	825,541	657,197	833,985	1,967,485	1,042,859
Tar and pitch	112,515	141,504	90,794	117,979	105,685	78,464	34,229
Naphthalene	6,294	10,042	6,105	6,029	5,972	4,400	1,785
Carbolic acid	369	1,090	134	374	559	720	341
Cresol	2,115	2,098	334	801	1,199	1,147	503
Light coal-tar oils, etc.	2,396	5,119	12,542	26,494	40,621	20,743	5,517
Heavy coal-tar oils, etc.	54,546	24,065	4,198	12,303	37,681	9,722	3,732
<i>Hungary—</i>							
Coal	33,714	32,799	} (a)	} (a)	} (a)	} (a)	} (a)
Lignite	239,735	201,724					
Coke	7,917	14,314					
Briquettes	945	1,624					
Tar and pitch	66	71					
Benzol	81	54					
<i>Italy—</i>							
Coal	2,402	(d) 1,408	} (a)	} (a)	} (a)	} (a)	} (a)
do. (bunkers for foreign ships)	7,314	(d) 2,835					
Coke	939	(d) 202					
Tar and tar oils	224	(d) 153					
Naphthalene	163	(d) 145					
Benzol, toluol and xylol	6	(d) —					
Carbolic acid and cresylic acid	3	(d) 2					
<i>Latvia—</i>							
Coal	358	(a)	(a)	(a)	(a)	(a)	(a)
<i>Netherlands—</i>							
Coal	3,363,107	2,694,316	1,246,298	1,351,288	798,854	574,996	} (a)
do. (bunkers) (b)	3,007,696	2,173,502	394,318	249,566	203,015	171,401	
Coke	(c) 2,135,705	(c) 2,263,469	1,130,274	957,503	684,044	1,073,971	
Briquettes	406,793	308,371	105,458	148,195	150,269	119	
Brown-coal briquettes	22,799	24,507	6,015	—	—	—	
Tar	5,784	4,262	291	49	4	7	
Cresosote	38,184	(c) 43,880	(c) 26,979	15,247	25,156	18,795	
Naphthalene	4,367	7,483	3,795	3,631	2,213	2,112	
Anthracene	3,124	3,124	2,447	7,285	3,802	2,445	
Carbolic acid	630	504	661	1	3	—	
Benzol	18,361	3,857	8,188	17,894	12,750	12,623	
Toluol and xylol	3,427	1,106	840	602	1,282	948	
Solvent naphtha	126	436	193	134	—	—	
Asphalt	219	63	—	—	—	5	
<i>Norway—</i>							
Coal	(a)	582	16	999	—	—	—
Tar	125	59	58	12	—	—	—
Pitch	—	—	138	4	9	—	—
<i>Poland—</i>							
Bituminous	9,707,238	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
do. (bunkers)	1,777,641						
Coke	272,432						
Briquettes	782						
Tar and pitch	30,817						
Naphthalene	1,535						
Carbolic acid, etc.	524						
Benzol	19,294						
Cresosote, etc.	72						

(a) Information not available.

(b) Including imported coal.

(c) Including re-exports.

(d) January to July only.

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Portugal—							
Coal	31	19	756	63	88	510	610
do. (bunkers) (b) ..	89,104	85,800	70,046	42,804	23,153	14,863	27,359
Tar and pitch	43	41	40	84	64	146	203
Spain—							
Anthracite	(a)	(a)	1	1,750	5,236	9,548	3,796
Bituminous	(a)	(a)	92,757	157,146	200,115	278,400	302,395
Other coal	(a)	(a)	120	8	2	4	1
Coke	(a)	(a)	145	198	43	426	148
Briquettes	(a)	(a)	4,061	—	—	—	—
Carbolic acid, naphthalene, etc.	(a)	(a)	65	29	22	64	38
Tar and pitch	(a)	(a)	320	20	8	10	3
Spitzbergen—							
Coal (including bunkers)	596,000	602,024	532,419	(a)	(a)	(a)	(a)
Sweden—							
Anthracite	3	18	—	—	—	—	—
Other coal	2,355	1,611	261	—	—	—	33,348
Coke	6,866	4,717	7,128	—	—	—	15,050
Tar, pitch, etc.	9,963	4,009	4,483	8,812	7,491	8,265	1,982
Benzol	1,609	918	28	—	—	—	—
Carbolic acid, etc. ..	36	21	—	—	—	—	—
Switzerland—							
Coal	5	10	—	—	—	—	—
Coke	1	5	—	—	—	—	—
Briquettes	26	60	—	—	—	—	—
Tar and pitch	569	443	50	4	—	2	—
Creosote, etc.	14	5	—	—	—	—	—
Naphthalene, etc. ..	780	520	443	355	78	164	75
U.S.S.R.—							
Anthracite	(c) 277,179	(a)	(a)	(a)	(a)	(a)	(a)
Other coal	(c) 39,939						
Briquettes	(c) 3,356						
Tar and pitch	(c) 86,577						
Solvent naphtha. ..	(c) 15						
Benzol, toluol and xylol	(c) 8,365						
Carbolic acid	(c) 5						
Naphthalene	(c) 2,261						
Yugoslavia—							
Bituminous	560	30	(a)	(a)	(a)	(a)	(a)
Lignite	42,040	33,435					
Brown coal	10,615	45,797					
Coke	2,967	—					
Briquettes	883	278					
Creosote	10	—					
Algeria—							
Coal	358	(a)	(a)	(a)	(a)	(a)	(a)
do. (bunkers)	414						
do. do. (d)	605,596						
Coke	139						
Briquettes	10						
do. (bunkers) (d) ..	1,697						
Tar	1,930						
Angola (d)—							
Coal	22,360	27,901	28,409	33,723	8,625	227	325

(a) Information not available.

(b) Bunkers for foreign ships.

(c) January to September only.

(d) Foreign coal (see imports).

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Cape Verde Islands (b)—							
Coal (bunkers)	111,635	111,858	131,197	30,153	5,808	2,906	1,210
Ceuta—							
Coal	(a)	(a)	(a)	(a)	2,575	2,579	3,507
do. (bunkers) (b) ..	(a)	(a)	(a)	(a)	88,262	122,893	135,601
Egypt—							
Coke	1,138	505	—	—	79	—	2
Briquettes	79	20	250	1,083	—	—	—
Tar	2	2	11	30	19	—	7
Madagascar (foreign coal)—							
Coal (bunkers)	15,192	(a)	14,513	31,234	(a)	4,517	6,320
Morocco (French)—							
Anthracite	98,973	}	(a)	(a)	(a)	(a)	(a)
Briquettes	2,599						
Mozambique—							
Coal	6,976	6,089	7,805	2,884	3,792	4,708	7,036
Mexico—							
Coal	169	44	190	117	(a)	(a)	(a)
United States—							
Anthracite	1,704,385	2,312,500	2,381,814	3,018,026	3,963,025	3,695,250	3,737,440
Bituminous	9,366,312	10,348,641	14,701,721	18,518,278	20,485,094	23,068,043	23,243,168
do. (bunkers)	1,207,571	1,318,354	1,273,068	1,466,973	1,414,967	1,470,144	1,392,263
Coke	434,438	526,719	717,942	633,010	749,627	888,042	773,960
Briquettes	14,904	11,229	20,790	36,140	92,787	156,070	146,136
Tar and pitch	59,131	49,522	17,722	34,726	45,807	32,087	27,488
Benzol	35,378	48,016	31,691	9,983	624	147	1,891
Creosote	2,114	11,418	1,899	4,561	893	1,067	1,838
Toluol and xylol ..	(a)	(a)	26,955	11,014	33,837	37,092	51,710
Carbolic acid	(a)	980	1,922	1,422	8,531	13,768	12,824
Argentina—							
Coal	62,250	68,728	49,294	44,263	23,391	36,740	34,727
Coke	105	297	1,989	112	16	22	1
Tar and pitch	27	41	36	21	27	4	—
Brazil—							
Coal	30	—	6,791	60,464	54,628	56,371	16,740
Chile—							
Coal (including bunkers)	57,203	34,941	33,939	49,089	86,559	67,000	(a)
Coke	51	58	47	3	131	(a)	(a)
Colombia—							
Coal	—	1	—	18	6,505	2,872	135
Peru—							
Coal (including bunkers)	—	—	—	12	324	23,122	8,641
Uruguay—							
Coal (b)	64,964	58,197	74,171	61,827	64,647	(a)	(a)
China—							
Coal (including bunkers)	1,953,891	2,829,278	4,687,701	}	(a)	(a)	(a)
Coal dust	90,708	88,503	73,898				
Coke	11,446	22,206	18,165				
French Indo-China—							
Coal	1,505,903	1,694,832	}	1,311,690	331,899	189,000	45,000
do. (bunkers)	42,269	55,611					
Coke	851	489					
Briquettes	1,030	5,117					
do. (bunkers)	767	3,636					
Tar and pitch	25	18					

(a) Information not available.

(b) Foreign coal (see imports).

EXPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan—							
Coal (c)	1,802,000	1,662,000	1,467,000	1,712,000	1,571,000	1,083,000	703,000
Tar, pitch, etc.	5,839	4,390	} (a)	(a)	(a)	(a)	(a)
Carbolic acid	79	500					
Creosote	18,967	22,845					
Naphthalene	24	288					
Korea—							
Coal	966,521	(a)	(a)	(a)	(a)	(a)	(a)
Manchuria—							
Coal	2,100,302	} (a)	(a)	(a)	(a)	(a)	(a)
do. (bunkers)	806,532						
Coke	15,059						
Creosote	9,072						
Tar and pitch	7,863						
Netherlands East Indies—							
Coal	322,501	543,221	718,274	(b) 635,969	} (a)	(a)	(a)
do. (bunkers)	38,228	57,833	60,929	(b) 38,832			
Coke	3	—	—	(a)			
Portuguese India—							
Coal	802	2,643	2,723	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Coal	87	237	—	—	73	—	—
Coke	44	122	—	1	—	—	—
Turkey—							
Coal and briquettes, including peat	336,918	203,773	43,000	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to October only.

(c) Including coal exported to other parts of the Japanese Empire.

IMPORTS OF COAL, COKE AND BY-PRODUCTS*

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Coal	8,992	11,920	22,268	2,239	767	2,054	2,576
Coke	2,884	2,485	1,118	44	—	6	—
Manufactured fuel	108	97	245	—	—	—	—
Tar and pitch	2,971	2,661	1,250	318	210	—	—
Creosote oil	101	35	529	159	1	1	—
Other heavy coal-tar oils		33	—	—	—	—	—
Naphthalene	72	600	116	—	—	—	—
Carbolic acid	182	173	780	135	1,235	2,338	—
Cresylic acid	179	26	38	—	—	—	—
Benzol	14,536	13,174	9,652	—	—	—	—
Eire—							
Anthracite	79,325	89,413	92,434	81,797	83,818	87,546	16,052
Bituminous	2,397,530	2,776,201	2,655,668	1,404,887	964,818	927,825	718,602
Coke	17,332	29,888	19,652	75,384	117,326	115,291	65,539
Tar and pitch	6,020	1,787	5,287	10,460	59,135	50,031	13,652
Creosote, etc.	1,715	3,070	972	764	520	282	370
Tar and bitumen mixture	9,997	18,042	21,741	14,069	2,974	121	180
Benzol	165	63	11	1	5	—	2
Malta—							
Coal (b)	125,162	86,785	(a)	(a)	(a)	(a)	(a)
Anglo-Egyptian Sudan—							
Coal	124,929	72,088	52,026	132,512	77,869	106,289	86,008
Coke	748	402	930	1,437	1,671	495	412
Patent fuel	1,270	1,750	—	—	—	—	—
Tar	32	41	48	39	31	63	380
Gambia—							
Coal, coke and patent fuel	1,706	1,601	751	2,002	754	—	1,150
Tar and pitch	103	30	6	9	39	87	160
Gold Coast—							
Coal	69,575	53,356	61,452	55,328	70,568	71,515	100,079
Coke	5,476	1,457	441	(a)	(a)	(a)	907
Patent fuel	264	107	1,754	2,966	3,006	8,164	808
Tar and pitch	(a)	2,443					
Kenya and Uganda—							
Coal (c)	123,116	131,637	130,090	146,089	188,674	222,392	244,135
Coke	503	139	759	654	1,208	572	1,505
Creosote, etc.	48	30	40	22	7	46	40
Mauritius—							
Coal	48,515	37,446	17,194	30,650	42,965	46,156	65,881
Coke and patent fuel	14,285	10,587	8,431				
Tar and pitch	74	48	43	(a)	(a)	(a)	(a)
Nigeria—							
Coal	37,118	20,946	2,846	3,519	3,415	(d) 2,151	1,992
Coke	538	524	857	433	353	898	434
Patent fuel	30	59	(£12)	7	(£63)	2	—
Tar and pitch	1,689	1,154	833	1,463	883	2,087	1,706
Northern Rhodesia—							
Coal and patent fuel	396,085	415,090	498,981	486,093	517,272	586,207	578,692
Coke	2,739	2,905	2,907	2,313	3,644	3,814	3,795
Tar and creosote oil	120	79	133	10	54	105	70
Tar and pitch	223	109	253	173	213	230	246

* For ammonium sulphate, etc., see Nitrogen Compounds, pages 217-223.

(a) Information not available.

(b) Imported chiefly for bunkering purposes. See exports.

(c) Includes coal imported for bunkering purposes. See exports.

(d) Excess of re-exports.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Nyasaland—							
Coal	3,694	3,346	4,197	4,096	5,738	6,023	5,325
Sierra Leone—							
Coal (b)	77,956	110,225	262,647	322,185	330,978	289,257	251,974
Coke	41	53	163	40	(a)	(a)	40
Tar and pitch	89	81	71	70	677	96	693
Southern Rhodesia—							
Coal and coke	429	558	643	781	882	1,150	1,109
Tar and pitch	101	90	63	323	335	688	2,778
South West Africa—							
Coal	2,357	1,992	2,163	23,413	6,135	5,010	3,623
Coke	14,359	14,413	2,271	28	69	36	52
Tanganyika Territory—							
Coal	25,882	9,609	21,250	92	14,090	11,989	25,375
Coke	120	191	131	302	508	244	287
Creosote	67	32	20	18	31	21	12
Union of South Africa—							
Coal	23,296	31,361	48,608	42,396	44,230	46,827	47,199
Coke	403	1,032	266	69	87	78	473
Tar and pitch	588	605	654	499	282	216	321
Naphthalene	141	76	38	68	4	17	9
Tar and creosote	324	957	306	401	57	41	25
Zanzibar—							
Coal	5,598	5,123	2,616	8,212	6,863	13,720	10,413
Canada—							
Anthracite	3,046,757	3,811,396	3,474,030	3,372,551	4,250,834	3,881,983	3,908,393
do. dust	56,637	17,587	47,626	67,637	134,546	118,271	67,492
Bituminous	8,120,616	9,172,160	11,686,912	14,439,409	17,515,622	20,727,211	21,173,846
do. (bunkers)	359,341	356,688	346,610	320,842	362,897	361,820	496,415
Brown coal	2,644	3,034	2,226	834	213	301	152
Coke	350,451	456,851	596,289	588,004	692,459	822,391	726,433
Cresylic acid	153	196	104	21	113	53	148
Benzol	377	211	723	27	—	—	—
Tar	18,437	18,624	6,630	26,591	36,426	34,895	9,837
Pitch	2,582	3,892	2,498	3,862	5,153	12,945	5,588
Naphthalene	483	435	853	402	325	830	688
Carbolic acid, etc.	1,243	766	291	399	418	502	867
Newfoundland (c)—							
Anthracite	14,152	21,255	4,627	15,843	(d) 11,584	18,974	18,370
Other coal	266,395	312,350	323,641	380,653	(d) 308,178	422,617	523,570
Coke	256	373	301	536	(d) 288	316	(e) 267
British Guiana—							
Coal	4,059	3,082	3,562	1,787	4,266	6,112	8,690
Coke	94	90	85	267	138	204	45
Patent fuel	5,500	4,500	5,159	1,800	4,810	3,500	95
British West Indies—							
Bahamas—							
Coal	255	208	282	259	(a)	(a)	(a)
Barbados—							
Coal, coke, and patent fuel	2,393	3,963	5,605	(a)	(a)	(a)	(a)
Bermuda—							
Bituminous	3,527	4,939	11,671	8,630	3,618	7,935	213,977

(a) Information not available.

(b) Imported chiefly for bunkering purposes. See exports.

(c) Years ended June 30 of year following 1938 to 1941 and March 31 subsequently.

(d) Nine months ended March 31, 1943.

(e) Including charcoal.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British West Indies—cont.							
Jamaica—							
Coal (b)	142,997	153,415	78,361	69,553	40,330	30,677	36,842
Coke and patent fuel (d)	(£198)	(£333)	(£942)	351	244	91	184
Leeward Islands—							
Coal, coke and patent fuel	2,700	54	(£3,972)	(a)	(a)	(a)	(a)
St. Lucia—							
Coal (b)	15,831	20,042	10,277	46,910	(a)	(a)	(a)
St. Vincent—							
Coal	99	(a)	(a)	(a)	(a)	(a)	(a)
Trinidad and Tobago—							
Coal (b)	46,536	40,816	20,204	38,555	90,548	183,547	78,182
Coke	243	6,013	12	527	6,054	2,912	2,181
Patent fuel	5,324	6,788	10,696	4,250	3,424	—	4
British Honduras—							
Coal and coke	475	828	54	62	76	59	15
Tar and pitch	7	5	13	336	9	9	14
Aden—							
Coal (b)	39,719	70,485	89,832	228,593	279,820	206,136	224,640
Coke	14	29	26	27	508	55	—
Tar and pitch	27	36	18	37	17	1	16
Naphthalene	255	303	210	22	202	379	351
Carbolic acid	7	6	—	—	—	—	—
British India (total imports)—							
Coal	45,063	46,758	5,026	8,008	8,386	1,647	423
Coke	1,677	2,759	248	137	280	554	67
Coal and coke (government stores)	769	—	80	21	—	—	—
Tar and pitch	2,365	1,965	1,792	1,472	1,235	79	35
Naphthalene	453	440	225	477	15	13	188
Carbolic acid	35	36	23	70	10	72	210
British Malaya (total imports)—							
Coal (c)	475,772	618,123	503,495	(a)	(a)	(a)	(a)
Coke	4,757	8,616	11,435	(a)	(a)	(a)	(a)
Tar and pitch	1,795	1,635	2,493	(a)	(a)	(a)	(a)
Burma—							
Coal	399,239	287,892	321,942	(a)	(a)	(a)	(a)
Coke	50,210	34,066	34,230	(a)	(a)	(a)	(a)
Tar and pitch	3,101	3,350	4,795	(a)	(a)	(a)	(a)
Naphthalene	34	92	22	(a)	(a)	(a)	(a)
Ceylon—							
Coal (c)	383,470	470,532	501,007	296,494	333,622	259,581	285,925
Coke	917	30	807	902	773	295	838
Cyprus—							
Coal	4,097	(a)	(a)	(a)	(a)	(a)	(a)
Coke and briquettes	49	(a)	(a)	(a)	(a)	(a)	(a)
Tar and pitch	13	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Anthracite	97,054	129,776	158,845	(a)	(a)	(a)	(a)
Bituminous (c)	641,776	523,136	482,115	(a)	(a)	(a)	(a)
Coke	1,942	2,277	2,873	(a)	(a)	(a)	(a)
Briquettes	—	400	—	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

(c) Imported chiefly for bunkering purposes. See exports.

(d) Coke only from 1941.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Palestine—							
Anthracite	13,563	24,887	14,241	9,484	9,861	1,683	—
Other coal	37,506	46,474	28,286	37,199	123,027	11,578	4,399
Coke	1,307	1,439	1,438	969	1,147	930	405
Patent fuel	166	369	623	71	146	—	—
Briquettes	4,967	7,508	3,661	1,523	1,506	—	—
Tar and pitch .. .	54	34	22	2	15	15	10
Sarawak—							
Coal	250	577	1,017	(a)	(a)	(a)	(a)
State of North Borneo—							
Coal and coke .. .	1,305	339	(a)	(a)	(a)	(a)	(a)
Australia—							
Coal	73,520	19,703	21,001	(e) 11,618	7,529	1,791	4,739
Coke	6,906	4,037	2	—	—	425	—
Tar and pitch .. .	168,313	95,453	82,998	43,458	31,335	25,276	68,552
Naphthalene .. .	34	59	3	718	—	—	—
Carbolic acid .. .	150	215	221	—	3	—	1
Tar oil	350	385	353	100	131	178	129
Fiji—							
Coal	23,498	24,556	21,910	11,398	29,584	19,999	24,396
Coke	329	526	212	444	495	208	289
Tar and pitch .. .	59	124	194	(a)	(a)	(a)	(a)
Gilbert and Ellice Islands (c)—							
Coal	3,606	(a)	(a)	(a)	(a)	(a)	(a)
New Guinea—							
Coal and coke (c) (£ Australian)	(£15,487)	(a)	(a)	(a)	(a)	(a)	(a)
New Zealand—							
Coal	109,206	111,537	64,860	78,171	90,865	37,454	—
Coke	1,249	1,302	1,238	861	905	1,418	2,399
Tar	1,120	973	184	57	32	(a)	(a)
Pitch	90	1,070	1,691	2,296	1,046	313	119
Benzol, toluol, etc. ..	246	91	33	16	8	1	10
Naphthalene (£ N.Z.) ..	(£845)	(£355)	—	(£104)	(£10)	(£747)	(£6,008)
Papua (c)—							
Coal and coke	2,289	2,770	(a)	(a)	(a)	(a)	(a)
Solomon Islands (b)—							
Coal	291	595	346	340	(a)	(a)	(a)
FOREIGN COUNTRIES							
Albania—							
Coal	4,237	} (a)	(a)	(a)	(a)	(a)	(a)
Naphthalene	68						
Austria (d)—							
Coal	1,509,419	} (a)	(a)	(a)	(a)	(a)	(a)
Brown coal	208,211						
Coke	133,193						
Briquettes	2,437						
Carbolic acid	26						
Tar and pitch	34						
Naphthalene	4	} (a)	(a)	(a)	(a)	(a)	
Tar oils	6,551						

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30 of year stated.

(d) Figures for 1939 are for January to March only.

(e) Excess of re-exports.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Belgium-Luxemburg E.U.—							
Coal	4,422,685	3,481,927	(a)	97,918	206,861	201,503	545,151
do. coke	1,907,047	1,956,597	(a)	212	456	54,887	130,999
do. briquettes	91,504	90,242	(a)	825	146	759	172
Brown coal	702	483	(a)	1,562	—	26	35,476
do. do. coke	617	1,170	(a)	521	288	47	14
do. do. briquettes	200,323	207,385	(a)	57,193	68,063	202,371	105,911
Tar	52,027	27,600	(a)	22,118	14,865	9,997	873
Pitch, asphalt and other tar residues	88,657	83,255	(a)	(a)	(a)	(a)	(a)
Naphthalene	3,171	4,205	(a)	90	6	2	—
Distillates	40,320	29,346	(a)	341	1,899	575	292
Bulgaria—							
Coke	4,082	(a)	(a)	(a)	(a)	(a)	(a)
Benzol	10						
Carbolic acid	23						
Naphthalene	275						
Creosote, etc.	4,661						
Czecho-Slovakia—							
Coal	1,242,099	(a)	(a)	(a)	(a)	(a)	(a)
Brown coal	508,712						
Coke	116,159						
Briquettes	23,371						
Tar and pitch	2,932						
Benzol, etc.	493						
Crude carbolic acid	1,326						
Cresol	11						
Denmark—							
Coal	3,794,244	4,209,770	2,242,359	2,195,220	1,870,757	2,142,731	2,408,482
Brown coal	—	—	229	—	197	58,170	184,727
Coke	1,069,395	1,133,934	585,810	609,424	392,287	359,727	303,013
Briquettes	150,566	237,165	880,903	219,745	26,739	30,097	34,591
Brown coal briquettes	—	—	—	179,269	269,991	626,470	524,930
Tar	—	—	31	30	4	13	821
Pitch	132	185	57	1,109	1,541	2,271	2,212
Carbolineum	35	4	23	66	414	408	566
Benzol	306	228	968	3,323	5,771	3,841	2,464
Carbolic acid	153	187	54	—	4	7	46
Estonia—							
Coal	60,763	(a)	(a)	(a)	(a)	(a)	(a)
Coke	4279						
Tar and pitch	393						
Naphthalene	20						
Carbolic acid	8						
Benzol	12						
Finland (total imports)—							
Anthracite	1,162	4,305	1,638	156	—	2,853	823
Other coal	1,504,407	1,138,775	552,001	930,828	769,383	1,046,172	724,265
Coke	244,127	255,446	125,248	116,666	117,638	238,041	165,662
Tar	(b) 1,250	80	3	49	332	31	3,686
Carbolic acid, creosote and cresol	2,158	1,248	75	110	73	134	53
Naphthalene	85	136	9	267	125	35	60
Benzol	38	26	44	180	168	330	309
Carbolineum	44	189	21	24	22	20	5
France—							
Anthracite	2,045,699	1,616,195	575,206	84,800	37,691	33,309	4,774
Bituminous	16,343,165	12,100,619	5,950,908	1,531,459	1,547,532	1,373,553	802,359
Lignite	18,935	60	761	4	512	—	(a)

(a) Information not available.

(b) Includes pitch.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
<i>France—continued</i>							
Coke	2,324,241	2,748,200	846,558	70,625	152,499	425,605	346,747
Coal briquettes	791,369	338,369	288,432	56,835	3,333	72,134	7,716
Brown-coal briquettes ..	226,309	208,878	238	169	23,922	190,763	56,732
Tar and pitch	678,960	485,761	356,483	35,310	55,161	39,465	13,604
Naphthalene	2,344	1,371	3,990	—	298	304	134
Carbolic acid, etc. .. .	1,445	670	76	—	—	—	(a)
Anthracene	4,764	4,039	716	483	—	—	(a)
Benzol	35,577	22,760	8,644	1,858	7,558	1,864	229
Heavy coal-tar oils .. .	36,411	21,009	587	47	138	—	2,474
<i>Germany—</i>							
Coal	4,891,495	4,248,119	1,445,878	3,634,181	2,159,920	1,449,400	(c) 75,102
Brown coal	1,252,039	63,387	42,773	55,598	51,548	24,187	(c) 2,988
Coke	581,983	410,612	1,094,083	3,945,839	2,974,990	2,413,485	(c) 903,337
Coal briquettes	107,085	114,092	95,956	216,159	81,121	40,018	(c) 2,436
Brown-coal briquettes ..	59,910	12,781	2,827	—	—	—	(c) —
Tar and pitch	1,342	349	5,950	9,736	5,085	6,421	(c) 3,189
Naphthalene	94	1,145	1,167	10,421	5,421	7,878	(c) 3,519
Carbolic acid	684	93	228	2,639	492	455	(c) 150
Cresol	312	144	378	—	15	—	(c) —
Light coal-tar oils, etc.	44,926	18,182	10,462	23,314	22,014	38,435	(c) 16,412
Heavy coal-tar oils, etc.	2,396	3,329	42,272	53,305	44,987	53,197	(c) 18,074
<i>Greece—</i>							
Coal	882,461	798,864	353,310	} (a)	(a)	(a)	(a)
Coke	76,407	56,043	5,123				
Naphthalene	901	937	1,295				
Pitch	666	455	—				
Benzol	121	68	91				
<i>Hungary—</i>							
Coal	193,034	289,821	} (a)	(a)	(a)	(a)	(a)
Lignite	591	945					
Coke	322,598	468,569					
Tar and pitch	14,731	21,536					
Benzol	170	126					
Carbolic acid and cresol	61	108					
<i>Iceland—</i>							
Coal	171,647	155,316	130,765	94,721	134,051	138,606	129,646
Coke	1,320	942	2,010	3,495	547	464	1,813
Tar	22	61	19	83	382	246	417
Carbolineum	15	24	15	18	35	1	5
<i>Italy (b)—</i>							
Anthracite	646,377	387,015	} (a)	(a)	(a)	(a)	(a)
Bituminous	11,024,945	6,104,851					
Lignite	43,930	13,785					
Coke	201,511	68,119					
Coal briquettes	9,339	6,339					
Tar and tar oils	10,786	6,337					
Carbolic acid and cresylic acid	1,011	454					
Naphthalene	2,805	376					
Benzol, toluol and xylol	5,847	5,145					
<i>Latvia—</i>							
Coal	597,144	} (a)	(a)	(a)	(a)	(a)	(a)
Coke	69,920						
Tar and pitch	5						
Carbolic acid	3						
Naphthalene	42						
Benzol	3						
Creosote, etc.	809						

(a) Information not available.

(b) Figures for 1939 are for January to July only.

(c) January to July only.

IMPORTS OF COKE, COAL AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944					
FOREIGN COUNTRIES (Cont.)												
Lithuania—												
Anthracite	6,044	}	(a)	(a)	(a)	(a)	(a)					
Other coal	277,322											
Coke	17,966											
Briquettes	43											
Carbolic acid	7											
Naphthalene	30											
Tar	1,325											
Benzol	62	}	(a)	(a)	(a)	(a)						
Carbolineum	4											
Netherlands—												
Coal (b)	7,606,180						7,753,635	2,540,108	1,654,235	1,241,495	1,227,917	}
Brown coal	108						208	535	1,624	577	841	
Coke	325,356						364,003	146,996	18,142	945	913	
Briquettes	314,737						347,721	130,297	8,699	1,165	715	
Brown-coal briquettes	131,148	155,003	107,834	148,195	150,269	143,696						
Tar	14,995	16,462	55	1	295	4,139						
Creosote	19,267	12,914	3,946	1	6	24						
Naphthalene	831	737	380	260	—	—						
Carbolic acid	94	227	107	5	12	18						
Benzol	220	248	131	3	1	16						
Toluol and xylol	560	595	23	1	33	42						
Carbolineum	1,244	1,703	737	21	5	80						
Solvent naphtha	122	121	13	—	—	—						
Asphalt	368	205	37	47	18	83						
Norway—												
Coal	2,233,745	2,692,974	1,442,065	1,059,492	1,166,720	1,357,859	1,114,185					
Coke	340,823	439,749	109,121	—	—	—	—					
Tar and pitch, etc.	9,041	13,042	5,009	10,212	10,423	6,267	6,252					
Pitch coke	(a)	19,517	14,218	17,791	18,415	14,971	16,365					
Creosote, etc.	3,131	6,098	1,661	944	1,243	1,327	873					
Poland—												
Anthracite	2,239	}	(a)	(a)	(a)	(a)	(a)					
Bituminous	100,586											
Coke	65,750											
Briquettes	8,558											
Tar and pitch	5,497											
Creosote, etc.	730											
Benzol	1											
Carbolic acid, etc.	11											
Portugal—												
Anthracite	157,423	137,848	43,275	9,332	30,000	23,592	990					
Other coal	944,727	989,706	691,152	627,196	437,165	482,865	564,880					
Coke	28,650	28,460	11,802	22,047	13,536	21,888	7,244					
Briquettes	3,419	2,301	4,714	16,951	2,260	97	109					
Tar and pitch	1,988	2,672	5,022	2,970	3,560	7,490	4,741					
Carbolic acid	12	8	8	3	3	2	36					
Naphthalene	126	83	72	199	71	328	120					

(a) Information not available.

(b) Of which the amounts imported for bunkering purposes were:—

Year	long tons
1938	2,768,774
1939	1,965,627
1940	355,889
1941	228,270
1942	177,939
1943	146,504
1944	(a)

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Roumania—							
Bituminous	26,508	13,604	16,413	} (a)	(a)	(a)	(a)
Coke	61,950	54,340	49,798				
Naphthalene	370	519	494				
Benzol and xylol	613	858	586				
Creosote, etc.	121	4,922	3,547				
Spain—							
Bituminous	(a)	(b) 27,144	101,560	70,083	81,263	105,550	64,055
Other coal	(a)	(a)	199	—	157	—	—
Coke	(a)	(b) 615	21,833	68,658	98,376	65,545	24,696
Briquettes	(a)	(a)	11,913	3,302	1,776	—	—
Tar and pitch	(a)	(b) 40,341	39,322	6,448	6,854	6,497	48,107
Benzol, toluol, xylol, etc.	(a)	(a)	952	—	1	4	1
Sweden—							
Anthracite	75,373	114,412	78,894	86,706	66,467	84,864	45,862
Other coal	5,606,576	6,127,890	3,854,389	3,023,416	2,595,412	3,419,868	2,265,439
Coke	1,908,940	2,302,175	1,697,722	1,617,278	1,166,887	1,222,645	1,194,520
Briquettes	20,132	37,202	33,562	82,833	90,725	96,880	43,793
Tar, pitch, etc.	1,621	1,365	881	610	658	611	599
Benzol, etc.	3,247	4,818	2,315	2,527	2,107	2,777	177
Carbolic acid, etc.	10,063	9,732	3,508	241	89	82	1,567
Switzerland—							
Coal	1,885,306	2,300,928	1,593,326	1,199,688	1,165,951	1,128,067	803,532
Lignite	183	821	49,521	190,099	63,791	144,593	32,035
Coke	872,796	984,222	670,697	529,044	358,888	303,925	309,642
Briquettes	525,725	618,535	321,031	332,997	290,095	338,137	202,423
Tar and pitch	30,665	31,363	19,117	9,902	30,180	93,066	61,660
Creosote, etc.	1,507	933	421	221	96	433	1,067
Naphthalene, etc.	11,028	11,782	10,505	3,927	3,424	2,264	1,306
Yugoslavia—							
Anthracite	28,665	38,637	} (a)	(a)	(a)	(a)	(a)
Bituminous	201,697	118,678					
Lignite	—	2,289					
Brown coal	4,252	113					
Coke	237,393	228,608					
Briquettes	17,910	1,108					
Tar	1,612	340					
Pitch	6,149	8,789					
Light oils	198	82					
Heavy oils	14,416	10,349					
Naphthalene, etc.	525	533					
Carbolic acid, etc.	37	23					
Algeria—							
Coal	(c) 569,196	582,300	592,800	502,900	501,900	630,000	870,000
Coke	1,594	} (a)	(a)	(a)	(a)	(a)	(a)
Briquettes	120,274						
Tar and pitch	7,191						
Benzol	128						
Naphthalene	128						
Heavy oils	463						
Angola—							
Coal	25,581	33,827	26,508	35,362	5,975	3,029	5,576
Coke	(a)	216	129	113	295	221	167
Tar and pitch	(a)	265	240	153	258	158	172
Belgian Congo—							
Coal	22,479	27,415	} (d) 76,000	(d) 130,000	(d) 190,000	(d) 230,000	(d) 250,000
Coke	69,227	41,482					
Briquettes	39,261	30,712					
Tar	209	172					

(a) Information not available.

(b) April to December only.

(c) Total imports (chiefly for bunkering purposes) were 1,153,193 long tons.

(d) Estimated.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944		
FOREIGN COUNTRIES (Cont.)									
Cameroon (French)— Coal and briquettes ..	7,098	6,049	18	2,155	2,704	3,148	3,015		
Canary Islands— Coal (c)	(a)	(a)	(a)	(a)	79,338	106,428	118,761		
Cape Verde Islands— Coal (c)	122,359	175,039	141,988	22,231	8,234	8,755	19,244		
Ceuta— Coal (c)	(a)	(a)	(a)	(a)	120,442	160,911	187,362		
Egypt— Coal	1,390,684	1,321,541	322,691	402,256	558,019	185,901	306,717		
Coke	16,264	11,162	6,973	6,304	3,648	1,491	4,689		
Briquettes	56,888	154,373	68,636	(d) 3,111	—	—	—		
Tar and pitch	111	120	44	—	40	6	10		
Naphthalene	173	173	87	191	86	16	38		
Coal-tar residues	119	32	83	13	7	23	—		
French Equatorial Africa— Coal and briquettes ..	10,384	8,712	403	2,452	5,089	7,097	5,041		
French Somaliland— Coal and briquettes ..	19,568	34,282	17,128	5	1,199	6,100	5,636		
French Togoland— Coal and briquettes ..	2,995	1,979	20	6	51	—	3,225		
French West Africa— Coal and briquettes (c)	95,999	136,390	30,154	19,616	44,859	59,716	75,607		
Libya— Coal and briquettes ..	53,906	(a)	(a)	(a)	(a)	(a)	(a)		
Madagascar— Coal	29,023	19,859	10,874	9,267	5,889	10,207	17,725		
Morocco (French)— Coal	116,169	117,121	158,152	38,000	82,000	182,000	222,293		
Coke								1,245	1,644
Briquettes								22,317	21,717
Morocco (Spanish)— Anthracite	12	(a)	(a)	(a)	(a)	(a)	(a)		
Other coal	8,501								
Coke	61								
Briquettes	2								
Tar	26								
Mozambique— Coal	125,182	122,584	127,465	139,667	134,071	133,328	148,983		
Coke	121	329	61	78	81	156	320		
Tar and pitch	143	132	(a)	486	(a)	(a)	(a)		
Naphthalene	(a)	7	2	4	7	25	8		
Reunion— Coal and coke	4,867	7,731	10,793	2,291	—	39	1,433		
Tunis— Coal	207,054	210,492	122,642	89,001	93,360	99,631	178,959		
Coke	7,702	10,777	6,073	4,655	4,546	1,978	2,411		
Briquettes	19,517	31,662	29,310	2,428	97	5,000	1,605		
Tar	6,310	(a)	(a)	1	4	(a)	(a)		
Costa Rica (b)— Coal	3,046	343	(e) 140	(e) 1,400	(e) 20	(e) 300	(e) 2,300		
Cuba (b)— Coal	302,740	254,906	241,784	144,742	126,919	222,296	143,869		
Coke	33,960	24,672	13,944	37,063	16,000	14,115	21,881		
Creosote oil	63	1,424	441	161	68	74	237		
Tar	204	263	233	12,211	99	313	307		
Benzol	397	447	370	229	104	—	3		

(a) Information not available.

(b) Total imports.

(c) Imported chiefly for bunkering purposes. See exports.

(d) Excess of re-exports.

(e) Exports from the United States to Costa Rica.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Dominican Republic (b)—							
Coal, coke, briquettes, etc.	1,523	118	(c) 280	(c) 200	(c) 140	(c) 200	(c) 1,800
French West Indies—							
Guadeloupe—							
Coal and coke ..	4,018	5,080	217	9,311	89	2,539	6,222
Martinique—							
Coal	8,497	5,167	7,255	9,355	7,458	2,530	7,801
Guatemala—							
Coal	301	} (c) 330	(c) 340	(c) 400	(c) 130	(c) 160	(c) 300
Coke	25						
Tar and pitch	32						
Haiti (years ended September 30)—							
Coal	36	59	(c) 30	(c) 10	(c) 30	(c) 20	(c) 60
Mexico—							
Coal	13,122	7,048	607	693	(c) 1,000	(c) 2,400	(c) 2,800
Coke	906	1,046	14,889	10,637	(c) 2,000	(c) 5,800	(c) 6,000
Tar and pitch	42	39	37	97	} (a)	(a)	(a)
Benzol	4	5	4	2,047			
Creosote	3,197	5,162	3,180	2,294			
Nicaragua (total imports)—							
Coal and coke	54	72	81	94	7	229	(c) 150
St. Pierre and Miquelon—							
Coal	25,107	26,761	5,868	7,871	9,728	9,975	5,193
United States—							
Anthracite	324,013	266,208	120,925	66,669	125,103	95,442	7,581
Bituminous	} 165,079	255,503	217,657	284,933	395,273	601,517	494,179
Lignite		1,551	3,700	3,327	5,689	2,157	1,336
Slack and culm		50,372	60,013	57,551	59,998	43,772	69,708	68,071
Coke	120,750	126,706	100,491	239,184	97,160	87,585	56,254
Briquettes	12,334	1,200	—	145	298	136	463
Tar and pitch	18,123	36,147	9,104	5,629	1,765	1,087	712
Benzol	2,389	1,304	11,142	—	10,218	108,174	178,930
Cresylic acid	4,873	5,405	4,970	9,530	5,377	10,326	8,647
Creosote oil	219,808	247,031	185,761	64,140	30,274	8,080	12,621
Naphthalene	13,378	18,350	2,808	719	79	274	229
Carbolic acid	263	—	—	1	—	—	—
Argentina—							
Coal	2,743,268	2,878,612	1,990,718	996,380	510,505	566,530	607,076
Coke	36,707	37,549	29,523	39,235	29,146	34,847	9,893
Briquettes	34,539	40,952	20,511	11,113	11,613	6,367	—
Tar and pitch	99	218	64	33	115	14	6
Naphthalene	579	667	778	1,072	435	1,264	420
Carbolic acid	510	417	443	890	735	302	253
Creolin	40	39	42	1	15	—	—
Heavy coal-tar oils ..	1,006	1,386	1,950	1,862	1,084	681	1,005
Bolivia—							
Coal	32,932	(a)	21,059	(c) 28,000	(c) 29,000	(c) 18,000	(c) 24,000
Brazil (total imports)—							
Coal	1,359,704	1,181,819	1,131,389	996,695	583,399	529,649	460,280
Coke	28,504	125,434	35,786	20,208	23,510	42,846	24,066
Briquettes	162,898	53,383	22,970	24,234	—	5,649	—
Chile—							
Anthracite	37	6	288	46	99	} (a)	(a)
Other coal	339	10	217,080	67,815	17,057		
Coke	6,746	9,133	7,051	8,321	10,545		
Naphthalene	63	36	94	56	23		
Carbolic acid and cresol	1,886	1,378	805	898	1,535		

(a) Information not available.

(b) Total imports.

(c) Exports from the United States to the country indicated.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Colombia—							
Coal	472	512	225	450	13	152	—
Tar and pitch	66	77	211	75	30	14	(a)
Naphthalene	20	15	11	25	4	7	(a)
Cresol, creolin, etc.	169	66	55	66	16	32	51
Dutch Guiana—							
Coal	(a)	4,004	4,509	(d) 4,000	(d) 7,000	(d) 2,000	(d) 4,000
Coke	(a)	10	—	(a)	(a)	(a)	(a)
French Guiana—							
Coal	39	(a)	(a)	(a)	(a)	(a)	(a)
Coke	39	(a)	(a)	(a)	(a)	(a)	(a)
Peru—							
Coal	9,890	6,444	3,816	860	439	579	49
Coke	3,045	2,063	2,181	1,290	502	2,869	493
Tar	47	93	49	42	19	15	15
Naphthalene	29	24	31	23	10	54	43
Uruguay—							
Coal	328,581	331,006	446,757	305,969	147,754	281,097	57,235
Coke	(a)	(a)	(a)	(a)	1,650	9,390	1,891
Naphthalene	49	—	21	(a)	(a)	17	31
Venezuela—							
Coal	15,994	13,717	11,701	7,539	8,944	5,433	(a)
Naphthalene	15	22	12	11	5	20	(a)
China—							
Anthracite	458,189	457,033	661,820	}	(a)	(a)	(a)
Other coal	614,579	929,558	1,307,572				
Coke	1,406	959	7,826				
Briquettes	1,830	4,754	7,239				
Tar and pitch	1,154	2,186	1,369				
Benzol	152	86	78				
Carbolic acid	232	919	389				
Naphthalene	639	1,157	314				
French Indo-China—							
Coal	13,122	14,701	}	(a)	(a)	(a)	(a)
Coke	701	632					
Tar and pitch	9,669	19,979					
Naphthalene	34	10					
Iran (total imports) (b)—							
Coal, coke and peat	556	979	194	100	436	128	
Iraq—							
Coal	2,892	2,471	2,255	1,677	864	31	30
Coke	307	418	398	354	560	1,354	72
Tar and pitch	89	29	35	25	78	69	—
Japan (total imports)—							
Coal (c)	6,721,000	8,154,000	9,963,000	9,652,000	8,704,000	6,020,000	3,272,000
Coke	20,275	71,557	(a)	(a)	(a)	(a)	(a)
Korea (total imports)—							
Coal	1,873,107	}	(a)	(a)	(a)	(a)	(a)
Coke	64,809						
Tar and pitch	28,829						
Manchuria—							
Coal and briquettes	58,125	}	(a)	(a)	(a)	(a)	(a)
Coke	11,592						

(a) Information not available.

(b) Years ended March 20 following year stated. Figures for 1938 are for nine months ended March 20, 1939.

(c) Including coal imported from other parts of the Japanese Empire.

(d) Exports from the United States to the country indicated.

IMPORTS OF COAL, COKE AND BY-PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands East Indies—							
Coal	78,675	68,541	99,817	} (a)	(a)	(a)	(a)
Coke	4,193	5,376	10,154				
Tar	1,801	2,746	3,265				
Benzol	22	52	26				
Carbolineum	146	125	109				
Carbolic acid	59	154	90				
Creolin, etc.	183	205	96				
Naphthalene	192	409	206				
Philippine Islands—							
Coal	251,010	366,784	356,339	} (a)	(a)	(a)	(a)
Coke	3,937	4,395	4,525				
Tar	109						
Creosote	4	(a)	(a)				
Carbolic acid	2						
Portuguese India—							
Coal	7,303	7,974	8,844	(a)	(a)	(a)	(a)
Siam (total imports)—							
Coal	52,391	} (a)	(a)	(a)	(a)	(a)	(a)
Coke	2,704						
Syria and Lebanon—							
Anthracite	60,352	77,681	41,977	15,793	37,963	25,211	—
Other coal	37,967	—	5	—	—	6,365	32,500
Briquettes	42,681	48,389	16,803	—	—	—	—
Coke	2,350	5,350	112	6	—	8	—
Tar	203	40	18	1	1	—	—
Naphthalene, etc.	63	9	—	—	—	—	—
Turkey—							
Anthracite	2	—	} (a)	(a)	(a)	(a)	(a)
Coal, peat and briquettes	48,578	5,530					
Coke	36,766	32,468					
Creosote	4,929	(a)					
Cresol and naphthalene	703	1,211					
French Oceania—							
Coal	4,024	3,110	3,525	2,007	2,000	930	7,439
New Caledonia—							
Coal	135,483	173,784	131,122	136,890	113,536	174,054	150,386

(a) Information not available.

COBALT

PRODUCTION OF COBALT

(Cwt.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Northern Rhodesia ..	28,762	31,138	15,453	14,902	17,826	19,208	18,891
Canada (c)	4,100	6,541	7,092	2,351	749	1,571	324
Burma (b)	4,034	(e) 3,180	(e) 3,680	(f) 2,100	(a) 256	(a) 231	(a) 210
Australia	304	307	283	315			
FOREIGN COUNTRIES							
France	276	551	905	(a)	(a)	—	—
Belgian Congo	30,156	18,484	47,556	45,198	32,576	40,568	36,948
Morocco (French) ..	13,500	13,346	6,500	1,280	53	4,252	4,783
Mexico	17	(4 lb.)	—	(a)	(a)	(a)	(a)
United States	10	15	1,338	4,512	6,565	6,537	7,397
Bolivia (exports) ..	—	—	37	30	14	4	—
Chile	(a)	(a)	(a)	49	2	57	100

81,159 73,562 82,844 70,787 58,044 70,428 68,653

Complex ores containing cobalt are produced in Finland, Germany, Greece, Japan and China, but figures of cobalt content are not available.

(a) Information not available.

(b) Estimated cobalt content of nickel-speiss exported.

(c) Metal recovered from smelter products plus cobalt contained in cobalt residues exported. The figures for 1942 to 1944 exclude the content of ores placed on United States Government stock piles at Deloro, Ontario. This is recorded as production only when exported or recovered in Canadian smelters.

(e) Years ended June 30 of year following that stated.

(f) Nine months ended March 31, 1942.

EXPORTS OF COBALT, ETC.

(Domestic Produce)

(Cwt.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Cobalt and cobalt alloys	78	215	223	72	86	206	8
Cobalt oxide	46	114	364	193	6	12	24
Northern Rhodesia—							
Cobalt alloy	72,125	68,964	43,089	33,446	46,911	46,482	47,964
Canada—							
Cobalt ore (Co content) ..	593	1,822	4,269	2,497	1,444	1,456	231
Cobalt	746	23	3,171	9,117	8,425	8,135	9,010
Cobalt alloys	444	1,194	1,541	1,478	2,027	1,913	1,577
Cobalt oxides and salts	3,414	5,419	6,670	3,154	2,079	598	4,131
Australia—							
Cobalt ore	492	20	—	20	—	40	—
FOREIGN COUNTRIES							
Belgium-Luxemburg E. U.							
(b)—							
Cobalt oxide and pigments	1,502	5,716	(a)	183	—	—	29
Cobalt salts	400	552	(a)	—	—	—	16
Czecho-Slovakia—							
Zaffre and smalt	6	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Cobalt ore	(a)	(a)	(a)	(a)	(a)	2,453	1,579
France—							
Cobalt salts	1,811	1,537	734	45	112	18	(a)
Sweden—							
Cobalt	(a)	(a)	(a)	—	16	14	21
Belgian Congo—							
Cobalt-copper ingots	106,300	45,969	(a)	(a)	(a)	(a)	(a)
Morocco (French)							
Ore	103,493	129,797	42,910	16,000	12,000	81,786	—
United States—							
Ore					9	346	—
Cobalt alloys and scrap ..	}	(a)	(a)	(a)	810	3,294	3,111
Cobalt oxide					108	131	822
Cobalt salts					134	186	358
Bolivia—							
Cobalt ore (Co content)	—	—	37	30	14	4	—
Chile—							
Cobalt ore	159	343	—	10,527	28	(a)	(a)

(a) Information not available.

(b) Exports of cobalt metal are not separately recorded, but imports into the United States from Belgium were as follows:—

Year	Cwt.
1938	5,510
1939	17,059
1940	896

IMPORTS OF COBALT, ETC.

(Less Re-exports)

(Cwt.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Rondels, pellets and squares	6,599	9,077	5,135	2,106	5,090	5,172	5,557
Other kinds, including alloys	1,456	5,081	16,790	2,696	7,112	22,498	25,079
Cobalt oxide	2,956	3,875	3,621	1,727	657	—	2,004
Canada—							
Ore	—	4,835	35,005	41,172	38,716	19,967	32,824
Cobalt oxide	7	5	1	—	1	—	15
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Cobalt oxide and pigments	1,342	622	(a)	207	128	26	47
Cobalt salts	183	128	(a)	30	—	—	—
Czecho-Slovakia—							
Zaffre and smalt ..	252	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Cobalt ore	8,915	29,150	22,851	—	3,146	—	(a)
Matte and speiss ..	—	1,512	—	—	—	—	—
Ingots	313	3,382	3,425	—	—	12	4
Cobalt oxide, including zaffre and smalt ..	22	18	4	—	—	118	(a)
Cobalt salts	45	10	2	—	2	16	(a)
Italy—							
Cobalt oxide	276	(b) 293	(a)	(a)	(a)	(a)	(a)
Poland—							
Cobalt salts	189	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Cobalt	(a)	(a)	(a)	594	492	229	301
Mexico—							
Cobalt	12	—	—	—	(a)	(a)	(a)
United States—							
Cobalt ore	4,018	5,456	93,730	110,842	78,248	109,404	(d) 14,536
Co content	(a)	(a)	(a)	38,633	29,467	17,814	(d) 4,662
Cobalt metal	8,379	19,021	1,164	4,947	1,324	(c) 405	653
Cobalt oxide	3,332	6,077	6,757	339	(a)	526	2,014
Cobalt salts	374	685	102	44	2	1	1
Argentina—							
Cobalt	(a)	(a)	(a)	(a)	199	94	302
Uruguay—							
Cobalt oxide	10	(a)	(a)	(a)	(a)	(a)	(a)
French Indo-China—							
Ore	79	63	}	(a)	(a)	(a)	(a)
Cobalt oxide	59	43		(a)	(a)	(a)	(a)
Manchuria—							
Cobalt oxide	81	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Cobalt salts	5	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

(c) Excess of re-exports.

(d) Total imports. Re-exports of ore were 5,444 cwts., but Co content is not available.

COPPER

PRODUCTION OF COPPER ORE

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	36	38	28	24	17	23	27
Northern Rhodesia	250,877	(e)211,668	(e)262,394	(e)228,254	(e)246,606	(e)250,998	(e)220,853
Southern Rhodesia	5	15	30	40	20	20	5
South West Africa (c)	8,750	8,665	1,193	—	—	—	—
Union of South Africa	11,127	10,824	14,108	20,411	24,195	22,372	22,508
Canada (d)	255,022	271,797	292,676	287,195	269,492	256,781	244,228
Newfoundland	7,926	10,180	9,278	6,545	5,576	5,579	4,942
Burma	(b) 3,500	(f) 3,638	(f) 2,841	(f) 3,357	(g) 2,906	(a)	(a)
Cyprus (estimated)	36,000	30,600	9,000	90	90	90	130
India	6,000	7,500	7,800	6,800	6,600	6,800	6,600
Australia	19,446	20,560	19,720	20,859	20,402	24,326	28,056
Total	600,000	570,000	620,000	570,000	580,000	570,000	530,000
FOREIGN COUNTRIES							
Austria	(a)	(a)	(a)	(a)	(a)	(a)	7,800
Bulgaria	100	315	550	(a)	(a)	(a)	(a)
Finland	13,100	12,200	(h) 15,500	(h) 16,300	(h) 15,400	(h) 15,200	(h) 15,600
France	590	548	634	552	312	147	81
Germany	30,000	30,000	30,000	24,000	24,000	23,000	17,000
Greece	140	(a)	(a)	(a)	(a)	(a)	(a)
Italy	4,300	4,000	4,500	4,700	2,000	2,000	(a)
Norway	21,285	20,035	15,284	17,704	15,227	15,991	14,234
Portugal	6,265	4,016	(a)	266	2,000	1,200	2,000
Roumania	571	717	(a)	(a)	(a)	(a)	(a)
Spain (b)	22,000	15,000	11,000	5,500	7,000	8,000	6,000
Sweden	9,142	9,458	9,340	13,179	17,771	17,550	15,866
U.S.S.R. (estimated)	100,000	142,000	(a)	(a)	(a)	(a)	(a)
Yugoslavia	48,700	41,000	46,210	(a)	(a)	(a)	(a)
Algeria	500	(a)	(a)	(a)	(a)	(a)	(a)
Angola	—	120	120	—	230	220	70
Belgian Congo (smelter)	121,985	120,712	146,479	159,606	163,319	154,373	162,871
Morocco (French)	—	35	20	133	256	223	625
Cuba	14,203	9,807	9,408	9,682	8,774	6,304	6,480
Honduras	81	—	—	—	40	21	—
Mexico (d)	41,190	43,689	37,009	47,946	50,092	48,988	40,647
United States (d)	498,003	650,286	784,005	855,490	964,340	973,945	868,347
Argentina	31	27	19	150	107	270	(a)
Bolivia (exports)	2,839	3,992	6,555	7,159	6,275	5,916	6,073
Chile (d)	345,931	335,595	357,307	461,284	476,703	489,303	490,456
Ecuador	—	—	1,393	2,902	2,700	3,629	3,764

(a) Information not available.

(b) Estimated.

(c) Years ended March 31 following.

(d) Amount estimated as recoverable.

(e) Smelter.

(f) Years ended June 30 of year stated.

(g) Nine months ended March 31, 1942.

(h) American Bureau of Metal Statistics.

PRODUCTION OF COPPER ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Peru	36,936	35,053	43,271	36,240	34,774	32,879	31,879
Formosa (b)	4,000	4,000	4,000	(a)	(a)	(a)	(a)
Japan	(b) 70,000	(b) 70,000	67,203	68,796	76,876	90,676	77,224
Netherlands East Indies	92	93	(a)	(a)	(a)	(a)	(a)
Philippine Islands	3,472	7,378	9,113	(b) 9,700	(a)	(a)	(a)
Saudi Arabia	(a)	4	13	8	10	(a)	(a)
Turkey (smelter)	2,449	6,630	8,616	10,761	8,127	9,567	10,781
Total	1,400,000	1,570,000	1,800,000	1,950,000	2,070,000	2,100,000	2,000,000
WORLD'S TOTAL	2,000,000	2,140,000	2,420,000	2,520,000	2,650,000	2,700,000	2,500,000

Copper ore is also produced in small quantities in certain European countries and China, information for which is not available.

(a) Information not available.

(b) Estimated.

METAL PRODUCTION OF COPPER

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom (b) ..	7,100	6,100	5,300	4,800	4,000	4,200	4,100
Northern Rhodesia ..	213,031	211,668	262,394	228,254	246,606	250,998	220,853
Union of South Africa ..	13,255	10,203	13,412	19,646	23,499	21,800	22,043
Canada (c)	212,326	225,746	252,248	250,471	240,188	229,065	220,512
India	5,330	6,530	6,650	6,019	5,874	6,100	5,730
Australia	17,098	17,867	18,141	21,668	24,609	20,457	19,898
TOTAL	468,000	478,000	558,000	531,000	545,000	533,000	493,000
FOREIGN COUNTRIES							
Austria	(a)	(a)	(a)	(a)	(a)	(a)	4,500
Belgium	80,173	64,810	28,200	15,600	16,700	18,000	4,200
Finland	11,822	13,242	10,690	8,645	13,054	15,290	7,604
France	1,094	1,197	451	123	138	81	19
Germany	(f) 67,700	66,000	50,400	46,200	40,500	36,000	26,000
Italy	2,916	2,537	2,401	2,870	900	(a)	(a)
Norway	10,380	10,293	6,624	4,938	4,524	1,982	922
Spain	(e) 12,000	10,280	9,273	8,759	11,407	10,779	10,719
Sweden (g)	10,500	10,901	12,270	11,691	14,907	15,687	14,824
U.S.S.R. (estimated) ..	95,000	105,000	110,000	125,000	140,000	160,000	170,000
Yugoslavia	41,330	53,281	42,300	(a)	(a)	(a)	(a)
Belgian Congo	121,985	120,712	146,479	159,606	163,319	154,373	162,871
Mexico	39,950	38,428	30,758	40,268	44,023	42,334	32,453
United States (h) ..	561,758	623,503	907,801	862,564	971,421	975,838	895,874
Chile	332,187	319,465	342,780	449,520	470,189	481,592	482,695
Ecuador	—	—	—	—	—	3,600	3,629
Peru	36,936	33,576	33,951	27,842	29,008	27,769	26,463
Japan	72,443	71,909	88,340	85,623	92,258	109,285	84,724
Korea	(e) 6,000	(a)	(a)	(a)	(a)	(a)	(a)
Turkey	2,449	6,630	8,616	10,761	8,127	9,567	10,781
TOTAL	1,510,000	1,560,000	1,840,000	1,900,000	2,070,000	2,100,000	2,000,000
WORLD'S TOTAL	1,980,000	2,040,000	2,400,000	2,430,000	2,610,000	2,630,000	2,500,000

(a) Information not available.

(b) Includes some copper going direct into sulphate production.

(c) Copper content of blister copper.

(e) Estimated.

(f) Metallgesellschaft figure.

(g) Secondary metal was recovered as follows:—

Year	Long tons	Year	Long tons
1938	606	1942	1,368
1939	750	1943	688
1940	413	1944	1,125
1941	1,564		

(h) Secondary metal was recovered as follows:—

Year	Long tons	Year	Long tons
1938	475,089	1942	828,353
1939	446,161	1943	969,685
1940	475,041	1944	849,055
1941	648,568		

EXPORTS OF COPPER, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore, matte, etc.	389	142	31	—	—	—	—
Bars and ingots	10,468	10,407	3,924	3,552	278	112	388
Scrap	11,627	6,037	52	25	—	—	—
Plates, sheets, etc.	4,365	3,804	3,570	3,296	2,411	1,577	1,675
Rods and wire	12,347	10,176	9,282	10,512	4,906½	2,463	1,337
Tubes	1,299	1,046	1,965	1,605	877	698	1,154
Sulphate	30,907	31,824	34,356	31,261	24,761	35,542	20,333
Northern Rhodesia—							
Ore and concentrates	61	77	—	—	—	—	—
Blister and electrolytic	219,421	207,860	271,855	215,619	246,479	265,153	226,702
South West Africa—							
Copper-lead ore (Cu content) (e)	5,600	4,877	1,508	—	1,520	3,256	—
Copper matte (Cu content) (e)	3,200	2,830	323	—	1,444	—	—
Union of South Africa—							
Ore and concentrates	—	—	20	—	—	—	—
Bars, plates, etc.	10,146	10,251	11,497	17,859	20,608	22,997	18,843
Canada—							
Ore, matte, etc. (Cu content)	49,021	54,241	46,965	42,651	30,399	32,330	24,990
Blister	13,628	13,889	14,173	10,681	5,763	3,816	—
Scrap	1,535	3,094	2,110	1,373	601	506	860
Ingots, etc.	162,290	148,053	137,948	112,879	88,051	57,440	120,744
Rods, sheets, tubes, etc.	23,890	26,223	36,085	24,420	23,947	21,935	16,128
Newfoundland (c)—							
Concentrates	39,544	43,578	36,579	23,683	(d) 14,793	20,498	24,251
British India—							
Matte, etc.	158	139	76	61	17	15	8
British Malaya (including re-exports)—							
Ingots, sheets, wire, etc.	24	19	105	(a)	(a)	(a)	(a)
Burma—							
Matte, etc.	5,766	7,946	3,355	(a)	(a)	(a)	(a)
Cyprus—							
Ore, pyrites, etc. (Cu content) (b)	34,000	24,000	6,000	—	—	6,000	1,800
Hong Kong (including re-exports)—							
Bars, sheets, tubes and wire	1,154	172	234	(a)	(a)	(a)	(a)
Sulphate	5	1	—	(a)	(a)	(a)	(a)
Australia—							
Ore, etc. (Cu content) (c)	2,252	2,891	2,278	758	1,668	595	359
Matte	1,738	1,051	—	—	—	—	—
Blocks and ingots	21	15	—	—	—	—	—
Bars, sheets, wire, etc.	161	2,077	36	161	58	129	212

(a) Information not available.

(b) Estimated.

(c) Years ended June 30 of year following 1938 to 1941 and ended March 31 subsequently

(d) Nine months ended March 31, 1943.

(e) Years ended March 31 of year following that stat d

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Austria (b)—							
Rough copper and scrap	1,073	51	}	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. . .	779	100					
Sulphate	1	—					
Belgium-Luxemburg E.U.—							
Ore	22	69	(a)	—	—	—	—
Rough copper and scrap	118,118	109,880	(a)	9,130	5,040	27,548	26,034
Sheets, wire, etc. . .	9,263	12,265	(a)	793	156	190	181
Sulphate	24,752	13,716	(a)	2,362	11,153	3,793	1,852
Czecho-Slovakia—							
Ore	713	}	(a)	(a)	(a)	(a)	(a)
Crude, refined and scrap	7,273						
Sheets, rods, wire, etc.	269						
Denmark—							
Rough copper	—	2	—	15	5	775	8
Scrap and alloyed . . .	3,911	2,576	1,010	2,402	2,057	2,025	993
Bars, sheets, wire, etc. . .	238	236	36	12	3	—	4
Estonia—							
Crude and scrap	102	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Ore	271	321	14,213	30,021	31,719	35,621	50,065
Rough copper and scrap	13,148	13,102	14,687	5,613	7,025	6,697	2,276
Sheets and wire	(a)	830	253	127	133	51	2
France—							
Ore, matte, etc.	15,106	8,640	1,221	1	1,754	589	269
Ingots, alloys, etc. . . .	2,233	3,812	3,574	981	809	343	1,176
Scrap	9,495	7,777	99	4,962	28,686	3,463	790
Bars, sheets and wire . . .	8,183	6,452	3,071	1,002	8,170	542	33
Sulphate	4,828	6,627	8,937	3,786	1,554	10	—
Germany—							
Ore, including burnt cup- reous pyrites	5,536	5,403	493	—	1,504	2,872	(c) 815
Rough copper	349	414	4,877	15,167	17,384	12,530	(c) 1,236
Coin and scrap	—	—	—	1,360	5,892	2,290	(c) 98
Bars, sheets, wire, etc. . .	20,958	18,671	2,994	7,425	7,877	4,898	(c) 678
Sulphate, including fer- rous sulphate	2,482	4,285	77	1,814	7,334	9,272	(c) 2,042
Greece—							
Ore	3,209	—	}	(a)	(a)	(a)	(a)
Scrap	64	—					
Hungary—							
Bars, sheets, wire, etc. . .	611	434	(a)	(a)	(a)	(a)	(a)
Italy—							
Ore	73	(c) —	}	(a)	(a)	(a)	(a)
Ingots, scrap and alloys	12	(c) 2					
Bars, sheets, wire, etc., and alloys	819	(c) 417					
Sulphate	8,382	(c) 5,503					
Netherlands—							
Ingots and bars	895	231	207	388	32	295	}
Scrap	1,433	1,558	517	1,205	934	392	
Sheets, tubes and wire . .	1,700	1,279	383	139	253	148	
Sulphate	36	10	6	—	197	—	

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) January to July only.

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Norway—							
Ore	5,795	4,091	5,923	6,919	3,823	12,563	21,134
Matte	15,610	11,554	11,146	18,149	11,340	12,590	12,264
Cupreous pyrites ..	252,792	308,407	179,478	267,217	294,491	297,366	260,022
Burnt cupreous pyrites	25,763	23,564	6,081	8,922	394	1,919	1,555
Rough and refined copper	8,596	7,271	3,758	4,585	3,689	1,935	370
Scrap, including alloyed	1,680	1,335	652	76	151	386	134
Poland—							
Ore	452						
Ingots, bars, precipitate and scrap	10	(a)	(a)	(a)	(a)	(a)	(a)
Sheets, tubes and wire ..	59						
Sulphate	344						
Portugal—							
Cupreous purites ..	449,572	429,161	176,589	36,226	136	11,104	(a)
Precipitate	192	168	105	(a)	(a)	(a)	(a)
Rough copper, sheets, etc.	77	25	4	4	19	86	75
Sulphate	784	38	524	78	—	—	1
Spain—							
Ingots, bars and alloyed	(a)	(a)	25	28	8	45	45
Sheets, tubes, wire and alloyed	(a)	(a)	39	23	25	69	146
Sulphate	(a)	(a)	158	321	49	15	317
Sweden—							
Ore	4,882	4,676	849	343	—	—	—
Rough copper	8,279	5,402	586	3,068	1,397	1,045	430
Scrap, including brass ..	6,598	4,933	1,478	440	117	97	37
Sheets, tubes, wire, etc.	11,337	2,281	1,802	905	129	506	27
Sulphate	3	2	2	2	—	—	—
Switzerland—							
Ore, filings and turnings	1,341	1,121	498	27	—	—	—
Bars, ingots, etc. (b) ..	153	214	12	—	2	—	—
Scrap (b)	942	527	—	—	—	—	—
Sheets, tubes, wire, etc. (b)	8,784	6,836	4,968	945	5	1	16
U.S.S.R.—							
Ingots	(c) 35	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ore	1,079	2,356					
Ingots, etc.	31,025	26,917	(a)	(a)	(a)	(a)	(a)
Sulphate	4	288					
Algeria—							
Bars, sheets and wire ..	4						
Scrap	1,169	(a)	(a)	(a)	(a)	(a)	(a)
Sulphate	35						
Angola—							
Ore	—	—	—	—	656	634	211
Belgian Congo—							
Ore	1	—					
Copper-cobalt ingots ..	5,315	2,298	(a)	187,256	195,703	184,739	(a)
Matte	82,308	69,895					
Ingots	20,760	10,813					
Cathodes	49,355	43,348					
Egypt—							
Rough copper and scrap	1	133	48	—	—	—	—
Cuba—							
Ore	49,937	38,961	39,527	27,960	42,596	22,821	19,075
Scrap	315	144	—	—	201	157	—
Mexico—							
Ores, concentrates, etc. . .	(d) 2,754	18,913	26,453	29,537	(a)	(a)	(a)
Rough copper	(d) 35,518	37,272	34,983	40,994	(a)	(a)	(a)
Cu content (e)	—	44,836	38,197	47,946	49,868	49,186	40,607

(a) Information not available.

(b) Including alloys.

(d) Cu content.

(c) January to September only.

(e) Total metal content of above items and not additional.

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
Ores, matte, blister, etc. (Cu content)	895	55	263	11	3,057	1,107	—
Refined ingots, etc. ..	330,844	332,837	318,242	92,502	117,327	157,017	61,038
Scrap	19,474	15,753	6,383	2,909	1,085	—	87
Sheets, rods, wire, etc. ..	19,118	26,493	33,121	21,837	15,629	23,072	21,972
Sulphate	13,951	13,053	24,768	30,813	31,412	27,113	25,823
Argentina—							
Ore	81	30	—	20	492	—	—
Ingots, sheets and scrap	53	69	43	1	3	—	—
Bolivia—							
Ore, etc. (Cu content) ..	2,839	3,992	6,555	7,159	6,275	5,916	6,073
Chile—							
Ores and concentrates ..	99,871	124,756	118,946	76,660	37,255	(a)	(a)
Precipitate	158	116	92	230	—	—	82
Cu content (b)	(a)	(a)	15,381	12,526	(a)	(a)	(a)
Ingots—							
Blister	162,512	152,939	172,833	196,037	230,071	207,724	213,778
Electrolytic	181,291	154,375	178,532	236,901	260,304	241,246	270,325
Ecuador—							
Concentrates	—	—	7,000	14,000	7,000	800	900
Blister	—	—	—	—	400	4,000	2,000
Peru—							
Ore (Cu content)	1,707	947	3,968	7,834	4,604	3,785	5,576
Matte, etc. (do.)	42	8	29	38	2	36	30
Bars (do.)	35,403	32,674	33,951	26,895	29,648	26,819	26,589
Precipitate (do.)	1	372	—	—	319	—	139
Venezuela—							
Ore	4	—	—	—	—	—	—
China—							
Ingots and scrap	275	31	—	(a)	(a)	(a)	(a)
French Indo-China—							
Ingots, sheets, wire, alloys, etc.	3	2	(a)	(a)	(a)	(a)	(a)
Scrap	6	—	(a)	(a)	(a)	(a)	(a)
Japan—							
Ingots and blocks	19	1,095	(a)	(a)	(a)	(a)	(a)
Bars, rods and tubes	354	392	(a)	(a)	(a)	(a)	(a)
Plates, sheets and wire ..	6,097	6,274	(a)	(a)	(a)	(a)	(a)
Sulphate	290	756	(a)	(a)	(a)	(a)	(a)
Korea—							
Ingots	4,041	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Scrap	1,076	978	363	(a)	(a)	(a)	(a)
Philippine Islands—							
Ore	23,818	11,767	12,879	(a)	(a)	(a)	(a)
Concentrates (auriferous)	—	9,801	6,118	(a)	(a)	(a)	(a)
Matte and bullion	1,099	(a)	(a)	(a)	(a)	(a)	(a)
Scrap	331	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Ingots and scrap	64	43	19	—	14	—	—
Turkey—							
Ingots, scrap and alloys	1,949	6,230	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total metal content of above items and not additional.

IMPORTS OF COPPER, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bars, ingots, etc.—							
Electrolytic	126,054	161,317	278,123	247,059	231,989	293,624	242,736
Other	133,561	146,246	194,701	202,382	209,004	201,165	208,813
Scrap	2,270	3,379	2,277	287	18	45	32
Plates, sheets, etc. ..	2,345	1,574	7	—	78	479	29
Rods	16,967	16,139	32,822	22,901	12,225	10,374	3,057
Tubes	3,311	1,877	1,252	4	1	14	—
Wire	1,058	716	580	1	18	10,275	359
Sulphate	195	92	11	—	—	—	—
Eire—							
Bars, sheets, wire, etc. ..	3,502	1,498	928	524	491	232	194
Sulphate	3,364	3,374	3,137	4,938	4,231	2,166	2,057
Kenya and Uganda—							
Sheets and wire	35	13	4	5	2	5	9
Mauritius—							
Bars, sheets, scrap, etc. . .	84	63	39	37	41	40	58
Southern Rhodesia—							
Ingots, bars and rods ..	48	41	47	56	63	70	126
South West Africa—							
Bars, sheets, pipes, wire, etc.	3	1	1	2	—	—	—
Tanganyika Territory—							
Sheets and wire	25	33	(b) 15	4	7	17	31
Union of South Africa—							
Bars, ingots and slabs ..	3,359	2,974	5,300	7,703	12,331	16,316	20,331
Plates, sheets and tubes ..	894	877	1,022	1,507	741	300	432
Wire	38	27	37	30	3	8	—
Canada—							
Blocks, pigs and ingots ..	5	3	6	2	—	—	2
Bars, sheets, wire, etc. ..	823	933	1,389	1,763	775	934	626
Scrap	39	16	9	49	16	2	12
Sulphate	1,988	2,806	3,406	3,362	3,327	4,337	3,687
British West Indies (Barbados)—							
Bars and sheets	(£325)	(£397)	(£432)	(£130)	(£265)	(£4,022)	(£1,022)
British Honduras—							
Sheets and rods	(£298)	(a)	(a)	(a)	(a)	(a)	(a)
British India—							
Ingots, cakes, blocks, etc.	2,513	2,179	2,210	5,776	8,092	4,882	—
Scrap	695	738	482	582	299	15	17
Sheets, tubes, wire, etc.	7,779	8,871	9,004	11,455	8,786	11,469	13,351
Sulphate	1,456	1,440	1,578	852	2,882	67	3,228
Copper (government stores)	2,254	2,559	5,514	506	800	369	778
British Malaya (total imports)—							
Ingots, sheets, wire, etc.	858	562	722	(a)	(a)	(a)	(a)
Burma—							
Ingots, etc.	15	41	25	(a)	(a)	(a)	(a)
Sheets, tubes, wire, etc.	256	46	46	(a)	(a)	(a)	(a)
Sulphate	76	75	84	(a)	(a)	(a)	(a)
Cyprus—							
Bars, sheets, etc. ..	43	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Excess of re-exports.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Hong Kong (total imports)—							
Bars, sheets, tubes and wire	1,618	229	318	(a)	(a)	(a)	(a)
Sulphate	24	12	16	(a)	(a)	(a)	(a)
Australia—							
Ore and concentrates ..	12	54	153	—	—	—	—
Matte	131	408	253	238	113	—	—
Blocks and ingots	82	58	6,065	40,234	44,242	36,228	1
Bars, sheets, wire, etc. ..	1,484	965	3,271	9,269	1,979	1,349	1,116
New Zealand—							
Bars, sheets, pipes, etc. ..	1,411	1,195	1,204	1,495	829	638	1,250
Wire (£ N.Z.)	(£194,805)	(£178,430)	(£129,456)	(£138,140)	(£77,549)	(£137,385)	(£328,875)
Sulphate	55	56	36	28	—	50	351
FOREIGN COUNTRIES							
Albania—							
Bars and sheets	52	} (a)	(a)	(a)	(a)	(a)	(a)
Sulphate	150						
Austria—							
Rough copper and scrap	26,275	(b) 3,760	} (a)	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. ..	67	1					
Belgium-Luxemburg E.U.—							
Ore	39,637	22,528	(a)	1,235	957	3,423	815
Matte	111,501	99,373	(a)	464	1,284	—	—
Rough copper	103,127	113,345	(a)	4,952	2,869	4,123	205
Scrap	56,079	32,774	(a)	688	2,961	1,535	333
Bars, sheets, wire, etc. ..	4,039	2,248	(a)	33	30	15	4
Sulphate	29	39	(a)	4	16	1	—
Bulgaria—							
Ore and matte	49	} (a)	(a)	(a)	(a)	(a)	(a)
Rough copper and scrap	339						
Bars, sheets and wire ..	738						
Sulphate	8,116						
Czecho-Slovakia—							
Crude, refined and scrap	37,860	} (a)	(a)	(a)	(a)	(a)	(a)
Sheets, rods, wire, etc. ..	330						
Denmark—							
Rough copper	1,753	4,438	1,663	991	1,273	1,240	1,088
Scrap, including alloyed	1,112	871	312	172	441	350	193
Bars, sheets, wire, etc. ..	8,420	8,910	2,531	2,046	1,823	2,046	1,153
Sulphate	1,657	2,241	1,217	5	1	468	1,116
Estonia—							
Ingots, sheets, tubes, etc.	484	} (a)	(a)	(a)	(a)	(a)	(a)
Sulphate	17						
Finland (total imports)—							
Rough and scrap	383	416	1,756	2,041	299	14	10
Bars, sheets, tubes and wire	6,957	7,384	3,488	2,057	768	727	292
Sulphate	199	140	40	26	1	7	—
France—							
Ore, matte, etc.	48	25	—	21	202	5	—
Ingots—							
Unrefined	20,543	21,027	23,367	4,783	273	235	4
Refined	83,253	87,747	128,519	7,449	876	23	—
Alloyed	2,142	1,757	6,061	421	918	40	49
Scrap	4,637	1,467	868	171	176	107	49
Bars, sheets and wire ..	2,342	1,180	423	200	412	177	59
Sulphate	19,998	11,327	4,370	12	1,623	3,575	1,518

(a) Information not available.

(b) January to March only.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Ore and burnt cupreous pyrites	643,603	532,840	111,169	327,109	370,365	198,788	(b) 90,417
Rough copper	268,098	141,590	103,145	65,300	35,870	63,234	(b) 6,154
Coin and scrap	26,877	15,748	11,014	13,110	26,155	14,317	(b) 1,134
Bars, sheets, wire, etc. ..	12	985	6,930	4,618	994	1,250	(b) 302
Sulphate, including ferrous sulphate	209	140	3,565	870	8,218	1,638	(b) 298
Greece—							
Rough copper and alloys	25	229	101	} (a)	(a)	(a)	(a)
Sheets, tubes, alloys, etc.	4,174	2,019	607				
Sulphate	8,330	6,627	5,254				
Hungary—							
Rough copper and scrap	14,605	17,172	} (a)	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. ..	190	297					
Sulphate	167	753					
Iceland—							
Bars, tubes, wire, etc. ..	12	49	24	115	134	123	163
Italy—							
Cupreous pyrites	4,889	} 3,980	} 4,810	} 15	} —	} —	(a)
Ingots, scrap and alloys ..	76,564						
Bars, sheets, wire, etc., and alloys	2,498						
Sulphate	809	(b) 797	(a)	(a)	(a)	(a)	(a)
Latvia—							
Ingots, bars and scrap ..	938	} (a)	(a)	(a)	(a)	(a)	(a)
Sheets, tubes and wire ..	237						
Lithuania—							
Copper	621	} (a)	(a)	(a)	(a)	(a)	(a)
Wire	238						
Netherlands—							
Ingots and bars	9,786	10,057	6,832	594	1,819	202	} (a)
Scrap	384	323	127	4	19	6	
Sheets, tubes and wire ..	8,440	8,801	3,762	1,516	1,211	1,033	
Sulphate	3,120	4,132	1,411	166	59	303	
Norway—							
Rough copper	645	712	179	649	575	235	82
Copper-nickel matte	13,162	14,031	4,892	—	—	—	3,002
Sheets, rods, etc.	721	481	283	279	444	107	—
Tubes (including brass) and wire	3,962	8,790	1,228	1,792	1,065	103	12
Sulphate	491	659	125	297	257	114	59
Poland—							
Ore	63	} (a)	(a)	(a)	(a)	(a)	(a)
Precipitate and scrap ..	677						
Pigs, bars and ingots ..	25,730						
Sheets, tubes and wire ..	239						
Portugal—							
Ore and concentrates ..	(a)	(a)	(a)	304	658	255	590
Ingots, wire, alloys, etc.	3,610	3,184	2,626	1,692	2,493	504	580
Sulphate	137	120	171	991	2,136	11,097	8,458
Roumania—							
Rough and scrap	8,751	5,977	3,343	} (a)	(a)	(a)	(a)
Sheets and wire	188	211	44				
Spain—							
Precipitate and scrap (c)	(a)	(d) 2,016	1,532	24	33	32	84
Ingots (c)	(a)	(d) 1,014	1,087	1,269	—	43	108
Sheets, tubes and wire (c)	(a)	(a)	13	78	285	486	11
Sulphate	(a)	(a)	1,948	5,571	9,900	9,789	2,691

(a) Information not available.
(c) Including alloys.

(b) January to July only.
(d) April to December only.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden—							
Ore	406	501	682	—	507	197	26,800
Rough copper	51,174	63,265	26,234	715	3,265	1,490	487
Scrap, including brass ..	1,720	3,291	942	377	214	203	83
Sheets, rods, wire, etc. ..	800	1,183	110	39	161	23	9
Sulphate	358	568	70	394	104	237	49
Switzerland—							
Ore, filings and turnings	1,039	1,488	282	563	304	200	34
Bars, ingots, etc. (b) ..	19,071	24,692	24,886	1,561	1,082	509	825
Scrap (b)	101	237	265	135	72	93	127
Sheets, tubes, wire, etc. (b)	3,808	3,702	1,885	736	584	247	85
U.S.S.R.—							
Ingots, sheets, wire, etc.	(c)48,740	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Crude, scrap, coin, etc. ..	947	—	(a)	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. ..	1,306	1,350	(a)	(a)	(a)	(a)	(a)
Sulphate	352	229	(a)	(a)	(a)	(a)	(a)
Algeria—							
Rough and scrap	120	(a)	(a)	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. ..	805	(a)	(a)	(a)	(a)	(a)	(a)
Sulphate	7,266	(a)	(a)	(a)	(a)	(a)	(a)
Angola—							
Bars, sheets, wire, etc. ..	(a)	66	20	19	28	11	28
Belgian Congo—							
Bars, sheets and wire ..	192	144	(a)	(a)	(a)	(a)	(a)
Sulphate	8	2	(a)	(a)	(a)	(a)	(a)
Cameroon (French)—							
Sulphate	44	20	—	10	—	137	110
Egypt—							
Crude and scrap	471	365	336	234	338	191	300
Bars, sheets, tubes, etc.	2,458	1,351	319	660	944	299	214
Sulphate	74	87	84	302	870	13	142
Madagascar—							
Crude, sheets, wire, etc.	36	(a)	13	7	(a)	—	(a)
Morocco (French)—							
Ingots, sheets and wire (b)	158	(a)	(a)	(a)	(a)	(a)	(a)
Mozambique—							
Bars, sheets, wire and alloys	35	133	93	22	35	36	11
Tunis—							
Bars, sheets and wire (b)	670	(a)	(a)	87	122	30	(a)
Sulphate	530	(a)	(a)	221	148	182	(a)
Cuba (total imports)—							
Ingots and bars	101	127	87	82	34	116	166
Sheets, tubes and wire ..	516	572	357	304	957	360	496
Mexico—							
Ingots	906	1,106	1,896	2,264	(a)	(a)	(a)
Bars, sheets, alloys, etc.	289	208	448	276	(a)	(a)	(a)
Sulphate	1,331	1,034	820	1,405	(a)	(a)	(a)

(a) Information not available.

(b) Including alloys.

(c) January to September only.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
<i>Cu content of—</i>							
Ore and concentrates	24,676	16,798	32,341	38,195	60,427	61,348	53,459
Matte, precipitate, etc.	1,415	1,545	24,393	39,200	40,035	56,817	34,760
Blister	146,115	181,403	237,823	246,546	236,776	176,917	153,519
Refined ingots, bars and plates	8,947	3,428	29,091	316,015	311,269	354,109	439,322
Scrap	2,524	3,780	6,706	1,886	1,635	2,702	947
Sulphate	71	—	—	—	—	20	—
Argentina—							
Ingots, sheets including bronze	5,474	6,008	6,766	7,505	10,585	4,782	1,083
Tubes, including bronze	466	426	407	113	(a)	(a)	(a)
Sulphate	1,717	2,273	872	3,361	2,255	—	1,225
Bolivia—							
Bars and wire	52	(a)	49	(a)	(a)	(a)	(a)
Brazil (total imports)—							
Rough, scrap, alloys, etc.	4,177	} (a)	7,522	14,793	13,848	7,875	12,607
Plates, sheets, alloys, etc.	4,141						
Tubes, pipes, wire and alloys	431						
Sulphate	947						
Chile—							
Bars, sheets and wire ..	507	386	440	53	28	(a)	(a)
Colombia—							
Ingots, sheets, etc. ..	292	272	227	143	58	221	102
Wire	720	1,029	940	712	227	754	691
Sulphate	100	179	1,275	1,495	162	542	930
Peru—							
Bars, sheets, etc. (b) ..	112	123	112	88	50	162	52
Sulphate	201	355	295	293	651	354	340
Uruguay—							
Ingots	79	18	39	(a)	(a)	} 299	382
Bars and sheets	43	74	22	(a)	(a)		
Wire	15	13	21	(a)	(a)		
Venezuela—							
Sheets	119	96	106	51	7	68	(a)
Sulphate	33	41	51	67	29	68	(a)
China—							
Ingots and blocks	574	19	416	} (a)	(a)	(a)	(a)
Bars, sheets, wire, rods and tubes	1,594	1,314	624				
Scrap	28	190	134				
Sulphate	40	255	327				
French Indo-China—							
Ingots, sheets, alloys, etc.	582	701	} (a)	(a)	(a)	(a)	(a)
Scrap	273	606					
Sulphate	18	12					
Iran (total imports) (c)—							
Ingots, bars, sheets and alloys	200	404	200	358	32	13	
Iraq—							
Crude, sheets, pipes, etc.	859	444	83	42	33	72	46
Manchuria—							
Sulphate	199	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Including brass and bronze.

(c) Year ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands East Indies—							
Crude, scrap and alloyed	145	419	420	} (a)	(a)	(a)	(a)
Bars, sheets and alloyed	394	275	385				
Tubes, wire and alloyed	(a)	3,549	2,912				
Sulphate	289	498	444				
Philippine Islands—							
Ingots	119	(a)	(a)	} (a)	(a)	(a)	(a)
Sheets and wire ..	454	186	763				
Siam (total imports)—							
Rough copper	146	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Bars, sheets, tubes and wire	630	639	136	—	—	290	132
Turkey—							
Ingots, bars, sheets, wire, tubes, scrap and alloys	2,953	4,630	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

DIAMONDS

PRODUCTION OF DIAMONDS

(Metric carats)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Gold Coast (exports)—							
Gem diamonds	398,869	346,129	212,111	328,829	377,398	382,907	343,899
Bort	553,457	517,674	266,345	528,449	450,625	411,328	416,468
Diamond sand	344,437	223,848	94,104	227,016	227,712	523,560	405,490
Sierra Leone	689,622	683,560	885,414	849,912	1,046,187	834,492	608,734
South West Africa	154,856	36,410	30,014	46,578	56,420	94,427	154,379
Tanganyika Territory	3,576	3,445	6,221	29,052	40,327	52,998	90,067
Union of South Africa	1,238,608	1,249,828	543,463	158,422	118,821	302,329	933,682
British Guiana	32,522	34,266	28,194	26,710	22,791	18,751	16,339
India	1,729	1,604	1,526	2,107	2,823	2,533	1,837
Australia	300	103	—	300	183	429	198
TOTAL	3,418,000	3,097,000	2,067,000	2,197,000	2,343,000	2,625,000	2,971,000
FOREIGN COUNTRIES							
Angola	651,265	690,447	784,271	786,979	791,853	794,990	799,120
Belgian Congo—							
Gem diamonds	} 7,205,921	8,360,166	9,602,837	5,865,756	6,018,236	4,881,742	7,533,365
Industrial do.							
French Equatorial Africa	15,914	17,461	31,927	33,565	46,235	56,185	57,052
French West Africa	52,934	56,316	65,709	57,735	49,866	36,193	69,726
Brazil	114,205	208,244	(b) 325,000	(b) 325,000	(b) 300,000	(b) 275,000	(b) 370,000
Venezuela	13,599	7,969	14,525	29,416	34,048	22,846	22,037
Netherlands East Indies	1,618	2,344	3,554	(a)	(a)	(a)	(a)
TOTAL	8,055,000	9,343,000	10,828,000	7,100,000	7,240,000	6,070,000	8,850,000
WORLD'S TOTAL	11,473,000	12,440,000	12,895,000	9,297,000	9,583,000	8,695,000	11,821,000

(a) Information not available.

(b) Estimated.

PRODUCTION OF DIAMONDS

(£ sterling)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Gold Coast (exports)—							
Gem diamonds	358,541	302,905	219,502	365,492	381,055	390,030	357,669
Bort	84,376	95,152	63,973	144,978	101,428	92,568	95,483
Diamond sand	105,110	66,381	54,188	118,562	131,022	238,896	205,876
Sierra Leone	818,925	811,907	780,770	749,463	922,754	938,803	723,176
South West Africa ..	760,753	176,818	(b) 230,000	(b) 270,000	(b) 410,000	(b) 720,000	(b) 960,000
Tanganyika Territory ..	3,558	12,255	12,598	70,236	84,745	155,925	306,306
Union of South Africa ..	3,496,243	2,604,172	1,620,467	946,095	701,964	1,812,175	5,846,179
British Guiana	74,273	88,623	87,856	81,822	88,870	84,242	80,929
India	5,162	4,375	10,045	13,292	20,632	22,253	16,359
Australia	300	167	—	254	270	720	383
TOTAL	5,710,000	4,163,000	3,079,000	2,760,000	2,843,000	4,456,000	8,592,000
FOREIGN COUNTRIES							
Angola (b)	880,000	930,000	1,100,000	1,020,000	990,000	990,000	1,000,000
Belgian Congo	1,000,000	1,200,000	(a)	(a)	(a)	(a)	(a)
French Equatorial Africa ..	(a)	17,000	34,000	45,000	96,000	136,000	153,000
French West Africa	3,700	38,256	(a)	(a)	(a)	(a)	(a)
Brazil (estimated)	191,000	375,000	(a)	(a)	(a)	(a)	(a)
Venezuela	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies ..	4,315	(a)	(a)	(a)	(a)	(a)	(a)
TOTAL	2,130,000	(a)	(a)	(a)	(a)	(a)	(a)
WORLD'S TOTAL	7,800,000	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Estimated on export value.

EXPORTS OF DIAMONDS

(Domestic Produce)*

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Gold Coast—							
Gem diamonds .. Ct.	398,869	346,129	212,111	328,829	377,398	382,907	343,899
£	358,541	302,905	219,502	365,492	381,055	390,030	357,669
Bort Ct.	553,457	517,674	266,345	528,449	450,625	411,328	416,468
£	84,376	95,152	63,973	144,978	101,428	92,568	95,483
Diamond sand .. Ct.	344,437	223,848	94,104	277,016	227,712	523,560	405,490
£	105,110	66,381	54,118	118,562	131,022	238,896	205,876
Sierra Leone .. Ct.	(a)	(a)	(a)	1,347,198	889,909	1,035,367	610,212
£	858,055	644,100	780,770	(a)	(a)	(a)	(a)
South West Africa (uncut)							
Ct.	163,809	48,405	69,829	120,442	88,878	94,256	148,499
£	816,331	271,040	535,800	698,618	647,952	721,698	918,909
Tanganyika Territory Ct.	3,590	3,445	6,221	29,052	40,327	52,998	90,067
£	3,608	12,555	12,598	70,236	84,745	155,925	306,306
Union of South Africa—							
Uncut .. Ct.	598,439	382,642	350,421	838,809	766,357	446,611	635,313
£ (S.A.)	1,499,353	1,063,967	892,252	1,467,268	1,972,316	2,509,194	3,593,197
Cut and polished Ct.	37,482	37,802	45,098	57,183	56,702	56,090	55,431
£ (S.A.)	887,754	857,737	1,439,015	2,233,083	2,481,188	3,395,092	3,230,423
British Guiana .. Ct.	33,509	33,352	17,559	29,258	20,705	16,761	13,914
£	78,162	88,054	55,844	91,505	82,885	76,875	67,837
Palestine—							
Polished Ct.	(a)	(a)	1,033	6,320	25,689	58,711	78,555
£ P.	(a)	2,441	25,000	207,000	934,000	2,609,000	3,297,000
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Precious stones, chiefly diamonds ..	2,661,000	2,181,000	(a)	—	—	—	—
do. cut and polished £	7,415,000	7,973,000	(a)	—	—	—	—
Czechoslovakia—							
Glaziers' diamonds £	1,381	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Cut and polished £	3,040,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Unpolished .. £	1,000,000	900,000	300,000	} (a)	(a)	(a)	(a)
Polished £	1,600,000	2,100,000	900,000		(a)	(a)	(a)
Angola Ct.	670,909	661,625	669,500	770,868	738,689	980,527	807,923
£	904,000	890,000	934,000	1,000,000	924,000	1,227,000	1,011,000
Belgian Congo—							
Gem diamonds .. Ct.	756,382	755,694	(a)	(d)	(d)	(d)	(a)
£	522,000	572,000	(a)	(d)	(d)	(d)	(a)
Industrial diamonds Ct.	5,002,864	2,943,206	(a)	2,720,000	7,845,000	10,237,000	(a)
£	345,000	223,000	(a)	780,000	1,000,000	1,050,000	(a)
French Equatorial Africa Ct.	16,013	19,000	6,000	24,000	35,000	43,000	10,000
£	(a)	18,200	5,800	20,700	33,100	103,400	10,000
French West Africa Ct.	62,905	40,000	26,000	22,000	25,000	61,000	96,000
£	3,700	2,492	1,495	(a)	(a)	4,673	(a)
Cuba—							
Cut £	—	—	—	—	—	238,500	1,498,000
United States—							
Industrial diamonds Ct.	(a)	(a)	(a)	(a)	37,654	59,852	74,180
£	(a)	(a)	(a)	(a)	51,000	61,000	60,000
Brazil (b)—							
Diamonds (c) .. Ct.	91,455	203,730	253,240	321,545	235,820	197,285	192,185
£	147,000	1,060,000	1,926,000	1,738,000	(a)	2,373,000	2,196,000
Carbons Ct.	19,475	12,580	11,520	21,545	13,615	19,495	10,795
£	5,900	(a)	15,400	51,900	55,300	76,100	48,900
Venezuela Ct.	(a)	117	2,703	406	5,829	20,839	(a)
£	10,100	300	7,000	1,400	23,000	190,000	(a)

(a) Information not available.

(b) The actual exports are much in excess of those officially recorded.

(c) Not including low-grade diamonds and bort.

(d) Included with "Industrial diamonds."

IMPORTS OF DIAMONDS

(Less Re-exports)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom (b) Ct.	1,889,841	1,389,470	1,358,713	2,809,580	2,643,681	(d) 2,836,132	(a) (d)
£	2,478,209	1,419,743	2,171,538	3,775,787	4,133,544	(d) 5,168,861	(a) (d)
Northern Rhodesia— Uncut Ct.	5,826	4,049	3,723	8,922	17,611	13,056	3,840
£	11,573	10,642	4,071	6,020	15,409	9,299	2,565
Union of South Africa— Rough diamonds Ct.	39,872	85,023	112,074	18,959	(c) 19,534	(c) 13,052	(c) 159,246
£ (S.A.)	55,903	33,923	47,534	29,740	(c) 10,894	(c) 27,439	(c) 57,899
Cut and polished Ct.	345	633	409	30	80	2	56
£ (S.A.)	2,114	4,868	3,505	152	3,381	40	100
Canada— Unset £	199,495	304,350	425,813	257,131	215,134	316,190	465,865
Dust, bort, etc. .. £	801,684	894,032	602,137	209,526	310,772	366,521	386,835
Bermuda £	(a)	(a)	(a)	(a)	1,987,712	8,811	2,437
British Guiana .. Ct.	—	53	—	—	—	—	—
£	—	629	—	—	—	—	—
British India .. £	885,160	533,933	143,217	34,683	168,962	905,761	—
Burma £	96,161	86,246	38,130	(a)	(a)	(a)	(a)
Ceylon Ct.	2,710	2,058	(a)	(a)	(a)	(a)	(a)
£	24,990	17,865	(a)	(a)	(a)	(a)	(a)
Palestine— Rough diamonds Ct.	(a)	(a)	(a)	(a)	176,436	481,302	416,039
£ P.	912	(a)	(a)	(a)	366,173	1,138,426	1,522,361
Polished do. .. Ct.	(a)	(a)	(a)	(a)	1,336	628	2,200
£ P.	(a)	(a)	(a)	(a)	66,754	67,007	183,074
Powder Ct.	(a)	(a)	(a)	(a)	32,700	29,800	25,000
£ P.	(a)	(a)	(a)	(a)	7,108	5,608	32,486
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.— Precious stones, chiefly diamonds £	6,817,000	6,848,000	(a)	(a)	—	—	—
do. cut and polished £	495,000	1,241,000	(a)	(a)	(a)	—	—
Czecho-Slovakia— Glaziers' diamonds £	184	(a)	(a)	(a)	(a)	(a)	(a)
France— Cut and polished £	3,300,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands— Unpolished £	1,400,000	1,300,000	600,000	(a)	—	(a)	(a)
Polished £	550,000	800,000	300,000	—	—	—	(a)
Switzerland— Industrial diamonds £	(a)	(a)	(a)	(a)	(a)	26,000	6,000
Egypt— Cut Ct.	4,998	1,159	1,454	20	—	—	—
£	4,123	986	2,359	25	—	—	—

(a) Information not available.

(b) Exports of Rough Diamonds from the Union of South Africa, South-West Africa, Gold Coast and Angola to the United Kingdom as recorded by those countries. In addition, Sierra Leone exports (value only) to the United Kingdom were as follows:—

1938	£858,055
1939	£644,100
1940	£780,770
1941	(a)
1942	£1,308,722
1943	£1,587,156
1944	£789,574

(c) Excess of re-exports.

(d) Imports and re-exports of Rough Diamonds obtained from Government sources were:—

1943	Imports	Re-exports
1944	£9,883,000	£14,190,000
	£10,611,000	£16,429,000

IMPORTS OF DIAMONDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
Uncut Ct.	91,515	153,982	227,886	215,026	278,437	751,240	896,547
£	1,443,000	1,794,000	2,877,000	2,556,000	2,865,000	9,291,000	10,806,000
Cut and polished Ct.	330,925	448,154	321,471	229,582	126,004	193,701	169,097
£	3,471,000	6,181,000	5,459,000	4,552,000	3,633,000	7,806,000	7,196,907
Industrial diamonds Ct.	1,396,247	3,568,730	3,809,071	6,882,248	10,894,150	11,697,057	12,209,759
£	859,000	2,193,000	2,736,000	3,699,000	5,137,000	4,980,000	5,241,000
Dust Ct.	(a)	(a)	(a)	(a)	1,050	38,836	(c) 30,074
£	12,900	1,000	600	700	200	3,000	(c) 10,000
Peru—							
Glaziers' diamonds £	73	34	16	130	15	44	146
Venezuela—							
Carbons Ct.	(a)	(a)	—	(a)	(a)	(a)	(a)
£	10,200	175	—	10,900	13,800	5,400	57
Netherlands East Indies (b)—							
Uncut £	12,000	13,000	10,000	} (a)	(a)	(a)	(a)
Cut and polished £	22,000	29,000	49,000				
Philippine Islands . . Ct.	15,720	} (a)	(a)	(a)	(a)	(a)	(a)
£	56,900						

(a) Information not available.

(b) Imported by parcel post and passengers.

(c) Excess of re-exports.

DIATOMACEOUS EARTH

PRODUCTION OF DIATOMACEOUS EARTH

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	2,159	2,000	(a)	(a)	(a)	(a)	(a)
Northern Ireland	5,281	6,441	13,991	15,341	24,572	18,774	25,408
Union of South Africa	153	242	728	749	581	182	321
Canada	355	269	221	307	326	88	12
Barbados	10	(a)	(a)	(a)	(a)	(a)	(a)
Australia	3,692	3,302	4,021	5,242	4,242	4,075	3,605
New Zealand	(£ N.Z. 70)	(£ N.Z. 332)	—	124	419	128	55
FOREIGN COUNTRIES							
Bulgaria	256	212	79	128	(a)	(a)	(a)
Denmark (moler) (f)	80,000	64,000	32,000	60,000	40,000	50,000	40,000
Estonia	1,113	(a)	(a)	(a)	(a)	(a)	(a)
Finland	1,574	(a)	(a)	(a)	(a)	(a)	(a)
France	12,400	(a)	(a)	(a)	11,141	11,280	4,343
Italy	5,010	(a)	(a)	(a)	(a)	(a)	(a)
Norway	(a)	2,612	1,444	664	(a)	(a)	(a)
Portugal	848	579	(a)	(a)	(a)	(a)	(a)
Roumania (e)	2,994	(a)	(a)	(a)	(a)	(a)	(a)
Sweden	1,782	2,013	1,565	1,968	2,225	1,643	1,484
Algeria	15,048	(a)	(a)	8,800	8,400	6,100	226
Egypt	(a)	(a)	98	943	1,234	902	821
United States	(b) 83,228	(c) 107,292	(c) 107,292	(c) 107,292	(d) 156,212	(d) 156,212	(d) 156,212
Argentina	—	—	—	49	207	375	300
Chile	(a)	(a)	376	306	236	(a)	—
Peru (exports)	7	(a)	(a)	(a)	(a)	(a)	(a)
Japan	21,650	(a)	(a)	(a)	(a)	(a)	(a)
Korea	4,500	(a)	(a)	(a)	(a)	(a)	11,300
Netherlands East Indies	140	(a)	(a)	(a)	(a)	(a)	(a)

Diatomaceous earth is also produced in Germany, Hungary, Spain, U.S.S.R. and Brazil.

(a) Information not available.

(b) Average annual production 1936-1938.

(c) Average annual production 1939-1941.

(d) Average annual production 1942-1944.

(e) Converted from cubic metres at the rate of 1 cubic metre = 2 long tons.

(f) Estimated.

EXPORTS OF DIATOMACEOUS EARTH

(Domestic Produce)

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Canada (including other natural abrasives) ..	286	229	157	6	5	9	5
FOREIGN COUNTRIES							
Denmark—							
Moler	64,583	50,062	27,080	46,349	30,782	37,186	30,950
Moler bricks	7,334	6,558	2,514	5,943	5,235	4,954	3,408
Estonia	122	(a)	(a)	(a)	(a)	(a)	(a)
Finland	(a)	(a)	356	212	142	5	—
France	611	406	723	321	993	143	28
Germany	3,516	3,244	1,753	3,458	3,027	2,601	(b) 1,330
Italy—							
Crude	835	(b) 117	} (a)	(a)	(a)	(a)	(a)
Calcined, etc.	102	(b) 29					
Norway—							
Calcined, etc.	48	72	94	—	—	—	—
Portugal	(a)	(a)	(a)	(a)	940	504	5
Yugoslavia	36	—	(a)	(a)	(a)	(a)	(a)
Algeria	15,177	(a)	(a)	(a)	(a)	(a)	(a)
Chile	206	525	376	316	236	17	145
Peru	7	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

IMPORTS OF DIATOMACEOUS EARTH

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	42,519	35,763	12,133	6,315	4,177	5,697	8,933
Union of South Africa ..	301	262	309	262	79	55	33
Canada	2,290	3,845	3,680	6,174	3,834	5,021	10,414
FOREIGN COUNTRIES							
Denmark	228	224	116	82	175	128	65
Estonia	31	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports) ..	238	519	31	11	35	13	59
France	5,173	5,136	3,694	5,208	6,915	301	74
Germany	31,136	23,074	26,039	45,619	35,566	34,746	(b) 19,130
Italy—							
Crude	290	(b) 97	(a)	(a)	(a)	(a)	(a)
Calcined, etc.	15	(b) 12	(a)	(a)	(a)	(a)	(a)
Latvia	48	(a)	(a)	(a)	(a)	(a)	(a)
Norway	2,050	2,391	427	510	826	2,486	819
Poland	4,524	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	207	152	155	269	167	38	5
Sweden	(a)	(a)	(a)	405	377	337	252
Yugoslavia	523	350	(a)	(a)	(a)	(a)	(a)
Algeria	10	(a)	(a)	(a)	(a)	(a)	(a)
Egypt	100	115	29	6	50	—	—
Tunis	135	(a)	(a)	75	72	—	(a)
Cuba (total imports) ..	1,287	1,684	1,594	2,044	1,880	1,960	2,124
Mexico	715	1,325	581	874	(a)	(a)	(a)
Peru	245	217	321	315	420	194	597
French Indo-China ..	25	66	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

FELSPAR

PRODUCTION OF FELSPAR

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
China stone	48,383	49,950	51,237	47,118	30,897	32,920	29,262
Northern Ireland	—	—	—	—	10	200	169
Canada (sales)	12,552	11,161	19,156	23,250	19,884	21,302	20,990
India	691	493	983	1,237	2,067	1,319	338
Palestine	(a)	(a)	(a)	(a)	(a)	84	64
Australia (including china stone)	3,542	4,447	4,633	5,684	5,879	6,712	7,586
FOREIGN COUNTRIES							
Czecho-Slovakia (estimated)	25,000	(a)	(a)	(a)	(a)	(a)	(a)
Finland (exports)	4,966	5,508	710	1,203	2,291	1,267	2,048
France	22,981	(a)	(a)	(a)	14,635	19,030	9,457
Germany (Bavaria only) ..	10,254	11,265	12,560	12,768	12,137	(a)	(a)
Italy	13,180	12,273	(a)	12,557	(a)	(a)	(a)
Norway—							
Unground	20,276	15,870	5,475	6,201	4,476	4,703	(a)
Ground	6,311	8,034	1,200	1,207	1,694	919	(a)
Portugal	662	34	18	—	—	—	629
Roumania	1,654	1,441	(a)	(a)	(a)	(a)	(a)
Spain	(a)	(a)	(a)	(a)	4,184	1,076	2,526
Sweden	44,399	40,148	21,871	21,641	18,939	25,470	15,292
Egypt	196	73	136	51	19	31	49
Madagascar	—	—	—	—	9	2	33
United States (sales) ..	196,119	253,466	290,763	338,860	316,166	308,180	327,408
Argentina	610	1,034	1,201	2,934	5,533	1,968	3,413

Felspar is also produced in U.S.S.R., China, French Indo-China, Manchuria and Brazil.

(a) Information not available.

EXPORTS OF FELSPAR
(Domestic Produce)
(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom (b) ..	5,711	6,675	3,509	3,041	103	207	3
Canada	(c) 5,763	6,840	12,728	11,541	9,836	11,361	11,679
FOREIGN COUNTRIES							
Austria	414	(d) 42	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U..	763	325	(a)	57	438	16	21
Czecho-Slovakia	4,424	(a)	(a)	(a)	(a)	(a)	(a)
Finland	4,966	5,508	710	1,203	2,291	1,267	2,048
France	(a)	(a)	(a)	(a)	(a)	361	20
Germany	17,608	12,241	8,027	13,789	15,266	12,834	(e) 7,380
Netherlands	3,564	4,169	1,040	—	—	—	(a)
Norway—							
Crude	14,553	13,788	5,591	4,215	4,758	4,305	6,481
Ground	6,861	7,156	1,243	844	1,469	479	514
Sweden	32,222	32,573	15,061	18,183	16,439	14,306	4,683

(a) Information not available.

(b) Including china stone.

(c) April-December only.

(d) January to March only.

(e) January to July only.

IMPORTS OF FELSPAR
(Less Re-exports)
(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom (b) ..	15,814	12,938	3,671	646	567	1,214	3
Canada	586	772	706	671	503	470	487
Palestine	44	1	—	94	13	16	12
FOREIGN COUNTRIES							
Austria	302	(c) 2	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U..	8,570	10,264	(a)	5,290	12,577	6,679	2,355
Czecho-Slovakia	1,966	(a)	(a)	(a)	(a)	(a)	(a)
Denmark	965	1,869	1,034	1,766	1,745	1,656	2,354
Finland (total imports) ..	105	137	92	59	39	20	—
France	(a)	(a)	(a)	(a)	(a)	1,043	369
Germany	23,140	17,997	15,244	17,157	18,933	16,343	(d) 9,883
Latvia	221	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands	7,411	9,468	3,620	5,218	2,693	1,017	(a)
Sweden	1,764	2,360	493	53	278	—	108
Mexico	456	642	653	842	(a)	(a)	(a)
United States	7,651	7,462	12,522	11,253	9,525	10,795	11,695
Uruguay	38	—	5	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Including china stone.

(c) January to March only.

(d) January to July only.

FLUORSPAR

PRODUCTION OF FLUORSPAR

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	33,331	38,173	44,896	41,566	43,226	(e) 54,236	(e) 48,154
Southern Rhodesia	154	—	—	—	98	293	—
South West Africa	576	104	260	(a)	(a)	(a)	(a)
Union of South Africa	4,661	10,159	7,304	3,894	4,119	4,572	3,426
Canada	194	214	3,977	4,941	5,535	10,009	6,182
Newfoundland	14,000	11,429	12,500	11,341	34,690	99,112	47,801
India	—	20	193	1,575	4,045	1,640	1,229
Australia	3,231	20	874	830	645	996	774
FOREIGN COUNTRIES							
France	51,100	(a)	47,246	41,239	27,014	23,780	13,190
Germany—							
Anhalt	10,297	10,981	12,852	13,145	12,273	7,524	} (a)
Baden	21,013	22,125	23,866	26,826	31,126	36,503	
Bavaria	58,973	68,767	53,766	52,404	58,698	71,619	
Prussia	22,593	24,028	27,147	23,158	27,401	24,101	
Saxony	11,872	9,844	9,747	10,767	11,620	16,044	
Thuringia	22,051	23,660	18,008	18,205	31,780	39,605	
Italy	11,994	(d) 13,034	(d) 16,062	(d) 20,575	(d) 34,481	(a)	(a)
Norway	1,650	2,373	2,224	1,505	2,367	4,432	(a)
Spain	8,460	8,275	8,953	15,157	19,315	35,344	54,717
Sweden	—	—	—	—	461	2,074	1,807
Tunis	2,011	1,978	1,250	(a)	(a)	31	—
Mexico	(c) 1,000	(c) 1,300	(b) 9,125	(b) 10,355	(b) 5,477	(b) 22,114	(b) 55,559
United States (c)	71,788	163,187	208,570	286,311	321,709	362,514	369,447
Argentina	1,384	727	588	1,995	2,291	1,686	2,632
Korea	(b) 33,667	(d) 22,000	(d) 26,787	(d) 30,000	(d) 47,091	(d) 50,000	(d) 60,000

Fluorspar is also produced in China and the U.S.S.R.

(a) Information not available.

(b) Exports.

(c) Shipments.

(d) U.S. Bureau of Mines.

(e) In addition the amounts obtained from old lead-zinc mine dumps were 40,780 and 30,429 long tons in 1943 and 1944 respectively.

EXPORTS OF FLUORSPAR

(Domestic Produce)

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	2,806	2,450	1,655	308	50	—	5
Union of South Africa	3,291	7,177	4,941	1,864	1,591	2,489	2,368
Newfoundland (b)	8,605	8,950	14,150	16,390	(c) 22,585	66,615	42,870
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.	1,513	3,216	(a)	—	—	51	—
France	(a)	(a)	(a)	(a)	(a)	179	399
Germany	26,884	19,265	11,534	6,709	10,607	13,417	(d) 5,959
Norway	683	1,152	1,141	352	81	39	35
Sweden	(a)	(a)	(a)	—	39	—	—
Mexico	(a)	—	9,125	10,355	5,477	22,114	55,559
United States	(a)	(a)	(a)	(a)	8,244	8,361	1,842
Tunis	2,011	1,978	1,250	(a)	(a)	(a)	(a)
Korea	33,667	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended June 30 of year following for 1938 to 1941 and ended March 31 subsequently.

(c) Nine months ended March 31, 1943.

(d) January to July only.

IMPORTS OF FLUORSPAR

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Canada	13,444	14,572	27,064	23,695	42,664	69,140	33,125
FOREIGN COUNTRIES							
Austria	11	(b) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	7,197	4,868	(a)	1,509	2,690	2,228	202
Denmark	739	756	431	252	6	626	654
France	(a)	(a)	(a)	(a)	(a)	229	146
Germany	1	—	—	59	15,845	19,876	(c) 19,476
Latvia	46	(a)	(a)	(a)	(a)	(a)	(a)
Norway	1,112	1,069	433	295	204	16	298
Sweden	(a)	(a)	(a)	1,579	6,238	1,381	113
Yugoslavia	1,292	839	(a)	(a)	(a)	(a)	(a)
United States	17,520	14,555	10,601	6,718	1,920	39,079	77,723
Peru	201	154	42	154	163	313	507

(a) Information not available.

(b) January to March only.

(c) January to July only.

FULLER'S EARTH

PRODUCTION OF FULLER'S EARTH
(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
India	8,059	9,813	13,238	9,165	8,940	10,542	(a)
Australia	—	—	—	446	353	269	259
New Zealand	56	74	71	109	138	124	106
FOREIGN COUNTRIES							
United States (sales) ..	152,546	149,170	130,864	185,220	182,361	220,766	263,158

Fuller's earth is also produced in the United Kingdom and Turkey (8,428 tons in 1937).

(a) Information not available.

EXPORTS OF FULLER'S EARTH*

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
United States (b)	8,970	9,902	5,616	9,573	5,404	6,109	6,660

* Statistics of exports of fuller's earth are not separately recorded in official trade returns.

(b) As recorded by producers.

IMPORTS OF FULLER'S EARTH

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Union of South Africa ..	307	407	454	574	360	103	49
Canada	(£11,331)	(£11,559)	(£9,902)	(£13,527)	(£14,598)	(£16,980)	(£16,754)
Ceylon	24	17	(a)	(a)	(a)	(a)	(a)
Australia	362	727	596	999	819	154	545
FOREIGN COUNTRIES							
United States—							
Crude	64	65	5	40	41	35	—
Prepared	1,281	1,558	418	265	215	140	275
Peru	1,710	2,544	1,215	891	414	36	63
Philippine Islands	1,754	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

GOLD

PRODUCTION OF GOLD ORE

(In terms of metal)

(Fine troy ounces)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	2,428	6	—	—	—	—	—
Anglo-Egyptian Sudan .. .	8,866	7,510	6,606	5,323	5,196	2,127	1,820
Bechuanaland Protectorate	18,653	17,219	18,015	14,509	15,441	12,965	11,572
Gold Coast	674,927	782,271	886,326	888,887	778,925	567,282	523,225
Kenya	69,000	77,444	77,243	72,147	56,771	45,117	42,259
Nigeria	24,815	23,988	23,055	19,281	38,497	15,323	7,916
Northern Rhodesia .. .	1,092	4,645	5,782	3,401	1,134	703	307
Southern Rhodesia .. .	814,078	795,613	826,485	790,442	760,030	656,684	592,729
Sierra Leone	30,443	36,938	35,375	25,613	12,449	3,072	1,117
South West Africa .. .	1,796	1,400	(a)	(a)	(a)	(a)	(a)
Swaziland	1,246	983	1,080	537	1,061	2,604	2,189
Tanganyika Territory .. .	81,857	125,784	144,265	142,685	106,835	72,723	55,148
Uganda (exports) .. .	20,502	15,281	11,060	9,505	9,468	3,820	2,593
Union of South Africa .. .	12,161,392	12,821,507	14,046,502	14,407,649	14,126,852	12,804,379	12,279,629
Canada	4,725,117	5,094,379	5,311,145	5,345,179	4,841,306	3,651,301	2,922,911
Newfoundland	24,246	20,301	21,837	21,158	15,726	18,735	18,329
British Guiana	38,482	36,267	32,814	33,089	26,867	17,873	17,429
Burma	1,209	1,206	1,256	(a)	(f) 30	(f) 30	(f) 30
Cyprus	29,245	16,954	14,456	21,401	10,002	5,480	958
India	321,138	314,515	289,324	285,930	260,302	255,228	188,206
Malayan Union	40,790	41,163	36,180	(b) 24,804	1,024	2,213	1,212
Sarawak	18,520	17,261	12,285	(a)	(a)	(a)	(a)
Straits Settlements .. .	5	3	(a)	(a)	(a)	(a)	(a)
Australia	1,592,035	1,645,696	1,643,999	1,496,698	1,153,787	751,258	656,867
Fiji	92,362	107,789	111,331	118,681	99,973	61,505	40,407
New Guinea	236,399	246,400	294,795	(h) 112,214	(a)	(a)	(a)
New Zealand	152,050	178,955	185,665	174,656	165,986	149,150	142,287
Papua	29,834	36,118	20,845	(b) 10,536	(a)	(a)	(a)
TOTAL	21,200,000	22,500,000	24,050,000	24,030,000	22,500,000	19,100,000	17,500,000
FOREIGN COUNTRIES							
Bulgaria (estimated) .. .	200	(a)	(a)	(a)	(a)	(a)	(a)
Finland	4,800	1,822	(a)	(a)	(g) 2,235	(g) 7,138	(g) 6,251
France	87,160	66,632	81,149	59,961	44,336	34,112	21,959
Hungary	(a)	5,150	13,150	61,350	61,350	61,350	28,215
Italy	12,380	7,732	8,632	11,028	12,925	12,860	12,860
Norway	26	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	6,102	5,955	9,777	(a)	(a)	(a)	(a)
Roumania	157,920	150,047	130,000	103,000	84,000	83,000	71,000
Spain (estimated) .. .	20	20	1,000	(a)	(a)	(a)	(a)
Sweden	234,116	216,149	217,564	152,266	175,029	156,606	112,560
U.S.S.R.	5,300,000	4,800,000	6,200,000	(a)	(a)	(a)	(a)
Yugoslavia	78,000	72,000	(d) 75,000	(a)	(a)	(a)	(a)
Abyssinia	—	—	—	—	—	—	(g) 63,720
Angola	—	1,639	2,930	3,970	6,112	1,953	1,198
Belgian Congo	393,534	464,793	564,187	566,880	516,846	498,304	399,730

(a) Information not available.

(b) January to September only.

(d) Estimated.

(e) U.S. Bureau of Mines.

(f) Average annual production during the Japanese occupation (1942 to 1945).

(g) Annual Report of the U.S. Mint.

(h) January to June only.

PRODUCTION OF GOLD ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Cameroon (French) ..	15,541	17,265	17,522	22,859	23,084	21,798	20,416
Egypt	2,162	3,877	7,344	2,868	1,768	890	1,036
Eritrea	5,000	13,700	12,000	700	5	80	170
French Equatorial Africa ..	38,806	57,228	79,284	96,066	94,234	93,462	84,106
French West Africa	128,410	145,771	126,352	3,955	7,207	7,973	8,777
Liberia	(c) 1,902	(c) 6,536	(c) 9,661	(c) 20,370	22,469	30,823	(f) 30,772
Madagascar	13,535	11,317	11,574	10,996	8,874	9,182	9,388
Morocco (French)	8,840	8,360	4,020	771	27,000	2,475	2,570
Mozambique	9,034	10,160	10,545	8,391	6,527	6,462	7,556
Costa Rica	17,994	(f) 29,257	(f) 28,388	(f) 30,607	(f) 29,803	(f) 16,332	(f) 6,977
Cuba	(a)	3,851	1,251	607	195	50	40
Dominican Republic	5,898	6,304	6,914	15,614	6,709	816	683
Guatemala	5,489	4,897	4,447	2,560	729	409	(a)
Haiti	(a)	(a)	(a)	(a)	432	310	161
Honduras	30,281	(f) 37,900	(f) 31,886	(f) 33,092	(f) 25,779	(f) 22,844	(f) 23,026
Mexico	923,798	841,642	883,117	799,975	801,357	631,537	508,882
Nicaragua	44,506	(c) 100,182	(c) 168,549	(c) 217,771	(c) 248,176	(c) 233,641	(c) 223,910
Panama	(a)	3,774	2,634	2,105	98	(a)	(a)
Porto Rico	9	35	—	(a)	(a)	(a)	(a)
Salvador (d)	6,506	16,320	50,425	32,856	31,070	28,411	23,204
United States	4,267,469	4,673,042	4,869,949	4,750,865	3,457,110	1,363,815	998,394
Argentina	8,423	12,249	12,860	17,618	20,994	16,315	(a)
Bolivia (exports)	9,922	8,742	11,735	8,158	5,905	4,304	4,561
Brazil	142,964	147,950	149,815	147,308	157,078	160,320	166,400
Chile	294,033	329,453	335,432	263,833	187,001	173,751	203,749
Colombia	520,717	570,017	631,927	656,019	596,618	565,501	553,530
Dutch Guiana	14,153	14,812	15,921	12,563	7,883	5,795	5,723
Ecuador	70,544	85,352	71,217	83,375	88,871	90,871	84,234
French Guiana	42,375	39,417	38,066	36,009	27,200	20,608	18,583
Peru	260,326	267,357	281,261	285,189	257,657	199,637	175,180
Uruguay	865	1,279	1,762	1,364	(f) 1,022	(f) 1,000	(f) 1,000
Venezuela	114,984	146,608	146,792	99,090	88,150	62,802	59,064
China	(a)	(a)	377,000	(a)	(a)	(a)	(a)
Formosa	(b) 120,000	(f) 130,228	(f) 107,711	(f) 118,910	(f) 92,768	(f) 50,241	(f) 24,963
French Indo-China	10,288	7,427	20,416	2,315	354	100	13
Japan	773,772	833,540	822,512	708,024	661,855	230,071	168,438
Korea	(b) 1,050,000	(e) 844,336	(e) 947,279	(e) 753,027	(e) 759,584	(e) 490,009	(e) 656,678
Netherlands East Indies ..	76,441	81,182	89,942	(a)	(a)	(a)	(a)
Philippine Islands	903,265	999,408	1,114,201	(a)	(a)	(a)	(a)
Saudi Arabia	(a)	15,985	31,965	36,521	32,489	49,353	8,683
Siam	13,736	12,711	12,717	(a)	(a)	(a)	(a)
Total	16,400,000	16,900,000	19,000,000	16,000,000	13,000,000	10,000,000	9,000,000
*WORLD'S TOTAL	37,600,000	39,400,000	43,000,000	40,000,000	35,500,000	29,100,000	26,500,000

* Gold is also produced in Czecho-Slovakia, Germany and Manchuria—an allowance for this production is made in the total.

(a) Information not available.

(b) Estimated.

(c) Exports.

(d) Imports into the United States.

(e) U.S. Bureau of Mines.

(f) Annual Report of the U.S. Mint.

EXPORTS OF GOLD

(In terms of metal)

(Fine troy ounces)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Bullion—							
Unrefined	463,000	470,000	—	—	—	—	—
Refined	37,387,000	64,736,000	76,237,000	944,000	50,000	2,333,000	6,225,000
Coin	4,176,000	1,076,000	5,816,000	202,000	73,000	3,000	106,000
Eire—							
Bullion	730	2,200	1,000	1,500	1,250	1,500	140
Anglo-Egyptian Sudan—							
Bullion	12,600	17,200	10,200	10,700	7,900	2,800	1,800
Gold Coast—							
Bullion	677,500	793,100	858,100	815,300	786,100	630,400	533,900
Kenya and Uganda—							
Bullion	119,000	125,000	127,000	108,000	94,100	61,000	56,000
Nigeria—							
Bullion	25,000	25,600	25,400	24,000	42,000	19,800	10,700
Northern Rhodesia—							
Bullion	600	(a)	(a)	(a)	(a)	980	420
Sierra Leone—							
Bullion	31,500	32,000	27,900	20,200	10,400	2,800	1,200
Southern Rhodesia—							
Concentrates, etc. ..	3,000	2,900	4,100	7,700	2,800	2,200	2,400
Bullion	808,000	792,000	838,000	761,000	772,000	655,000	590,000
South West Africa—							
Bullion	1,800	(a)	(a)	(a)	(a)	(a)	(a)
Tanganyika Territory—							
Bullion	82,600	126,000	144,000	143,000	107,000	73,000	55,000
Union of South Africa—							
Ore and concentrates ..	9,700	20,100	38,900	30,500	21,200	6,800	6,400
Bullion	6,850,000	(a)	(a)	(a)	(a)	(a)	(a)
Coin	648,000						
Zanzibar—							
Bullion	—	—	170	—	—	—	—
Canada—							
Ore, etc.	241,000						
Bullion	1,935,000	(a)	(a)	(a)	(a)	(a)	(a)
Coin	1,725,000						
British West Indies—							
Bahamas—							
Coin	400	1,000	3,500	1,500	(a)	(a)	(a)
St. Lucia—							
Bullion	17	130	—	18	(a)	(a)	(a)
Trinidad and Tobago—							
Bullion	—	10	40	20	—	—	—
Coin	30	—	20	20	—	—	—
Jamaica—							
Bullion	400	300	300	160	—	—	—
Coin	—	100	150	100	—	—	—
British Guiana—							
Bullion	30,000	28,500	25,600	22,800	14,800	9,200	6,000
Aden—							
Bullion and coin ..	4,700	3,200	500	10	—	300	100
British India (b)—							
Bullion	723,000	2,545,000	2,149,000	195,000	1,000	17,000	33,000
Coin	927,000	8,000	11,000	35,000	36,000	8,000	1,200

(a) Information not available.

(b) Includes trade by land as recorded.

EXPORTS OF GOLD (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British Malaya—							
Bullion	120,000	71,000	2,000	(a)	(a)	(a)	(a)
Coin	17,000	4,600	400	(a)	(a)	(a)	(a)
Burma—							
Bullion and coin ..	3,400	126,500	(a)	(a)	(a)	(a)	(a)
Ceylon—							
Bullion	650	—	(a)	(a)	(a)	(a)	(a)
Cyprus—							
Ore and concentrates ..	20,000	19,600	13,100	21,700	7,600	4,200	1,300
Bullion	20	—	—	—	—	—	—
Hong Kong—							
Bullion	421,000	511,000	(a)	(a)	(a)	(a)	(a)
Coin	28,000	100	(a)	(a)	(a)	(a)	(a)
Palestine—							
Bullion and coin ..	51,000	29,000	(a)	(a)	3,300	160	300
Sarawak—							
Bullion	18,000	18,000	12,000	(a)	(a)	(a)	(a)
Australia—							
Ores, etc.	47,000	42,700	28,500	10,900	82,300	3,100	3,500
Bullion	1,948,000	1,971,000	2,005,000	2,062,000	3,500	—	—
Coin	10,800	18,600	4,800	10,000	—	—	—
Fiji—							
Bullion	89,400	108,100	107,300	117,900	87,200	57,500	44,700
New Guinea (b)—							
Bullion	228,000	(a)	(a)	(a)	(a)	(a)	(a)
New Zealand—							
Concentrates, sweepings, etc.	1,900	1,000	1,100	1,000	2,700	300	500
Bullion	150,000	168,000	184,000	173,000	162,000	147,000	135,000
Papua (b)—							
Ore and concentrates ..	200	200	(a)	(a)	(a)	(a)	(a)
Bullion	13,500	15,700	(a)	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria—							
Bullion	100	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	80						
Beaten, rolled or drawn	400						
Belgium-Luxemburg E.U.—							
Bullion	120,000	87,000	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia							
Bullion	2,500	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	60						
France—							
Bullion and scrap ..	9,600,000	1,200,000	80,000	} (a)	(a)	(a)	(a)
Coin	214,000	140,000	400				
Beaten, rolled or drawn	8,000	6,000	1,000				
Germany—							
Bullion	} 2,800,000	1,300,000	1,200,000	(a)	(a)	(a)	(a)
Coin							
Beaten or rolled ..							
Hungary—							
Coin	260	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Bullion and scrap ..	70	} (a)	(a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	900						

(a) Information not available.

(b) Year ended June 30 of that stated.

EXPORTS OF GOLD (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands—							
Bullion (b)	7,800,000	15,500,000	} (a)	(a)	(a)	(a)	(a)
Coin (b)	1,250,000	400,000					
Norway—							
Coin	17,000	—	(a)	(a)	(a)	(a)	(a)
Poland—							
Bullion	334,000	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	106,000						
Sweden—							
Bullion	235,000	722,000	174,000	640,000	33,000	10,000	8,500
Coin	49,000	2,000	3,000	26,000	200	—	—
Switzerland—							
Bullion	6,690,000	8,930,000	(a)	(a)	(a)	(a)	(a)
U.S.S.R.	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Algeria—							
Coin	4,400	(a)	(a)	(a)	(a)	(a)	(a)
Belgian Congo—							
Bullion	411,000	(e) 370,000	(a)	530,000	480,000	400,000	(a)
Cameroon (French)—							
Bullion	12,000	13,000	10,000	23,000	33,000	20,000	19,000
Egypt—							
Bullion	84,000	79,000	—	600	—	—	—
Coin	21,600	100,000	—	100	—	—	1,000
French Equatorial Africa—							
Bullion	37,700	53,400	34,800	70,300	125,900	89,500	124,100
French West Africa—							
Bullion	118,000	136,000	82,000	600	32,000	21,000	20,000
Liberia—							
Bullion	1,902	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar—							
Bullion	12,000	11,000	3,000	130	—	—	—
Mozambique —							
Bullion	12,900	17,700	9,000	900	300	200	30
Coin	1,600	(a)	(a)	(a)	(a)	(a)	(a)
Costa Rica—							
Bullion	40,000	16,000	16,000	17,000	15,000	7,000	4,000
Cuba—							
Ore, bullion and scrap ..	100	400	1,300	600	200	—	—
Dominican Republic—							
Bullion and scrap ..	7,000	6,000	7,000	16,000	7,000	800	700
Guatemala—							
Bullion, etc.	5,500	5,000	4,400	2,500	700	400	100
Honduras (years ended June 30)—							
Bullion, etc.	(d) 21,000	36,300	42,900	35,600	27,300	20,200	23,000
Mexico—							
Bullion	936,000	951,000	925,000	414,000	908,000	176,000	117,000
Nicaragua—							
Concentrates	44,000	100,000	164,000	209,000	241,000	221,000	218,000
Precipitates	—	—	4,000	8,000	7,000	2,000	6,000
Salvador—							
Bullion, etc.	(a)	16,000	50,000	33,000	31,000	28,000	23,000

(a) Information not available.

(b) Excluding exports by post, which were 1,200,000 and 330,000 fine troy ounces of bullion and coin combined during 1938 and 1939 respectively.

(c) Exports of gold are not recorded in the trade returns of the U.S.S.R.

(d) August to June only.

(e) In addition 6,200 troy ounces were contained in copper ingots, matte, etc., exported.

EXPORTS OF GOLD (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
Ore and base bullion ..	25,000	10,000	3,000	1,000	600	60	—
Refined bullion	143,000	5,000	29,000	500	2,000	689,000	27,400,000
Coin	—	—	110,000	200	—	250,000	5,000
Argentina—							
Bullion and coin ..	947,000	210,000	1,700,000	8,000	—	1,300	550
Bolivia—							
Ore	9,922	8,742	11,735	8,000	6,000	4,000	4,500
Chile—							
Ore	(b) 53,000	170,000	150,000	74,000	7,000	9,000	(a)
Bullion	25,000	60,000	100,000	80,000	40,000	(a)	(a)
Coin	23,000	—	—	—	—	(a)	(a)
Colombia—							
Bullion	301,000	663,000	683,000	695,000	342,000	3,000	3,000
Dutch Guiana—							
Bullion	(a)	14,800	15,900	12,600	7,900	5,800	5,700
French Guiana—							
Bullion	41,000	38,000	33,000	34,000	25,000	13,000	19,000
Peru—							
Ores, concentrates, etc. . .	36,000	26,000	43,000	36,000	11,000	10,000	15,000
Bullion, etc.	219,000	194,000	246,000	180,000	251,000	162,000	110,000
Venezuela—							
Bullion	(a)	163,000	138,000	125,000	120,000	73,000	(a)
China—							
Bullion	13,100	12,000	47,000	(a)	(a)	(a)	(a)
French Indo-China—							
Bullion	22,000	8,000	(a)	(a)	(a)	(a)	(a)
Iraq—							
Bullion, etc.	9,400	—	1,400	} (a)	(a)	(a)	(a)
Coin	11,600	—	6,000				
Netherlands East Indies—							
Bullion and scrap ..	100,000	50,000	} (a)	(a)	(a)	(a)	(a)
Coin	26,000	18,200					
Philippine Islands—							
Ore	2,000	600	1,500	} (a)	(a)	(a)	(a)
Concentrates	—	—	151,000				
Bullion	880,000	1,040,000	917,000				
Siam—							
Bullion	45,000	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Bullion and scrap ..	84,000	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Excluding mixed ores.

IMPORTS OF GOLD

(In terms of metal)

(Fine troy ounces)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore, etc.	41,000	36,000	24,000	8,000	4,000	1,000	1,000
Bullion—							
Unrefined	2,901,000	3,060,000	991,000	44,000	849,000	607,000	584,000
Refined	26,730,000	19,369,000	4,887,000	683,000	5,852,000	4,522,000	20,884,000
Coin	4,140,000	672,000	1,194,000	—	183,000	—	603,800
Eire—							
Bullion	283,000	131,000	—	50	—	—	20
Malta—							
Bullion	14	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	240						
Anglo-Egyptian Sudan—							
Bullion	70	—	—	—	—	—	—
Coin	—	—	800	40	—	—	5,500
Kenya and Uganda—							
Bullion	33,300	36,700	41,900	22,600	14,300	8,000	5,400
Coin	140	100	—	—	—	—	—
Southern Rhodesia—							
Bullion	9,400	11,700	5,600	—	—	—	—
Coin	4,300	1,000	10	—	250	—	—
Tanganyika Territory—							
Bullion	130	—	10	400	70	—	50
Union of South Africa—							
Bullion	34,100	(a)	(a)	(a)	(a)	(a)	(a)
Coin	1,400	(a)	(a)	(a)	(a)	(a)	(a)
Zanzibar—							
Bullion	1,100	100	—	—	—	—	—
Coin	80	130	—	—	—	—	—
Canada—							
Bullion, etc.	1,643,000	(a)	(a)	(a)	(a)	(a)	(a)
British West Indies—							
Bahamas—							
Coin	1,000	—	—	—	(a)	(a)	(a)
Jamaica—							
Bullion	—	—	—	—	10	50	200
Coin	500	—	—	—	20	—	—
Trinidad and Tobago—							
Bullion	—	100	800	—	(a)	(a)	(a)
British Guiana—							
Bullion	50	10	25	30	50	30	40
Aden—							
Coin	2,000	1,700	150	100	—	400	130
British India (b)—							
Bullion	56,000	117,000	14,000	3,400	1,200	200	111,500
Coin	36,000	51,000	—	47,000	41,000	—	—
British Malaya—							
Bullion	78,000	21,000	20,000	(a)	(a)	(a)	(a)
Coin	32,000	17,000	—	(a)	(a)	(a)	(a)
Burma—							
Bullion	—	20	1,280	(a)	(a)	(a)	(a)
Coin	760	1,400	7,600	(a)	(a)	(a)	(a)
Ceylon—							
Bullion	6,000	—	(a)	(a)	(a)	(a)	(a)
Coin	800	400	(a)	(a)	(a)	(a)	(a)
Hong Kong—							
Bullion	48,000	38,000	(a)	(a)	(a)	(a)	(a)
Coin	1,000	—	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Includes trade by land as recorded.

IMPORTS OF GOLD (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Palestine—							
Bullion and coin ..	50,000	85,000	(a)	(a)	130	10	3,400
Australia—							
Ore, matte, etc. (b) ..	50	10	(a)	(a)	(a)	(a)	(a)
Bullion, etc. ..	358,000	410,000	319,000	382,000	222,500	145,600	130,100
Coin	—	1,900	—	—	—	—	—
New Zealand—							
Bullion, etc.	—	1,400	(a)	(a)	300	200	500
FOREIGN COUNTRIES							
Austria—							
Bullion	5,200	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	4,200						
Beaten, rolled or drawn ..	10						
Belgium-Luxemburg E.U.—							
Bullion	430,000	400,000	(a)	(a)	(a)	(a)	(a)
Bulgaria—							
Bullion, etc.	1,320	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Bullion	100	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Beaten, rolled or drawn ..	9,900	9,870	5,100	5,500	6,400	5,400	4,000
Finland—							
Bullion	74,000	(a)	(a)	300	—	900	1,100
Sheet and wire	1,300	(a)	(a)	100	—	—	—
France—							
Bullion and scrap ..	1,800,000	2,600,000	300,000	} (a)	(a)	(a)	(a)
Coin	5,200,000	700,000	60,000				
Beaten, rolled or drawn	15,000	2,000	600				
Germany—							
Ore	50,000	27,000	5,000	(a)	(a)	(a)	(a)
Bullion, scrap, coin, etc.	1,800,000	1,800,000	200,000	(a)	(a)	(a)	(a)
Hungary—							
Bullion	2,300	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Bullion and scrap ..	2,800	} (a)	(a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	300						
Latvia—							
Bullion, etc.	3,100	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Bullion	580	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Bullion	4,820,000	2,900,000	} (a)	(a)	(a)	(a)	(a)
Coin	2,620,000	1,100,000					
Norway—							
Bullion	219,000	28,000	(a)	(a)	(a)	(a)	(a)
Sheets and rolled ..	3,400	2,600	800	70	20	100	130
Poland—							
Bullion	14,500	} (a)	(a)	(a)	(a)	(a)	(a)
Coin	800						
Sweden—							
Bullion	1,472,000	665,000	98,000	1,700	800	35,000	4,000
Coin	8,000	11,000	—	24	—	—	52,000

(a) Information not available.

(b) Years ended June 30.

IMPORTS OF GOLD (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Switzerland—							
Bullion	6,660,000	2,220,000	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Bullion	17,100	500	} (a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	300	1,000					
Algeria—							
Bullion and coin ..	4,800	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Bullion	7,000	400	1,800	7,400	5,200	1,200	1,400
Coin	10,000	7,600	3,100	2,000	12,000	5,000	18,000
Mexico—							
Bullion and coin ..	4,000	1,000	400	(a)	(a)	(a)	(a)
United States—							
Ore and base bullion ..	2,200,000	2,700,000	3,200,000	3,000,000	1,400,000	1,200,000	1,100,000
Refined bullion	53,900,000	99,400,000	117,700,000	25,100,000	7,700,000	1,700,000	1,800,000
Coin	463,000	160,000	14,900,000	48,000	10,000	1,700	380,000
Argentina—							
Bullion and coin ..	50,400	65,000	21,000	87,000	70,000	220,000	1,700,000
Brazil—							
Bullion	220	(a)	6,000	34,000	25,000	15,000	10,000
Venezuela—							
Bullion	60	3,000	30	—	—	550	(a)
China—							
Bullion	104,000	—	—	} (a)	(a)	(a)	(a)
Coin	28,000	—	—				
French Indo-China—							
Bullion	4,500	110	} (a)	(a)	(a)	(a)	(a)
Drawn and rolled	700	80					
Coin	6	17					
Iran (b)—							
Bullion	21,400	1,200	—	—	—	240,000	(a)
Coin	—	—	—	—	300	2,000	(a)
Iraq—							
Bullion and coin ..	6,200	180	25,000	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Bullion and scrap ..	20,000	651,000	} (a)	(a)	(a)	(a)	(a)
Coin	30,000	102,000					
Philippine Islands—							
Bullion	290	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Coin	90,000	40,000	1,800	70	90	—	1,000
Turkey—							
Bullion and scrap ..	1,600	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

GRAPHITE

PRODUCTION OF GRAPHITE

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Kenya	—	—	—	—	—	—	10
Southern Rhodesia	—	—	—	—	—	—	5
South West Africa	(a)	(a)	(a)	(a)	(a)	1,136	1,607
Union of South Africa	53	58	77	73	(c) 1,044	(c) 633	(c) 502
Canada (sales) (d)	(£8,440)	(£13,354)	(£20,907)	(£29,871)	1,064	1,699	1,413
Ceylon (exports)	11,783	22,396	24,050	27,233	27,735	20,075	12,473
India	458	936	306	814	1,055	1,169	927
Malayan Union	(a)	(a)	(a)	(a)	(e) 160	(e) 160	(e) 160
Australia	10	—	108	432	367	571	440
FOREIGN COUNTRIES							
Austria (crude)	16,586	(b)	(b)	(b)	(b)	(a)	22,132
Czecho-Slovakia	(a)	(a)	(b)	(b)	(b)	(a)	(a)
Germany (crude)	27,662	57,706	60,099	60,193	69,331	(a)	(a)
Italy	5,396	5,625	4,917	4,070	5,397	(a)	(a)
Norway (exports)	3,781	3,682	2,380	3,604	3,069	2,870	2,985
Sweden	47	162	68	68	60	63	—
Egypt	—	—	—	—	—	—	256
Madagascar—							
Flake	10,305	8,741	10,706	9,359	7,622	9,665	11,030
Powder	4,011	3,264	4,363	3,454	1,788	3,080	3,219
Morocco (French)	193	876	522	560	1,050	260	210
Morocco (Spanish)	71	53	347	23	247	78	41
Mozambique	—	—	—	—	162	420	—
Mexico	9,459	9,660	12,132	16,661	20,482	20,350	12,772
United States	(a)	(a)	(a)	2,453	6,357	8,874	4,829
Argentina	28	—	98	133	240	233	448
Brazil	(a)	3	(a)	(f) 59	(f) 71	(f) 19	(f) 196
French Indo-China	—	—	—	2	14	25	30
Korea—							
Flake	12,306	} 85,100	(a)	(a)	(a)	(a)	102,000
Other	44,107						

Graphite is also produced in the U.S.S.R. and Japan.

(a) Information not available.

(b) Included with Germany.

(c) Including the following amounts of graphite shale:—

Year	Long tons
1942	393
1943	198
1944	183

(d) Quantities not recorded prior to 1942.

(e) Average annual production during the Japanese occupation (1942 to 1945).

(f) Exports.

EXPORTS OF GRAPHITE

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Crucibles	2,551	2,295	2,731	3,064	2,632	1,734	1,969
Canada	1,027	1,180	1,360	891	456	219	246
Ceylon	11,783	22,396	24,050	27,233	27,735	20,075	12,473
Hong Kong (including re-exports)	77	292	164	(a)	(a)	(a)	(a)
Australia	20	40	51	182	64	56	124
FOREIGN COUNTRIES							
Austria	5,842	(b) 1,075	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Crude and ground	99	117	(a)	10	38	13	20
Crucibles	153	176	(a)	72	107	87	23
Czecho-Slovakia	1,998	(a)	(a)	(a)	(a)	(a)	(a)
Denmark (d)	121	206	181	145	94	—	1
France	611	509	266	54	24	—	1
Germany	2,952	10,046	7,016	8,805	10,446	9,743	(c) 4,122
Hungary	8	10	(a)	(a)	(a)	(a)	(a)
Italy	2,288	2,462	1,540	169	349	(a)	(a)
Norway	3,781	3,682	2,380	3,604	3,069	2,870	2,985
Poland	46	(a)	(a)	(a)	(a)	(a)	(a)
Sweden	28	11	1	1	7	30	—
Algeria	3	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar	13,221	12,076	11,128	11,796	6,567	11,195	13,936
Morocco (French)	363	694	568	(a)	(a)	48	92
Morocco (Spanish)	74	(a)	(a)	(a)	(a)	(a)	(a)
Mexico	9,459	9,660	12,132	16,661	20,486	20,350	12,776
United States	877	871	1,458	1,539	3,656	2,687	1,991
Brazil	(a)	(a)	—	59	71	19	196
French Indo-China	1	2	(a)	(a)	(a)	(a)	(a)
Japan	2,508	5,000	(a)	(a)	(a)	(a)	(a)
Korea—							
Flake	7,742	11,887	(a)	(a)	(a)	(a)	(a)
Other	41,811	65,373	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) Including artificial graphite.

IMPORTS OF GRAPHITE

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Natural (b)	14,543	11,636	18,800	13,277	12,118	29,423	20,113
Crucibles.. ..	4	1	—	—	—	—	—
Eire	76	62	74	50	54	76	79
Mauritius—							
Crucibles.. ..	(£167)	(£245)	(£493)	(£235)	(£925)	(£628)	(£426)
Southern Rhodesia	16	(a)	(a)	(a)	(a)	(a)	(a)
Union of South Africa	329	476	854	721	251	287	107
Canada—							
Unground	(£3,763)	(£2,898)	(£5,420)	(£9,942)	(£8,845)	(£5,342)	(£10,808)
Ground, including manuf- factures	(£14,071)	(£18,823)	(£39,946)	(£47,946)	(£61,416)	(£64,401)	(£58,698)
Crucibles.. ..	(£12,300)	(£13,010)	(£29,169)	(£47,098)	(£76,576)	(£42,988)	(£28,930)
Newfoundland (d)	(£8)	(£15)	(£22)	(£25)	(e) (£80)	1	2
British India—							
Graphite	425	498	435	361	183	743	96
Crucibles.. ..	166	116	155	341	221	229	441
Burma—							
Graphite	13	39	41	(a)	(a)	(a)	(a)
Crucibles.. ..	2	3	3	(a)	(a)	(a)	(a)
Hong Kong (total imports)	1,516	1,817	984	(a)	(a)	(a)	(a)
Palestine—							
Crucibles.. ..	—	—	—	—	22	16	13
Australia	655	880	772	856	754	1,310	447
New Zealand (£ N.Z.)	(£1,198)	(£1,206)	(£2,210)	(£2,551)	(£2,901)	(£4,373)	(£4,160)
FOREIGN COUNTRIES							
Austria	210	(c) 3	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Crude and ground	866	1,299	(a)	1,020	888	655	184
Crucibles.. ..	148	140	(a)	167	98	81	24
Bulgaria	116	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia	1,620	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Graphite (b)	644	966	584	666	445	517	374
Crucibles.. ..	53	93	54	48	51	56	67
Finland (total imports)	123	126	166	188	231	227	225
France	3,690	3,699	3,808	1,597	1,445	596	204
Germany	3,691	1,845	897	2,993	2,661	2,880	(f) 1,707
Hungary	1,426	2,017	(a)	(a)	(a)	(a)	(a)
Italy.. ..	3,884	3,315	1,894	2,589	3,022	(a)	(a)
Latvia	97	(a)	(a)	(a)	(a)	(a)	(a)
Norway—							
Graphite	(a)	158	100	89	130	72	103
Crucibles, etc.	46	73	35	37	31	19	35
Poland	1,545	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	20	50	27	13	30	85	37
Roumania—							
Graphite	1,037	1,065	1,183	} (a)	(a)	(a)	(a)
Crucibles.. ..	77	78	141		(a)	(a)	(a)

(a) Information not available.

(b) Including artificial graphite.

(c) January to March only.

(d) Years ended June 30 of year following that stated for 1938 to 1941 and March 31 subsequently.

(e) Nine months ended March 31, 1943.

(f) January to July only.

IMPORTS OF GRAPHITE (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden	701	1,317	631	617	728	672	684
Yugoslavia	590	752	(a)	(a)	(a)	(a)	(a)
Algeria	30	(a)	(a)	(a)	(a)	(a)	(a)
Egypt	71	86	49	49	19	13	8
Tunis—							
Graphite	4	(a)	(a)	8	—	5	(a)
Crucibles	9	(a)	(a)	14	23	—	(a)
Mexico	107	91	97	53	(a)	(a)	(a)
United States (b)	14,737	19,230	27,919	36,749	39,069	25,589	23,262
Argentina	407	473	518	152	229	156	276
Chile	404	238	140	111	214	(a)	(a)
Colombia	8	12	7	17	—	17	(a)
Peru	25	24	26	17	24	17	30
Uruguay	30	19	6	(a)	(a)	(a)	(a)
French Indo-China	85	134	(a)	(a)	(a)	(a)	(a)
Japan (total imports)	5,194	21,782	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies	414	508	347	(a)	(a)	(a)	(a)
Philippine Islands	30	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Graphite	48	56	} (a)	(a)	(a)	(a)	(a)
Crucibles, etc.	36	26					

(a) Information not available.

(b) In addition the following amounts of artificial graphite were imported:—

Year	long tons
1938	446
1939	369
1940	232
1941	34
1942	150
1943	183
1944	117

GYPSUM

PRODUCTION OF GYPSUM

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	1,092,395	1,026,288	1,015,969	1,102,607	1,212,158	1,367,958	1,323,247
Eire	13,153	(c) 16,000	(a) —	(a) —	(a) —	21,114	21,056
Northern Ireland	(a) —	(a) —	283	—	—	547	—
Kenya	—	—	—	—	—	—	250
Union of South Africa	38,490	40,138	45,472	47,563	50,021	46,856	56,519
Canada	967,908	1,368,235	1,375,710	1,393,250	711,720	384,663	478,889
Cyprus (c)	12,000	6,000	2,000	200	300	150	3,400
Palestine	3,921	4,453	4,333	4,765	7,990	5,895	7,311
India	69,823	71,212	78,005	53,058	63,369	82,267	83,706
Australia	173,400	171,057	166,458	161,861	69,069	49,388	58,730
FOREIGN COUNTRIES							
Estonia	13,695	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
France	1,292,300	(a) —	(a) —	(a) —	826,760	710,800	690,600
Greece	16,347	14,979	(a) —	(a) —	(a) —	(a) —	(a) —
Italy (including alabaster)	419,359	426,304	447,481	323,257	(a) —	(a) —	(a) —
Latvia (exports)	193,853	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
Luxemburg	19,587	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
Portugal	14,284	12,872	15,166	15,065	17,677	27,261	28,674
Roumania (b)	67,988	15,724	(a) —	(a) —	(a) —	(a) —	(a) —
Spain—							
Mined	(a) —	(a) —	(a) —	395,429	431,370	444,911	485,307
Quarried (b)	(a) —	688,922	1,202,406	779,622	848,430	1,088,350	1,235,000
Sweden	94	100	13	(a) —	(a) —	(a) —	(a) —
Yugoslavia (c)	10,000	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
Algeria	32,799	(a) —	(a) —	23,006	23,346	17,637	(a) —
Angola (d)	(a) —	(a) —	(a) —	394	360	7	7
Egypt (b)	208,738	689,106	60,870	(a) —	(a) —	(a) —	46,800
Morocco (Spanish)	(d) 1,147	(a) —	(a) —	(a) —	(a) —	3,250	—
Tunis (c)	25,000	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
Cuba	7,142	6,171	11,810	11,810	4,235	2,875	8,866
Dominican Republic (ex-ports)	—	—	—	2,992	(a) —	902	2,112
Mexico	(c) 70,000	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
United States	2,396,612	2,881,015	3,302,692	4,275,477	4,194,257	3,462,090	3,358,245
Argentina	69,695	85,949	72,688	88,685	87,287	86,080	104,600
Brazil (c)	2,000	2,000	2,000	48,000	(a) —	(a) —	(a) —
Chile	24,163	24,615	29,500	27,776	25,594	32,374	31,716
Peru	13,804	15,408	21,139	22,117	19,206	20,005	24,792
Venezuela (b)	(a) —	(a) —	(a) —	3,000	4,000	4,700	(a) —
China (c)	70,000	(a) —	(a) —	(a) —	(a) —	(a) —	(a) —
French Indo-China	—	—	—	—	3,000	710	(a) —
Iraq	(a) —	68,447	34,328	(a) —	(a) —	(a) —	(a) —
New Caledonia	1,053	—	3,000	(a) —	(a) —	(a) —	16,400

Gypsum is also produced in Austria, Germany, Poland, Switzerland, U.S.S.R., French Morocco, Japan and Korea.

(a) Information not available.

(b) Converted from cubic metres at the rate of 1 cubic metre = 2 long tons.

(c) Estimated.

(d) Exports.

EXPORTS OF GYPSUM

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Calcined	8,919	9,545	7,441	6,839	3,416	2,579	1,657
Union of South Africa ..	1,654	1,807	2,141	2,436	2,740	3,000	3,025
Canada—							
Crude	723,312	1,125,206	1,171,433	1,040,827	437,359	165,366	345,490
Ground	(a)	200	342	64,617	22	—	—
Calcined	1,301	1,195	868	328	19	426	396
Cyprus—							
Crude	6,046	2,531	404	15	—	—	2,887
Calcined	3,529	2,441	997	135	224	110	458
Hong Kong (including re-exports)	2,728	1,370	458	(a)	(a)	(a)	(a)
Australia—							
Crude	—	37,125	46,855	27,542	15,873	19,506	17,520
Calcined	31,180	11,375	1,716	414	63	16	1,091
FOREIGN COUNTRIES							
Austria—							
Crude and ground ..	19,533	(b) 2,515	} (a)	(a)	(a)	(a)	(a)
Calcined	11,669	(b) 1,550					
Belgium-Luxemburg E.U.—							
Crude	14,532	9,031	(a)	1,219	167	41	—
Ground and calcined ..	12,319	12,879	(a)	8,057	3,396	4,387	1,881
Alabaster	—	20	(a)	—	—	—	—
Czecho-Slovakia—							
Crude, ground and calcined	7	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Crude and calcined ..	13	3	3	2	3	3	—
Estonia	7,202	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Crude and calcined ..	306,527	321,277	77,297	124,491	143,882	110,419	61,650
Germany—							
Gypsum and phosphatic gypsum	70,769	82,028	59,204	95,907	62,173	56,295	(c) 21,273
Hungary—							
Calcined	2	3	(a)	(a)	(a)	(a)	(a)
Italy—							
Crude	33,280	(c) 24,058	} (a)	(a)	(a)	(a)	(a)
Calcined	716	(c) 386					
Alabaster, crude ..	596	(c) 193					
Latvia—							
Crude	159,504	} (a)	(a)	(a)	(a)	(a)	(a)
Ground and calcined ..	34,349						
Netherlands	57	31	8	74	—	—	(a)
Poland—							
Crude	1,124	} (a)	(a)	(a)	(a)	(a)	(a)
Ground and calcined ..	1,399						
Portugal—							
Crude	39	16	36	27	26	25	38
Roumania	6,797	5,643	3,037	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) January to July only.

EXPORTS OF GYPSUM (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden—							
Crude	—	—	325	—	—	—	—
Calcined	11	18	5	6	1	—	1
Switzerland—							
Ground and calcined ..	85	125	81	19	60	109	298
Yugoslavia—							
Crude	3,871	5,364	} (a)	(a)	(a)	(a)	(a)
Ground and calcined ..	709	347					
Algeria	347	(a)	(a)	(a)	(a)	(a)	(a)
Angola—							
Crude	(a)	(a)	(a)	394	360	7	7
Egypt—							
Crude and ground ..	36,360	27,309	22,846	5,111	—	—	11
Calcined	133	227	268	251	53	84	99
Morocco (Spanish) ..	1,147	(a)	(a)	(a)	(a)	(a)	(a)
Tunis (including re-exports)—							
Calcined	—	(a)	(a)	7	—	49	(a)
Dominican Republic ..	—	—	—	2,992	—	902	2,112
Mexico—							
Crude	45,356	36,541	30,522	(a)	(a)	(a)	(a)
United States—							
Crude and ground ..	2,539	9,234	4,651	13,831	531	4,732	777
Calcined	3,422	2,601	1,971	2,715	1,660	2,175	5,018
Argentina	4,610	6,859	6,324	6,374	5,861	5,598	3,638
China	1,543	4,602	2,075	(a)	(a)	(a)	(a)
Korea	1,922	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF GYPSUM

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Crude, including alabaster	273,827	211,454	6,532	70	1,160	3,035	3,535
Calcined	31,759	32,240	2,032	244	68	60	240
Eire—							
Calcined, etc.	3,789	3,154	1,349	1,120	799	1,305	1,351
Southern Rhodesia—							
Crude and calcined ..	1,725	1,502	1,787	1,965	2,463	2,668	2,372
South West Africa..	10	12	2	9	5	11	4
Union of South Africa—							
Crude and calcined ..	6,752	5,963	2,285	1,945	853	1,070	438
Canada—							
Crude	7	3	7	2	—	4,464	} 25
Ground	373	621	449	654	640	437	
Calcined	1,184	1,357	1,190	1,303	1,253	1,073	
Newfoundland (c)—							
Crude and calcined ..	(£344)	(£310)	(£309)	(£457)	(d) (£193)	(£679)	100
Hong Kong (total imports)	5,145	2,097	383	(a)	(a)	(a)	(a)
Palestine—							
Crude and calcined ..	349	1,390	668	631	5	104	1
Australia—							
Crude and calcined ..	1,310	1,330	941	582	481	331	58
New Zealand—							
Crude	14,875	24,478	33,089	28,253	13,482	13,161	16,738
Calcined	13,223	11,706	2,814	519	131	283	1,117
FOREIGN COUNTRIES							
Albania	93	(a)	(a)	(a)	(a)	(a)	(a)
Austria—							
Crude and ground ..	2	(b) 2	} (a)	(a)	(a)	(a)	(a)
Calcined	3	(b) —					
Belgium-Luxemburg E.U.—							
Crude	153,307	128,334	(a)	109,997	106,398	94,702	49,663
Ground and calcined ..	35,686	27,969	(a)	19,888	15,462	9,246	3,608
Alabaster, crude.. ..	2	—	(a)	—	—	—	—
Bulgaria—							
Crude	2	} (a)	(a)	(a)	(a)	(a)	(a)
Calcined	23						
Czecho-Slovakia—							
Crude and ground ..	28,369	} (a)	(a)	(a)	(a)	(a)	(a)
Calcined	15,309						
Denmark—							
Crude	12,262	28,062	12,229	9,594	19,525	22,163	14,046
Calcined	4,499	5,490	3,710	4,057	4,836	4,099	3,322
Estonia	35	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Crude	28,118	27,088	16,775	5,335	4,137	9,723	4,625
Calcined	19,239	17,521	2,765	4,401	2,830	3,380	1,252
France—							
Alabaster	16	6	—	—	—	—	—
Crude and calcined ..	1,061	4,554	101	2,146	7,350	4,805	1,672

(a) Information not available.

(b) January to March only.

(c) Years ended June 30 of year following that stated for 1938 to 1941 and March 31 subsequently.

(d) Nine months ended March 31, 1943.

IMPORTS OF GYPSUM (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Gypsum and phosphatic gypsum	14,779	7,200	3,691	7,910	10,503	26,445	(b) 17,311
Hungary—							
Crude	15,217	(a)	} (a)	(a)	(a)	(a)	(a)
Ground	59	71					
Calcined	11,770	11,870					
Iceland	18	28	33	47	38	122	84
Italy—							
Crude	1	(b) —	} (a)	(a)	(a)	(a)	(a)
Calcined	20	(b) 12					
Latvia—							
Crude and ground ..	23	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Ground and calcined ..	589	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Crude	} 23,145	} 24,842	20,298	11,587	14,914	14,457	} (a)
Calcined			14,279	20,148	19,544	8,380	
Ground			2,852	3,790	1,449	1,420	
Norway—							
Crude	15,739	25,667	3,574	6,773	827	649	—
Ground	2,519	3,634	1,798	3,352	1,844	2,931	1,297
Poland—							
Ground and calcined ..	1,480	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Crude	8,528	12,981	6,934	1,608	1,630	2,820	3,100
Calcined	95	82	2	3	10	4	4
Sweden—							
Crude	38,400	79,443	17,827	11,078	19,421	16,379	18,537
Calcined	9,632	12,516	4,539	5,786	5,394	7,230	5,256
Switzerland—							
Ground and calcined ..	1,165	963	607	423	272	259	117
Yugoslavia—							
Ground and calcined ..	258	308	(a)	(a)	(a)	(a)	(a)
Algeria—							
Alabaster	1	} (a)	(a)	(a)	(a)	(a)	(a)
Calcined	541						
Egypt—							
Crude and ground ..	1	46	25	187	—	—	—
Calcined	2,602	1,320	521	118	88	8	96
Libya	449	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (French) ..	467	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish) ..	24	(a)	(a)	(a)	(a)	(a)	(a)
Mozambique—							
Crude	365	559	472	447	346	264	644
Calcined	51	22	212	28	46	142	118
Tunis—							
Calcined	126	(a)	(a)	21	64	—	(a)
Costa Rica	19	5	(a)	(a)	(a)	(a)	(a)
Cuba (total imports) ..	1,798	1,177	882	935	790	922	2,636
United States—							
Crude	704,847	1,167,927	1,254,652	1,203,533	352,196	206,538	305,768
Ground	1,327	1,317	1,015	1,456	936	855	336
Calcined	332	270	199	216	276	65	67
Argentina	318	366	183	63	69	175	13
Bolivia	52	(a)	17	(a)	(a)	(a)	(a)
Chile	13	12	25	32	8	(a)	(a)
Colombia—							
Ground	149	161	163	252	37	93	82

(a) Information not available.

(b) January to July only.

IMPORTS OF GYPSUM (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Peru—							
Crude	12	19	18	17	6	3	29
Calcined	15	12	17	16	15	7	8
Uruguay—							
Ground	841	722	822	(a)	(a)	6,678	7,971
Venezuela	164	166	159	619	197	48	
China	5,545	910	1,688	(a)	(a)	(a)	(a)
French Indo-China—							
Crude	4,498	8,369	} (a)	(a)	(a)	(a)	(a)
Ground	164	313					
Iran (total imports) (b) ..	—	—	—	12,902	—	—	(a)
Japan (total imports) ..	11,027	13,708	(a)	(a)	(a)	(a)	(a)
Korea (total imports) ..	29,437	(a)	(a)	(a)	(a)	(a)	(a)
Manchuria	43,055	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies ..	4,717	6,014	3,570	(a)	(a)	(a)	(a)
Philippine Islands ..	4,325	6,309	8,403	(a)	(a)	(a)	(a)
Syria and Lebanon ..	1,122	936	510	—	49	159	353

(a) Information not available.

(b) Year ended March 30 of year following that stated.

IRON AND STEEL

PRODUCTION OF IRON ORE * (including Manganiferous Iron Ore)

(Long tons)

Producing Country	ORE										Estimated Iron Content				
	1938	1939	1940	1941	1942	1943	1944	1938	1939	1940	1941	1942	1943	1944	
BRITISH EMPIRE															
United Kingdom (b) ...	11,859,191	14,485,600	17,701,800	18,874,200	19,905,600	18,493,700	15,471,700	3,558,000	4,347,000	5,363,000	5,441,000	5,363,000	5,326,000	4,321,000	
Northern Ireland ...	(a)	(a)	(a)	(a)	4,749	6,555	570	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Northern Rhodesia ...	205	136	267	267	388	614	208	100	70	130	130	190	300	100	
Sierra Leone (exports) ...	861,955	828,560	689,290	1,029,970	623,270	556,515	454,660	491,000	470,000	390,000	557,000	352,000	317,000	260,000	
South West Africa ...	23,484	19,192	(a)	(a)	(a)	(a)	(a)	11,000	9,000	(a)	(a)	(a)	(a)	(a)	
Union of South Africa ...	497,336	482,387	628,672	780,192	706,406	728,474	756,261	314,000	307,000	390,000	496,000	425,000	442,000	457,000	
Southern Rhodesia ...	—	—	—	310	179	179	179	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Canada ...	1,680,213	1,653,093	370,181	460,747	486,880	542,804	493,975	873,000	57,000	190,000	240,000	250,000	295,000	254,000	
Newfoundland ...	18,050	26,259	1,508,774	967,727	1,192,870	572,804	484,371	12,000	17,000	785,000	500,000	620,000	280,000	240,000	
Burma ...	2,743,675	3,116,074	3,103,356	3,184,478	3,217,430	2,655,173	2,364,000	1,760,000	2,000,000	2,000,000	2,030,000	2,050,000	1,700,000	1,500,000	
India ...	1,581,838	1,942,521	2,105,612	(a)	90,776	48,361	10,453	1,010,000	1,300,000	1,400,000	(a)	(a)	(a)	(a)	
Malayan Union ...	2,250,491	2,575,758	2,362,646	2,250,668	2,128,408	2,193,331	2,038,638	1,485,000	1,700,000	1,560,000	1,490,000	1,400,000	1,450,000	1,350,000	
Australia ...	1,218	1,586	1,189	1,544	2,433	4,988	6,036	500	600	500	600	1,100	2,200	2,600	
New Zealand ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL ...	21,520,000	25,240,000	28,470,000	28,000,000	28,400,000	25,800,000	22,100,000	900,000	926,000	925,000	842,000	810,000	819,000	757,000	
FOREIGN COUNTRIES															
Austria ...	2,605,000	2,766,000	2,936,241	2,608,000	2,716,900	2,835,000	2,621,325	80,000	80,000	80,000	46,000	50,000	56,000	(a)	
Belgium ...	178,063	174,569	78,000	129,000	111,000	125,000	(a)	10,000	(a)	(a)	(a)	(a)	(a)	(a)	
Bulgaria ...	16,506	20,000	30,000	(a)	(a)	(a)	(a)	450,000	(a)	(a)	(a)	(a)	(a)	(a)	
Czecho-Slovakia ...	1,400,000	(a)	(a)	(a)	(a)	(a)	(a)	11,500,000	(a)	(a)	(a)	(a)	(a)	(a)	
France (c) ...	32,651,657	32,471,823	14,195,000	20,563,000	24,801,000	31,430,000	18,603,000	10,000,000	10,000,000	4,500,000	6,800,000	8,000,000	10,000,000	5,800,000	
Germany ...	10,942,200	11,856,000	15,962,000	15,221,000	13,068,000	(a)	(a)	3,064,000	(a)	(a)	(a)	(a)	(a)	(a)	
Greece ...	343,107	302,431	(a)	(a)	(a)	(a)	(a)	170,000	(a)	(a)	(a)	(a)	(a)	(a)	
Hungary ...	844,091	630,200	675,000	(a)	(a)	(a)	(a)	150,000	(a)	(a)	(a)	(a)	(a)	(a)	
Italy ...	989,829	933,022	1,160,794	1,319,240	1,068,000	(a)	(a)	210,000	210,000	604,000	690,000	560,000	(a)	(a)	
Luxemburg ...	5,059,443	5,789,000	4,810,000	6,722,000	5,029,000	5,170,000	2,877,000	515,000	485,000	1,400,000	2,000,000	1,500,000	1,500,000	850,000	
Norway ...	1,402,786	1,319,238	605,728	557,566	280,005	215,541	260,250	1,483,000	1,700,000	1,384,000	361,000	176,000	137,000	167,000	
Poland ...	856,369	(a)	800,000	892,000	796,000	706,000	670,000	265,000	(a)	250,000	280,000	250,000	230,000	210,000	

* For detailed figures see page 143.

(a) Information not available.

(b) In addition bog ore and iron ore (not used for smelting) were produced as follows:—

1938	...	6,454 long tons.
1939	...	7,461 "
1940	...	9,520 "
1941	...	8,733 "
1942	...	9,408 long tons.
1943	...	2,617 "
1944	...	8,157 "

(c) Including Alsace-Lorraine.

PRODUCTION OF IRON ORE (Cont.)

Producing Country	ORE							Estimated Iron Content						
	1938	1939	1940	1941	1942	1943	1944	1938	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)														
Portugal	727	623	296	1,203	212,000	240,000	7	334	100	600	—	—	—	
Romania	136,987	140,759	148,100	164,000	1,580,794	1,562,740	(a)	62,000	67,000	74,000	95,000	108,000	(a)	
Sweden	2,504,251	2,403,036	2,200,786	1,691,830	1,580,794	1,484,764	(a)	1,160,000	1,000,000	780,000	820,000	720,000	680,000	
Switzerland	13,701,655	13,463,294	11,111,053	10,361,636	9,922,670	7,133,556	(a)	8,278,000	6,591,000	6,073,000	5,839,000	6,299,000	4,262,000	
U.S.S.R. (c)	(f) 131,882	(e) 168,874	(c) 232,840	308,847	311,764	281,284	(a)	54,000	60,000	(a)	(a)	(a)	(a)	
U.S.S.R. (c)	27,000,000	(a) 28,000,000	30,000,000	30,000,000	30,000,000	30,000,000	(a)	300,000	300,000	(a)	(a)	(a)	(a)	
Yugoslavia	597,523	656,285	586,331	323,509	324,000	180,624	(a)	1,500,000	852,000	169,000	170,000	92,000	405,000	
Algeria	2,985,582	2,893,842	1,584,316	323,509	324,000	180,624	(a)	300,000	(a)	(a)	(a)	(a)	(a)	
French West Africa	—	10,400	—	1	—	—	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Morocco (French)	261,464	407,432	79,061	1,580	3,200	10,500	(a)	125,000	39,000	700	1,600	5,400	4,400	
Morocco (Spanish)	1,370,468	1,134,491	384,339	545,916	538,786	538,976	(a)	792,000	230,000	320,000	320,000	320,000	400,000	
Mozambique	—	—	—	—	—	—	(a)	680,000	680,000	—	—	—	—	
Tunis	809,070	751,727	338,095	1,030	24,000	29,230	(a)	402,000	400	400	12,000	15,000	44,000	
Cuba	152,099	164,106	157,807	189,805	130,749	46,369	(a)	74,000	71,000	85,000	59,000	21,000	13,000	
Mexico	97,782	141,601	109,033	108,395	128,756	165,492	(a)	104,000	80,000	80,000	94,000	120,000	130,000	
United States (b)	28,756,142	52,440,977	74,832,446	93,687,157	107,103,227	102,783,672	(a)	26,200,000	37,400,000	47,000,000	54,000,000	52,000,000	49,000,000	
Argentina	2,328	3,551	2,461	3,691	876	1,48	(a)	1,800	1,300	2,000	500	80	—	
Brazil	966,872	734,000	584,207	814,652	693,082	779,703	(a)	480,000	380,000	530,000	450,000	510,000	360,000	
Chile	1,581,670	1,589,948	1,720,804	1,669,830	402,768	294,781	(a)	980,000	1,046,000	994,000	240,000	180,000	400,000	
French Indo-China	128,240	132,564	31,930	51,425	62,000	80,000	(a)	66,000	18,000	27,000	33,000	43,000	14,000	
Japan	759,000	823,000	1,026,000	1,248,000	2,026,000	2,463,000	(a)	71,000	(a)	(a)	(a)	(a)	(a)	
Korea	760,000	1,005,000	1,055,000	1,664,000	2,242,000	2,322,000	(a)	380,000	500,000	830,000	1,130,000	1,180,000	1,800,000	
Manchuria (d)	2,670,000	3,000,000	3,800,000	4,300,000	4,800,000	6,820,000	(a)	480,000	690,000	850,000	1,130,000	1,180,000	1,800,000	
Philippine Islands	856,310	1,166,781	1,228,184	(f) 835,595	4,800,000	8,000,000	(a)	650,000	690,000	40,000	12,000	60,000	60,000	
Turkey	75,299	227,663	128,279	59,794	18,743	90,302	(a)	95,000	86,000	40,000	12,000	60,000	—	
New Caledonia	86,800	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
TOTAL	143,000,000	170,000,000	172,000,000	196,000,000	202,000,000	210,000,000	(a)	180,000,000	180,000,000	180,000,000	180,000,000	180,000,000	180,000,000	
World's TOTAL	165,000,000	195,000,000	202,500,000	224,000,000	230,000,000	236,000,000	(a)	202,000,000	202,000,000	202,000,000	202,000,000	202,000,000	202,000,000	

Iron ore is also produced in China.

(a) Information not available.

(b) Usable ore.

(c) Estimated.

(d) U.S. Bureau of Mines "Foreign Minerals Survey."

(e) Exports.

(f) January to October only.

Iron ore up to 35 per cent. Mn.

DETAILS OF PRODUCTION OF IRON ORE IN CERTAIN COUNTRIES

Producing Country	1938	1939	1940	1941	1942	1943	1944
Great Britain—							
West Coast hematite ..	795,053	760,500	780,800	685,800	615,500	596,100	534,800
Jurassic ironstones—							
Lower lias	2,505,378	3,017,000	3,722,100	3,581,900	3,671,800	3,271,400	3,085,800
Middle lias	2,977,053	3,439,400	3,973,500	4,309,200	4,586,800	4,438,200	3,797,000
Inferior oolite	5,243,512	6,907,900	8,762,300	9,937,300	10,635,300	9,852,400	7,869,500
Coal measure ironstones	150,060	153,700	217,700	236,300	186,900	153,500	24,100
Other iron ore (hematite, limonite, etc.)	188,135	207,100	245,400	223,700	209,300	182,100	160,500
South West Africa—							
Limonite	23,484	19,192	(a)	(a)	(a)	(a)	(a)
Union of South Africa—							
Hematite	391,239	408,055	559,710	738,612	648,942	652,783	701,804
Siliceous hematite	72,859	64,873	59,910	32,680	42,700	62,093	39,676
Limonitic hematite	—	621	—	—	—	—	—
Magnetite	33,238	—	—	—	—	—	1,018
Carbonate	—	8,848	9,052	18,900	14,754	11,598	13,763
Bulgaria—							
Hematite	1,940	} (a)	(a)	(a)	(a)	(a)	(a)
Magnetite	14,566						
France—							
By phosphorus content—						(b)	(b)
Less than 0.075%	143,015	176,350	215,905	} (a)	(a)	148,714	128,149
From 0.075% to 1.7% ..	1,970,480	2,100,257	1,119,987		1,209,570	293,431	
Over 1.7%	30,538,162	30,195,216	11,194,108		15,254,293	8,802,161	
Germany—							
Limonite (under 12% Mn)	} 7,297,737	} (a)	(a)	(a)	(a)	(a)	(a)
Limonite (12–30 Mn) ..							
Hematite							
Siderite							
Flux ironstone							
Magnetite	} 1,135,589	}					
Other ores							
Italy—							
Iron ore	974,407	} (a)	(a)	(a)	(a)	(a)	(a)
Manganiferous iron ore	15,422						
Luxemburg—							
Siliceous iron ore	2,656,987	} (a)	(a)	(a)	(a)	(a)	(a)
Calcareous iron ore ..	2,144,144						
Ferruginous limestones..	258,312						
By phosphorus content—							
Under 0.5%	1,774,764	} (a)	(a)	(a)	(a)	(a)	(a)
From 0.5 to under 0.6% ..	258,312						
From 0.6 to 0.7%	3,026,367						
Poland—							
Limonite	113,142	} (a)	(a)	(a)	(a)	(a)	(a)
Argillaceous iron ore ..	745,227						
Portugal—							
Hematite	727	411	296	297	3	1	—
Limonite	—	212	—	906	—	—	—
Magnetite	—	—	—	—	—	—	7
Roumania—							
Limonite, siderite and magnetite	136,748	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Manganiferous iron ore	169,045	175,212	213,555	178,278	185,202	60,644	72,392
Other iron ore	13,532,910	13,388,072	10,897,498	10,183,190	9,737,468	10,588,141	7,066,164

(a) Information not available.

(b) Excluding Alsace-Lorraine.

DETAILS OF PRODUCTION OF IRON ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944			
Sweden—continued										
By phosphorus content (b)—										
Under 0.006% ..	897,869	937,285	926,659	965,976	829,158	863,485	732,493			
0.006% to under 0.04% ..	2,203,170	1,968,727	2,087,285	2,062,079	1,726,831	1,895,987	1,636,727			
0.04% to under 0.1% ..	445,464	602,609	703,751	627,741	752,184	789,429	255,682			
0.1% to under 0.7% ..	3,674,384	2,179,683	1,698,921	1,996,626	1,789,464	2,644,460	1,960,915			
0.7% to under 1% ..	1,341,503	2,777,829	2,481,543	2,362,640	2,290,879	1,442,314	1,204,312			
1% and over ..	5,139,565	5,097,151	3,207,609	2,343,868	2,534,154	3,013,110	1,348,427			
Algeria—										
Non-phosphoric ..	2,985,582	2,893,842	1,584,316	323,509	324,000	180,624	770,050			
United States—										
Ore containing less than 5% Mn—										
Hematite*	25,607,467	47,756,770	68,869,837	} 92,409,579	{ 99,704,591	94,418,034	86,726,870			
Magnetite*	2,476,221	3,377,764	3,890,924					3,541,003	4,549,181	5,578,807
Limonite	363,146	596,733	934,625					1,637,140	1,627,490	1,218,509
Siderite	448	463	513					450	617	611
Pyrite cinder and sinter	—	—	—	—	643,011	652,513	592,908			
Ore containing 5 to under 10% Mn	275,240	469,703	816,541	820,290	1,339,833	1,117,210	1,062,925			
Ore containing 10 to under 35% Mn	33,620	239,544	320,006	457,288	237,199	418,627	265,162			
Argentina—										
Magnetite	2,328	3,531	2,461	3,691	834	148	(a)			
Hematite	—	—	—	—	42	—	(a)			
Turkey—										
Magnetite	19,980	141,014	128,279	59,794	18,743	90,302	89,002			

* A small quantity of hematite is included with magnetite, and a small quantity of magnetite with hematite.

(a) Information not available.

(b) Calculated on a basis of 50% Fe content.

EXPORTS OF IRON ORE

(Domestic Produce)

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	1,286	1,631	1,064	504	461	359	378
Eire—							
Bog ore	298	169	9,912	11,365	13,304	4,333	3,931
Burnt pyrites	25,318	16,737	35,587	9,681	3,278	10,077	8,969
Sierra Leone	861,955	828,560	689,290	1,029,970	623,270	556,515	454,660
Union of South Africa	—	—	132,382	266,598	86,333	—	16
Canada	187	9,411	224,666	251,626	264,250	334,533	275,379
Newfoundland	1,670,686	1,404,000	1,408,934	1,182,180	865,899	269,020	583,179
British India	264,269	264,137	24,858	—	—	—	—
British Malaya (c)	1,531,729	1,945,165	1,935,314	(a)	(a)	(a)	(a)
Australia	144,388	26,236	81	—	—	—	21
FOREIGN COUNTRIES							
Austria	82,931	(e) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	2,014,841	1,619,622	(a)	47,389	6,759	22,922	12,188
Bulgaria	7,479	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia	199,808	(a)	(a)	(a)	(a)	(a)	(a)
Finland	18,508	7,893	—	27	—	2	—
France	15,268,211	13,408,080	3,797,297	4,349,214	8,211,159	9,313,999	4,879,802
Germany	5,301	2,482	776,819	3,063,865	2,223,314	2,563,638	(f) 851,451
Greece	303,662	229,835	26,059	(a)	(a)	(a)	(a)
Hungary (including burnt pyrites)	6,215	8,228	(a)	(a)	(a)	(a)	(a)
Italy	158	(f) —	(a)	(a)	(a)	(a)	(a)
Norway—							
Iron ore	1,473,495	1,163,455	235,287	497,332	559,475	337,018	238,778
Burnt iron pyrites	46,794	45,107	43,889	40,141	25,596	33,144	21,559
Poland	6,719	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	1	295	—	199	1,495	—	—
Roumania (d)	40,618	15,314	10,420	(a)	(a)	(a)	(a)
Spain	(a)	1,241,182	787,579	549,772	660,961	581,486	519,202
Sweden	12,484,807	13,434,885	9,977,115	9,390,218	8,489,002	10,095,122	4,525,783
Switzerland	131,882	168,574	185,142	232,840	217,960	201,969	191,367
U.S.S.R.	(b) 7,086	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia	368,300	378,898	(a)	(a)	(a)	(a)	(a)
Algeria	2,711,110	2,648,686	1,399,797	237,700	455,400	436,800	753,600
French West Africa	21,360	10,400	—	—	—	—	—
Morocco (French)	132,480	495,800	4,500	700	12,200	6,500	7,500
Morocco (Spanish)	1,336,047	(a)	(a)	(a)	448,470	601,081	557,573
Tunis (c)	789,867	687,623	326,016	17,980	53,909	—	2,200
Cuba	97,855	198,968	107,725	107,776	14,487	14	108
Mexico	14,170	8,076	3,439	4,019	3,914	2,594	40,647
United States	591,524	1,057,304	1,386,304	1,907,612	2,515,388	2,424,801	2,158,447
Brazil	362,690	390,669	251,512	414,111	304,042	304,000	202,548
Chile	1,546,088	1,566,883	1,685,747	1,596,080	411,333	(a)	(a)
China	77,392	100,098	226,723	(a)	(a)	(a)	(a)
French Indo-China	87,818	74,367	41,000	37,508	60,100	6,500	—
Japan	3	315	(a)	(a)	(a)	(a)	(a)
Korea	361,358	(g) 395,000	(g) 432,000	(g) 748,000	(g) 654,000	(g) 231,000	(g) 600,000
Netherlands East Indies	4	69	57	(a)	(a)	(a)	(a)
Philippine Islands	896,565	1,136,501	1,172,821	(a)	(a)	(a)	(a)
Turkey	287	—	(a)	(a)	(a)	(a)	(a)
New Caledonia	—	90,054	154,144	46,041	—	—	—

(a) Information not available.

(b) January to November only.

(c) Including re-exports.

(d) Including burnt pyrites.

(e) January to March only.

(f) January to July only.

(g) U.S. Bureau of Mines "Foreign Minerals Survey." Exports to Japan only.

IMPORTS OF IRON ORE

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	5,164,149	5,308,398	4,562,252	2,294,988	1,921,649	1,894,279	2,172,244
Eire	70	7	2,015	5	—	—	—
Canada	1,162,884	1,575,754	2,159,140	2,905,942	2,412,471	3,487,879	2,791,651
Trinidad and Tobago	23	226	10	121	77	—	50
British India	16	49	1	—	—	12	—
FOREIGN COUNTRIES							
Austria	3,456	(d) 722	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	9,245,450	9,953,172	(a)	1,446,824	3,219,506	4,558,258	1,563,662
Czecho-Slovakia	994,917	(a)	(a)	(a)	(a)	(a)	(a)
Finland (b)	2,061	5,325	2,496	7,687	3,338	28,238	52,449
France	430,053	528,483	456,581	116,248	341,863	105,949	(a)
Germany	21,581,224	19,338,691	9,819,912	17,106,444	17,538,923	19,219,931	(e)8,081,146
Hungary (including burnt pyrites)	412,102	434,613	(a)	(a)	(a)	(a)	(a)
Italy	379,699	450,000	250,000	150,000	150,000	(a)	(a)
Netherlands	481,675	476,136	119,878	353,991	282,289	156,887	(a)
Norway	2,200	3,218	345	8,615	18,883	22,613	10,666
Poland	578,759	(a)	(a)	(a)	(a)	(a)	(a)
Roumania (f)	112,521	97,140	50,880	(a)	(a)	(a)	(a)
Spain	(a)	(a)	47,507	83,009	104,746	92,794	101,360
Sweden	103	129	208	157	118	370	99
Switzerland (c)	49,412	55,194	33,047	51,530	102,809	53,073	9,743
Yugoslavia	30	23	(a)	(a)	(a)	(a)	(a)
Tunis	2,400	(a)	(a)	—	287	—	(a)
United States	2,122,455	2,412,515	2,479,326	2,321,159	731,325	399,117	456,739
China	—	310	2,630	(a)	(a)	(a)	(a)
Japan (g)	3,161,000	4,871,000	5,048,000	5,587,000	4,900,000	3,625,000	1,651,000
Netherlands East Indies	28	26	2	(a)	(a)	(a)	(a)
Turkey	258	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total imports.

(c) Including chrome ore, pyrites, burnt pyrites, etc. (mainly pyrites).

(d) January to March only.

(e) January to July only.

(f) Including burnt pyrites.

(g) Including imports from Korea and Manchuria.

PRODUCTION OF PIG-IRON AND FERRO-ALLOYS*

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	6,761,100	7,979,800	8,204,600	7,392,500	7,725,600	7,186,900	6,736,500
Union of South Africa ..	289,700	295,500	299,100	309,100	358,900	479,200	464,100
Canada	761,353	832,106	1,302,226	1,546,792	1,950,028	1,745,860	1,807,099
India	1,570,712	1,758,600	2,012,600	2,042,200	1,850,900	1,759,600	1,443,200
Australia (b)	966,798	(g)1,104,605	(g)1,212,006	1,547,796	(g)1,557,641	1,439,228	(g)1,305,357
TOTAL	10,350,000	11,970,000	13,030,000	12,840,000	13,440,000	12,610,000	11,760,000
FOREIGN COUNTRIES							
Austria	542,466	716,014	659,197	636,223	811,598	996,250	942,014
Belgium	2,387,813	3,010,422	1,761,562	1,399,630	1,249,401	1,604,817	701,336
Czecho-Slovakia	1,214,500	1,583,000	(h)1,185,000	(h)1,117,640	(h)1,121,903	(h)1,181,637	1,535,000
Finland	35,388	33,500	25,600	22,000	28,500	41,800	(a)
France (f)	5,976,593	7,303,874	3,625,000	3,298,000	3,777,000	4,843,000	2,847,000
Germany	17,760,000	17,202,000	13,735,000	15,197,000	15,090,000	15,720,000	13,158,000
Hungary	329,724	402,900	420,100	435,200	411,100	410,900	390,000
Italy	914,177	1,083,000	1,104,000	1,092,000	959,859	(c) 634,000	(c) 227,000
Luxemburg	1,526,212	1,808,838	1,042,000	1,323,000	1,662,000	2,246,000	1,327,000
Netherlands	295,276	(a)	(a)	(a)	(a)	(a)	(a)
Norway	171,004	187,772	145,205	121,347	109,087	142,568	121,791
Poland	948,367	1,252,000	(a)	(a)	(a)	(a)	(a)
Roumania	130,585	115,239	120,000	116,524	159,140	222,919	(a)
Spain	432,949	478,011	(e) 570,242	538,200	530,342	686,306	551,889
Sweden	700,943	679,568	773,804	734,005	756,050	812,534	871,980
U.S.S.R. (c)	14,756,000	15,000,000	15,000,000	(a)	(a)	(a)	(a)
Yugoslavia	58,326	60,141	82,548	(a)	(a)	(a)	(a)
Belgian Congo	600	(a)	(a)	(a)	(a)	(a)	(a)
Mexico	119,158	139,103	91,707	106,810	104,827	144,736	132,504
United States	19,160,861	31,854,551	42,320,115	50,613,039	54,377,950	56,044,595	56,130,534
Brazil	120,420	157,489	182,639	205,497	210,245	244,453	287,555
China (e)	(a)	(a)	106,000	(a)	(a)	(a)	(a)
Japan	2,534,929	3,143,659	3,475,528	4,207,034	4,054,155	3,865,369	2,637,401
Korea (c)	289,871	285,122	234,595	274,035	349,750	475,320	428,082
Manchuria (d)	890,000	1,164,300	1,442,800	1,721,300	2,000,000	1,545,000	2,314,000
Philippine Islands (e) ..	200	(a)	(a)	(a)	(a)	(a)	(a)
Turkey	(a)	12,800	79,700	84,600	64,200	54,500	68,693
TOTAL	71,000,000	88,000,000	88,000,000	95,000,000	95,000,000	102,000,000	100,000,000
WORLD'S TOTAL..	81,000,000	100,000,000	101,000,000	108,000,000	108,500,000	115,000,000	112,000,000

* For details see page 148.

(a) Information not available.

(b) Years ended June 30 of that stated.

(c) Excluding ferro-alloys.

(d) U.S. Bureau of Mines "Foreign Minerals Survey."

(e) Estimate.

(f) Including Alsace-Lorraine.

(g) Excluding direct castings.

(h) Bohemia and Moravia only.

DETAILS OF PRODUCTION OF PIG-IRON AND FERRO-ALLOYS IN CERTAIN COUNTRIES

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Hematite	1,483,600	1,396,100	1,428,200	905,900	963,700	927,200	1,009,200
Basic	3,762,600	5,108,100	5,452,500	5,182,300	5,553,300	5,070,000	4,791,600
Foundry	1,215,800	1,203,500	1,062,100	1,081,800	963,400	1,025,300	740,300
Forge	150,900	167,300	119,000	101,100	69,200	40,400	35,400
Castings	4,300	3,000	2,300	1,000	1,100	400	500
Other kinds of pig-iron	13,700	(b)	(b)	(b)	(b)	(b)	(b)
Spiegeleisen	25,800	} 101,800	} 140,500	} 120,400	} 174,900	} 123,600	} 159,500
Ferro-manganese	104,400						
Ferro-silicon	—						
Canada—							
Basic	557,578	655,560	974,628	1,135,867	1,469,644	1,300,490	1,369,768
Foundry	81,088	71,709	107,924	103,385	142,611	132,726	128,360
Malleable	66,761	28,462	86,286	125,081	151,151	136,667	156,004
Ferro-alloys	55,926	76,375	133,388	182,459	186,622	175,977	152,967
India—							
Basic	984,661	1,123,400	1,387,600	1,484,800	1,307,100	1,349,500	1,129,800
Foundry and forge	564,518	633,600	606,800	525,500	522,600	367,900	307,200
Ferro-manganese	21,533	1,600	18,200	31,900	21,200	42,200	6,200
FOREIGN COUNTRIES							
Belgium—							
Basic	2,200,085	2,818,472	1,681,103	1,303,385	1,130,312	1,450,621	(a)
Forge	55,578	60,834	28,227	34,190	48,728	60,657	(a)
Foundry, hematite	34,674	46,464	} 45,628	} 45,835	} 55,568	} 84,396	} (a)
do. phosphoric	90,153	71,582					
Ferro-alloys	7,323	13,070	6,604	16,220	14,793	9,143	(a)
Finland—							
Pig-iron	27,108	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Ferro-alloys	8,280						
France—							
Phosphoric (over 1% P)—							
Basic	4,693,720	5,695,834	2,841,226	2,772,506	3,078,142	4,035,375	2,383,954
Foundry	586,051	584,811	143,019	185,833	177,615	207,263	98,928
Other kinds	467	4,399	—	—	—	—	—
Semi-phosphoric (from 0.12% to 1% P)—							
Foundry	} 89,346	} 124,295	} 12,932	} 12,060	} 21,650	} (c) 36,539	} (c) 14,729
Open hearth, basic							
Hematite (less than 0.12% P)—							
Foundry	195,739	348,778	323,637	148,405	114,337	80,767	58,109
Open hearth	229,453	325,187	208,740	125,793	155,288	194,428	6,889
Bessemer	9,050	10,905	—	571	181	8,649	6,673
Other pig-iron	—	—	—	36,111	179,579	218,855	142,557
Spiegeleisen	74,371	80,803	51,228	1,938	37,073	49,848	31,993
Ferro-manganese	53,777	69,126	34,801	14,513	11,805	11,571	3,776
Ferro-silicon	22,287	29,600	44,575	(a)	(a)	(c) 18,405	(c) 62,556
Other ferro-alloys	22,332	30,136	22,322	(a)	(a)	(c) 8,113	(c) 3,664
Germany—							
Hematite	778,000	864,000	630,000	664,000	734,000	968,000	918,000
Basic	11,923,000	11,476,000	8,752,000	10,016,000	9,974,000	10,681,000	8,884,000
Foundry	912,000	939,000	700,000	788,000	753,000	760,000	536,000
Forge, etc.	325,000	328,000	315,000	409,000	426,000	239,000	189,000
Special pig-irons and ferro-alloys	3,822,000	3,595,000	3,338,000	3,320,000	3,203,000	3,072,000	2,631,000

(a) Information not available.

(b) Included with "Foundry".

(c) Excluding Alsace-Lorraine.

DETAILS OF PRODUCTION OF PIG-IRON AND FERRO-ALLOYS (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Italy—							
Pig-iron	850,881	(a)	(a)	(a)	(a)	(a)	(a)
Spiegeleisen	21,407						
Ferro-manganese	19,802						
Ferro-silicon	11,082						
Ferro-silico-manganese	2,153						
Ferro-chrome	2,864						
Ferro-titanium	143						
Ferro-tungsten	181						
Ferro-vanadium	62						
Ferro-molybdenum	249						
Ferro-silico-aluminium	190						
Other ferro-alloys	5,163						
Luxemburg—							
Basic	1,514,443	1,795,226	(a)	(a)	(a)	(a)	(a)
Foundry	11,769							13,612
Norway—							
Pig-iron	37,519	42,910	36,777	48,701	47,839	46,934	38,021
Ferro-silicon	41,519	38,914	38,434	53,446	53,859	82,901	65,274
Other ferro-alloys	91,966	105,948	69,994	19,200	7,389	12,733	18,496
Poland—							
Open hearth	58,959	(a)	(a)	(a)	(a)	(a)	(a)
Foundry	111,138						
Acid	749,396						
Castings	199						
Ferro-alloys	28,675						
Spain—							
Pig-iron	432,949	469,442	570,242	528,944	528,364	670,349	543,144
Ferro-manganese		5,146		6,706	7,858	11,657	8,745
Ferro-silicon		3,423		2,550	4,116	4,300	(a)
Sweden (b)—							
Open hearth, acid	218,890	180,402	226,212	205,419	163,173	170,257	170,411
do. basic	101,415	95,645	187,732	179,659	191,649	205,675	257,200
Bessemer, acid	16,240	19,711	13,537	5,717	24,175	25,956	29,901
do. basic	169,130	187,359	181,250	199,750	209,672	227,709	215,389
Foundry-hematite	45,094	42,484	28,638	35,037	39,733	36,338	36,525
do. phosphoric	44,792	51,703	41,478	45,591	47,969	53,811	87,337
do. other	7,613	9,953	6,148	6,252	4,352	15,112	2,094
Forge	44,121	35,568	36,519	14,635	33,984	33,287	29,124
Castings	10,065	11,042	11,841	11,040	11,333	11,701	11,884
Spiegeleisen	659	670	2,149	517	2,054	4,417	4,612
Ferro-manganese	2,368	2,289	5,960	3,396	1,454	2,239	1,897
Ferro-silicon	14,124	15,438	15,334	11,868	12,163	13,643	14,047
Ferro-silico-manganese	5,019	6,785	2,031	3,357	8,607	5,926	4,785
Ferro-chrome	18,978	18,655	13,953	10,892	5,123	5,881	6,263
Ferro-titanium	—	1	14	93	69	44	53
Ferro-tungsten	1,911	1,454	570	443	172	197	148
Ferro-molybdenum	465	307	219	205	150	90	26
Ferro-vanadium	57	97	71	7	53	109	93
Other ferro-alloys	2	6	144	127	165	144	192

(a) Information not available.

(b) In addition the following amounts of other alloys were produced:—

Metallic silicon	1,366	914	959	2,326	2,548	5,188	983
Silico-calcium	—	—	16	37	—	—	792
Silico-chrome	—	—	—	1,253	—	—	2
Metallic chrome	—	—	—	13	2	6	—

DETAILS OF PRODUCTION OF PIG-IRON AND FERRO-ALLOYS (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States—							
Basic	12,888,079	22,712,382	30,346,192	35,499,858	38,868,629	40,513,091	40,969,650
Bessemer	2,903,947	5,139,112	6,594,928	8,502,092	8,808,232	9,159,632	8,711,461
Low phosphorus	149,754	191,811	400,854	423,596	502,386	481,100	423,827
Foundry	1,570,582	1,706,132	2,046,585	2,465,024	2,273,687	1,838,840	1,955,965
Forge	687	3,393	3,205	959	—	—	—
Malleable	1,002,435	1,237,801	1,636,072	2,158,158	2,142,429	2,136,822	2,227,374
Other pig-iron	30,585	88,549	107,580	147,233	151,015	165,755	182,651
Ferro-manganese and spiegeleisen							
	290,790	404,977	666,871	651,794	700,985	717,521	722,891
Ferro-silicon							
	282,521	323,534	445,386	651,532	786,467	824,509	748,164
Other ferro-alloys							
	41,480	46,860	72,442	112,793	144,120	207,325	188,551
Japan (b)—							
Pig-iron	2,428,527	3,019,987	3,336,395	4,079,629	4,016,297	3,738,241	2,523,187
Ferro-chrome	14,982	13,775	14,485	20,887	21,322	31,329	19,682
Ferro-manganese	69,194	66,672	79,886	67,470	85,332	62,150	56,285
Ferro-molybdenum	661	1,393	1,774	972	537	359	310
Ferro-phosphorus	—	—	2,702	1,354	1,523	1,139	962
Ferro-silicon	20,189	29,531	36,295	32,861	25,334	23,120	30,095
Ferro-titanium	—	—	197	220	101	246	280
Ferro-tungsten	1,456	2,460	3,222	2,902	2,118	3,165	1,542
Ferro-vanadium	—	—	575	737	405	288	176

(a) Information not available.

(b) In addition the following metals were produced (long tons) :—

	1943	1944
Metallic manganese	2,329	2,120
Metallic silicon	2,717	2,762

PRODUCTION OF STEEL INGOTS AND CASTINGS*

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	10,397,900	13,221,300	12,975,300	12,312,200	12,941,700	13,031,200	12,142,200
Union of South Africa ..	341,400	361,900	357,300	333,800	340,700	411,500	475,900
Canada	1,155,190	1,384,870	2,012,294	2,421,563	2,776,653	2,682,254	2,693,002
India	936,493	1,050,000	1,291,900	1,408,200	1,343,300	1,402,200	1,368,900
Australia (c)	1,166,075	1,204,830	1,323,377	1,684,008	1,699,793	1,707,198	1,592,935
TOTAL	14,000,000	17,220,000	17,900,000	18,160,000	19,100,000	19,230,000	18,270,000
FOREIGN COUNTRIES							
Austria	662,653	774,433	748,648	774,987	861,373	985,570	979,000
Belgium	2,243,213	3,055,124	1,863,960	1,598,204	1,358,500	1,643,733	620,562
Czecho-Slovakia	1,710,000	2,256,000	(i)1,598,000	(i)1,633,453	(i)1,622,349	(i)1,704,958	2,457,000
France (h)	6,040,212	7,782,760	4,343,379	4,241,792	4,417,455	5,046,108	3,042,906
Germany	22,268,000	22,123,000	18,811,000	20,480,000	20,137,000	20,405,000	18,005,000
Hungary	638,000	721,100	738,700	769,300	772,100	764,100	638,000
Italy	2,270,961	2,284,000	2,201,359	2,022,563	1,879,047	260,000	1,063,000
Latvia	2,598	(a)	(a)	(a)	(a)	(a)	(a)
Luxemburg	1,413,818	1,734,337	1,022,000	1,225,000	1,541,000	2,117,000	1,249,000
Poland	1,526,583	(a)	(a)	(a)	(a)	1,480,000	1,380,000
Roumania	272,165	263,071	257,000	(a)	(b) 290,000	345,000	(a)
Spain	567,407	578,061	688,151	566,896	593,334	643,365	603,837
Sweden	956,669	1,133,721	1,126,979	1,138,133	1,208,622	1,194,824	1,178,526
U.S.S.R.	17,500,000	18,500,000	18,800,000	20,700,000	(a)	(a)	(a)
Mexico	72,471	75,600	93,300	93,300	93,300	173,600	178,400
United States (d)	28,349,991	47,141,709	59,805,970	73,963,624	76,814,224	79,318,314	80,037,143
Brazil	99,960	112,293	138,848	152,605	157,093	181,414	215,840
Japan (g)	6,366,547	6,588,463	6,746,477	6,728,139	6,986,259	7,987,060	6,725,162
Korea (f)	135,238	160,000	185,000	210,000	235,000	370,000	606,000
Manchuria (f)	476,628	533,000	592,000	647,000	704,000	1,170,000	1,390,000
Turkey	—	—	36,900	33,000	49,300	42,100	59,820
TOTAL	93,600,000	117,000,000	120,000,000	138,000,000	135,000,000	140,000,000	140,000,000
WORLD'S TOTAL	107,600,000	134,000,000	138,000,000	156,000,000	154,000,000	160,000,000	158,000,000

* For details see page 152.

(a) Information not available.

(b) Estimated.

(c) Years ended June 30 of that stated.

(d) Excluding steel castings which were produced by companies not manufacturing steel ingots.

(e) Included with Germany.

(f) U.S. Bureau of Mines "Foreign Minerals Survey."

(g) Excluding steel castings.

(h) Including Alsace-Lorraine.

(i) Bohemia and Moravia only.

DETAILS OF PRODUCTION OF STEEL INGOTS AND CASTINGS IN CERTAIN COUNTRIES

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ingots—							
Open hearth, acid ..	1,665,000	2,096,100	2,099,300	1,740,700	1,532,300	1,343,200	1,115,400
do. basic ..	7,730,900	9,693,100	9,262,000	8,933,700	9,376,900	9,542,100	9,084,500
Bessemer, acid ..	163,900	232,800	175,600	97,900	95,500	72,100	85,400
do. basic ..	430,600	701,600	738,000	695,800	726,400	731,300	708,500
Electric ..	159,500	212,400	309,300	411,500	638,700	726,400	546,700
Castings, electric ..	63,200	79,600	126,100	161,300	221,000	265,600	248,400
All other ingots and castings ..	184,800	205,700	265,000	271,300	350,900	350,500	353,300
Canada—							
Ingots, open hearth ..	1,047,203	1,259,231	1,823,167	2,137,587	2,342,725	2,218,343	2,248,120
do. electric ..	55,891	71,177	121,101	178,048	299,154	323,386	317,834
Castings—							
Open hearth, basic ..	15,525	15,601	18,826	26,251	23,774	25,799	31,279
Bessemer ..	759	834	2,025	3,010	5,817	3,574	2,205
Electric ..	35,812	38,027	47,130	76,667	105,181	111,152	93,564
India—							
Ingots—							
Open hearth, basic ..	929,171	1,010,681	1,238,477	1,325,919	1,239,860	1,274,652	1,215,035
do. acid ..		9,934	8,916	9,890	31,120	57,835	68,728
Electric ..	3,309	21,200	33,500	58,000	58,600	54,300	65,400
Castings ..	4,013	8,200	11,000	14,400	13,700	15,400	19,800
FOREIGN COUNTRIES							
Belgium—							
Ingots, open hearth ..	278,452	328,026	266,562	306,128	309,602	332,888	(a)
do. Bessemer, basic ..	1,875,888	2,621,748	1,512,765	1,214,314	982,198	1,255,167	(a)
do. electric ..	23,148	38,788	29,467	22,046	18,661	15,855	(a)
Castings, open hearth ..	31,780	23,552	55,165	55,716	48,039	39,821	26,977
do. Bessemer ..	25,461	31,869					
do. electric ..	8,484	11,141					
France—							
Ingots and castings—							
Bessemer, acid ..	46,819	48,782	50,514	56,751	53,141	49,880	26,742
do. basic ..	3,674,274	4,659,701	2,155,216	2,181,179	2,540,186	3,215,292	1,963,293
Open hearth, acid ..	18,040	40,407	21,332	—	—	—	—
do. basic ..	1,977,802	2,516,379	1,642,244	1,615,880	1,468,582	1,427,206	812,802
Crucible ..	6,737	14,980	5,072	2,818	2,224	2,742	1,821
Electric ..	316,540	502,511	469,001	385,164	353,370	350,999	238,249
Of which—							
Ingots, ordinary ..	5,358,384	6,695,915	3,158,190	4,088,400	4,275,400	4,927,000	2,978,000
do. special ..	534,611	837,520	614,342				
Castings, ordinary ..	106,132	149,152	232,804	152,600	141,700	118,100	65,000
do. special ..	41,085	100,173	37,183				
Germany—							
Ingots—							
Open hearth ..	11,633,000	11,282,000	9,991,000	10,346,000	9,896,000	9,389,000	8,338,000
Bessemer, basic ..	9,162,000	9,035,000	6,728,000	7,776,000	7,744,000	8,034,000	6,673,000
Electric ..	686,000	900,000	976,000	1,144,000	1,256,000	1,504,000	1,488,000
Castings—							
Open hearth ..	439,000	479,000	481,000	502,000	461,000	457,000	390,000
Bessemer ..	167,000	223,000	350,000	371,000	440,000	584,000	629,000
Electric ..	181,000	204,000	284,000	341,000	341,000	438,000	488,000

(a) Information not available.

DETAILS OF PRODUCTION OF STEEL INGOTS AND CASTINGS (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Italy—							
Ingots	2,181,325	(a)	(a)	(a)	(a)	(a)	(a)
Castings	89,636	(a)	(a)	(a)	(a)	(a)	(a)
Luxemburg—							
Ingots, open hearth ..	348	853	} (a)	} (a)	} (a)	} (a)	} (a)
do. Bessemer, basic	1,367,411	1,683,007					
do. electric	46,059	50,480					
Poland—							
Open hearth	1,468,197	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Electric	39,105						
Castings	19,281						
Spain—							
Open hearth	(a)	397,792	} (a)	} (a)	} (a)	} (a)	} (a)
Bessemer	(a)	169,386					
Electric	(a)	7,865					
Sweden—							
Open hearth, acid ..	216,179	238,960	215,252	205,367	191,485	180,526	162,525
do. basic	401,713	492,176	500,272	498,158	557,492	557,036	557,513
Bessemer, acid	11,912	15,543	6,414	4,018	9,410	12,644	9,157
do. basic	103,785	97,599	89,299	97,650	111,140	102,550	104,692
Crucible	407	472	536	343	442	266	81
Electric	222,673	288,971	315,206	332,599	338,652	341,801	344,559
United States—							
Ingots—							
Open hearth, acid ..	194,845	390,453	455,744	770,012	946,746	1,053,321	890,942
do. basic	25,666,719	42,668,538	54,305,180	65,386,570	67,041,632	68,844,881	70,600,455
Bessemer	1,880,661	2,999,032	3,311,226	4,980,421	4,958,414	5,022,761	4,499,931
Crucible	6	831	914	2,065	1,795	130	22
Electric	468,610	849,573	1,517,862	2,561,836	3,548,696	3,994,087	3,689,021
Castings (b)—							
Open hearth, acid ..	77,492	35,658	54,498	71,332	86,103	209,121	176,611
do. basic	25,244	128,387	160,545	191,388	230,837	90,716	85,522
Electric	36,414	69,237	82,120	98,790	116,771	103,297	94,639
Japan—							
Ingots—							
Open hearth	5,622,598	5,713,909	5,680,080	5,526,710	5,589,064	5,794,442	3,990,451
Electric	743,949	874,554	1,066,396	1,201,430	1,397,195	2,192,618	2,734,711

(a) Information not available.

(b) Excluding steel castings which were produced by companies not manufacturing steel ingots.

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Pig-iron—							
Forge and foundry ..	44,304	45,398	16,756	728	1,395	3,347	2,554
Acid	25,690	23,474	1,345	135	—	—	—
Basic	23,947	4,408	456	—	—	—	6
Spiegeleisen and ferro-manganese	5,197	3,513	5,492	17,305	3,617	797	150
Ferro-tungsten	517	461	488	1,248	154	14	16
Other ferro-alloys ..	1,048	640	870	1,188	221	940	617
Iron and steel ingots ..	411	340	233	104	1	—	—
Blooms, billets and slabs—							
Iron	196	29	34	15	53	6	6
Steel	8,994	3,801	7,225	78	265	1,725	326
Special steel	142	208	91	12	23	1	4
Old and scrap	186,319	107,267	1,427	916	222	50	77
Eire—							
Old and scrap	25,527	24,970	28,770	12,085	2,122	1,061	878
Mauritius—							
Old and scrap	2,446	(a)	(a)	(a)	(a)	(a)	(a)
Union of South Africa—							
Pig-iron, etc.	103	994	1,093	985	2,294	2,829	4,589
British West Indies—							
Trinidad and Tobago—							
Old and scrap	7	—	6,190	360	42	—	—
Canada—							
Pig-iron	10,546	10,728	3,672	339	381	391	5,087
Ferro-silicon	12,492	21,449	52,604	65,453	66,562	67,618	53,926
Spiegeleisen	—	35,183	18,654	6,978	2,100	2,904	3,356
Other ferro-alloys ..	16,866	819	13,515	49,353	49,289	54,928	36,334
Billets, ingots and blooms	66,430	72,151	148,078	144,682	31,125	6,961	21,287
Old and scrap	76,002	83,783	2,912	25,079	51,204	94,408	60,986
British India (b)—							
Pig-iron	525,488	557,133	627,375	581,713	243,246	204,593	180,521
Ferro-manganese	—	—	4	1	1	4,133	703
Old and scrap (including re-exports)	80,849	97,429	62,181	463	—	—	—
British Malaya (including re-exports)—							
Pig-iron	34	66	298	(a)	(a)	(a)	(a)
Scrap	3,318	2,047	3,529	(a)	(a)	(a)	(a)
Burma—							
Old and scrap	4,581	4,942	4,295	(a)	(a)	(a)	(a)
Ceylon—							
Old and scrap	153	—	(a)	(a)	(a)	(a)	(a)
Hong-Kong (including re-exports)—							
Pig-iron	986	672	703	(a)	(a)	(a)	(a)
Tool steel	290	195	62	(a)	(a)	(a)	(a)
Old and scrap	9,387	6,594	6,003	(a)	(a)	(a)	(a)
Palestine—							
Old and scrap	7,913	5,480	1,653	—	—	—	—
Australia—							
Pig-iron	7,855	81,147	11,428	12,815	42,283	6,856	11,394
Ingots, blooms, billets, etc.	6,805	70,178	151,677	80,049	14,741	7,723	12,881
Old and scrap	64,196	97,023	59,071	74	3,685	2,134	2,228

(a) Information not available.

(b) Includes trade by land as recorded.

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Austria (b)—							
Pig-iron	8,333	1,649	} (a)	(a)	(a)	(a)	(a)
Ferro-silicon	1,267	26					
Other ferro-alloys	36	2					
Iron ingots, blooms and billets	6,506	5,626					
Steel ingots, blooms and billets	2,677	7,505					
Old and scrap	4,847	—					
Belgium-Luxemburg E.U.—							
Pig-iron and ferro alloys	181,401	126,233	(a)	489	285	5,815	5
Crude iron ingots	124	1,163	(a)	37	15	2	—
Steel ingots	12,831	261	(a)	81	806	641	299
Steel blooms and billets	172,229	443,984	(a)	19,496	15,303	1,163	10,879
Special steel	2,210	2,098	(a)	111	194	49	74
Old and scrap	449,526	444,191	(a)	92,478	13,242	1,812	686
Bulgaria—							
Old and scrap	14	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Pig-iron—							
Foundry	23,082	} (a)	(a)	(a)	(a)	(a)	(a)
Other	1,007						
Spiegeleisen	1,892						
Other ferro-alloys	12,963						
Billets of cast iron	50,070						
Billets, blooms and bars of puddled iron	10,705						
Steel ingots	12,427						
Old and scrap	1,556						
Denmark—							
Old and scrap	85,489	87,723	53,563	43,277	30,797	25,395	10,039
Estonia—							
Old and scrap	7,202	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Pig-iron and ferro-alloys	14,942	17,987	1,697	1,054	565	5,664	10,021
Old and scrap	43	424	66	439	97	68	2
France—							
Pig-iron—							
Forged or refined	514,938	439,944	83,720	120,706	70,600	147,595	(a)
Spiegeleisen	4,541	1,786	747	1,225	728	—	—
Ferro-manganese	13,645	8,158	1,926	723	141	537	2,135
Ferro-silicon	5,719	7,236	1,611	533	366	22	224
Ferro-chrome	1,493	1,067	334	2	1,160	29	10
Other ferro-alloys	1,483	2,446	1,460	251	712	386	88
Ingots	8,148	1,561	192	199	583	12	1,221
Blooms and billets, forged or rolled	171,523	221,272	62,932	12,408	8,710	39,845	50,710
Tool steel	2,090	1,241	232	164	187	143	22
Machine iron or steel	61,027	93,769	19,547	4,826	18,040	5,696	13,210
Other special steel	3,290	2,197	1,996	2,564	3,963	5,619	6,007
Old, filings and scrap	437,900	372,696	7,882	176,223	118,097	15,989	7,615
Germany—							
Pig-iron	60,918	75,994	93,785	251,712	318,751	248,834	(d) 105,388
Ferro-manganese	4,578	8,301	4,926	6,918	9,650	8,367	(d) 5,563
Ferro-silicon, etc.	51	327	45	1,590	2,759	4,940	(d) 2,046
Other ferro-alloys (c)	1,401	1,864	717	2,623	10,028	21,004	(d) 9,030
Rough blooms, bars, ingots, etc.	94,659	152,976	175,934	684,352	832,036	498,919	(d) 76,144
Old and scrap	17,645	129,071	27,379	175,313	202,528	426,352	(d) 220,432

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) May contain some ferro-silicon.

(d) January to July only.

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Greece—							
Old and scrap	10,115	2,368	36	(a)	(a)	(a)	(a)
Hungary—							
Ingots and blooms	28,872	23,221	(a)	(a)	(a)	(a)	(a)
Italy—							
Pig-iron	13	(b) 26	}	(a)	(a)	(a)	(a)
Ferro-manganese	10	(b) —					
Other ferro-alloys	4	(b) 1					
Steel ingots, blooms and sheet bar	54	(b) 7					
Old and scrap	—	(b) 94					
Latvia—							
Old and scrap	312	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Old and scrap	1,103	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Pig-iron and ferro-alloys	214,116	169,263	68,635	64,183	57,739	—	}
Ingots, blooms and billets	3	17	728	—	156	5,432	
Old and scrap	229,034	205,651	105,637	112,755	52,140	16,977	
Norway—							
Pig-iron—electric	26,894	27,624	13,576	9,893	5,610	13,829	14,763
Ferro-chrome	11,421	15,441	13,217	6,165	2,219	6,167	5,226
Ferro-manganese	36,982	66,332	30,279	14,564	1,550	299	1,225
Ferro-silicon	32,412	40,342	27,199	43,287	42,467	68,187	53,798
Ferro-silico-manganese	12,688	21,925	15,331	14,620	5,936	13,792	7,671
Other ferro-alloys	(a)	368	190	305	29	13	—
Steel ingots	2,835	781	376	29	—	—	12
Old and scrap	15,380	7,285	99	59	23	100	114
Poland—							
Pig-iron	8,915	}	(a)	(a)	(a)	(a)	(a)
Ferro-manganese	1,299						
Ferro-chrome	93						
Ferro-silicon	548						
Other ferro-alloys	10						
Blooms and billets	2,662						
Old and scrap	388						
Portugal							
Old and scrap	17,593	15,342	13,300	12,284	14,369	6,074	3,309
Roumania—							
Pig-iron	3,843	591	—	(a)	(a)	(a)	(a)
Spain—							
Pig-iron	(a)	(c) 8,475	5,482	24,315	9,312	2,625	2,928
Ferro-silicon	(a)	(a)	246	—	—	—	—
Iron and steel ingots and blooms	(a)	(a)	180	417	736	956	75
Old and scrap	(a)	(a)	23	13	4,723	8	5
Sweden—							
Pig-iron	92,980	116,542	77,590	63,084	44,776	35,416	10,122
Sponge iron	4,526	6,395	3,715	4,854	8,009	7,376	6,130
Ferro-manganese and spiegeleisen	1,097	1,295	798	610	32	29	—
Ferro-silicon	10,699	14,598	7,206	12,115	8,678	12,861	5,414
Ferro-silico-manganese	3,882	6,806	197	931	108	46	—
Ferro-chrome	11,072	14,388	4,362	5,216	878	15	—
Ferro-tungsten	1,510	1,021	66	32	4	5	—
Other ferro-alloys	344	402	71	57	41	50	—

(a) Information not available.

(b) January to July only.

(c) April to December only.

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden—continued.							
Steel ingots	3,742	5,998	1,487	1,236	199	—	—
Steel blooms	783	733	877	197	525	374	98
Tool steel	639	623	766	958	718	440	97
Other special steel ..	5,362	5,204	5,503	2,304	808	431	543
Old, filings and scrap ..	17,624	5,493	4,470	178	172	100	32
Switzerland—							
Ferro-chrome and ferro-silicon	943	713	3,039	773	105	21	597
Old, filings and scrap ..	76,005	43,100	29,383	32,592	722	418	—
U.S.S.R.—							
Pig-iron	(b) 2,414	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ferro-chrome	1,505	1,593	}	(a)	(a)	(a)	(a)
Ferro-manganese	2,588	2,183					
Ferro-silicon	2,584	1,993					
Iron ingots	20	1,089					
Special steel	71	81					
Scrap and filings	2	—					
Algeria—							
Old, filings and scrap ..	18,884	(a)	(a)	(a)	(a)	(a)	(a)
Egypt (including re-exports)							
Scrap	27,145	8,261	257	—	—	—	—
Cuba—							
Old and scrap	48,807	26,204	—	44,816	18,653	14,763	11,063
Mexico—							
Pig-iron	116	20	—	—	(a)	(a)	(a)
United States—							
Pig-iron	432,851	177,024	553,871	516,547	98,792	128,812	145,070
Ferro-manganese and spiegeleisen	247	2,923	13,036	4,603	6,450	11,449	715
Ferro-chrome	}	(c)	(c)	(c)	4,982	2,107	475
Ferro-molybdenum					2,719	498	1,966
Ferro-vanadium					230	198	532
Ferro-silicon					4,334	25,860	2,217
Ferro-tungsten					119	461	1,051
Ferro-titanium					377	672	707
Other ferro-alloys	1,197	4,042	24,405	16,882	309	370	165
Steel ingots, slabs, blooms, billets and sheet bars	167,641	215,778	2,520,025	2,066,558	1,961,093	1,842,861	988,143
Old and scrap	2,974,375	3,558,551	2,791,419	793,160	121,910	47,300	80,874
Tin plate scrap and waste	19,749	19,336	24,780	9,252	3,306	106	3,264
Argentina—							
Ingots	6	1	8	1	—	—	—
Brazil—							
Pig-iron	(a)	23,044	21,797	34,395	6,039	17,674	4,175
Ferro-manganese	(a)	1	—	192	876	1,576	1,209
Ferro-nickel	(a)	(a)	(a)	434	49	—	53
Ferro-silicon	(a)	1	(a)	(a)	(a)	(a)	500
Chile—							
Ingots	10	964	735	1,313	591	2,908	2,156
Colombia—							
Old and scrap	(a)	5,077	(a)	3,481	(a)	(a)	(a)
Uruguay—							
Old and scrap	2,978	6,578	785	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to September only.

(c) Included, if any, with "Other ferro-alloys."

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
China—							
Pig-iron	3,921	—	—	} (a)	(a)	(a)	(a)
Old and scrap	23,376	21,392	10,098				
French Indo-China—							
Pig-iron	32	51	} (a)	(a)	(a)	(a)	(a)
Old and scrap	1,114	54					
Iran (b)—							
Ingots, old and scrap ..	3,658	269	64	129	261	303	(a)
Korea—							
Pig-iron (c)	212,000	218,000	162,000	136,000	137,000	265,000	241,000
Netherlands East Indies—							
Old and scrap	59,650	46,480	66,497	(d) 36,868	(a)	(a)	(a)
Philippine Islands—							
Old and scrap	3,916	3,890	6,189	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Old and scrap	3,923	1,847	90	—	—	6	(a)
Turkey—							
Old and scrap	868	1,590	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended March 20 of the year following that stated. Figures for 1938 are for the nine months ended March 20, 1939. Including re-exports.

(c) U.S. Bureau of Mines "Foreign Minerals Survey."

(d) January to October only.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Pig-iron—							
Charcoal	39,926	47,321	16,934	—	1,066	—	—
Forge and foundry ..	80,367	40,889	122,127	216,540	50,680	3,441	—
Acid	18,165	—	74,518	133,099	5,413	100,385	65,122
Basic	223,409	254,142	458,687	621,838	299,014	258,020	219,896
Other pig-iron	5,534	12,023	3,702	—	—	—	—
Spiegeleisen and ferro- manganese	2,876	4,430	4,458	2,428	2,705	3,888	84
Ferro-silicon	24,431	36,022	55,167	48,433	38,054	88,392	34,646
Ferro-chrome	10,385	14,681	19,583	26,897	16,890	28,254	11,274
Other ferro-alloys ..	439	17,166	14,970	21,107	9,309	14,501	9,569
Iron and steel ingots ..	22,608	23,455	488,153	561,543	480,442	498,095	297,862
Blooms, billets, slabs—							
Iron	150	148	2,877	400	—	806	—
Steel	315,015	369,878	1,254,258	1,362,295	884,209	845,753	693,533
Special steel	1,815	2,954	64,364	162,203	208,785	90,373	5,784
Old and scrap (b) ..	632,178	604,774	937,159	548,985	15,336	4,577	31,808
Eire—							
Pig-iron	5,577	7,566	4,012	939	150	2,749	2,301
Crude iron and steel ..	128	163	229	113	254	58	77
Old and scrap	339	772	132	205	147	15	430
Anglo-Egyptian Sudan—							
Pig-iron	(£2)	(£378)	(£364)	(£247)	(£467)	99	6
Bars and billets	1,136	1,679	1,215	698	230	1,500	716
Mauritius—							
Pig-iron	41	56	34	3	14	82	60
Crude steel	3	8	3	1	—	—	—
Northern Rhodesia—							
Pig, ingots, etc.	36	90	57	1,234	1,003	584	308
Southern Rhodesia—							
Pig, ingots, etc.	274	608	1,366	1,305	1,628	4,361	4,843
Tool and drill steel ..	545	684	462	654	234	484	446
South West Africa—							
Pig-iron	—	—	21	—	10	—	10
Union of South Africa—							
Pig-iron and steel ingots	8,249	4,128	23,646	67,787	5,919	2,982	1,021
Ferro-silicon	807	1,385	1,826	543	455	51	—
Ferro-manganese	662	316	388	155	100	162	—
Other ferro-alloys	506	690	1,192	1,213	664	284	52
Tool and drill steel ..	5,719	4,465	5,145	4,661	815	445	542
British West Indies—							
Jamaica—							
Pig-iron	(£396)	(£449)	(£398)	(£96)	—	(£1,750)	(£640)
Trinidad and Tobago—							
Pig-iron	21	1	—	1	1	3	3
Ingots, etc.	5	2	5	295	30	2	2

(b) Excluding ships intended for breaking up as follows:—

Year	Long tons
1938	181,152
1939	18,998
1940	11,491
1941	3,400
1942	Nil
1943	Nil
1944	18,475

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Canada—							
Pig-iron	2,122	587	26,480	4,222	1,371	6,355	7,604
Sponge iron	90	2	—	—	—	—	—
Ferro-alloys	749	1,373	2,337	7,392	4,410	16,535	873
Ingots, blooms and billets	9,635	9,312	24,575	102,493	176,678	152,508	29,987
Scrap	88,732	158,539	371,412	264,215	102,604	33,052	63,786
Newfoundland (b)—							
Pig-iron and ferro-alloys	67	(£915)	(£2,896)	(£2,248)	(c) (£2,730)	(£2,407)	292
Aden—							
Pig-iron	11	5	10	3	10	—	5
British India—							
Pig-iron	2,412	1,940*	1,182	489	147	—	—
Ingots, blooms and billets	25,672	39,182	20,712	2,490	2	18,457	26,894
Tool steel	162	157	247	55	38	26	11
Ferro-alloys	4,203	3,323	4,444	3,633	3,676	1,061	2,871
Old and scrap (total imports)	2,738	6,195	2,509	2,204	1,712	2,489	3,364
British Malaya (total imports)—							
Pig-iron	2,285	2,513	9,719	(a)	(a)	(a)	(a)
Scrap	1,104	641	417	(a)	(a)	(a)	(a)
Burma—							
Pig-iron	297	776	675	(a)	(a)	(a)	(a)
Scrap	10	—	1	(a)	(a)	(a)	(a)
Ceylon—							
Pig-iron	623	1,021	(a)	(a)	(a)	(a)	(a)
Cyprus—							
Pig-iron	108	} (a)	(a)	(a)	(a)	(a)	(a)
Old and scrap	101						
Hong Kong (total imports)—							
Pig-iron	1,217	2,355	3,879	(a)	(a)	(a)	(a)
Tool steel	143	120	136	(a)	(a)	(a)	(a)
Old and scrap	4,776	2,014	943	(a)	(a)	(a)	(a)
Palestine—							
Pig-iron	562	1,289	192	762	1,339	2,299	483
Old and scrap	230	21	113	178	26	296	13
Australia—							
Pig-iron	110	64	56	—	988	106	—
Ferro-alloys	4,289	4,648	5,714	2,768	944	1,319	945
Ingots and billets of high grade carbon alloy steels	422	158	29	4	9	20	—
Ingots, blooms, billets, etc.	143	155	39	97	81	68	26
Scrap	16	738	50	14	—	—	5
New Zealand—							
Pig-iron	8,312	8,235	8,276	13,359	9,259	7,481	12,277
Billets and blooms	9,064	989	7,902	14,143	11,607	13,089	2,940
Special steel	101	646	129	192	206	(a)	(a)

(a) Information not available.

(b) Years ended June 30 following for 1938 to 1941 and March 31 subsequently.

(c) Nine months ended March 31, 1943.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Austria (b)—							
Pig-iron	15,740	14,844					
Ferro-chrome	2,252	—					
Ferro-manganese	1,834	126					
Ferro-molybdenum	41						
Ferro-silicon	350						
Ferro-tungsten	351	985	(a)	(a)	(a)	(a)	(a)
Other ferro-alloys	993						
Iron ingots, blooms and billets	132	1,088					
Steel ingots, blooms and billets	145	297					
Old and scrap	43,166	50,624					
Belgium-Luxemburg E. U.—							
Pig-iron	108,641	153,963	(a)	46,825	32,036	27,118	21,076
Ferro-alloys	7,214	10,063	—	—	—	—	—
Crude iron ingots	160	116	(a)	85	241	582	83
Steel ingots	157	69	(a)	10	478	308	15
Steel blooms and billets	15,204	9,024	(a)	35	5,174	6,622	775
Special steel	3,785	3,513	(a)	1,460	2,017	1,154	702
Old and scrap	103,666	79,238	(a)	1,009	1,490	4,276	828
Bulgaria—							
Pig-iron	5,698	(a)	(a)	(a)	(a)	(a)	(a)
Old and scrap	75						
Czecho-Slovakia—							
Pig-iron—							
Foundry	2,887						
For refining or puddling	1,515						
Spiegeleisen	5,709						
Other ferro-alloys	4,603	(a)	(a)	(a)	(a)	(a)	(a)
Steel ingots	84						
Billets of cast iron	306						
Billets, blooms, bars of puddled iron	25,416						
Old and scrap	119,330						
Denmark—							
Pig-iron	43,376	56,848	23,123	27,399	23,375	21,912	23,557
Ferro-alloys	647	1,043	595	3,206	3,326	3,808	3,908
Old and scrap	490	1,996	578	401	399	459	407
Estonia—							
Pig-iron	3,409	(a)	(a)	(a)	(a)	(a)	(a)
Ferro-alloys	1						
Finland (total imports)—							
Pig-iron	28,549	40,281	13,059	16,854	15,424	14,570	1,124
Billets	17,827	29,114	4,280	2,276	3,004	346	1,901
Ferro-manganese and spiegeleisen	822	1,438	511	444	858	1,908	888
Other ferro-alloys	118	442	44	465	493	204	44
Old and scrap	12,117	38,517	484	3,460	2,370	4,025	3,083
France—							
Pig-iron—hematite	29,166	38,082	9,296	—	212	4	371
do. other	2,679	1,441	4,838	719	16,588	1,627	205
Spiegeleisen	298	553	—	—	2,738	27,337	22,786
Ferro-manganese	682	1,313	24	—	39	356	1,109
Ferro-silicon	316	20	1,121	123	14	2,458	1,005
Ferro-chrome	27	2	—	1	4	286	355
Other ferro-alloys	359	547	100	2	36	95	71
Ingots	13	1	594	3	1,181	6,648	2,359

(a) Information not available.

(b) Figures for 1939 are for January to March only.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—continued.							
Blooms and billets, rolled or forged	975	629	8,695	3,244	6,749	7,438	1,240
Tool steel	541	366	47	131	438	571	251
Machine iron or steel	1,166	451	1,908	11,567	28,225	17,086	2,437
Other special steel	4,475	7,224	11,944	3,331	3,568	5,153	3,009
Old, filings and scrap	13,736	35,297	17,297	8,283	7,995	65,892	12,739
Germany—							
Pig-iron	437,884	464,107	87,361	207,183	205,571	237,356	(c) 73,712
Ferro-manganese	190	527	15,418	9,136	13,159	654	(c) 252
Ferro-silicon, etc.	17,907	18,036	22,061	58,134	48,068	68,225	(c) 35,454
Other ferro-alloys (b)	8,739	12,365	10,535	14,425	8,109	6,609	(c) 1,411
Rough blooms, ingots, bars, etc.	81,398	84,657	48,101	84,248	74,692	370,301	(c) 58,933
Old and scrap	1,127,927	500,492	372,415	1,084,653	915,315	309,723	(c) 32,113
Greece—							
Pig-iron	11,275	11,905	3,610	(a)	(a)	(a)	(a)
Hungary—							
Pig-iron and ferro-alloys	10,534	8,705	} (a)	} (a)	} (a)	} (a)	} (a)
Ingots and blooms	2,663	75					
Tool and special steel	1,554	2,211					
Old and scrap	63,501	119,072					
Iceland—							
Pig-iron	29	33	—	—	—	—	—
Italy—							
Pig-iron	67,675	40,000	50,000	170,000	140,000	(a)	(a)
Spiegeleisen	98	(c) 20	} (a)	} (a)	} (a)	} (a)	} (a)
Ferro-chrome	851	(c) 532					
Ferro-manganese	17	(c) 53					
Ferro-molybdenum	199	(c) —					
Other ferro-alloys	164	(c) 126					
Steel ingots	4,181	(c) 10					
Steel blooms and sheet bar	10,019	(c) 5,463					
Old and scrap	622,809	(c) 442,216					
Latvia—							
Pig-iron and ferro-alloys	10,993	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Iron blooms and loops	2,058						
Old, filings and scrap	7,416						
Lithuania—							
Pig-iron	4,483	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Pig-iron and ferro-alloys	17,479	18,962	5,051	633	1,380	2,589	} (a)
Ingots, blooms, billets, etc.	19,944	34,259	9,658	331	3,078	20,241	
Old and scrap	22,469	22,681	5,013	3,182	101	2,958	
Norway—							
Pig-iron	11,877	26,401	10,299	1,649	4,756	3,548	6,093
Ferro-tungsten and ferro-vanadium	48	77	14	—	—	—	7
Other ferro-alloys	13	30	27	6	4	47	225
Steel ingots	47	20	15	—	—	—	—
Alloyed steel	659	842	333	731	1,312	652	494
Old and scrap	6,844	6,891	4,933	2,462	86	9,341	9,137

(a) Information not available.

(b) May contain some ferro-silicon.

(c) January to July only.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Pig-iron	3,625	}	(a)	(a)	(a)	(a)	(a)
Ferro-manganese	272						
Ferro-silicon	55						
Ferro-chrome	43						
Other ferro-alloys	1,415						
Blooms and billets	24,083						
Old and scrap	420,011						
Portugal—							
Iron and steel ingots	8,962	9,658	5,360	3,802	1,290	2,805	4,316
Old and scrap	473	393	230	116	30	1,034	113
Roumania—							
Pig-iron	6,059	3,094	3,278	}	(a)	(a)	(a)
Ferro-alloys	3,358	3,460	4,018				
Ingots, blooms and billets	101,455	106,530	54,644				
Tool steel	1,270	1,747	1,414				
Old and scrap	72,608	42,107	6,175				
Spain—							
Pig-iron	(a)	(a)	—	60	672	—	—
Ferro-manganese	(a)	(a)	802	—	295	15	—
Other ferro-alloys	(a)	(a)	47	111	35	48	92
Special steel	(a)	(a)	142	55	1,277	1,271	617
Old and scrap	(a)	(a)	91,175	16,217	8,708	12,909	3,282
Sweden—							
Pig-iron	74,485	193,739	85,354	71,905	70,398	68,673	20,095
Spiegeleisen and ferro-manganese	9,592	7,808	6,718	87	13	17	10
Ferro-chrome	1,323	2,405	1,354	396	111	35	25
Ferro-silicon and ferro-silico-manganese	94	535	668	291	283	145	126
Ferro-tungsten	10	62	5	1	—	—	—
Other ferro-alloys	200	216	162	77	165	178	77
Tool steel	9	—	1	4	1	—	—
Old, filings and scrap	24,154	167,540	38,284	17,223	20,263	10,839	5,521
Switzerland—							
Pig-iron, steel billets, blooms, etc.	94,616	149,387	92,378	39,819	63,038	24,423	38,308
Ferro-chrome and ferro-silicon	2,388	2,974	2,804	762	234	173	94
Old, filings and scrap	1,532	13,611	172	248	717	792	628
U.S.S.R.—							
Ferro-alloys	(b) 1,078	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ferro-manganese	735	11	}	(a)	(a)	(a)	(a)
Ferro-silicon	4	4					
Pig-iron and other ferro-alloys	15,457	8,383					
Iron ingots, blooms and billets	13,262	2,824					
Crude steel	1,152	2					
Special steel	1,052	1,433					
Old, filings and scrap	34,812	31,271					
Algeria—							
Pig-iron	1,039	}	(a)	(a)	(a)	(a)	(a)
Spiegeleisen and ferro-alloys	47						
Ingots, blooms and billets	286						
Tool and special steel	82						

(a) Information not available.

(b) January to September only.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—(cont.)							
Machine iron and steel	1,831	}	(a)	(a)	(a)	(a)	(a)
Old, filings and scrap ..	2,420		(a)	(a)	(a)	(a)	(a)
Belgian Congo—							
Iron and steel, crude ..	372	353	(a)	(a)	(a)	(a)	(a)
Egypt—							
Pig-iron and spiegeleisen	4,660	3,487	1,346	192	2,529	1,357	731
Ferro-alloys	16	21	6	2	4	—	1
Ingots, billets, etc. ..	212	—	—	—	—	4	91
Special steel	947	687	299	248	137	295	1,450
Scrap (total imports) ..	1,239	1,216	671	568	210	702	1,049
Madagascar—							
Blooms, billets, etc. ..	3,158	(a)	1,195	334	(a)	89	(a)
Morocco (Spanish)—							
Ingots	111	(a)	(a)	(a)	(a)	(a)	(a)
Tunis—							
Pig-iron	113	(a)	(a)	495	307	—	}
Steel ingots and billets ..	3	(a)	(a)	—	—	—	
Tool steel	23	(a)	(a)	28	26	—	
Old and scrap	484	(a)	(a)	75	3	1	
Cuba (total imports)—							
Iron ingots	33	59	91	31	566	40	285
Mexico—							
Pig-iron	95	82	519	651	}	(a)	(a)
Ferro-manganese	208	1,122	1,711	1,322			
Other ferro-alloys	527	678	522	439			
Steel ingots, blooms and billets	—	—	200	597	}	(a)	(a)
Scrap	19,470	25,249	32,202	27,187			
United States—							
Pig-iron	30,403	38,592	10,242	3,281	(a)	1,290	5,159
Spiegeleisen	17,248	38,264	15,585	4,233	1,777	2,905	3,358
Ferro-chrome	175	194	1	123	520	418	1,004
Ferro-manganese	26,258	41,227	10,369	6,278	13,189	2,055	3,697
Ferro-silicon	5,325	8,203	9,158	16,304	13,683	9,416	20,219
Ferro-zirconium, etc. ..	109	357	238	—	—	—	—
Sponge iron	519	1,879	610	23	—	—	—
Bar-iron, slabs, blooms, etc.	504	931	641	(a)	1	3	1
Steel ingots, blooms, etc.	765	754	4	3,559	6,457	3,008	71
Scrap	24,453	29,502	1,969	64,085	82,240	128,023	97,048
Tin plate scrap	(a)	(a)	(a)	22,600	24,082	19,567	17,323
Argentina—							
Ferro-manganese	(a)	(a)	(a)	(a)	1,147	1,723	1,143
Ferro-silicon	(a)	(a)	(a)	(a)	1,296	1,284	1,087
Ingots	27,840	55,003	27,735	27,677	7,924	22,625	17,584
Old and scrap	65	241	74	283	1,280	884	1,046
Brazil (total imports)—							
Pig-iron	845	}	}	(a)	(a)	(a)	(a)
Special steel	1,483						
Filings	72						
Chile—							
Ingots	2,479	1,465	3,948	1,867	1,452	}	(a)
Ferro-chrome	41	53	14	9	64		
Ferro-manganese	320	675	440	466	1,106		
Ferro-silicon	51	123	146	84	179		
Old and scrap	234	24	21	52	572		
Colombia—							
Pig-iron and scrap	343	855	257	415	1	111	(a)
Peru—							
Pig-iron	382	1,195	317	1,335	10	1,207	1,742

(a) Information not available.

IMPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Uruguay—							
Pig-iron and scrap ..	2,614	2,400	2,205	(a)	(a)	(b) 911	(b) 2,356
Ferro-manganese and silicon	57	36	142	(a)	(a)	180	380
China—							
Pig-iron	10,421	21,504	12,547	}	(a)	(a)	(a)
Ferro-manganese ..	21	80	79				
Ingots, blooms, billets, etc.	200	885	1,164				
Special steel	2,459	2,844	4,376	}	(a)	(a)	(a)
Old and scrap	5,215	5,274	3,380				
French Indo-China—							
Pig-iron and ferro-alloys	2,137	2,118	}	(a)	(a)	(a)	(a)
Machine iron or steel ..	4,928	8,763					
Tool steel	66	50					
Special steel	39	6					
Old, filings and scrap ..	102	481					
Iran (c)—							
Ingots, etc. old and scrap	—	188	271	187	31	3	—
Japan (total imports)—							
Pig-iron (d)	1,055,000	912,000	841,000	772,000	864,000	98,000	653,000
Old and scrap (d)	1,337,000	2,515,000	1,369,000	200,000	38,000	25,000	73,000
Netherlands East Indies—							
Iron ingots	3,518	4,347	5,081	(e) 6,217	}	(a)	(a)
Old and scrap	578	574	1,310				
Philippine Islands—							
Pig-iron	1,109	(a)	(a)	(a)	(a)	(a)	(a)
Siam—							
Pig-iron	1,470	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Pig-iron	191	471	832	—	—	—	—
Old and scrap	426	764	46	—	68	229	1,221
Turkey—							
Iron ingots and blocks ..	4,490	2,448	}	(a)	(a)	(a)	(a)
Steel ingots and blocks	—	2					
Old and scrap	24	229					

(a) Information not available.

(b) Pig-iron only.

(c) Years ended March 20 of year following that stated. Figures for 1938 are for the nine months ended March 20, 1939. Total imports.

(d) U.S. Bureau of Mines. Include imports from Korea and Manchuria.

(e) January to October only.

LEAD

PRODUCTION OF LEAD ORE

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	29,745	16,550	13,595	7,968	5,396	4,167	3,969
Nigeria	296	—	—	—	1	—	—
Northern Rhodesia (h) ..	296	160	288	372	1,100	1,245	1,030
Southern Rhodesia	40	116	46	—	3	3	296
South West Africa (d) ..	17,700	21,498	3,179	—	—	—	—
Tanganyika Territory	—	—	7	—	15	—	7
Union of South Africa ..	125	57	97	188	22	179	129
Canada (b)	187,021	173,468	210,647	205,432	228,635	198,241	135,974
Newfoundland	31,275	27,061	29,195	29,608	25,006	32,420	29,193
Burma	87,600	(e) 88,291	(e) 89,978	(e) 82,673	(f) 55,158	(a)	(a)
Australia	274,384	280,003	287,729	289,436	263,183	206,376	189,485
TOTAL	628,000	607,000	635,000	616,000	579,000	443,000	360,000
FOREIGN COUNTRIES							
Bulgaria	335	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia (g) ..	2,900	2,900	3,000	2,800	2,300	2,300	2,100
Finland	85	(a)	(a)	(a)	(a)	(a)	(a)
France	4,153	5,325	2,406	3,814	5,682	5,447	4,134
Germany	94,000	93,000	100,000	98,000	103,000	98,000	100,000
Greece	4,108	(a)	(a)	(a)	(a)	(a)	(a)
Italy	40,000	43,000	45,000	42,000	34,000	(j) 13,000	3,000
Norway	144	—	—	—	31	112	121
Poland	10,000	(a)	(i)	(i)	(i)	(i)	(a)
Portugal	2	5	1	8	15	26	246
Roumania	6,293	5,575	(a)	(a)	(a)	(a)	(a)
Spain (smelter)	31,307	25,581	45,265	42,323	37,884	33,543	30,482
Sweden	8,484	8,531	9,866	9,873	9,344	11,201	15,896
U.S.S.R. (smelter) (c) ..	67,000	74,000	75,000	80,000	90,000	100,000	100,000
Yugoslavia	83,000	68,000	68,000	(a)	(a)	(a)	(a)
Algeria	5,194	3,337	2,322	1,152	690	385	1,064
Belgian Congo	4,552	5,833	1,529	381	1,159	477	624
French Equatorial Africa ..	2,300	3,600	4,500	4,300	2,700	3,400	2,800
Morocco (French)	20,000	25,545	22,784	10,423	6,633	6,806	9,847
Tunis	18,412	17,878	12,086	12,480	7,630	2,328	6,053
Guatemala (estimated) ..	40	50	40	50	40	50	40
Mexico (b)	277,909	216,039	193,154	152,807	193,907	214,680	182,355
United States (b)	330,113	369,624	408,386	411,988	443,071	404,744	372,197
Argentina	24,324	30,839	29,525	26,098	26,317	17,424	18,700
Bolivia (exports)	12,960	13,902	11,479	15,406	12,284	11,207	8,904
Brazil	569	620	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Amount estimated as recoverable.

(c) Estimated.

(d) Years ended March 31 following.

(e) Year ended June 30 of that stated.

(f) Nin emonths ended March 31, 1942.

(g) American Bureau of Metal Statistics.

(h) Smelter.

(i) Included with Germany.

(j) January to June only.

PRODUCTION OF LEAD ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Chile	907	154	2	28	(a)	(a)	(a)
Ecuador	—	1	246	140	—	150	400
Peru	57,127	45,552	49,642	49,257	44,172	47,055	51,672
Uruguay	—	7	(a)	(a)	(a)	(a)	(a)
China (c)	6,889	5,905	4,921	1,300	1,200	600	(a)
Japan	12,000	12,000	11,400	14,900	19,400	22,400	17,000
Korea (smelter) (b)	6,000	(a)	(a)	(a)	5,102	6,589	1,811
Netherlands East Indies	30	40	30	(a)	(a)	(a)	(a)
Philippine Islands (estimated)	210	40	(a)	(a)	(a)	(a)	(a)
Saudi Arabia	(a)	4	13	8	10	(a)	(a)
Turkey	7,100	9,000	(a)	(a)	(a)	(a)	(a)
TOTAL	1,140,000	1,110,000	1,110,000	1,020,000	1,090,000	1,050,000	950,000
WORLD'S TOTAL	1,770,000	1,720,000	1,750,000	1,640,000	1,670,000	1,490,000	1,210,000

(a) Information not available.

(b) U.S. Bureau of Mines.

(c) American Bureau of Metal Statistics.

METAL PRODUCTION OF LEAD

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	9,800	12,900	10,200	10,100	5,400	4,800	3,300
Northern Rhodesia	273	160	288	372	1,100	1,245	1,030
South-West Africa	3,163	(b) 3,452	(b) 668	—	—	—	—
Canada	178,912	170,151	196,507	203,596	217,238	199,885	127,305
Burma	80,200	77,180	(f) 79,530	(f) 76,591	(g) 50,140	(a)	(a)
Australia (d)	222,583	243,025	231,025	235,463	257,284	189,635	155,852
TOTAL	495,000	507,000	518,000	526,000	531,000	396,000	287,000
FOREIGN COUNTRIES							
Austria	9,133	4,473	3,211	5,280	4,904	4,815	4,646
Belgium	86,630	94,671	30,313	8,740	15,984	7,400	7,000
Czecho-Slovakia	(e) 5,000	(e) 5,000	(h)	(h)	(h)	(h)	(h)
France	41,517	41,338	24,504	22,853	12,265	12,232	1,893
Germany	(c) 173,200	153,000	149,000	149,000	125,000	156,000	127,000
Greece	3,916	3,771	(a)	(a)	(a)	(a)	(a)
Hungary	150	(a)	(a)	(a)	(a)	(a)	(a)
Italy	43,336	38,205	36,326	36,408	28,318	(j) 12,200	(a)
Norway	318	316	121	38	—	—	—
Poland	19,667	(e) 24,000	16,331	16,483	16,053	15,261	15,583
Roumania	5,566	4,871	(a)	(a)	(a)	(a)	(a)
Spain	31,307	25,581	45,265	42,323	37,884	33,543	30,482
Sweden (i)	—	—	—	—	227	2,257	10,387
U.S.S.R. (estimated)	65,000	74,000	75,000	80,000	90,000	100,000	100,000
Yugoslavia	8,484	10,484	32,429	(a)	(a)	(a)	(a)
Tunis	23,414	22,568	26,200	17,303	8,080	1,836	5,250
Mexico	227,269	210,300	188,948	148,779	189,941	209,097	175,454

(a) Information not available.

(b) Year ended March 31, following.

(c) Includes some secondary.

(d) Includes base bullion as follows :—

Year	Long tons.
1938	40,369
1939	43,588
1940	42,159
1941	21,987
1942	50,355
1943	9,006
1944	—

(e) Estimated.

(f) Year ended June 30 of year stated.

(g) Nine months ended March 31, 1942.

(h) Included with Germany.

(i) Recovery of secondary from scrap was as follows :—

Year	Long tons
1938	5
1939	4
1940	129
1941	—
1942	89
1943	1,335
1944	359

(j) January to June only.

METAL PRODUCTION OF LEAD (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States (c)	325,738	397,874	461,275	486,324	490,046	419,179	414,882
Argentina	10,039	13,757	12,661	17,736	20,432	23,535	21,272
Peru	28,029	23,926	30,639	32,352	37,316	42,489	38,292
French Indo-China	10	5	8	3	2	16	50
Japan	16,026	14,000	13,510	15,262	16,229	20,901	19,848
Korea (b)	6,000	(a)	(a)	(a)	5,102	6,589	1,811
TOTAL	1,130,000	1,190,000	1,165,000	1,110,000	1,120,000	1,090,000	1,010,000
WORLD'S TOTAL	1,625,000	1,700,000	1,680,000	1,640,000	1,650,000	1,490,000	1,300,000

(a) Information not available.

(b) U.S. Bureau of Mines.

(c) Recovery of secondary lead was as follows :—

Year	Long tons
1938	200,804
1939	215,625
1940	232,452
1941	354,836
1942	288,394
1943	305,441
1944	295,907

EXPORTS OF LEAD, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	14,645	4,483	356	253	181	71	44
Pig-lead	6,577	5,636	1,142	304	134	333	428
Sheets and pipes	5,542	5,099	4,655	2,227	2,725	4,449	2,940
White lead	4,496	5,091	4,365	4,089	1,223	2,136	2,157
Litharge, red lead, etc.	8,319	8,763	5,933	5,755	2,863	2,117	2,396
Eire—							
Ore	129	59	283	111	94	72	31
Northern Rhodesia—							
Pig, bar and ingot	(a)	(a)	(a)	(a)	(a)	791	588
South West Africa—							
Copper-lead ore (<i>Pb content</i>) (<i>d</i>)	12,600	10,680	3,890	—	3,954	7,863	—
Pig-lead	3,326	2,614	1,864	—	698	—	—
Union of South Africa—							
Ore	43	—	—	—	—	—	—
Pig, ingot and sheets	14	18	21	77	23	6	6
Canada—							
Ore (<i>Pb content</i>)	3,197	3,663	8,187	5,908	5,294	5,121	8,482
Pig-lead, etc.	138,332	161,367	135,309	164,540	188,199	137,810	91,857
White lead	31	115	23	66	211	92	167
Newfoundland (<i>b</i>)—							
Concentrates	41,771	42,897	48,169	24,659	(c) 41,088	42,561	32,352
British India—							
Pig-lead	—	—	—	13	163	5	5
British Malaya (including re-exports)—							
Pig-lead	74	71	89	(a)	(a)	(a)	(a)
Sheets and pipes	3	4	7	(a)	(a)	(a)	(a)
Burma—							
Pig-lead and refined lead	83,921	80,465	58,623	(a)	(a)	(a)	(a)
Ceylon—							
Tea-lead	1	—	(a)	(a)	(a)	(a)	(a)
Hong Kong (including re-exports)—							
Pig-lead	399	1,228	331	(a)	(a)	(a)	(a)
Australia—							
Ores and concentrates (<i>Pb content</i>) (<i>f</i>)	29,235	26,410	38,252	17,233	26,788	19,319	22,577
Pig-lead	213,015	213,892	191,326	140,321	267,162	120,105	171,741
Sheets and pipes	722	500	1,423	3,149	933	270	665
White lead	476	669	789	834	1,456	1,067	396
FOREIGN COUNTRIES							
Austria (<i>e</i>)—							
Pig-lead, scrap and alloys	2,858	686	} (a)	(a)	(a)	(a)	(a)
Bars, sheets, rods, etc. ..	86	1					
Red and white lead, etc.	478	99					
Belgium-Luxemburg E.U.—							
Ore	4,189	1,296	(a)	—	—	—	—
Pig-lead and scrap	66,468	69,570	(a)	2,053	7,905	5,263	5,397
Sheets, bars, pipes and wire	6,518	5,501	(a)	79	3	47	30
Red and white lead, etc.	3,175	4,252	(a)	203	7	67	37

(a) Information not available.

(b) Years ended June 30 of year following for 1938 to 1941 and ended March 31 subsequently.

(c) Nine months ended March 31, 1943.

(d) Years ended March 31 of year following that stated.

(e) Figures for 1939 are for January to March only.

(f) Years ended June 30 of year following that stated.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1942	1944
FOREIGN COUNTRIES							
Czecho-Slovakia—							
Pig-lead, ashes, scrap and alloys	269	} (a)	(a) ^a	(a)	(a)	(a)	(a)
Sheets, pipes, etc. ..	50						
Red and white lead, etc.	11						
Denmark—							
Pig-lead, scrap and alloys	2,191	2,528	411	264	213	307	276
Sheets and pipes ..	30	2	—	—	—	—	—
France—							
Ore, matte and slag ..	10,567	5,117	369	4,282	1,529	116	201
Pig-lead, including argen- tiferous and antimonial	2,836	9,558	2,270	2,256	2,352	3,068	15
Scrap	723	4	3	86	1,349	4,400	1,922
Sheets, etc.	150	811	637	178	373	63	(a)
Red and white lead, etc.	1,284	1,827	979	102	81	1	(a)
Germany—							
Ore	311	—	—	—	1	—	(c) —
Pig-lead, alloys and scrap	532	1,879	4,619	10,022	27,518	14,405	(c) 4,782
Sheets, pipes, wire, etc.	2,520	2,802	625	2,565	1,997	1,866	(c) 835
Red and white lead ..	10,815	9,102	3,621	5,311	4,320	3,193	(c) 1,131
Greece—							
Pig-lead	679	239	(a)	(a)	(a)	(a)	(a)
Hungary—							
Bars, sheets, pipes and wire	2	28	(a)	(a)	(a)	(a)	(a)
Italy—							
Ore	3,281	2,246	3,347	2,068	5,378	(a)	(a)
Pig-lead, scrap and alloys	36	(b) 10	} (a)	(a)	(a)	(a)	(a)
Sheets, pipes, wire and alloys	306	(b) 211					
Red and white lead ..	1,929	(b) 1,049					
Latvia—							
Red and white lead, etc.	828	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Pig-lead and scrap ..	18	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Pig-lead and scrap ..	1,900	1,641	1,278	445	661	905	} (a)
Sheets and wire ..	1,555	1,697	79	—	—	—	
Red and white lead ..	781	389	46	—	—	10	
Norway—							
Ore	269	—	—	—	—	—	320
Pig-lead, ashes and scrap	1,847	371	92	10	3	2	60
Sheets, tubes and wire ..	91	84	223	165	—	—	—
Poland—							
Ore and slag	210	} (a)	(a)	(a)	(a)	(a)	(a)
Pig-lead, bars and scrap	89						
Red and white lead, etc.	158						
Spain—							
Ore	(a)	—	—	—	—	1	1,028
Pig-lead and scrap ..	(a)	(c) 1,298	4,728	8,960	9,413	10,968	7,512
Sheets, wire, etc. ..	(a)	(a)	195	1,451	940	480	505
Sweden—							
Ore	14,603	11,667	8,192	20,611	8,722	8,086	195
Pig-lead and scrap ..	2,769	1,559	1,437	320	244	103	86
Sheets and pipes ..	16	17	1	1	2	5	—
Red and white lead, etc.	26	38	44	27	47	75	—

(a) Information not available.

(b) January to July only.

(c) April to December only.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Switzerland—							
Ores, etc.	371	273	17	10	—	—	—
Pig-lead, scrap, etc.	181	142	—	—	—	—	—
Sheets and pipes	26	10	—	1	—	—	—
U.S.S.R.—							
Pig-lead, sheets and scrap	(b) 72	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ore	88,983	65,599	(a)	(a)	(a)	(a)	(a)
Pig-lead	5,550	6,960					
Algeria—							
Ore	8,719	5,679	2,933	2,384	(a)	217	832
Pig-lead and scrap	967	(a)	(a)	(a)			
Red and white lead	8		(a)	(a)			
Belgian Congo—							
Ore	6,334	1,102	(a)	(a)	(a)	(a)	(a)
French Equatorial Africa—							
Ore	2,707	2,852	2,935	—	11,761	3,644	—
Morocco (French)—							
Ore, matte and slag	21,142	31,347	17,883	8,400	11,900	5,502	15,875
Morocco (Spanish)—							
Ore	543	(a)	(a)	(a)	(a)	(a)	(a)
Tunis (including re-exports)							
Ore	617	—	—	3	18	—	(a)
Pig-lead and bars	20,189	22,361	24,000	15,694	7,464	2,903	2,253
Mexico—							
Ores and concentrates	71,598	15,876	8,197	7,584	(a)	(a)	(a)
Pig-lead, refined	205,080	155,480	152,167	125,119			
Base bullion	12,663	44,179	15,390	21,047			
Pig-lead, antimonial	276	2,654	1,155	1,605			
Pb content (c)	246,906	203,789	170,015	151,108			
United States—							
Ore, mattes and base bullion	(a)	(a)	(a)	(a)	(a)	1,200	—
Pig-lead, bars, etc.	40,952	66,421	21,210	12,820	1,732	1,789	13,860
Sheets and pipes		917	771	1,473	844	1,556	1,003
Red and white lead, etc.		3,492	4,844	3,823	7,821	5,035	8,499	7,037
Argentina—							
Ore	20,494	21,379	26,923	15,846	1,919	2	—
Ingots, bars and sheets	5	112	124	246	133	56	18
Bolivia—							
Ore, etc. (Pb content)	12,960	13,890	11,479	15,407	12,284	11,207	8,904
Brazil—							
Ore	856	932	291	—	(a)	(a)	—
Chile—							
Ores and concentrates	2,946	86	—	101	—	—	—
Ecuador—							
Concentrates	(a)	(a)	380	3,000	600	200	650
Peru—							
Ore and concentrates (Pb content)	28,804	20,125	13,586	12,217	6,180	4,866	10,401
Pig-lead and scrap (Pb content)	28,217	20,647	22,900	41,739	36,543	20,738	56,463
China—							
Ore	11	—	—	(a)	(a)	(a)*	(a)
Pig-lead	249	105	105				
Red and white lead, etc.	60	181	125				

(a) Information not available.

(b) January to September only.

(c) Total metal content of the above items and *not* additional.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French Indo-China—							
Ore, etc.	17	3	(a)	(a)	(a)	(a)	(a)
Japan—							
Sheets and plates	1,088	1,014	} (b) 1,300 }	} (a) }	(a)	(a)	(a)
Tubes	579	252					
Red lead	604	1,658					
White lead	21	293					
Korea—							
Pig-lead	5,722	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Scrap	356	143	57	(a)	(a)	(a)	(a)
Philippine Islands—							
Ore	213	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Ore	6,499	10,228	} (a) }	(a)	(a)	(a)	(a)
Pig-lead	98	—					

(a) Information not available.

(b) U.S. Bureau of Mines.

IMPORTS OF LEAD, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore and concentrates ..	182	1,230	684	1,326	—	2,600	—
Pig-lead	382,148	334,298	336,521	139,344	235,502	226,519	224,889
Sheets and pipes ..	2,537	1,483	3	—	—	—	—
White lead	4,238	2,761	—	1	2	—	12
Litharge, red lead, etc.	2,742	2,030	1	—	8	—	—
Eire—							
Pig-lead	2,176	2,005	785	43	125	125	1,421
Sheets and pipes ..	1,042	927	588	226	23	83	160
Red and white lead, etc.	743	1,173	547	657	137	357	232
Gambia—							
Sheets, bars, etc. ..	(£19)	1	—	—	—	1	—
Gold Coast—							
Bars, sheets, etc. ..	172	177	152	(a)	(a)	(a)	96
Kenya and Uganda—							
Bars and sheets	16	18	9	41	146	53	106
Mauritius—							
Pig-lead, bars and sheet	22	11	12	5	7	19	21
Nigeria—							
Bars and sheets	58	70	76	48	80	4	59
Northern Rhodesia—							
Sheets and foil	8	12	6	319	116	—	1
White lead	4	6	5	1	—	—	—
Sierra Leone—							
Bars and sheets	11	7	11	7	(a)	(a)	12
Southern Rhodesia—							
Pig-lead, bars, sheets and foil	69	48	90	167	265	612	228
Red and white lead ..	29	(a)	(a)	(a)	(a)	(a)	(a)
South West Africa—							
Bars, sheets and pipes ..	12	9	8	1	1	1	—
Red and white lead ..	1	12	1	1	1	—	—
Tanganyika Territory—							
Bars, sheets and pipes ..	11	—	2	—	1	4	1
Union of South Africa—							
Pig-lead and bars	4,060	3,884	4,431	4,593	4,569	3,353	3,528
Sheets and pipes	381	381	344	51	470	209	189
Foil	41	57	28	524	229	10	1
Litharge red and white lead	1,738	2,019	2,146	2,322	1,610	2,338	1,839
British West Indies—							
Jamaica—							
Pig-lead, etc.	(£768)	(£442)	(£357)	(£1,727)	(£527)	(£509)	(£185)
Trinidad and Tobago—							
Pig-lead	45	5	10	14	88	2	4
White-lead	36	33	78	60	25	12	37
Canada—							
Pig-lead and scrap	25	7	137	236	10	10	12
Bars, sheets and pipes ..	37	70	25	34	3	4	6
White lead, red lead and litharge	1,197	1,217	1,211	1,333	936	1,316	1,737
Newfoundland (b)—							
Bars, pipes and sheets ..	(£662)	(£970)	(£1,476)	(£1,038)	(c) (£1,558)	(£2,210)	79

(a) Information not available.

(b) Years ended June 30 of year following for 1938 to 1941 and March 31 subsequently.

(c) Nine months ended March 31, 1943.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941*	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Aden—							
Ore	29	48	7	3	2	5	—
Red and white lead ..	—	2	1	2	—	—	—
British India—							
Ore	297	213	97	222	192	—	6
Pig-lead, bars, etc. ..	6,154	8,524	13,575	16,155	4,226	—	1
Sheets, pipes and tubes	1,145	722	1,261	1,178	677	322	14
Tea lead	—	1	29	111	87	86	—
Lead, (government stores)	219	1,378	1,183	503	—	284	1
Litharge, red and white lead, etc.	1,073	858	742	1,041	451	66	272
British Malaya (total imports)—							
Pig-lead	304	624	332	(a)	(a)	(a)	(a)
Pipes and sheets ..	174	121	141	(a)	(a)	(a)	(a)
Burma—							
Sheets, pipes and tubes	74	49	50	(a)	(a)	(a)	(a)
Red and white lead ..	154	238	228	(a)	(a)	(a)	(a)
Ceylon—							
Pig-lead	60	58	} (a)	(a)	(a)	(a)	(a)
Sheets and pipes ..	28	30					
Tea-lead	241	417					
Cyprus—		(a)	(a)	(a)	(a)	(a)	(a)
Sheets and pipes ..	44						
Hong Kong (total imports)—							
Pig-lead	2,375	947	956	(a)	(a)	(a)	(a)
Palestine—							
Pig-lead, sheets, pipes, etc.	96	215	140	185	126	106	280
Australia—							
Sheets and pipes ..	100	65	8	4	6	6	—
White lead and lead acetate	111	85	143	72	86	21	28
Fiji—							
Pig-lead and sheet ..	32	30	(a)	(a)	(a)	(a)	16
New Zealand—							
Pig-lead and bars ..	2,122	2,489	4,123	3,677	3,326	3,667	3,347
Sheets and pipes ..	606	332	577	396	57	53	216
White lead	1,002	1,151	1,095	867	902	966	649
FOREIGN COUNTRIES							
Austria (b)—							
Ore	7,844	2,755	} (a)	(a)	(a)	(a)	(a)
Pig-lead, scrap and alloys	8,880	1,199					
Bars, sheets, rods, etc. ..	1	2					
Red and white lead, etc.	—	8					
Belgium-Luxemburg E.U.—							
Ore	105,053	107,576	(a)	2,190	1,406	1,117	795
Pig-lead and scrap ..	28,425	13,421	(a)	915	8,164	50	118
Sheets, bars, pipes and wire	4	15	(a)	—	422	188	63
Red and white lead, etc.	665	629	(a)	24	5	2	—
Bulgaria—							
Pig-lead, scrap, etc. ..	966	} (a)	(a)	(a)	(a)	(a)	(a)
Tubes, wire, etc. ..	11						
Red and white lead, etc.	119						

(a) Information not available.

(b) Figures for 1939 are for January to March only.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Czecho-Slovakia—							
Pig-lead, ashes, scrap and alloys ..	13,036	} (a)	(a)	(a)	(a)	(a)	(a)
Sheets, plates, pipes, wire, etc. . . .	141						
Red and white lead, etc. . . .	229						
Denmark—							
Pig-lead and scrap ..	6,527	12,662	4,750	547	1,047	780	285
Sheets, pipes and wire ..	53	41	18	8	5	1	1
Red and white lead ..	844	1,012	658	483	461	526	304
Estonia—							
Pig-lead and scrap ..	286	} (a)	(a)	(a)	(a)	(a)	(a)
Sheets, pipes and wire ..	145						
Red and white lead, etc. . . .	254						
Finland (total imports)—							
Pig-lead and scrap ..	7,495	4,606	3,049	1,010	1,764	1,578	2,442
Sheets, pipes, wire etc. . . .	1,132	696	233	264	509	453	157
Red and white lead, etc. . . .	809	757	272	400	448	247	340
France—							
Ore, matte and slag ..	51,532	51,479	36,268	21,528	8,056	—	69
Pig-lead, including argen- tiferous and antimonial	46,203	37,530	29,929	12,646	5,321	375	33
Scrap ..	966	789	542	118	195	5	2
Sheets, etc.	132	66	10	1	46	93	5
Red and white lead, etc. . . .	542	364	6	5	149	39	17
Germany—							
Ore ..	139,057	106,889	41,296	31,133	49,617	36,534	(b) 13,738
Pig-lead, scrap and alloys	74,137	61,368	34,133	34,368	40,669	30,136	(b) 16,804
Sheets, pipes, wire, etc. . . .	3	3	2,034	1,670	681	184	(b) 19
Red and white lead, etc. . . .	245	204	69	158	46	—	(b) 74
Hungary—							
Pig-lead and scrap ..	7,447	8,338	} (a)	(a)	(a)	(a)	(a)
Bars, sheets, pipes and wire ..	10	13					
Red and white lead, etc. . . .	15	7					
Iceland—							
Pig-lead ..	8	6	11	20	39	88	54
Red and white lead ..	13	15	15	58	18	45	20
Italy—							
Ore ..	13,591	4,160	—	1,005	2,852	(a)	(a)
Pig-lead, scrap and alloys	8,969	7,392	} 14,649	11,923	16,559	(a)	(a)
Sheets, pipes, wire and alloys ..	45	(c) 9					
Red and white lead ..	75	(c) 8					
Latvia—							
Pig-lead and scrap ..	1,967	} (a)	(a)	(a)	(a)	(a)	(a)
Sheets, tubes and wire ..	191						
Lithuania—							
Pig-lead, sheets, wire and scrap ..	223	} (a)	(a)	(a)	(a)	(a)	(a)
Tubes ..	108						
Red and white lead, etc. . . .	162						
Netherlands—							
Ore ..	199	174	40	—	—	—	} (a)
Pig-lead and scrap ..	35,922	35,608	11,743	1,139	657	1,497	
Sheets and wire ..	284	275	31	10	—	8	
Red and white lead ..	4,438	5,929	2,277	992	329	190	

(a) Information not available.

(b) January to July only.

(c) January to March only.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Norway—							
Pig-lead	3,107	5,830	4,763	1,612	914	443	217
Bars and sheets	757	805	245	151	176	65	81
Tubes, wire, etc.	411	494	153	77	92	55	49
Red and white lead	731	1,044	348	345	188	28	20
Poland—							
Ore and slag	134	} (a)	(a)	(a)	(a)	(a)	(a)
Pig-lead, bars and scrap	462						
Sheets, tubes and wire	4						
Red and white lead, etc.	376						
Portugal—							
Pig-lead, alloys, etc.	1,542	1,905	1,594	1,346	418	1,824	1,409
Red and white lead, etc.	433	385	294	580	427	484	573
Roumania—							
Red and white lead, etc.	182	58	60	(a)	(a)	(a)	(a)
Spain—							
Ore	(a)	(a)	53	—	49	61	217
Sweden—							
Pig-lead and scrap	25,347	43,404	11,481	1,923	6,814	5,182	827
Sheets and pipes	2,357	2,409	1,360	859	253	94	186
Red and white lead	3,379	3,349	2,112	1,991	1,641	1,180	546
Switzerland—							
Ores, etc.	1	12	3	8	24	8	7
Pig-lead, scrap, etc.	9,830	11,405	9,916	5,832	6,551	4,526	411
Sheets, pipes, wire, etc.	204	219	119	254	225	114	34
Red and white lead, etc.	317	358	247	256	202	85	32
U.S.S.R.—							
Pig-lead, sheets and scrap	(b) 14,830	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ore	—	511	} (a)	(a)	(a)	(a)	(a)
Pig-lead and scrap	10	15					
Sheets, bars, rods and wire	32	52					
Red and white lead, etc.	238	379					
Algeria—							
Ore, matte and slags	46	} (a)	(a)	(a)	(a)	(a)	(a)
Pig-lead, bars, sheets, etc.	1,346						
Red and white lead, etc.	123						
Belgian Congo—							
Pig-lead	7	7	(a)	(a)	(a)	(a)	(a)
Egypt—							
Pig-lead and scrap	536	493	673	379	881	99	81
Sheets, pipes, wire, etc.	399	469	162	144	370	20	43
Red and white lead	396	365	270	479	892	136	295
Madagascar—							
Pig-lead, bars and sheets	18	(a)	17	} (a)	(a)	(a)	(a)
Red and white lead	31	(a)	19				
Morocco (French)—							
Pig-lead, sheets and wire	118	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish)—							
Ingots, sheets and wire	6	} (a)	(a)	(a)	(a)	(a)	(a)
Red and white lead, etc.	17						
Mozambique—							
Bars, sheets and wire	22	19	26	19	25	9	24
Tunis—							
Ore, matte and slag	15,472	(a)	(a)	7,070	3,244	—	} (a)
Pig-lead, bars and scrap	342	(a)	(a)	—	54	—	
Sheets, etc.	53	(a)	(a)	7	83	10	
Red and white lead, etc.	48	(a)	(a)	1	2	3	

(a) Information not available.

(b) January to September only.

IMPORTS OF LEAD, ETC. (Cont.)

Reporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Cuba (total imports)—							
Pig-lead	244	92	193	221	319	266	37
Sheets, pipes and wire ..	38	116	66	78	20	45	36
Red lead	—	—	312	—	—	—	—
Mexico—							
Pig-lead	59	38	34	31	} (a)	(a)	(a)
Sheets and pipes	31	12	21	10			
Red and white lead	215	315	248	366			
United States—							
Ore, matte and flue dust (Pb content)	23,743	30,707	65,586	75,326	78,655	75,345	94,012
Bullion and base bullion (Pb content)	5,592	48,777	16,075	23,266	43,838	4,083	66
Pig-lead, bars and scrap (Pb content)	3,018	5,667	33,600	292,260	343,883	208,277	202,406
Sheets, pipes, wire, etc.	148	152	179	42	18	22	35
Red and white lead, etc.	22	15	34	24	6	1	1
Argentina—							
Ore	3,981	4,122	3,049	6,085	6,766	7,413	6,849
Pig-lead	558	234	443	2	—	—	3
Sheets and plates	94	36	20	24	5	—	—
Tubes and wire	31	38	6	10	—	—	—
Red and white lead	1,084	963	1,251	2,112	1,015	566	189
Brazil (total imports)—							
Pig-lead	8,364	(a)	9,210	18,405	7,086	14,031	10,614
Sheets and pipes	109	} (a)	(a)	(a)	(a)	(a)	{ (a)
Red and white lead	406		(a)	(a)	(a)	(a)		(a)
Chile—							
Pig-lead	815	719	1,074	1,878	3,816	} (a)	(a)
Bars and sheets	290	293	327	352	368		
Red and white lead	30	89	71	248	305		
Colombia—							
Ingots, bars, tubcs and alloys	256	373	326	465	374	155	196
Red and white lead	125	104	113	167	21	129	47
Peru—							
Pig-lead, sheets, etc. ..	73	40	33	41	4	25	2
Litharge	21	65	35	76	35	55	58
Uruguay—							
Pig-lead	1,574	1,135	976	(a)	(a)	353	938
Red and white lead, etc.	207	140	260	(a)	(a)	124	166
Venezuela—							
Pig-lead	246	166	259	16	56	32	(a)
Red and white lead	48	50	98	90	65	78	(a)
China—							
Pig-lead	1,691	1,718	1,784	} (a)	(a)	(a)	(a)
Scrap	15	10	—				
Sheets	75	201	168				
Pipes	43	82	26				
Red and white lead, etc.	306	499	468				
French Indo-China—							
Pig-lead and scrap	40	162	} (a)	(a)	(a)	(a)	(a)
Sheets, etc.	31	16					
Red and white lead, etc.	200	210					
Iran (total imports) (b)—							
Ingots, sheets and wire	257	167	234	40	50	12	(a)
Iraq—							
Pig-lead, tubes, wire, etc.	196	212	134	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan (total imports)—							
Fig-lead (b)	67,000	97,000	91,000	77,000	1,000	3,000	3,000
Manchuria—							
Red and white lead, etc.	331	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Fig-lead, scrap and alloys	387	622	520	} (a)	(a)	(a)	(a)
Sheets, etc. and alloys ..	760	697	645				
Tea-lead	100	126	21				
Red and white lead ..	946	1,413	1,329				
Philippine Islands—							
Fig-lead and sheets ..	1,616	670	622	} (a)	(a)	(a)	(a)
Red and white lead ..	395	} (a)	(a)				
Litharge	165						
Siam (total imports)—							
Fig-lead	261	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Ingots and sheets ..	87	94	43	10	6	52	13
Pipes	87	23	23	—	—	—	12
Red and white lead ..	52	20	20	1	31	56	45
Turkey—							
Fig-lead, scrap and alloys	1,216	294	} (a)	(a)	(a)	(a)	(a)
Tubes, wire and alloys ..	222	422					

(a) Information not available.
(b) U.S. Bureau of Mines.

MAGNESITE
PRODUCTION OF MAGNESITE

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Kenya—							
Crude	—	—	—	—	—	—	44
Southern Rhodesia—							
Crude	—	—	499	2,230	2,746	5,342	5,043
Union of South Africa—							
Crude	2,574	3,959	11,695	14,063	16,421	12,494	5,347
Canada—							
Calcined Magnesitic Dolomite	(d)£85,280	£102,710	£201,577	£186,751	(e)£238,062	(e)£283,159	(e)£256,018
Cyprus (exports)—							
Crude	—	—	—	—	—	—	73
India—							
Crude	25,611	33,568	43,297	40,710	47,780	49,070	41,936
Australia—							
Crude	19,516	25,683	24,878	27,699	34,941	64,860	31,705
New Zealand							
Crude	—	—	—	—	—	171	103
FOREIGN COUNTRIES							
Austria—							
Crude	(f)400,000	405,836	406,921	423,835	455,709	451,499	443,810
Caustic (c)	(a)	54,033	51,699	59,756	34,473	33,351	28,571
Dead-burnt (c)	(a)	119,722	115,329	113,570	120,773	133,468	132,561
Bricks (c)	(a)	71,428	55,636	64,874	71,446	74,984	81,392
Czecho-Slovakia—							
Crude (b)	12,789	} (a)	(a)	(a)	(a)	(a)	(a)
Calcined (b)	28,923		(a)	(a)	(a)	(a)	(a)
Bricks (b)	902		(a)	(a)	(a)	(a)	(a)
Germany (Prussia)—							
Crude	23,483	23,685	23,204	28,263	25,006	(a)	(a)
Greece—							
Crude	165,586	} (a)	(a)	(a)	(a)	(a)	(a)
Caustic (c)	36,474		(a)	(a)	(a)	(a)	(a)
Dead-burnt (c)	3,254		(a)	(a)	(a)	(a)	(a)
Italy—							
Crude	6,060	14,741	4,975	4,515	13,470	(g) 2,831	(a)
Calcined (c)	650	(a)	(a)	(a)	(a)	(a)	(a)
Norway—							
Crude	2,065	2,723	1,488	1,809	2,427	2,025	1,520
Calcined (c)	459	1,059	727	549	783	1,114	500
Bricks (c)	294	385	197	325	256	244	279
Yugoslavia (Serbia only)—							
Crude	38,693	32,366	41,880	} (a)	(a)	(a)	(a)
Calcined	15,146	13,442	16,631		(a)	(a)	(a)
Dead-burnt	—	433	592		(a)	(a)	(a)
Cuba—							
Crude	—	394	—	279	274	2,631	41
United States—							
Crude	86,600	177,661	297,470	334,642	444,079	673,957	501,295
Caustic (sales) (c)	6,607	9,069	14,519	26,987	36,401	171,243	124,323
Dead-burnt (sales) (c)	34,588	76,854	125,596	179,894	244,340	269,091	248,651

(a) Information not available.

(b) Exports less imports.

(c) Derived from crude shown, and *not* additional. The United States does, however, include some from other sources, e.g. sea-water, brucite, dolomite, etc., from 1940.

(d) Value of Dead-burnt, etc., Magnesite.

(e) Including brucite.

(f) Estimated.

(g) January to June only.

PRODUCTION OF MAGNESITE (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Argentina—							
Crude	—	49	—	—	—	—	—
Venezuela—							
Crude	(a)	(a)	(a)	(a)	(a)	580	689
Calcined	(a)	(a)	(a)	(a)	(a)	249	(a)
Korea—							
Crude	31,433	(b) 27,156	(b) 31,873	(b) 31,258	(b) 33,038	(b) 29,599	(b) 38,524
Manchuria—							
Crude	(b) 168,996	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Crude	850	485	832	1,870	113	135	784
Calcined	—	57	(a)	(a)	(a)	(a)	(a)

Magnesite is also produced in Spain, the U.S.S.R. and Egypt.

(a) Information not available.

(b) Exports.

EXPORTS OF MAGNESITE, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Magnesium and alloys ..	19	24	89	41	29	—	8
Magnesium compounds	4,960	5,741	6,118	5,347	4,329	2,758	2,916
Southern Rhodesia—							
Crude and calcined ..	(a)	(a)	(a)	(a)	2,606	4,730	4,072
Union of South Africa—							
Crude and calcined ..	—	—	2,251	7,696	5,910	3,085	—
Canada—							
Calcined and dead-burnt,	3,545	6,606	11,452	1,378	480	354	6,956
British India—							
Magnesite	6,382	9,923	18,223	12,531	12,595	13,005	10,471
Chloride	169	954	1,122	923	788	705	(a)
Cyprus—							
Crude	—	—	—	—	—	2	141
FOREIGN COUNTRIES							
Austria (b)—							
Crude	137	5	—	—	—	—	—
Caustic	3,888	534	—	—	—	—	—
Dead-burnt	41,484	10,509	(a)	(a)	(a)	(a)	(a)
Bricks	37,889	7,491	—	—	—	—	—
Chloride	7	—	—	—	—	—	—
Belgium-Luxemburg E.U.—							
Crude	1	—	(a)	30	—	—	1
Calcined	247	295	(a)	—	—	25	—
Magnesium	2	11	(a)	13	—	—	—
Carbonate	20	19	(a)	—	—	—	—
Chloride	8	15	(a)	—	20	—	—
Sulphate	156	66	(a)	3	5	58	—
Czecho-Slovakia—							
Crude	12,895	—	—	—	—	—	—
Calcined	30,921	—	—	—	—	—	—
Bricks	2,514	(a)	(a)	(a)	(a)	(a)	(a)
Chloride, oxide and sulphate	9	—	—	—	—	—	—
France—							
Magnesium	(a)	(a)	(a)	(a)	(a)	1,143	341
Magnesium compounds	4,565	3,781	4,209	1,965	685	262	411
Germany—							
Calcined	1,546	22,664	13,853	24,280	23,164	28,778	(c) 12,150
Carbonate, oxide, etc. ..	1,197	1,389	1,157	554	369	730	(c) 449
Chloride	16,502	13,741	7,534	10,531	11,688	10,184	(c) 3,552
Sulphate	53,367	40,720	4,785	7,712	15,966	34,012	(c) 16,287
Greece—							
Crude	47,095	49,433	100,274	—	—	—	—
Caustic	30,750	25,116	18,806	(a)	(a)	(a)	(a)
Dead-burnt	295	6,289	4,915	—	—	—	—
Hungary—							
Crude and calcined ..	177	20,185	(a)	(a)	(a)	(a)	(a)
Italy—							
Crude	1,776	975	556	15	33	(e) 40	(a)
Caustic and calcined ..	394	(c) 290	—	—	—	—	—
Carbonate	238	(c) 53	(a)	(a)	(a)	(a)	(a)
Chloride and sulphate ..	25	(c) 67	—	—	—	—	—

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) January to July only.

(e) January to June only.

EXPORTS OF MAGNESITE, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands—							
Crude	15	23	8	—	—	—	} (a)
Calcined	10,838	11,334	2,011	329	—	15	
Sulphate	76	66	5	—	—	—	
Norway—							
Crude	2	10	34	15	76	30	—
Bricks	(a)	423	199	208	292	248	197
Sweden—							
Crude and calcined ..	1	—	42	—	—	—	—
Switzerland—							
Calcined	1	4	—	—	—	—	—
U.S.S.R.—							
Crude	} (b) 4,434	(a)	(a)	(a)	(a)	(a)	(a)
Calcined							
Yugoslavia—							
Crude	4,573	861	} (a)	(a)	(a)	(a)	(a)
Calcined	13,365	11,182					
Cuba—							
Crude	—	546	—	278	274	2,631	41
United States—							
Magnesium metal ..	(c) 940	(c) 1,900	767	1,373	3,612	31,813	18,751
Oxide and manufactures	1,430	1,324	1,226	1,924	1,165	7,598	1,131
Bricks, etc.	7,158	10,235	12,687	14,412	13,821	12,943	11,153
Peru—							
Sulphate	23	—	37	294	386	239	639
Japan—							
Carbonate	1,952	2,542	} (a)	(a)	(a)	(a)	(a)
Magnesium	1	2					
Korea—							
Crude and calcined ..	15,820	27,156	31,873	31,258	33,038	29,599	38,524
Manchuria—							
Crude and ground ..	168,996	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Calcined	43	—	(a)	(a)	(a)	(a)	(a)

- (a) Information not available.
(b) January to September only.
(c) Estimated.

IMPORTS OF MAGNESITE, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Crude and calcined ..	56,886	48,411	88,997	80,267	28,558	55,927	22,514
Magnesium and alloys ..	1,610	1,614	595	1,032	3,098	33,585	20,357
Chloride	5,062	3,089	3,770	772	990	401	552
Other salts	15,016	11,362	3,823	10	1	1	—
Eire—							
Magnesium salts ..	462	477	514	358	320	249	275
Union of South Africa—							
Carbonate and sulphate	848	951	491	366	208	60	43
Chloride	181	235	113	60	36	67	34
Canada—							
Crude and calcined ..	890	947	1,437	4,289	5,783	7,686	(c) 6,956
Oxide	63	120	105	480	622	848	1,230
Carbonate	341	462	562	508	258	384	286
Sulphate	1,610	1,742	1,974	2,436	1,507	2,917	2,396
Bricks	(£116,053)	(£146,571)	(£174,613)	(£246,149)	(£264,048)	(£249,832)	(£161,456)
British India—							
Chloride	561	506	3	8	5	—	—
Sulphate	408	291	42	39	20	17	48
Other salts	884	1,255	670	1,178	535	233	433
Burma—							
Sulphate	131	244	142	(a)	(a)	(a)	(a)
Other salts	119	155	118	(a)	(a)	(a)	(a)
Palestine—							
Sulphate	8	15	44	179	127	—	—
Australia—							
Oxide	396	146	481	60	37	36	141
Carbonate	168	186	176	188	167	146	159
Chloride	168	308	328	199	61	38	4
Sulphate	835	620	533	169	302	227	187
New Zealand—							
Sulphate	437	307	565	411	449	496	336
FOREIGN COUNTRIES							
Austria (b)—							
Caustic	805	143	} (a)	(a)	(a)	(a)	(a)
Carbonate	31	—					
Chloride	6	—					
Belgium-Luxemburg E.U.—							
Crude	7	111	(a)	151	20	178	5
Calcined	3,611	2,144	(a)	1,864	790	1,691	628
Magnesium	7	24	(a)	1	1	—	1
Carbonate	117	176	(a)	19	21	63	33
Chloride	393	643	(a)	408	263	404	125
Sulphate	1,150	2,870	(a)	996	2,680	1,120	311
Bulgaria—							
Crude	140	} (a)	(a)	{ 154	163	82	32
Sulphate	95							78	201	158	30
Czecho-Slovakia—							
Crude	106	} (a)	(a)	(a)	(a)	(a)	(a)
Calcined	1,998						
Bricks	1,612						
Chloride	2,541						
Oxide, impure	2,177						
Sulphate	467						

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) Calcined and dead-burnt only.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Denmark—							
Crude	784	717	426	581	435	589	824
Chloride	352	518	324	629	718	418	734
Oxide	134	155	138	134	65	79	59
Sulphate	331	507	238	308	341	312	264
Estonia—							
Ground and calcined ..	68	(a)	(a)	(a)	(a)	(a)	(a)
Chloride and sulphate ..	107						
Finland (total imports)—							
Magnesite	(b) 1,157	1,228	674	702	203	592	452
Calcined	24	31	10	33	13	8	6
Carbonate	261	215	339	70	26	95	89
Chloride	864	896	264	356	349	193	177
Sulphate	141	158	111	91	27	66	65
France—							
Crude	3,993	12,331	31,305	4,895	895	5,436	2,786
Calcined	14,253	14,617	7,913	3,825	6,713	7,707	3,040
Magnesium	157	359	547	—	59	110	67
Carbonate	870	698	455	78	59	63	14
Chloride	366	66	—	61	397	490	101
Sulphate	2,589	1,936	60	479	946	6,678	80
Germany—							
Crude	33,702	21,555	12,540	11,892	12,599	17,129	(c) 839
Caustic	29,594	18,721	17,160	6,677	3,030	5,516	(c) 1,996
Dead-burnt	25,555	14,291	28,610	35,113	37,455	39,020	(c) 23,706
Hungary—							
Crude and calcined ..	14,210	6,928	(a)	(a)	(a)	(a)	(a)
Oxide	87	71					
Sulphate	65	95					
Italy—							
Crude	4,226	3,614	2,284	119	1,298	(d) 1,874	—
Caustic	4,019	(c) 2,168	(a)	(a)	(a)	(a)	(a)
Carbonate	6	(c) 10					
Chloride	342	(c) 172					
Latvia—							
Ground and calcined ..	128	(a)	(a)	(a)	(a)	(a)	(a)
Carbonate	33						
Chloride	98						
Sulphate	53						
Lithuania—							
Crude and calcined ..	96	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Crude	898	650	547	312	543	616	(a)
Calcined	13,588	11,150	3,325	1,180	913	3,523	
Sulphate	3,001	5,390	1,918	3,312	7,860	11,119	
Norway—							
Calcined	845	1,076	289	581	325	1,010	452
Bricks	1	—	37	—	39	21	18
Chloride	432	686	377	592	553	419	210
Poland—							
Crude and calcined ..	3,901	(a)	(a)	(a)	(a)	(a)	(a)
Chloride	869						
Oxide	23						
Sulphate	1,154						

(a) Information not available.

(b) Including witherite.

(c) January to July only.

(d) January to June only.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Portugal—							
Carbonate	35	38	56	54	227	93	84
Chloride	82	101	75	4	24	20	—
Oxide	6	5	4	4	8	11	1
Sulphate	356	283	483	309	557	319	326
Sweden—							
Crude and calcined	4,836	2,663	1,607	1,403	1,349	1,439	1,654
Bricks	3,761	7,617	4,865	4,084	7,003	5,255	5,052
Chloride	2,184	2,310	1,892	1,431	1,030	1,452	867
Switzerland—							
Calcined	721	755	547	727	581	630	1,152
Yugoslavia—							
Calcined	2,993	2,814	} (a)	(a)	(a)	(a)	(a)
Bricks	3,204	2,106					
Chloride and sulphate	160	386					
Oxide and carbonate	133	158					
Algeria—							
Calcined	10	—	—	—	—	—	—
Belgian Congo—							
Sulphate	177	387	(a)	(a)	(a)	(a)	(a)
Egypt—							
Sulphate	549	556	291	300	77	21	14
Cuba (total imports)—							
Calcined	341	134	106	6	73	11	45
Carbonate	65	52	189	95	18	58	129
Mexico—							
Crude	852	111	166	74	—	—	—
Calcined	93	58	25	6	—	—	—
Sulphate	679	489	342	414	—	—	—
United States—							
Crude	32	508	20	—	—	—	927
Calcined	1,297	1,980	806	772	516	259	499
Dead-burnt	22,313	39,660	27,635	32,849	6,900	8,244	5,604
Oxide	41	33	16	11	14	—	27
Carbonate, precipitated	420	693	673	988	572	109	135
Chloride	36	25	—	25	166	—	—
Sulphate	3,565	4,630	25	1	—	21	20
Argentina—							
Carbonate	120	171	214	178	222	147	77
Chloride	223	132	120	65	105	22	—
Oxide	72	89	54	8	6	4	1
Sulphate and chlorate	818	575	226	25	20	8	—
Brazil (total imports)—							
Sulphate	899	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Crude	7	37	10	—	20	} (a)	(a)
Calcined	493	1,157	1,188	54	1,532		
Chloride	1	6	17	893	2		
Carbonate, oxide, etc.	12	7	5	15	9		
Sulphate	3	1	12	64	2		
Colombia—							
Calcined	(a)	29	7	10	39	28	13
Carbonate	34	17	37	12	22	15	(a)
Chloride	19	1	—	1	1	1	(a)
Sulphate	155	165	74	207	94	192	144
Peru—							
Oxide and carbonate	1,312	604	298	1,040	18	557	21
Salts	76	101	57	26	7	46	34
Uruguay—							
Calcined	6	11	13	} (a)	(a)	(a)	(a)
Oxide	6	—	—				

(a) Information not available.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Venezuela—							
Sulphate	95	104	93	170	84	160	—
China—							
Carbonate	597	16,316	924	(a)	(a)	(a)	(a)
French Indo-China—							
Calcined	10	9	} (a)	(a)	(a)	(a)	(a)
Carbonate	16	10					
Chloride	31	22					
Manchuria—							
Chloride	6,643	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Ground and calcined ..	9	3	—	—	3	—	—
Chloride	8	9	1	—	—	—	8
Oxide	17	—	12	—	—	23	2
Sulphate	24	22	5	19	11	19	6
Turkey—							
Calcined	12	51	} (a)	(a)	(a)	(a)	(a)
Carbonate, chloride, etc.	173	130					
Oxide	12	13					

(a) Information not available.

MANGANESE
PRODUCTION OF MANGANESE ORE
(Long tons)

Producing Country	Estimated Manganese Content						
	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain ..	—	—	863	1,186	10,432	20,333	17,607
Gold Coast (exports) ..	324,207	336,312	477,322	428,736	483,573	423,393	504,458
Northern Rhodesia ..	2,735	2,970	3,494	4,700	6,113	4,711	5,046
Union of South Africa ..	543,028	413,071	405,565	438,854	388,217	215,662	105,196
Canada (sales) ..	—	354	136	—	388	43	—
Burma ..	—	—	(a)	—	(c) 750	(a)	(a)
India ..	967,929	844,663	868,918	785,941	757,269	595,347	484,000
Malaya ..	31,970	31,448	19,039	3,635	(c) 2,500	9,400	379,000
Australia ..	594	153	12,045	13,607	10,107	6,194	2,176
New Zealand ..	90	486	980	752	321	510	(a)
Papua ..	—	62	222	402	346	359	173
TOTAL	1,870,000	1,630,000	1,789,000	1,680,000	1,660,000	1,269,000	1,009,000
FOREIGN COUNTRIES							
Bulgaria ..	1,857	929	(a)	(a)	(a)	(a)	(a)
Germany ..	160	380	122	(a)	(a)	(a)	(a)
Greece ..	6,963	11,001	(a)	(a)	(a)	(a)	(a)
Hungary ..	21,870	40,000	(a)	(a)	(a)	(a)	(a)
Italy ..	47,529	44,276	50,181	58,829	(a)	15,000	15,000
Portugal ..	771	389	1,156	3,261	6,220	260	19,000
Roumania ..	59,304	40,909	33,700	15,000	29,000	780	1,500
Spain ..	1,298	4,637	5,772	9,811	37,600	10,000	4,500
Sweden ..	5,983	5,989	4,527	13,708	20,932	12,000	9,000
U.S.S.R. ..	2,237,000	(a)	2,800,000	2,800,000	23,859	1,800	2,600
Yugoslavia ..	3,699	5,566	10,471	(a)	(a)	2,000	1,280,000
Angola ..	—	—	—	(a)	—	2,000	(a)
Belgian Congo ..	7,603	4,309	18,077	30,050	28,527	2,100	2,000
Egypt (b) ..	150,694	117,989	63,887	2,141	8,040	34,000	14,200
							2,400
							15,000
							600
							9,000
							18,500
							3,700
							1,280,000
							2,600
							3,600
							5,700
							13,500
							5,100
							3,700
							3,000
							2,000
							1,400
							1,000
							2,100

(a) Information not available.
 (b) Ore containing 30% Mn and 30% Fe.
 (c) Average annual production during Japanese occupation.

PRODUCTION OF MANGANESE ORE (Cont.)

Producing Country	Estimated Manganese Content													
	1938	1939	1940	1941	1942	1943	1944	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)														
Morocco (French)	59,230	53,826	110,339	50,425	43,580	48,142	27,112	24,000	23,000	47,000	19,400	18,400	20,400	15,500
Morocco (Spanish)	150	(a)	(a)	(a)	(a)	(a)	(a)	60	(a)	(a)	(a)	(a)	(a)	(a)
Tunis	59	(a)	(a)	(a)	120	—	300	20	(a)	(a)	(a)	40	(a)	100
Costa Rica (exports)	299	(a)	(a)	247,415	245,318	306,299	253,792	150	(a)	(a)	(a)	(a)	(a)	(a)
Cuba	121,888	100,797	117,959	2,200	26,000	50,000	65,000	(a)	(a)	302	964	11,312	22,584	28,611
Mexico	300	60	700	—	—	—	(a)	116	26	—	(a)	(a)	(a)	(a)
Porto Rico (exports)	1,023	(a)	(a)	78,388	170,311	183,190	221,086	512	12,800	18,500	39,700	90,800	97,700	117,500
United States (c)	25,321	29,304	40,121	1,453	1,402	1,619	3,105	11,400	200	290	550	550	640	(a)
Argentina	430	492	699	—	590	16,453	(a)	170	244	—	—	268	8,274	(a)
Bolivia (d)	—	253,681	308,441	442,569	d 301,404	d 271,200	d 145,645	—	120,000	145,000	210,000	136,000	122,000	66,000
Brazil	301,192	11,049	—	—	70,167	104,420	71,325	8,700	5,200	—	—	31,700	46,900	33,100
Chile	19,014	94	265	30	171	(a)	(a)	1,096	(a)	(a)	(a)	(a)	(a)	(a)
Peru	25	94	265	1,020	1,420	(e) 1,400	(e) 7,000	(a)	(a)	(a)	(a)	(a)	(a)	(a)
French Indo China	2,179	3,465	658	90,000	94,000	100,000	100,000	40,000	1,700	300	450	630	610	3,400
Japan (f)	80,000	83,000	87,000	(a)	(a)	(a)	(a)	5,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies	9,534	11,883	11,386	(g) 49,771	(a)	(a)	(a)	6,200	6,200	6,000	(a)	(a)	(a)	(a)
Philippine Islands	57,225	28,930	51,342	(g) 7,983	(a)	(a)	(a)	27,000	14,000	24,000	24,000	(a)	(a)	(a)
Portuguese India	9,478	8,074	6,422	1,339	3,261	(a)	(a)	4,200	3,600	2,800	3,500	(a)	(a)	(a)
Turkey	2,151	511	551	—	—	821	1,939	1,000	240	240	600	1,400	(a)	800
TOTAL	3,274,000	3,470,000	3,850,000	4,060,000	3,200,000	2,500,000	2,300,000							
World's Total	5,174,000	5,100,000	5,700,000	5,700,000	4,900,000	3,800,000	3,300,000							

Manganese ore is also produced in China.

(a) Information not available.

(c) Shipments. Excluding the following quantities of ore containing 10 to 35% Mn, which are included with iron ore:—

1938	33,620 long tons
1939	239,544 "
1940	320,006 "
1941	457,288 "
1942	237,199 "
1943	418,627 "
1944	265,162 "

(d) Exports.

(e) Estimated.

(f) U.S. Bureau of Mines "Foreign Minerals Survey."

(g) January to September only.

EXPORTS OF MANGANESE ORE, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Metal	39	53	34	49	73	40	27
Ferro-manganese and spiegeleisen	5,197	3,513	5,492	17,305	3,617	797	150
Gold Coast—							
Ore	324,207	336,312	477,322	428,736	483,573	423,393	504,458
Union of South Africa—							
Ore	314,012	327,449	286,743	303,799	179,751	76,160	9,948
Canada—							
Spiegeleisen	(a)	35,183	18,654	6,978	2,100	2,904	3,356
British India—							
Ore (b)	518,342	654,390	666,337	558,455	599,254	712,424	151,621
Ferruginous manganese ore	7,787	3,350	—	—	—	2,500	—
Ferro-manganese	—	—	4	1	1	4,133	703
Cyprus—							
Ore	19	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (including re- exports)—							
Ore	2,211	1,665	—	(a)	(a)	(a)	(a)
Malaya (c)—							
Ore	30,570	32,848	11,541	(a)	(a)	(a)	(a)
Australia—							
Ore	2,095	—	—	1	—	—	44
New Zealand—							
Ore	75	5	(a)	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria—							
Ore	48	(d) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ore	13,704	10,752	(a)	1	—	—	—
Czecho-Slovakia—							
Ore	965	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Ore	5,040	4,484	1,358	14,376	30	39	(a)
Manganese dioxide	101	334	15	3	—	—	(a)
Ferro-manganese	13,645	8,158	1,926	723	141	537	1,235
Germany—							
Ore	758	460	1,218	2,314	3,781	8,545	(e) 677
Ferro-manganese	4,578	8,301	4,926	6,918	9,650	8,367	(e) 5,563
Greece—							
Ore	3,017	1,392	1,090	(a)	(a)	(a)	(a)
Hungary—							
Ore	2,864	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Ore, including mangani- ferous iron ore	1	(e) —	} (a)	(a)	(a)	(a)	(a)
Ferro-manganese	10	(e) —					
Netherlands—							
Ore	1,335	1,898	247	—	1,913	—	(a)
Norway—							
Ore	—	76	30	—	—	—	—
Ferro-manganese	36,982	66,332	30,279	14,564	1,550	299	1,225
Ferro-silico-manganese	12,688	21,925	15,331	14,620	5,936	3,792	7,671

(a) Information not available.

(b) Excluding manganese ore mined in British India but exported via the Portuguese port of Mormugao—1938, 130,398 tons; 1939, 139,935 tons; 1940, 71,398 tons; 1941, 10,425 tons; 1942, 950 tons; 1943, Nil.

(c) Including re-exports.

(d) January to March only.

(e) January to July only.

EXPORTS OF MANGANESE ORE, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Ferro-manganese ..	1,299	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Ore	(a)	(a)	492	978	2,824	9,238	3,831
Sweden—							
Ore	51	(c) 66	273	81	186	212	221
Ferro-manganese ..	} 1,097	1,295	798	{ 481	10	29	—
Spiegeleisen					22	—	—
Ferro-silico-manganese					108	46	—
U.S.S.R.—							
Ore	(b)353,554	(d)	(d)	(d)	(d)	(d)	(d)
Yugoslavia—							
Ore	381	80	} (a)	(a)	(a)	(a)	(a)
Ferro-manganese ..	2,588	2,183					
Angola—							
Ore	—	—	—	—	—	2,067	1,870
Belgian Congo—							
Ore	3,251	2,515	(a)	24,903	13,488	12,680	—
Egypt—							
Ore	(a)	(a)	(a)	(a)	(a)	5,220	64
Morocco (French)—							
Ore	42,722	121,973	75,900	80,100	27,200	6,600	2,100
Morocco (Spanish)—							
Ore	148	(a)	(a)	(a)	(a)	(a)	(a)
Costa Rica—							
Ore	299	(a)	(a)	(a)	(a)	(a)	(a)
Cuba—							
Ore	120,000	105,962	131,255	247,415	140,170	203,014	409,553
Mexico—							
Ore	1,017	42	518	2,090	11,311	22,625	27,963
Mn content	116	26	302	964	(a)	(a)	(a)
United States—							
Ore	(a)	(a)	(a)	(a)	3,881	3,792	4,686
Ferro-manganese and spiegeleisen	247	2,923	13,036	4,603	6,450	11,449	715
Bolivia—							
Ore	(a)	492	—	—	590	16,453	—
Mn content	(a)	244	—	—	268	8,274	—
Brazil—							
Ore	134,682	186,018	219,196	430,494	301,404	271,200	145,645
Chile—							
Ore	19,000	11,050	20,193	20,904	9,530	—	4,059
Mn content	(a)	(a)	9,501	9,703	(a)	—	(a)
Peru—							
Ore	24	95	230	31	187	—	—
China—							
Ore	1,227	1	—	(a)	(a)	(a)	(a)
French Indo-China—							
Ore	473	2,825	500	869	—	1,983	—

(a) Information not available.

(b) January to November only.

(c) Chemical grade only.

(d) The following countries record an import of ore from U.S.S.R. (long tons):—

	1939	1940	1941	1942	1943	1944
United Kingdom	15,175	6,765	—	—	—	—
Germany	6,121	63,636	140,677	294,945	(a)	(a)
Netherlands	15,282	—	—	—	—	—
Norway	18,077	—	—	—	1,951	7,033
Sweden	(a)	6,487	4,880	—	—	—
United States	135,243	311,748	28,313	15,865	4,065	—

EXPORTS OF MANGANESE ORE, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan—							
Ore	2,426	3,624	(b) 2,000	(b) 1,000	(b) 1,000	(b) 1,000	(b) 1,000
Netherlands East Indies—							
Ore	11,036	6,710	10,581	(c) 8,814	(a)	(a)	(a)
Philippine Islands—							
Ore	48,580	35,429	57,121	(a)	(a)	(a)	(a)
Portuguese India—							
Ore	3,847	—	—	—	—	—	—
Turkey—							
Ore	2,692	174	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) U.S. Bureau of Mines estimate.

(c) January to July for Java and Madura only.

IMPORTS OF MANGANESE ORE, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	192,376	324,852	245,690	314,149	421,204	444,582	315,251
Metal	126	248	237	23	533	245	—
Ferro-manganese and spiegeleisen	2,876	4,430	4,458	2,428	2,705	3,888	84
Ferro-silico-manganese	9,156	16,459	14,698	21,020	7,715	11,837	8,670
Union of South Africa—							
Ferro-manganese	662	316	388	155	100	162	—
Manganese dioxide	243	408	459	371	496	183	517
Canada—							
Ore	18,795	26,595	62,911	93,280	51,240	45,745	76,602
Ferro-manganese and spiegeleisen	198	366	254	2,762	3,172	14,667	77
Hong Kong (total imports)							
Ore	1,290	137	32	(a)	(a)	(a)	(a)
Australia—							
Ore	211	175	23,388	1,161	1,526	20,100	241
FOREIGN COUNTRIES							
Austria—							
Ore	374	(b) 97	} (a)	(a)	(a)	(a)	(a)
Ferro-manganese	1,834	(b) 126					
Belgium-Luxemburg E.U.—							
Ore	193,175	98,240	(a)	597	478	5,614	429
Czecho-Slovakia—							
Ore	101,163	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Ore (c)	1,407	1,233	767	1,071	467	112	97
Estonia—							
Ore	83	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Ore	69	(a)	(a)	(a)	(a)	(a)	(a)
Ferro-manganese and spiegeleisen	822	1,438	511	444	858	1,908	888
France—							
Ore	316,098	295,039	197,002	59,578	33,003	82	30
Ferro-manganese	682	1,313	24	—	39	356	1,109
Manganese dioxide	11	72	8	—	10	10	(a)
Germany—							
Ore	419,060	230,920	117,107	235,983	337,751	376,751	(d) 59,217
Ferro-manganese	190	527	15,418	9,136	13,159	654	(d) 252
Hungary—							
Ore	61	(a)	(a)	(a)	(a)	(a)	(a)
Italy (d) —							
Ore, including mangani- ferous iron ore	57,162	26,781	} (a)	(a)	(a)	(a)	(a)
Ferro-manganese	17	53					
Ferro-silico-manganese	9	(a)					
Manganese metal	5	(a)					
Latvia—							
Ore	246	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Ore	77	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) Chemical grade.

(d) January to July only for 1939.

IMPORTS OF MANGANESE ORE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands—							
Ore	17,721	34,115	433	445	506	117	(a)
Norway—							
Ore	122,543	102,268	55,096	2,658	16,507	14,558	32,213
Poland—							
Ore	62,852	} (a)	(a)	(a)	(a)	(a)	(a)
Ferro-manganese ..	272						
Spain—							
Ore	(a)	(a)	11,272	11,944	1,723	3,769	6,551
Sweden—							
Ore (chemical grade) ..	658	1,107	498	413	456	304	684
do. (metallurgical grade)	(b)	(b)	10,240	4,880	290	—	—
Ferro-manganese and spiegeleisen	9,592	7,808	6,718	87	13	17	10
Ferro-silico-manganese	12	404	602	212	227	101	126
Yugoslavia—							
Ore	7,795	14,407	} (a)	(a)	(a)	(a)	(a)
Ferro-manganese	735	11					
Algeria—							
Ore	1	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
Ferro-manganese	208	1,122	1,711	1,322	(a)	(a)	(a)
United States—							
Ore	513,637	657,813	1,320,962	1,530,876	1,419,795	(c) 1,359,622	(c) 1,174,855
Mn content	242,857	322,708	628,175	736,568	685,314	(c) 654,051	(c) 565,391
Ferro-manganese	26,258	41,227	10,369	6,278	13,189	2,055	3,697
Mn content	21,138	33,414	8,572	5,058	10,393	884	2,910
Argentina—							
Dioxide and borate of manganese	179	128	143	339	306	232	206
Ferro-manganese	(a)	(a)	(a)	(a)	1,147	1,723	1,143
Chile—							
Ferro-manganese	410	675	440	466	1,106	(a)	(a)
China—							
Ore	59	1,563	1,655	} (a)	(a)	(a)	(a)
Ferro-manganese	21	80	79				
Manganese di-oxide ..	373	1,220	266				
French Indo-China—							
Ore	87	—	} (a)	(a)	(a)	(a)	(a)
Manganese di-oxide ..	118	217					
Japan (total imports)—							
Ore	(d)	(d)	122,567	53,445	56,917	90,267	38,864

(a) Information not available.

(b) Not separately recorded but imports of "ores not specified" from the U.S.S.R. were as follows:—

1938	12,910 Long tons
1939	7,837

This is presumably Manganese ore (metallurgical grade).

(c) Total imports. Re-exports were 6,542 and 28,862 long tons in 1943 and 1944 respectively, but metal contents are not recorded.

(d) Not available, but exports to Japan from the following countries were recorded (long tons):—

	1938	1939
British India	113,212	159,171
Hong Kong	2,174	1,664
British Malaya	30,570	32,848
Philippine Islands	48,229	(e) 35,000

(e) Estimated.

MICA

PRODUCTION OF MICA

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Northern Rhodesia—							
Sheet	4	2	1	1	3	8	15
Waste	—	—	—	—	1	2	1
Southern Rhodesia	13	6	4	9	12	53	246
Tanganyika Territory—							
Block and sheet	22	(g) 36	10	5	13	27	125
Waste	14	—	—	—	—	—	—
Uganda	—	—	—	—	—	1	12
Union of South Africa (b)	1,098	956	1,232	1,060	1,245	1,060	1,245
Canada (sales)—							
Knife trimmed	36	41	71	118	118	} (h)	(h)
Thumb trimmed	8	30	64	62	30		
Splittings	23	79	76	83	74		
Rough cobbled	5	3	64	76	296		
Scrap	391	800	596	1,219	2,303		
Ceylon (exports)	—	—	2	1	—	6	2
India (exports)—							
Blocks	942	1,580	944	1,152	1,463	2,361	1,271
Splittings	4,713	(c) 5,375	5,550	8,979	6,846	4,759	2,341
Scrap	3,101	(d) 2,990	2,282	279	1,128	2,172	(1 cwt.)
Australia (e)	48	33	36	20	38	26	32
New Zealand	—	1	—	—	—	—	(3 cwt.)
FOREIGN COUNTRIES							
France	(a)	(a)	(a)	(a)	(a)	100	1
Italy	120	26	33	38	(a)	(a)	(a)
Norway	(f) 102	99	32	67	1,369	974	(a)
Portugal	—	—	—	—	11	1,181	(a)
Roumania	22	18	(a)	(a)	(a)	(a)	(a)
Sweden—							
Block	—	—	59	121	311	319	174
Ground	129	124	31	4	175	3	156
Madagascar	667	580	523	471	315	337	485
Mozambique	—	—	—	—	—	—	4
Mexico (exports)	(a)	47	38	36	83	129	109
United States (sales)—							
Sheets (uncut)	419	363	726	1,190	1,233	1,539	680
Scrap	18,087	22,029	19,987	29,018	38,627	41,195	46,185
Argentina—							
Sheet	246	293	287	413	517	386	447
Waste	17	—	148	118	98	10	138
Bolivia (exports)	4	2	1	3	4	2	2
Brazil	(f) 513	1,023	1,133	1,181	1,034	891	(f) 926
Peru	(f) 24	9	4	8	5	9	118
Korea	156	(a)	(a)	(a)	(a)	(a)	(a)

Mica is also produced in the U.S.S.R. and Eritrea.

(a) Information not available.

(b) Chiefly scrap mica.

(c) Including scrap during January to March.

(d) April to December only.

(e) The following amounts of Damourite were also produced (long tons):—1938—17; 1939—55; 1940—65; 1941—100; 1942—165; 1943—61; 1944—105.

(f) Exports.

(g) Includes 5 tons of ground mica.

(h) The classification was changed as follows (long tons):—

	1943	1944
Rough mine run or sifted	638	141
Splittings	33	20
Sold for mechanical splittings	85	191
Trimmed	130	231
Ground and scrap	2,708	2,403

EXPORTS OF MICA

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Splittings, ground and waste	142	104	140	105	44	71	18
Kenya and Uganda	—	—	—	—	—	1	12
Southern Rhodesia	14	4	5	9	8	46	199
Tanganyika Territory—							
Block and sheet	22	31	10	5	13	29	125
Ground and waste	15	5	—	—	—	—	—
Union of South Africa	837	1,151	946	1,026	756	735	421
Canada—							
Rough cobbled and thumb trimmed	53	76	184	227	216	385	553
Splittings	22	102	88	109	66	29	34
Ground	(a)	(a)	(a)	(a)	(a)	(a)	268
Scrap and waste	575	880	520	1,132	1,930	1,910	2,178
British India—							
Blocks	942	1,580	944	1,152	1,463	2,361	1,271
Splittings	4,713	(b) 5,375	5,550	8,979	6,846	4,759	2,341
Scrap	3,101	(c) 2,990	2,282	279	1,128	2,172	(1 cwt.)
Ceylon	—	—	2	1	—	6	2
Australia—							
Slabs (£ Australian)	(£3,951)	(£868)	(£3,124)	(£1,695)	(£1,874)	(£35,715)	(£15,573)
FOREIGN COUNTRIES							
Austria	7	(d) 7	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Sheets and plates	79	43	(a)	5	—	—	—
Bulgaria	—	(a)	(a)	24	56	181	100
Czecho-Slovakia	53	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Unmanufactured	38	42	38	—	12	—	(a)
Sheet, plate and manufactures	13	18	4	4	18	4	1
Germany—							
Unmanufactured	3	11	2	70	72	11	(e) 2
Netherlands	13	1	2	—	5	2	(a)
Norway—							
Sheet	1	1	3	296	1,011	882	584
Scrap	101	24	95	116	85	59	129
Portugal	—	—	—	—	—	216	84
Switzerland (including asbestos)	10	6	9	10	—	—	—
Madagascar—							
Phlogopite, etc.	616	403	459	518	1	244	590
Mozambique	1	1	25	1	1	—	1
Mexico	—	47	38	36	83	129	109
United States—							
Unmanufactured	315	252	141	193	179	80	95
Ground and manufactured	1,267	1,379	666	846	715	539	457
Argentina	221	259	253	380	402	397	165
Bolivia	4	2	1	3	4	2	2
Brazil	513	428	1,099	853	852	783	926
Peru	24	11	4	8	5	12	118

(a) Information not available.

(b) Including scrap during January to March.

(c) April to December only.

(d) January to March only.

(e) January to July only.

IMPORTS OF MICA

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Slabs	332	516	723	423	1,044	1,654	1,448
Splittings	1,204	1,165	1,641	427	1,143	1,155	363
Ground and waste	1,173	1,491	895	1,031	1,417	3,015	229
Union of South Africa—							
Micanite sheets	5	4	4	10	7	5	7
Canada—							
Mica and manufactures	(£17,614)	(£13,256)	(£29,193)	(£43,076)	(£39,931)	(£50,238)	(£41,580)
British India—							
Block	29	101	45	318	255	—	165
Splittings	96	113	59	52	—	80	57
Australia—							
Slabs	—	(£1,437)	(£2,576)	(£6,539)	(£11,893)	(£32,762)	(£46,139)
FOREIGN COUNTRIES							
Austria—							
Unmanufactured	39	(c) 7	(a)	(a)	(a)	(a)	(a)
Sheet	32	(c) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Crude sheet and crude plate	151	124	(a)	7	10	3	2
Cut sheet and cut plate	21	20	(a)	1	2	—	—
Czecho-Slovakia	137	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Block	30	36	12	46	22	21	20
Powder	12	47	18	6	36	5	6
France—							
Unmanufactured	629	599	491	91	2	—	1
Sheet, plate and manufactures	40	37	24	1	5	6	1
Germany—							
Unmanufactured	1,817	1,605	825	492	2,098	1,755	(d) 770
Italy—							
Unmanufactured and sheet	415	(d) 211	(a)	(a)	(a)	(a)	(a)
Netherlands	113	90	61	27	13	7	(a)
Poland	107	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	—	1	1	1	1	—	1
Egypt	22	—	—	1	—	—	—
Mexico	11	14	9	10	(a)	(a)	(a)
United States (b)—							
Unmanufactured	4,148	4,224	3,418	2,017	3,580	4,562	4,372
Cut, splittings and manufactures	995	1,384	3,518	5,393	6,504	7,998	2,037

(a) Information not available.

(b) Re-exports of mica and manufactures were as follows (long tons):—1938—75; 1939—22; 1940—14; 1941—22; 1942—16; 1943—Nil.

(c) January to March only.

(d) January to July only.

MOLYBDENUM
PRODUCTION OF MOLYBDENUM ORE
(In terms of MoS₂)
 (Cwt.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Canada (Shipments) ..	(b) 116	(b) 24	(b) 199	1,553	1,418	5,832	—
Burma	—	1	(a)	(a)	(a)	(a)	(a) 300
Australia	1,000	1,300	600	200	300	450	300
FOREIGN COUNTRIES							
Greece	150	(a)	(a)	(a)	(a)	(a)	(a)
Italy	4	(a)	(a)	(a)	(a)	(a)	(a)
Norway	15,167	13,995	9,448	7,647	12,080	7,604	8,136
Sweden	(a)	(a)	(a)	(a)	(a)	400	666
French Morocco	3,350	4,555	1,903	1,700	330	360	—
Mexico	15,861	17,161	10,154	17,117	28,070	37,340	23,590
United States	495,492	451,250	510,610	600,635	847,351	917,565	575,580
Chile	—	984	8,760	7,510	19,020	22,310	32,789
Peru	3,006	6,732	5,452	4,802	5,040	2,800	2,028
Turkey	1,340	(a)	(a)	(a)	(a)	(a)	(a)

Molybdenum ore is also produced in Roumania, Yugoslavia, Egypt, China, Japan and Korea.

(a) Information not available.

(b) Ore.

EXPORTS OF MOLYBDENUM ORE, ETC.

(Domestic Produce)

(Cwt.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Australia— Ore	1,222	1,178	819	—	—	—	—
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.— Ore	75,477	54,810	(a)	4	—	—	—
Finland— Ore	—	—	1,324	3,910	5,428	4,512	2,750
France— Molybdic acid and molyb- dates	1,573	364	26	25	26	10	—
Norway— Ore	15,663	13,311	551	7,848	12,514	8,550	7,855
Sweden— Ore	(a)	(a)	157	—	439	20	—
Ferro-molybdenum ..	(a)	(a)	1,259	1,088	819	990	—
Morocco (French)— Ore	5,096	4,724	1,614	—	(a)	(a)	(a)
Mexico— Ore and concentrates (<i>MoS₂ content</i>) ..	15,505	17,060	10,148	17,053	27,970	37,105	23,380
United States— Ore and concentrates ..	(b)	388,878	113,195	137,011	191,777	175,961	105,846
<i>MoS₂ content</i>	(b)	(a)	97,987	113,695	172,568	149,868	89,068
Metal, alloys and scrap ..	(a)	(a)	(a)	(a)	6,463	3,467	9,174
Ferro-molybdenum ..	(a)	(a)	(a)	(a)	54,375	9,963	39,532
Chile— Ore	(a)	819	13,879	6,606	21,552	25,000	34,000
Peru— Ores (<i>MoS₂ content</i>) ..	3,006	3,773	5,763	4,833	6,380	3,248	1,725
Turkey— Ore (<i>MoS₂ content</i>) ..	3,370	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Exports are not separately recorded in the trade returns of the United States, but are estimated to be 50% to 75% of output.

IMPORTS OF MOLYBDENUM ORE, ETC.

(Less Re-exports)

(Cwt.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	38,423	98,747	47,374	81,573	144,961	130,658	10,378
FOREIGN COUNTRIES							
Austria—							
Ferro-molybdenum ..	829	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ore	110,038	28,095	(a)	—	—	—	—
France—							
Molybdic acid and molybdates	26	157	—	6	—	—	(a)
Italy—							
Molybdenum metal ..	12	} (a)	(a)	(a)	(a)	(a)	(a)
Ferro-molybdenum ..	3,974						
Sweden—							
Ore	(a)	(a)	8,779	2,618	4,173	2,716	1,378
Ferro-molybdenum ..	(a)	(a)	832	64	17	4	33
U.S.S.R.—							
Ore	(b) 32,558	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ferro-molybdenum ..	39	14	(a)	(a)	(a)	(a)	(a)
United States—							
Ore (<i>MoS₂</i> content) ..	1,368	738	—	5	11,250	26,617	52,040
Ferro-molybdenum and alloys (<i>MoS₂</i> content)	—	392	—	—	—	—	—

(a) Information not available.

(b) January to September only.

MONAZITE
PRODUCTION OF MONAZITE
 (Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
India	5,221	4,320	4,146	3,475	1,300	1,908	2,016
Malaya	(a)	(a)	(a)	(a)	(b) 54	(b) 54	(b) 54
Australia	—	—	—	—	—	32	(2 cwt.)
FOREIGN COUNTRIES							
Netherlands East Indies ..	387	121	(a)	(a)	(a)	(a)	(a)
Brazil (exports)	318	47	177	841	1,408	1,525	3

(a) Information not available.

(b) Average annual production during Japanese occupation.

EXPORTS OF MONAZITE, ETC.

(Domestic Produce)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Gas mantles .. Gross	10,703	8,854	27,198	24,776	17,502	12,867	1,555
British India—							
Monazite sand Long tons	—	—	100	—	1,215	2,458	341
India (Travancore)—							
Monazite sand Long tons	3,997	4,516	2,842	1,698	200	—	250
Malaya (including re-exports)—							
Gas mantles .. Gross	80	54	392	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria—							
Gas mantles .. Cwt.	16	(b)	4	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Gas mantles .. Cwt.	—	8	(a)	—	—	—	—
France—							
Thorium nitrate and other rare-earth salts Cwt.	1,466	1,415	835	1,451	2,370	1,943	836
Gas mantles .. Gross	261	285	1,200	260	110	220	(a)
Germany—							
Gas mantles .. Gross	79,250	92,361	41,986	29,813	31,681	15,639	(c) 8,903
Hungary—							
Gas mantles .. Cwt.	24	—	(a)	(a)	(a)	(a)	(a)
Italy—							
Gas mantles .. Gross	1,142	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Gas mantles .. Gross	3	1	—	—	—	135	(a)
Poland—							
Gas mantles .. Cwt.	14	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Gas mantles .. Cwt.	31	44	15	8	4	1	2
United States—							
Thorium composite Cwt.	(a)	(a)	(a)	(a)	276	296	121
Gas mantles .. Gross	7,113	9,056	14,602	16,040	16,939	19,117	18,574
Brazil—							
Monazite sand Long tons	318	47	177	841	1,407	1,526	3

NOTE.—Where the quantity of gas mantles is returned by weight, the figure given is intended to represent weight of gas mantles exclusive of packing, etc.

(a) Information not available.

(b) January to March only.

(c) January to July only.

IMPORTS OF MONAZITE, ETC.

(Less Re-exports)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Thorium nitrate, etc. Cwt.	54	40	40	3	—	1	44
Gas mantles .. Gross	1,246	1,378	990	417	30	555	505
Eire—							
Gas mantles .. Gross	2,675	2,897	2,718	2,416	2,074	670	617
Canada—							
Thorium and cerium salts .. £	1,335	2,066	4,481	5,238	3,503	2,514	3,696
British West Indies—							
Trinidad and Tobago—							
Gas mantles .. Gross	304	305	399	129	864	160	826
Aden—							
Gas mantles .. £	481	752	144	7	88	67	679
British India—							
Gas mantles .. £	10,133	13,800	5,619	1,319	2,268	1,853	1,797
Burma—							
Gas mantles .. £	4,458	(a)	(a)	(a)	(a)	(a)	(a)
Ceylon—							
Gas mantles .. Gross	1,400	2,156	—	—	—	—	—
Malayan Union (total imports)—							
Gas mantles .. Gross	5,298	4,894	12,342	(a)	(a)	(a)	(a)
Australia—							
Gas mantles .. Gross	4,318	4,699	5,075	2,696	2,574	3,693	4,437
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Gas mantles .. Cwt.	8	(a)	(a)	—	—	—	—
Czecho-Slovakia—							
Gas mantles .. Cwt.	4	(a)	(a)	(a)	(a)	(a)	(a)
Estonia—							
Gas mantles .. Gross	624	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Gas mantles .. Cwt.	41	52	38	39	39	30	9
France—							
Thorium nitrate and other rare-earth salts Cwt.	2	—	—	—	37	173	1
Gas mantles .. Gross	264	403	56	—	646	40	(a)
Germany—							
Monazite sand Long tons	2,377	40	—	208	16	—	—
Gas mantles .. Gross	—	14	—	—	1,521	896	—
Hungary—							
Gas mantles .. Cwt.	12	8	(a)	(a)	(a)	(a)	(a)
Italy—							
Gas mantles .. Gross	75	(a)	(a)	(a)	(a)	(a)	(a)
Thorium and cerium salts .. Cwt.	79						
Netherlands—							
Gas mantles .. Gross	5,697	9,022	4,966	2,425	5,035	3,379	(a)
Norway—							
Gas mantles .. Cwt.	18	31	23	48	42	15	12
Poland—							
Gas mantles .. Cwt.	10	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Gas mantles .. Cwt.	14	7	14	15	24	4	20
Switzerland—							
Gas mantles .. Cwt.	2	3	4	1	1	—	1

(a) Information not available.

IMPORTS OF MONAZITE, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Yugoslavia—							
Gas mantles .. Cwt.	10	8	(a)	(a)	(a)	(a)	(a)
Egypt—							
Gas mantles .. Gross	5,618	5,806	1,587	332	1,158	10	208
United States—							
Monazite sand and thorite Long tons	407	1,393	2,649	3,134	3,927	4,446	343
Argentina—							
Gas mantles .. Gross	9,370	8,385	12,984	10,190	17,288	10,684	3,740

NOTE.—Where the quantity of gas mantles is returned by weight, the figure given is intended to represent weight of gas mantles, exclusive of packing, etc.

(a) Information not available.

NICKEL
PRODUCTION OF NICKEL ORE

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Southern Rhodesia ..	75	480	—	—	—	—	—
Union of South Africa (f)	44	392	485	525	529	486	529
Canada	94,006	100,940	109,624	126,008	127,327	128,580	122,589
Burma (b)	944	899	733	(i) 464	(a)	(a)	(a)
Australia	20	(a)	(a)	(a)	(a)	(a)	(a)
TOTAL	95,100	102,700	110,800	127,000	127,900	129,100	123,200
FOREIGN COUNTRIES							
Greece (e)	1,188	(a)	(a)	(a)	(a)	(a)	(a)
Italy	(g) 120	(a)	(a)	(a)	(a)	(a)	(a)
Norway	1,225	1,089	991	893	897	568	521
U.S.S.R. (g)	2,500	(a)	8,600	15,000	(a)	(a)	(a)
Egypt	32	—	—	—	—	—	—
Morocco (French) ..	316	(a)	(a)	(a)	(a)	44	46
Cuba	(a)	(a)	(a)	(a)	(a)	2,391	4,605
United States (d) ..	371	352	495	(j) 553	546	573	882
Brazil	369	25	(a)	(a)	(a)	(a)	(a)
Japan	358	858	817	2,290	1,234	1,590	1,754
Netherlands East Indies (g)	400	450	1,968	(a)	(a)	(a)	(a)
New Caledonia (c) ..	9,430	11,458	11,743	10,477	6,685	5,334	5,943
TOTAL*	16,000	17,000	24,000	29,000	25,000	22,000	26,000
WORLD'S TOTAL* ..	111,000	120,000	135,000	156,000	153,000	151,000	150,000

* Nickel ores are also produced in Finland and Germany. Totals are approximate.

(a) Information not available.

(b) Nickel content of speiss obtained as a by-product in smelting operations.

(c) Content of ore as mined. The estimated content of ore, matte, etc., exported was:—

	Long tons		Long tons	
1938	7,200	1941	6,800	
1939	8,600	1942	5,594	
1940	7,500	1943	5,420	
		1944	5,524	

(d) Nickel content of salts and nickel produced as a by-product in the electrolytic refining of copper (partly from imported blister copper).

Secondary metal was recovered in the United States as follows:—

	Long tons		Long tons	
1938	2,054	1941	4,746	
1939	2,607	1942	3,698	
1940	4,598	1943	6,176	
		1944	3,858	

(e) Figures represent combined totals of nickel content and cobalt content of ores.

(f) Nickel content of platinum matte.

(g) Estimated.

(h) Years ended June 30 of year following that stated.

(i) Nine months ended March 31, 1942.

(j) In addition 37 tons of nickel in concentrates and mattes were produced as a by-product of talc.

EXPORTS OF NICKEL

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Cubes, rondels, etc. ..	12,289	8,452	6,021	1,137	1,108	1,315	1,505
Plates, sheets, etc. ..	105	92	62	6	6	1	2
Ingots, sheets, wire, etc. (alloys) ..	1,445	1,169	915	503	189	163	174
Scrap and alloyed ..	935	673	334	566	122	—	—
Nickel oxide ..	30	34	15	9	116	53	4
Southern Rhodesia—							
Ore ..	277	2,478	—	—	—	—	—
Canada—							
Ore, matté, etc. (Ni content) ..	39,575	42,010	34,361	38,050	36,842	32,513	30,222
Nickel, fine ..	47,041	60,638	73,364	78,339	78,846	85,035	87,061
Nickel oxide (Ni content) ..	1,644	2,166	3,450	6,464	8,235	3,475	1,109
Burma—							
Speiss ..	(a)	(a)	(c)	100	(a)	(a)	(a)
Hong Kong (including re-exports)—							
Nickel ..	111	46	4	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria—							
Crude, scrap and alloys ..	3	(b) —	}	(a)	(a)	(a)	(a)
Sheets, tubes, etc., and alloys ..	597	(b) 25		(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ingots, scrap, etc. ..	239	947	(a)	114	379	60	16
Sheets, wire, etc. ..	2,808	1,983	(a)	2	1	1	—
Czecho-Slovakia—							
Crude and scrap ..	18	}	(a)	(a)	(a)	(a)	(a)
Plates and sheets ..	39		(a)	(a)	(a)	(a)	(a)
Denmark—							
Scrap ..	69	85	5	3	8	2	1
Finland—							
Ore ..	(a)	(a)	(a)	(a)	(a)	80,256	50,717
France—							
Matte and speiss ..	—	4	—	—	4	21	(a)
Ingots ..	637	135	80	—	68	273	21
do. (alloys) ..	32	34	36	15	179	186	—
Sheets and wire ..	7	6	2	—	—	—	204
do. (alloys) ..	105	49	19	2	2	—	(a)
Germany—							
Nickel and chrome ores ..	—	2	—	1,346	4,013	6,096	(d) 738
Crude, scrap and coin ..	75	9	185	350	302	382	(d) 192
Bars, sheets, wire, etc. ..	269	280	40	155	166	84	(d) 51
Greece—							
Ore ..	51,563	59,174	22,204	(a)	(e)	(a)	(a)
Hungary—							
Crude, scrap, wire and alloys ..	—	6	(a)	(a)	(a)	(a)	(a)
Italy—							
Sheets, tubes, wire and alloys ..	2	(d) —	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) April to December only.

(d) January to July only.

(e) An import of 9,870 tons from Greece was recorded by Germany.

EXPORTS OF NICKEL (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands—							
Crude and scrap ..	1,267	1,477	32	113	16	4	(a)
Norway—							
Ingots	7,318	8,896	4,054	1,410	894	714	1,197
Sweden—							
Crude	1	5	23	17	14	2	1
Switzerland—							
Crude, scrap and alloys	262	121	11	—	—	—	—
Bars, sheets, etc., and							
alloys	509	687	167	4	—	3	—
Cuba—							
Ore	—	—	—	—	194	—	2,925
United States—							
Bars, rods, sheets and							
alloys	5302	8,473	9,753	5,442	1,898	2,928	3,077
Scrap and alloys ..					4,016	5,030	3,590
Nickel-silver bars, etc. ..	355	357	671	757	69	82	47
Brazil—							
Ore	1	—	—	435	24	494	—
New Caledonia—							
Ore	31,979	48,616	59,153	17,748	20	—	—
Matte, etc.	7,905	9,155	7,761	8,149	7,155	6,968	7,382

(a) Information not available.

IMPORTS OF NICKEL

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore, concentrates and matte	29,568	32,246	31,938	27,688	26,498	20,294	21,784
Cubes, rondels, etc. ..	6,711	3,688	5,042	4,016	1,076	400	324
Plates, sheets, etc. ..	2	7	14	42	20	276	148
Ingots, sheets, etc. (alloys)	2,355	3,915	5,869	3,188	3,745	4,225	2,954
Nickel mass	77	61	34	—	—	—	—
Scrap and alloyed	717	1,092	568	37	3	—	11
Nickel oxide	95	348	49	152	130	25	10
Eire—							
Nickel, alloys and manufactures	16	11	12	4	3	—	1
Canada—							
Ingots or blocks and alloyed	11	110	17	20	30	27	7
Bars, rods, sheets, etc. ..	371	443	402	681	393	436	336
do. (alloyed)	56	69	111	201	22	24	43
British India—							
Nickel-silver	1,749	1,394	902	714	5	—	—
Hong Kong (total imports)—							
Nickel	46	14	35	(a)	(a)	(a)	(a)
Australia—							
Ingots, sheets, scrap, etc.	103	260	2,594	4,555	2,230	1,248	58
FOREIGN COUNTRIES							
Austria—							
Crude, scrap and alloyed	1,500	(b) 212	} (a)	(a)	(a)	(a)	(a)
Sheets, tubes, etc., and alloyed	12	(b) —					
Belgium-Luxemburg E.U.—							
Ingots, scrap, etc. ..	1,795	899	(a)	1	25	3	1
Sheets, wire, etc. ..	271	230	(a)	8	2	3	—
Czecho-Slovakia—							
Crude and scrap	1,901	} (a)	(a)	(a)	(a)	(a)	(a)
Plates and sheets ..	43						
Denmark—							
Crude and scrap	80	101	35	9	21	44	9
Finland (total imports)—							
Crude and scrap	15	72	—	—	16	19	17
France—							
Ore	552	11	—	—	—	—	—
Matte and speiss	4,499	7,133	4,130	627	—	1	—
Ingots	3,409	3,457	6,889	—	4	11	58
do. (alloys)	31	75	18	3	—	2	2
Sheets and wire	196	162	84	—	4	5	—
do. (alloys)	849	761	435	48	40	10	2
Nickel sulphate and oxide	999	1,158	1,171	36	92	—	—
Germany—							
Ore	(d) 33,675	(d) 25,127	—	4,249	16,046	27,070	(c) 34,570
Crude, scrap and coin ..	3,921	3,361	5,339	3,539	2,353	1,165	(c) 425
Bars, sheets, wire, etc. ..	151	125	17	75	23	16	(c) 3
Greece	12	13	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) An export is recorded by Greece to Germany of 51,504 long tons in 1938 and 37,129 long tons in 1939, which are not, however, included in the German records.

IMPORTS OF NICKEL (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Hungary—							
Crude, scrap and alloys..	412	398	}	(a)	(a)	(a)	(a)
Bars and wire	92	80					
Italy—							
Ingots, scrap and alloyed	3,670	(c) 178	}	(a)	(a)	(a)	(a)
Sheets, tubes, wire, etc., and alloyed	283	(c) 132					
Latvia—							
Ingots, sheets and tubes..	24	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Crude and scrap	1,283	1,352	140	60	52	84	(a)
Norway—							
Crude, bars, rods, etc. ..	12	8	12	—	9	1	1
Matte (copper-nickel) ..	13,162	14,031	4,892	—	—	—	3,002
Poland—							
Ingots, sheets, scrap, etc.	729	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	3	4	8	1	1	—	—
Roumania—							
Crude, sheets and wire..	98	136	185	(a)	(a)	(a)	(a)
Spain—							
Ingots, bars, etc.	(a)	(a)	109	7	9	4	12
Sweden—							
Crude	2,555	2,376	1,080	66	27	92	150
Switzerland—							
Crude, scrap, and alloyed	879	995	650	20	14	58	42
Bars, sheets, etc., and alloyed.. .. .	355	245	183	92	31	22	10
U.S.S.R.—							
Ingots, etc.	(c) 8,244	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Crude, scrap and coin ..	8	10	}	(a)	(a)	(a)	(a)
Bars, sheets, wire, etc. ..	39	58					
Algeria—							
Sheets, wire and alloys ..	10	(a)	(a)	(a)	(a)	(a)	(a)
Egypt (total imports)—							
Crude, bars, sheets, etc.	36	28	4	—	4	1	4
Mexico—							
Ingots	(a)	13	55	4	(a)	(a)	(a)
United States—							
Ore and matte	6,509	12,694	15,576	35,666	35,883	38,827	32,488
Crude, tubes, etc., and alloys	19,623	44,431	62,973	66,958	72,132	82,660	82,194
Nickel oxide	248	728	4,012	8,024	10,694	4,629	4,879
Argentina	23	18	36	19	11	10	—
Brazil (total imports)—							
Cubes and sheets	154	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Ingots, bars and plates ..	64	119	77	44	17	(a)	(a)
Uruguay—							
Ingots,	3	1	1	(a)	(a)	2	5
China	12	18	50	(a)	(a)	(a)	(a)
French Indo-China	3	10	(a)	(a)	(a)	(a)	(a)
Iran (total imports) (b)—							
Ingots, bars, etc.	80	118	92	57	50	—	—

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

(c) January to September only.

IMPORTS OF NICKEL (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands East Indies—							
Crude, alloys, etc. ..	6	9	4	(a)	(a)	(a)	(a)
Philippine Islands	14	(a)	(a)	(a)	(a)	(a)	(a)
Siam	9	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Ingots, bars, sheets, alloys, etc.	13	10	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

NITROGEN COMPOUNDS
PRODUCTION OF NITRATES (NATURAL)

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
India— Nitrate of potash (d) ..	7,741	8,560	10,101	10,486	5,118	2,321	2,118
FOREIGN COUNTRIES							
Egypt— Nitrate shale (7% nitrate)	10,000	(c) 10,000	(b) 113,386	(a)	(a)	(a)	(a)
Chile— Nitrate of soda ..	1,375,963	1,417,721	1,461,615	1,393,976	1,311,674	1,152,654	975,062

* A small amount of nitrate of soda is also produced in Peru, and nitrified earth in Spain and China.

(a) Information not available.

(b) Converted at the rate of 1 cubic metre=2 long tons.

(c) Estimated.

(d) Exports plus consumption in tea gardens.

ESTIMATED PRODUCTION OF MANUFACTURED NITROGEN COMPOUNDS*

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
Ammonium salts expressed as 25% NH ₃ (e) ..	(a)	(b)	(a)	824,129	868,781	112,214	1,068,467
Eire and N. Ireland—							
Ammonium salts expressed as sulphate (25% NH ₃)	3,000	2,800	2,700	2,700	2,000	1,500	2,500
Union of South Africa—							
Ammonium sulphate (c)	1,036	1,264	996	3,672	576	97	—
Canada—							
Ammonium sulphate ..	109,600	115,951	103,285	88,091	104,282	175,361	187,123
Ammonium phosphate (c)	50,884	29,326	39,679	52,946	47,080	68,019	119,295
Cyanamide (d)	130,000	150,000	(a)	(a)	(a)	(a)	(a)
India—							
Ammonium sulphate ..	14,616	24,192	20,518	26,353	24,956	19,520	21,118
Australia—							
Ammonium sulphate (c)	21,686	24,394	25,620	26,746	28,244	23,988	23,220
FOREIGN COUNTRIES							
Belgium—							
Ammonium sulphate ..	280,000	249,000	} (a)	(a)	(a)	(a)	(a)
Cyanamide	25,000	19,700					
Denmark—							
Ammonium sulphate ..	336	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Ammonium sulphate ..	229,000	303,600	177,500	167,300	128,300	112,200	90,800
Cyanamide (c)	62,300	(a)	48,600	50,000	28,300	11,400	5,400
Nitrate of soda	160,600	(a)	80,800	27,600	27,800	26,400	12,400
Nitrate of lime (c) ..	107,721	(a)	140,300	152,000	173,400	147,000	128,000
Nitrate of ammonia (c) ..	(a)	(a)	53,000	33,000	(a)	53,000	29,000
"Ammonitrate"	113,500	(a)	92,800	128,500	143,400	152,600	128,000
Germany (f)—							
Chemical nitrogen (N content)—							
Fertilizer	734,749	824,939	808,989	817,720	743,249	641,542	492,376
Technical use	100,716	115,513	147,587	195,962	232,893	284,976	352,159
Hungary—							
Ammonium sulphate ..	1,700	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Ammonium sulphate ..	206,309	277,380	311,454	310,700	256,920	} (a)	(a)
Cyanamide	147,307	205,679	129,144	182,972	110,237		
Nitrate of soda	6,211	7,512	4,043	3,232	2,715		
Nitrate of lime	137,338	186,711	149,208	197,294	189,371		
Nitrate of ammonia ..	48,830	37,208	54,836	50,098	41,757		
Di-ammonium phosphate	25,763	27,512	20,944	3,739	308		
Netherlands—							
Ammonium sulphate ..	290,000	} (a)	(a)	(a)	(a)	(a)	(a)
Nitrate of lime	52,200						
Norway—							
Cyanamide	44,866	32,361	22,420	58,549	33,571	46,943	} (a)
Nitrate of ammonia ..	8,919	2,660	4,892	2,499	4,740	3,756	
Nitrate of lime	324,287	337,763	333,681	330,692	303,145	443,336	
Nitrate of soda	21,059	33,505	18,407	(a)	856	2,559	
Ammonium sulphate ..	7,800	7,566	2,569	(a)	(a)	(a)	
Lime ammonium nitrate	45,122	48,494	9,815	17,695	12,588	47,793	
Dolomite ammonium nitrate	59,605	55,911	42,951	(a)	(a)	(a)	

* Includes by-product ammonium sulphate which is separately recorded as far as available on pages 71-73.

(a) Information not available.

(b) Gas-works only.

(c) Years ended June 30 of the year stated.

(d) Estimated.

(e) Actual ammonium sulphate production in Great Britain and Northern Ireland was (long tons):—1940—543,734; 1941—639,381; 1942—677,986; 1943—873,993; 1944—839,054.

(f) Years ended May 31 of the year stated.

ESTIMATED PRODUCTION OF MANUFACTURED NITROGEN COMPOUNDS (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Ammonium sulphate ..	66,479	b, f 36,000	(a)	(a)	(a)	(a)	(a)
Wapnamon	4,279	b, c 3,880	}	(a)	(a)	(a)	(a)
Cyanamide	79,089	(a)					
Nitrate of soda	3,863	(a)					
Saletrzak	16,089	c, d 38,000					
Nitrophos	98	(a)					
Nitrate of ammonia	4,271	(a)					
Nitrate of lime	81,528	(a)					
Spain—							
Ammonium sulphate ..	11,500	15,500	21,500	10,448	16,771	19,397	17,824
Sweden—							
Compressed ammonia (100%)	(a)	(a)	123	113	132	198	225
Ammonium sulphate (e) ..	4,888	5,370	4,526	3,984	4,732	4,583	3,742
Ammonia (25%)	1,099	1,300	1,247	1,044	1,670	2,225	2,851
Nitrogen fertilizer (N content)	8,138	7,815	5,843	9,138	15,462	16,313	18,075
Switzerland (estimated)—							
Ammonium sulphate ..	3,000	3,000	3,000	3,000	3,000	3,000	3,000
U.S.S.R. (estimated)—							
Fertilizer Nitrogen (N content)	120,000	}	(a)	(a)	(a)	(a)	(a)
Industrial Nitrogen (N content)	20,000						
Yugoslavia—							
Cyanamide (estimated) ..	39,500	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Sulphate equivalent of ammonia produced (coke-ovens)	462,842	604,288	742,954	777,457	805,815	801,512	843,663
Japan—							
Ammonium sulphate ..	1,091,000	993,000	1,092,000	1,222,000	1,082,000	951,000	701,000
Cyanamide	240,000	171,000	190,000	228,000	200,000	164,000	163,000
Synthetic fertilizer	422,000	189,000	91,000	78,000	104,000	63,000	63,000
Manchuria—							
Ammonium sulphate ..	223,400	156,000	(f) 218,000	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended June 30 of the year stated.

(c) Chorzow only.

(d) Upper Silesia and Chorzow only.

(e) Amount from gas and coke works only. Other ammonium sulphate included with "Nitrogen fertilizer."

(f) Upper Silesia only.

EXPORTS OF NITROGEN COMPOUNDS

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Nitrate of potash ..	1,020	967	937	1,087	600	273	264
Nitrate of soda ..	1,401	3,816	194	260	359	51	63
Nitrate of lime ..	1	9	77	1	20	—	—
Ammonium sulphate ..	313,393	286,191	166,291	10,213	39,174	6,149	133,063
Ammonium chloride ..	4,314	5,699	9,539	7,110	6,117	10,805	11,923
Ammonium nitrate ..	16,326	23,100	10,467	8,361	18,690	690	11,458
Liquid ammonia ..	414	577	603	356	312	347	431
Anhydrous ammonia ..	790	754	507	829	76	204	307
Canada—							
Ammonium sulphate ..	68,921	97,554	64,719	53,107	70,746	125,964	149,550
Cyanamide ..	123,640	148,310	(a)	(a)	(a)	(a)	(a)
British India—							
Nitrate of potash ..	7,441	8,185	9,726	10,096	4,518	2,061	1,223
Ammonium sulphate ..	1,313	3,633	403	20	—	—	—
Hong Kong (including re-exports)—							
Nitrate of potash ..	451	460	291	(a)	(a)	(a)	(a)
Ammonium sulphate ..	85,714	57,376	20,067	(a)	(a)	(a)	(a)
Ammonium chloride ..	227	164	229	(a)	(a)	(a)	(a)
Anhydrous ammonia ..	4	10	24	(a)	(a)	(a)	(a)
Malaya (including re-exports)—							
Nitrate of potash ..	380	367	156	(a)	(a)	(a)	(a)
Other nitrogen fertilizers	1,647	1,230	1,625	(a)	(a)	(a)	(a)
Australia—							
Ammonium sulphate ..	75	158	101	63	3	—	89
FOREIGN COUNTRIES							
Austria (b)—							
Nitrate of potash ..	175	5	} (a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	—	5					
Liquid ammonia ..	3	—					
Belgium-Luxemburg E.U.—							
Nitrate of potash ..	239	87	(a)	10	—	—	—
Nitrate of soda ..	745	28,238	(a)	24	—	—	—
Nitrate of lime ..	2,567	3,136	(a)	—	501	—	—
Ammonium sulphate ..	144,657	128,725	(a)	1,614	15,602	226	—
Ammonium chloride ..	2,532	3,255	(a)	101	65	1,092	2,506
Ammonium nitrate ..	14,754	3,669	(a)	2	3,146	2,048	—
Ammonium carbonate ..	445	476	(a)	2	—	2	15
Ammonium phosphate ..	10,171	10,080	(a)	152	2	170	3
Cyanamide ..	122	353	(a)	—	—	—	—
Liquid ammonia ..	367	493	(a)	—	7,463	12,656	99
Czecho-Slovakia—							
Nitrate of potash ..	14	} (a)	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	35						
Ammonium sulphate ..	260						
Ammonium chloride ..	178						
France—							
Nitrate of potash ..	3,362	3,997	2,902	21	70	—	(a)
Nitrate of soda ..	1,308	2,253	2,327	11,028	557	—	(a)
Nitrate of lime ..	1,628	2,447	2,479	232	13,047	493	983
Ammonium sulphate (c)	16,222	18,187	31,731	23,034	24,457	3,373	2,164
Cyanamide ..	868	2,205	5,887	2,080	4,607	—	—
Liquid ammonia ..	351	318	232	154	161	3	305

(a) Information not available.

(b) Figures for 1939 as for January to March only.

(c) May include some "Ammonium nitrate."

EXPORTS OF NITROGEN COMPOUNDS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Nitrate of potash ..	26,510	28,915	11,571	14,161	9,024	9,133	(f) 3,158
Nitrate of soda ..	19,151	11,611	4,688	2,447	1,954	1,942	(f) 1,742
Nitrate of lime, etc. ..	169,758	225,410	31,795	80,747	83,164	28,466	(f) 49,826
Ammonium sulphate ..	299,728	238,153	68,390	88,373	90,509	82,208	(f) 50,509
Ammonium chloride ..	7,259	8,891	2,948	3,992	4,982	3,699	(f) 708
Ammonium nitrate, etc. ..	21,584	11,698	7,306	3,975	6,828	8,404	(f) 2,779
Cyanamide ..	5,225	4,694	17,322	3,157	5,746	2,336	(f) —
Liquid ammonia ..	9,897	7,502	630	788	1,153	1,253	(f) 634
Hungary—							
Nitrates of soda and lime	1	1,640	} (a)	(a)	(a)	(a)	(a)
Ammonium sulphate, etc.	(b) 20,674	13,556					
Liquid ammonia ..	64	19					
Italy (c)—							
Nitrate of soda ..	9	74	} (a)	(a)	(a)	(a)	(a)
Nitrate of lime ..	44	21					
Ammonium nitrate ..	370	(a)					
Ammonium sulphate ..	425	2,928					
Cyanamide ..	69	2					
Other nitrogen fertilizers	650	(a)	} (a)	(a)	(a)	(a)	(a)
Liquid ammonia ..	19	10					
Netherlands—							
Nitrate of potash ..	54	37	4	—	77	—	} (a)
Nitrate of soda ..	121	(d) 147	—	—	5	5	
Nitrate of lime ..	3,756	7,370	4,449	—	—	—	
Ammonium sulphate ..	219,864	134,795	87,139	—	—	910	
Ammonium chloride ..	17	33	11	—	—	19	
Ammonium nitrate ..	110	55	—	—	—	—	
Lime ammonium nitrate	1,042	3,964	1,382	—	2,082	—	
Cyanamide ..	2	—	—	—	—	—	
Other nitrogen fertilizers	230	185	60	13	—	—	
Norway—							
Nitrate of soda ..	12,363	37,122	7,780	4,123	1,464	407	922
Nitrate of lime ..	398,039	399,973	313,013	306,881	281,958	281,658	209,621
Ammonium sulphate ..	469	9,310	46	—	—	—	—
Ammonium nitrate ..	1,989	2,175	4,466	247	771	246	527
Cyanamide ..	39,346	26,901	16,071	54,904	24,831	47,211	30,104
Nitrophoska ..	(a)	(a)	483	—	—	—	—
Poland—							
Nitrate of potash ..	277	} (a)	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	419						
Nitrate of lime ..	13,959						
Ammonium chloride ..	1,992						
Ammonium sulphate ..	32,574						
Cyanamide ..	2,508						
Spain—							
Ammonium sulphate ..	(a)	(a)	332	171	176	54	92
Sweden—							
Nitrates of potash, soda and lime ..	9	3	15	(e) 4,921	—	1	—
Liquid ammonia ..	9	15	10	—	1	—	—
Switzerland—							
Nitrate of potash (crude)	17,387	12,116	6,056	2,860	4,412	4,422	1,013
Nitrates of potash and soda (purified) ..	5	388	125	—	—	—	—

(a) Information not available.

(b) Chiefly "Pet nitrate," i.e., lime ammonium nitrate.

(c) Figures for 1939 are for January to March only.

(d) Includes re-exports.

(e) Nitrate of lime.

(f) January to July only.

EXPORTS OF NITROGEN COMPOUNDS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944														
FOREIGN COUNTRIES (Cont.)																					
U.S.S.R.—																					
Nitrates of potash and soda	} (b) 19,124	(a)	(a)	(a)	(a)	(a)	(a)														
Ammonium sulphate ..																					
Yugoslavia—																					
Cyanamide	38,332	27,303	(a)	(a)	(a)	(a)	(a)														
Algeria—																					
Ammonium sulphate ..	48	(a)	(a)	(a)	(a)	(a)	(a)														
United States—																					
Nitrate of soda	} 177,774	119,291	100,018	60,050	} 43,445	6,046	10,355														
Nitrate of potash, etc. ..								} 30,716	46,664	150,852	84,616	} 3,043	3,661	2,957							
Ammonium nitrate ..															} 16,025	22,676	25,569	8,357	4,745	3,001	1,124
Other nitrogen fertilizers																						} 1,210	2,149	4,643	5,409	1,059	1,771	3,235
Ammonium sulphate ..	(a)	(a)	(a)	(a)	1,582	6,083	2,232														
Nitrogen phosphatic fertilizers	16,025	22,676	25,569	8,357	4,745	3,001	1,124														
Anhydrous ammonia ..	1,210	2,149	4,643	5,409	1,059	1,771	3,235														
Liquid ammonia ..	(a)	(a)	(a)	(a)	1,582	6,083	2,232														
Chile—																					
Nitrate of soda	1,547,984	1,559,491	1,401,516	1,250,414	1,187,913	1,043,000	1,083,000														
Japan—																					
Nitrate of potash	298	307	} (a)	(a)	(a)	(a)	(a)														
Nitrate of soda	158	81																			
Ammonium sulphate ..	23	30																			
Cyanamide	2,063	(a)																			
Manchuria—																					
Ammonium sulphate ..	208,980	(a)	(a)	(a)	(a)	(a)	(a)														

(a) Information not available.

(b) January to September only.

IMPORTS OF NITROGEN COMPOUNDS

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Nitrate of potash ..	2,460	4,793	5,273	3,852	2,325	1,464	963
Nitrate of soda ..	46,212	62,934	58,642	161,205	92,846	11,628	3,195
Nitrate of lime ..	5,116	6,672	2,750	—	—	—	—
Cyanamide ..	4,911	4,482	1,297	501	350	500	565
Ammonium sulphate ..	28	31	26	—	—	—	—
Ammonium chloride ..	1,526	1,715	69	—	—	—	—
Ammonium nitrate ..	1,572	1,052	603	10,000	—	—	2
Anhydrous ammonia ..	43	37	3	—	—	—	—
Eire—							
Nitrate of potash ..	277	274	270	191	121	4	56
Nitrate of soda ..	2,042	2,865	1,497	1	39	5	17
Ammonium sulphate ..	31,410	28,086	45,969	769	619	4,104	3,151
Anhydrous ammonia ..	6	603	15	6	10	25	18
Anglo-Egyptian Sudan—							
Ammonium sulphate ..	2,089	(a)	1,125	2	6	—	—
Mauritius—							
Nitrate of potash ..	4,450	3,839	4,314	3,170	210	102	2,500
Nitrate of soda ..	149	594	4,620	5,852	6,935	783	2,606
Ammonium sulphate ..	10,951	11,190	11,175	2,003	9,630	—	4,000
Northern Rhodesia—							
Nitrates ..	5	4	1	—	50	—	—
Southern Rhodesia—							
Nitrates ..	64	115	112	122	125	105	100
Anhydrous ammonia ..	16	9	5	14	10	11	12
South West Africa—							
Anhydrous ammonia ..	5	8	16	4	2	4	4
Union of South Africa—							
Nitrate of potash (b) ..	81	14	46	3	2	—	—
Nitrate of soda (b) ..	5,621	12,774	7,461	11,460	14,421	1	—
Ammonium sulphate ..	15,747	14,065	27,204	3,735	4,615	9,116	2,954
Ammonium chloride (b) ..	205	205	337	289	367	205	187
Ammonium nitrate (b) ..	11,059	12,092	8,757	2,346	9,580	917	7,418
Anhydrous ammonia (b) ..	153	142	130	39	3	—	—
British Guiana—							
Nitrogen fertilizers ..	10,205	11,720	(a)	(a)	(a)	(a)	(a)
Canada—							
Nitrate of potash ..	1,031	664	458	809	750	837	970
Nitrate of soda ..	30,865	35,832	39,409	49,737	33,628	14,230	14,035
Ammonium sulphate ..	5,277	2,872	317	51	4,504	35	93
Ammonium chloride ..	1,032	1,820	1,784	1,126	504	36	973
Ammonium nitrate ..	7,104	4,948	6,226	1,056	79	103	67
Anhydrous ammonia ..	(a)	144	869	1,032	55	29	32
British West Indies—							
Barbados—							
Nitrate of soda ..	307	171	1,023	395	—	—	785
Ammonium sulphate ..	5,528	4,830	12,638	6,572	450	3,083	10,985
St. Vincent—							
Ammonium sulphate ..	449	—	—	—	—	—	—
Trinidad and Tobago—							
Ammonium sulphate ..	6,885	5,971	10,121	2,483	—	180	2,441
British India—							
Nitrate of soda ..	2,624	4,620	5,166	1,211	1,609	—	4,004
Ammonium sulphate ..	72,554	85,206	51,380	2,278	1,361	—	34,234
Ammonium phosphate ..	3,353	1,314	1,208	652	—	—	54,822
Ammonium chloride ..	1,342	1,463	2,623	1,859	1,563	721	5,054

(a) Information not available.

(b) Total imports

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
<i>British India—cont.</i>							
Other ammonium salts	858	739	1,210	827	520	429	2,072
Anhydrous ammonia ..	143	143	134	150	101	40	122
Other nitrogen fertilizers	1,091	3,619	900	20	—	—	—
<i>Burma—</i>							
Nitrogen fertilizers ..	22	32	167	(a)	(a)	(a)	(a)
Ammonium sulphate ..	269	357	1,265	(a)	(a)	(a)	(a)
Ammonium phosphate ..	—	654	5	(a)	(a)	(a)	(a)
Ammonium chloride ..	16	31	43	(a)	(a)	(a)	(a)
Anhydrous ammonia ..	31	21	29	(a)	(a)	(a)	(a)
<i>Ceylon—</i>							
Nitrate of potash refuse	1,148	941	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	568	5,493					
Ammonium sulphate ..	34,898	27,902					
Cyanamide—	1,250	2,673					
<i>Cyprus—</i>							
Ammonium chloride ..	6	—	(a)	(a)	(a)	(a)	(a)
<i>Hong Kong (total imports)—</i>							
Nitrate of potash ..	714	275	339	(a)	(a)	(a)	(a)
Nitrate of soda ..	30	90	238	(a)	(a)	(a)	(a)
Ammonium sulphate ..	73,511	65,735	14,554	(a)	(a)	(a)	(a)
Ammonium chloride ..	958	560	1,483	(a)	(a)	(a)	(a)
Anhydrous ammonia ..	16	30	13	(a)	(a)	(a)	(a)
<i>Malayan (total im- ports)—</i>							
Nitrate of potash ..	496	561	221	(a)	(a)	(a)	(a)
Other nitrogen fertilizers	31,157	29,362	31,853	(a)	(a)	(a)	(a)
<i>Palestine—</i>							
Nitrogen fertilizers ..	4,913	5,125	2,106	(a)	3,290	5,234	5,795
Anhydrous ammonia ..	17	13	10	18	30	4	3
<i>Australia—</i>							
Nitrate of potash ..	381	818	366	892	578	332	91
Nitrate of soda ..	9,635	14,256	36,590	35,108	4,327	32,499	16,419
Ammonium chloride ..	1,705	1,486	2,403	563	668	827	5
Ammonium sulphate ..	28,696	25,034	20,941	13,843	44	53	2,394
<i>New Zealand—</i>							
Nitrate of potash ..	64	69	53	4	47	21	5
Nitrate of soda ..	2,834	1,794	4,303	2,225	2,207	1,560	2
Ammonium sulphate ..	5,443	4,721	2,947	1,646	1,885	1,914	6,176
Ammonium chloride ..	90	144	167	146	165	220	107
Anhydrous ammonia ..	25	10	4	24	43	41	39
FOREIGN COUNTRIES							
<i>Austria (b)—</i>							
Nitrate of soda ..	3,044	2,379	(a)	(a)	(a)	(a)	(a)
Nitrate of lime ..	—	2,740					
Cyanamide ..	9,600	4,304					
Ammonium nitrate ..	154	—					
Ammonium chloride ..	23	—					
Lime ammonium nitrate	3,174	—					
<i>Belgium-Luxemburg E.U.—</i>							
Nitrate of potash ..	1,540	1,241	(a)	68	33	40	176
Nitrate of soda ..	52,008	43,884	(a)	—	17	1	—
Nitrate of lime ..	1,907	2,579	(a)	—	16	—	—
Cyanamide ..	13,306	7,344	(a)	—	—	—	—
Ammonium sulphate ..	60	2	(a)	1,377	151	1,843	3,316
Ammonium chloride ..	218	75	(a)	84	111	20	2
Ammonium nitrate ..	10	56	(a)	—	14,595	—	—

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) April to December only.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Bulgaria—							
Nitrate of potash ..	118	(a)	(a)	91 412 563 78 28	169 1 1,016 234 34	123 19 1,696 193 65	20 5 604 27 18
Nitrate of soda ..	58						
Ammonium nitrate, etc.	372						
Ammonium chloride ..	89						
Liquid ammonia ..	21						
Czecho-Slovakia—							
Nitrate of soda ..	10,308	(a)	(a)	(a)	(a)	(a)	(a)
Ammonium chloride ..	61						
Cyanamide, etc. ..	19						
Denmark—							
Nitrate of potash ..	590	809	356	261	316	321	302
Nitrate of soda ..	66,457	55,115	4,400	89	198	144	349
Nitrate of lime ..	138,648	129,038	160,165	151,811	200,898	178,043	151,571
Ammonium sulphate ..	77,147	35,925	27,534	36,592	14,919	17,401	16,700
Ammonium chloride ..	429	632	343	500	300	395	117
Ammonium nitrate ..	10,917	7,389	1,034	79	93	73	83
Cyanamide ..	3,857	1,320	1,441	15,850	10,267	26,776	17,859
Nitrophoska ..	1,755	1,547	—	—	—	—	—
Estonia—							
Nitrate of potash ..	41	(a)	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	1,545						
Nitrate of lime ..	4,150						
Ammonium sulphate ..	1,115						
Ammonium chloride ..	33						
Cyanamide ..	1,107						
Nitrophoska ..	181						
Finland (total imports)—							
Nitrate of potash ..	45	79	72	93	262	36	14
Nitrate of soda ..	9,070	4,308	39	81	73	29	5
Nitrate of lime ..	35,475	28,911	36,271	50,808	43,553	49,393	28,896
Ammonium nitrate ..	445	1,502	197	1,906	1,116	2,366	1,908
Ammonium sulphate ..	5,593	10,984	10,519	9,511	19,904	18,516	5,122
Ammonium chloride ..	53	49	88	124	320	168	43
Cyanamide ..	(a)	(a)	(a)	2,043	—	4,226	1,767
Liquid ammonia ..	10	(a)	14	3	3	60	102
France—							
Nitrate of soda ..	201,253	146,408	92,928	96	—	—	—
Nitrate of lime, etc. ..	27,022	—	17,155	—	—	—	(a)
Ammonium sulphate (b)	69,476	34,732	—	1,358	28,311	6,971	1,638
Ammonium nitrate ..	1	660	2,555	—	—	1	(a)
Liquid ammonia ..	3	—	—	—	6,244	2,457	1
Germany—							
Nitrate of potash ..	11	6	32	—	2	—	(c) —
Nitrate of soda ..	144,725	151,133	291	347	5	5	(c) —
Nitrate of lime, etc. ..	5	6	14,780	6,874	1,240	316	(c) 902
Cyanamide ..	—	3,089	5,686	3,513	322	39	(c) —
Ammonium sulphate ..	—	62	1,033	68	—	95	(c) 945
Ammonium chloride ..	—	—	—	—	28	513	(c) 3,216
Liquid ammonia ..	42	18	39	11	9,160	32,179	(c) 9,013
Greece—							
Nitrate of potash ..	142	5	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	7,812	6,723	9,668				
Ammonium nitrate ..	347	76	906				
Ammonium sulphate ..	21,314	20,744	14,714				
Liquid ammonia ..	9,814	4,930	94				
Hungary—							
Nitrates of soda and lime	109	3,729	(a)	(a)	(a)	(a)	(a)
Ammonium sulphate, etc.	9	7					

(a) Information not available.

(b) May include some "ammonium nitrate."

(c) January to July only.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Iceland—							
Nitrate of lime	1,476	1,476	—	—	2	—	—
Nitrate of soda	—	—	509	—	6	4	—
Ammonium sulphate ..	(a)	(a)	(a)	3,035	3,460	2,946	2,947
Lime ammonium nitrate	620	787	984	—	—	—	—
Nitrophoska	1,299	1,688	492	—	—	—	—
Other nitrogen fertilizers	9	9	18	—	30	100	100
Italy (b)—							
Nitrate of potash	160	89	}	(a)	(a)	(a)	(a)
Nitrate of soda	50,593	68,103					
Nitrate of lime	19,440	—					
Ammonium sulphate ..	19,421	—					
Ammonium chloride ..	74	48					
Cyanamide	14,016	2,158					
Latvia—							
Nitrate of potash	72	}	(a)	(a)	(a)	(a)	(a)
Nitrate of soda	10,778						
Nitrate of lime	8,345						
Nitrophoska	1,748						
Ammonium sulphate ..	5,463						
Ammonium chloride ..	40						
Ammonium nitrate	81						
Lime ammonium nitrate	1,494						
Lithuania—							
Nitrate of potash	6	}	(a)	(a)	(a)	(a)	(a)
Nitrate of soda	555						
Nitrate of lime	5,570						
" Leuna " nitrate	2,115						
Nitrophoska	138						
Ammonium sulphate ..	638						
Netherlands—							
Nitrate of potash	2,699	7,322	7,907	9,395	5,443	275	}
Nitrate of soda	65,012	75,838	9,232	3,539	573	516	
Nitrate of lime	2,150	—	—	35,880	—	—	
Ammonium sulphate ..	396	25,293	13,068	13	—	15	
Ammonium chloride ..	447	776	466	565	835	452	
Ammonium nitrate	4,821	4,131	1,609	5,551	—	—	
Lime ammonium nitrate	72,378	56,400	22,026	9,086	2,550	2,644	
Cyanamide	31,843	15,569	7,366	27,411	12,866	—	
Other nitrogen fertilizers	10	133	1,000	268	78	17	
Norway—							
Nitrate of potash	158	138	59	45	77	53	37
Nitrate of soda	973	620	1	—	—	39	—
Ammonium sulphate ..	1	13	2	2	6	—	15
Ammonium nitrate	—	1	—	—	—	800	581
Poland—							
Nitrates of potash and soda	33	}	(a)	(a)	(a)	(a)	(a)
Ammonium sulphate ..	3,401						
Ammonium chloride ..	87						
Portugal—							
Nitrate of potash	76	36	67	41	152	79	50
Nitrate of soda	7,641	16,672	12,123	14,257	33,634	43,392	39,860
Nitrate of lime	1,378	600	(a)	(a)	—	(a)	(a)
Ammonium sulphate ..	62,404	68,224	50,548	37,543	195	16,114	3,348
Ammonium chloride ..	16	29	33	43	78	64	48
Ammonium nitrate	360	772	642	343	280	707	697
Cyanamide	2,998	3,472	2,517	1,594	(a)	(a)	(a)

(a) Information not available.

(b) Figures for 1939 are for January to July only.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Roumania—							
Nitrate of potash ..	191	225	163	} (a)	(a)	(a)	(a)
Nitrate of soda ..	452	553	453				
Ammonium nitrate ..	324	429	516				
Ammonium sulphate ..	456	480	356				
Ammonium chloride ..	95	(a)	(a)				
Spain—							
Nitrate of soda ..	(a)	(b) 29,783	65,910	51,663	36,575	26,733	44,926
Cyanamide ..	(a)	(b) —	4	8,849	11,988	2,102	4,296
Ammonium sulphate ..	(a)	(b) 72,413	36,397	18,242	29,845	56,075	353
Synthetic nitrates ..	(a)	(b) 42,532	5,345	19,527	10,687	15,605	23,792
Sweden—							
Nitrate of potash ..	536	783	673	672	531	317	288
Nitrate of soda ..	61,714	80,415	18,266	1,557	1,549	761	18,276
Nitrate of lime ..	69,329	137,213	117,788	125,460	102,528	98,849	69,685
Ammonium nitrate ..	2	20	4,005	10	38	93	—
Ammonium sulphate ..	3,404	6,116	4,719	9,939	6,182	2,988	3,148
Ammonium chloride ..	604	971	407	492	570	550	327
Liquid ammonia ..	25	17	11	10	4	—	—
Switzerland—							
Nitrate of potash, crude	—	8	—	—	—	—	—
Nitrate of soda (Chilean)	218	837	243	—	—	—	—
Nitrates of potash and soda, purified	1,398	1,148	753	2,830	940	184	94
Ammonium sulphate, etc.	42	33	5	7	3	1,970	—
Ammonium chloride ..	234	310	356	265	494	235	62
Liquid ammonia ..	3	2	—	—	—	—	—
Yugoslavia—							
Nitrate of potash ..	13	32	} (a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	1,127	1,718					
Ammonium sulphate ..	387	573					
Ammonium chloride ..	117	265					
Ammonium nitrate ..	2,011	2,762					
Liquid ammonia ..	45	22	—	—	—	—	—
Algeria—							
Nitrate of potash ..	189	} (a)	(a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	889						
Nitrate of lime ..	808						
Ammonium sulphate ..	13,001						
Cyanamide ..	306						
Liquid ammonia ..	50	—	—	—	—	—	—
Egypt—							
Nitrate of soda ..	185,159	223,890	264,218	—	146,535	147,438	229,739
Nitrate of lime ..	201,010	142,299	27,410	—	—	—	—
Ammonium sulphate ..	18,569	15,950	24,234	3,898	—	6,375	21,479
Ammonium chloride ..	370	329	213	410	524	330	94
Cyanamide ..	591	148	1	—	—	—	—
Sulpho-nitrate of ammonia	9,414	6,988	—	—	—	—	—
Ammonium nitrate ..	14,746	12,880	12,330	—	—	—	14,151
Nitro-chalk ..	21,994	21,270	14,050	—	—	—	—
French West Africa—							
Nitrogen fertilizers ..	1,016	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar—							
Nitrate of potash ..	106	(a)	156	—	(a)	—	(a)
Nitrate of soda ..	57	(a)	60	14	(a)	—	(a)
Ammonium sulphate ..	490	(a)	256	—	(a)	—	(a)
Morocco (French)—							
Nitrogen fertilizers ..	2,528	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish)—							
Nitrate of soda ..	1	} (a)	(a)	(a)	(a)	(a)	(a)
Ammonium sulphate ..	229						

(a) Information not available.

(b) April to December only.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Mozambique—							
Ammonium sulphate ..	5	10	20	17	—	10	—
Tunis—							
Nitrate of potash ..	92	(a)	(a)	1	9	—	} (a)
Nitrate of soda ..	302	(a)	(a)	291	123	97	
Nitrate of lime ..	39	(a)	(a)	—	—	—	
Ammonium sulphate ..	724	(a)	(a)	453	408	24	
Cuba—							
Nitrates of potash and soda	991	4,339	2,522	591	12,208	632	2,416
Ammonium sulphate ..	4,809	8,205	4,371	6,203	3,381	2,767	4,564
Anhydrous ammonia ..	(a)	(a)	77	174	106	137	87
Martinique—							
Nitrate of soda ..	} 11,584	(a)	(a)	(a)	(a)	(a)	(a)
Ammonium sulphate ..							
Cyanamide ..							
Mexico—							
Nitrates of potash and soda	7,390	12,570	10,933	18,298	(a)	(a)	(a)
Ammonium sulphate ..	2,637	1,896	589	33	19	96	100
Ammonium chloride ..	191	193	291	325	(a)	(a)	(a)
Ammonium nitrate ..	2,448	2,793	1,973	2,822	(a)	(a)	(a)
United States—							
Nitrates of potash and soda, crude ..	39,726	49,254	49,121	30,840	12,743	17,667	8,399
Nitrate of potash ..	14,015	10,774	1,718	—	—	—	—
Nitrate of soda ..	571,890	584,620	648,098	545,133	686,727	650,960	629,617
Nitrate of lime ..	28,356	16,255	1,377	—	—	—	4
Ammonium sulphate ..	120,837	109,493	42,234	31,356	47,625	89,131	92,525
Ammonium chloride ..	3,028	3,789	1,207	331	189	108	(a)
Ammonium nitrate ..	68,984	67,927	15,806	—	92,396	50,136	(b) 219
Ammonium phosphates	29,028	34,995	44,782	55,430	25,521	39,274	82,092
Cyanamide ..	119,120	132,698	118,363	128,462	80,357	112,173	90,970
Argentina—							
Nitrate of potash ..	152	137	76	95	248	87	168
Nitrate of soda ..	3,181	5,247	2,541	7,188	7,425	15,170	33,261
Ammonium sulphate ..	18	34	324	—	50	97	—
Liquid ammonia ..	18	24	9	6	6	10	—
Anhydrous ammonia ..	540	391	164	14	1	—	—
Brazil (total imports)—							
Nitrate of potash ..	7,767	} (a)	(a)	(a)	(a)	(a)	(a)
Liquid ammonia ..	16						
Chile—							
Liquid ammonia ..	22	31	21	22	25	} (a)	(a)
Ammonium chloride ..	117	96	656	568	83		
Ammonium sulphate ..	1	2	6	5	1		
Ammonium nitrate ..	7,956	1,442	2,108	1,371	2,745		
Colombia—							
Nitrate of potash ..	430	187	97	84	63	143	197
Nitrate of soda ..	—	645	2,134	310	291	1,450	492
Ammonium chloride ..	3	9	3	6	3	15	(a)
Ammonium sulphate ..	101	102	18	18	43	201	(a)
Peru—							
Nitrate of soda (c) ..	7,655	12,581	6,467	6,594	30,239	39,690	24,358
Liquid ammonia ..	65	52	84	104	49	112	125
Uruguay—							
Nitrate of potash ..	163	335	260	(a)	(a)	167	147
Ammonium sulphate ..	18	27	25	(a)	(a)	(a)	88
Ammonium chloride ..	22	23	23	(a)	(a)	(a)	(a)
Liquid ammonia ..	126	109	208	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Excess of re-exports.

(c) Imports of "Fertilizers" from Chile assumed to be nitrate of soda.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Venezuela—							
Nitrate of potash ..	86	67	94	29	45	59	—
Liquid ammonia ..	17	19	22	8	14	9	—
China—							
Nitrate of potash ..	356	229	78	} (a)	(a)	(a)	(a)
Nitrate of soda ..	225	750	1,143				
Ammonium sulphate ..	104,728	120,249	26,001				
Ammonium chloride ..	649	517	925				
Liquid ammonia ..	42	83	162				
French Indo-China—							
Nitrate of potash ..	120	113	} (a)	(a)	(a)	(a)	(a)
Nitrate of soda ..	17	—					
Ammonium sulphate ..	1,679	4,410					
Ammonium nitrate ..	84	75					
Liquid ammonia ..	11	19					
Cyanamide ..	2,098	2,167					
Japan (total imports)—							
Nitrate of soda ..	26,364	26,641	} (a)	(a)	(a)	(a)	(a)
Ammonium sulphate ..	291,151	81,038					
Korea (total imports)—							
Ammonium sulphate ..	61,666	} (a)	(a)	(a)	(a)	(a)	(a)
Cyanamide ..	17,898						
Manchuria—							
Nitrates of potash and soda ..	1,296	} (a)	(a)	(a)	(a)	(a)	(a)
Ammonium sulphate ..	132						
Ammonium chloride ..	306						
Netherlands East Indies—							
Nitrate of potash ..	557	444	159	(a)	} (a)	(a)	(a)
Nitrate of soda ..	183	551	5,626	(b) 33,476			
Ammonium sulphate ..	69,959	97,225	95,378	(b) 5,331			
Ammonium chloride ..	164	219	314	(b) 188			
Liquid ammonia ..	685	133	258	(a)			
Philippine Islands—							
Nitrate of potash ..	8	(a)	(a)	} (a)	(a)	(a)	(a)
Nitrate of soda ..	26	10	7,254				
Ammonium sulphate ..	29,205	32,186	50,735				
Syria and Lebanon—							
Nitrates ..	1,428	2,031	1,384	—	992	2,055	2,159
Ammonium chloride ..	38	43	25	6	33	38	22
Liquid ammonia ..	10	10	8	—	4	98	8
Turkey—							
Nitrate of soda ..	11	(a)	} (a)	(a)	(a)	(a)	(a)
Ammonium chloride ..	204	183					

(a) Information not available.

(b) January to October only.

PETROLEUM AND ALLIED PRODUCTS

PRODUCTION OF CRUDE PETROLEUM *

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Crude petroleum	144	3,561	17,128	30,291	81,523	112,811	94,607
Shale oil	125,394	127,231	126,097	130,726	149,123	144,531	133,966
Union of South Africa							
(Shale oil) (d)	5,200	10,300	10,200	16,800	25,000	24,200	24,200
Canada (b)	881,783	990,671	1,087,466	1,282,764	1,311,999	1,272,443	1,278,405
Barbados	224	534	412	309	303	270	93
Trinidad (b)	2,533,886	2,820,231	3,175,268	2,929,426	3,152,740	3,055,034	3,090,709
Bahrein Islands	1,112,620	1,017,206	947,728	910,009	836,111	879,929	899,432
Brunei	695,904	768,519	855,499	610,800	(g)(i)400,000	(g)(i)600,000	(g)(i)800,000
Burma (b)	1,018,623	1,064,376	1,084,548	1,112,984	(a)	(a)	(a)
India (b)	336,225	332,488	374,129	391,703	377,359	369,571	376,267
Sarawak	199,584	165,500	149,000	106,300	(j)	(j)	(j)
Australia (Victoria)	25	20	17	—	—	—	—
New Zealand	481	426	391	383	352	300	300
Total	6,910,000	7,301,000	7,828,000	7,522,000	6,400,000	6,100,000	7,400,000
FOREIGN COUNTRIES							
Albania	110,842	137,277	142,339	150,104	153,325	109,048	—
Austria	62,466	142,635	405,937	614,046	853,970	1,077,822	1,184,434
Czecho-Slovakia	19,000	17,000	23,000	26,000	39,000	29,000	26,000
Estonia (Shale oil)	137,426	190,000	(a)	(a)	(a)	(a)	(d)
France	70,873	68,732	(e) 28,000	59,135	64,166	66,254	61,400
Germany	543,355	728,623	1,016,515	883,391	745,350	716,391	700,209
Hungary (c)	42,122	139,609	245,648	415,000	654,695	824,480	797,177
Italy (c)	13,011	12,000	8,000	11,000	11,000	10,000	10,000
Poland	499,000	476,000	465,000	415,000	373,000	395,000	344,000
Roumania	6,490,105	6,141,000	5,718,000	5,367,000	5,576,000	5,190,000	3,469,300
U.S.S.R. (f)	29,092,000	29,404,000	30,655,000	33,500,000	31,200,000	35,000,000	18,000,000
Yugoslavia	1,020	1,094	1,262	4,287	11,774	24,297	33,001
Algeria	255	251	231	305	276	226	557
Egypt	222,171	655,894	914,285	1,201,280	1,163,145	1,264,672	1,328,542
Morocco (French)	3,151	4,581	4,439	5,842	5,253	4,962	4,113
Cuba (g)	3,000	3,000	4,000	5,000	6,000	10,000	15,000
Mexico (b)	5,271,800	6,499,622	6,671,000	6,522,000	5,276,000	5,327,000	5,789,000
United States (b)	166,350,000	173,282,464	185,371,780	192,086,027	189,951,370	206,248,356	229,849,863
Argentina (h)	2,400,718	2,616,792	2,897,405	3,094,615	3,337,242	3,497,789	3,420,900
Bolivia	19,330	30,696	41,252	33,530	43,960	47,682	44,850
Brazil	—	—	300	540	4,200	11,000	11,000
Colombia (b)	3,040,000	3,360,141	3,604,632	3,458,185	1,477,091	1,867,756	3,189,785
Ecuador	326,616	330,360	335,600	222,400	325,400	330,700	413,000
Peru	2,063,422	1,763,893	1,583,016	1,558,243	1,782,354	1,917,605	1,883,547
Venezuela	27,628,000	29,496,000	26,510,000	32,633,000	21,090,000	25,376,000	36,883,547

* Excluding Natural Gasoline. See page 229 etc.

(a) Information not available.

(b) The following conversion rates have been used: 35 gallons=1 barrel, and the undermentioned barrels=1 ton:—Canada 7.9, Trinidad 7.0, Burma 7.4, India 7.4, Mexico 6.6, United States, 7.3, Colombia 7.1.

(c) Including shale oil.

(d) Years ended June 30, 1938 and 1939, and ended June 25 subsequently.

(e) January to July only.

(f) Including Sakhalin.

(g) Estimated.

(h) Converted from cubic metres at rate of 1 cubic metre = .8843 long tons.

(i) Including Sarawak.

(j) Included with Brunei.

PRODUCTION OF CRUDE PETROLEUM (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
China (b)	—	500	1,350	11,600	46,000	60,000	68,000
Formosa (b)	5,000	5,000	5,000	4,500	4,000	4,000	3,500
Iran	10,195,371	9,583,285	8,626,639	6,605,320	9,399,231	9,705,769	13,274,243
Iraq	4,294,449	4,295,126	2,539,619	1,589,627	2,622,587	3,591,595	4,180,539
Japan	350,000	340,000	279,000	269,000	223,000	223,000	228,000
Netherlands East Indies	7,281,301	7,823,155	7,813,608	6,000,000	3,457,000	6,615,000	5,322,000
Saudi Arabia	66,000	530,000	690,000	580,000	620,000	640,000	1,046,000
TOTAL	268,600,000	278,075,000	286,547,000	297,326,000	280,500,000	310,200,000	331,200,000
WORLD'S TOTAL	275,000,000	285,380,000	294,275,000	304,848,000	287,000,000	316,300,000	338,600,000

(a) Information not available.

(b) Estimated.

PRODUCTION OF NATURAL GAS*

(Million cubic feet)

Producing country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom (estimated)	7	7	7	7	7	7	7
Canada	33,445	35,185	41,232	43,495	45,697	44,276	45,067
Brunei	3,195	4,022	(a)	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
France	10	8	9	11	114	1,631	2,322
Hungary	273	459	(a)	(a)	(a)	(a)	(a)
Italy	609	706	1,766	(a)	(a)	(a)	(a)
Poland	20,527	22,072	(a)	29,347	31,077	33,549	6,554
Roumania	65,692	60,106	58,658	55,621	63,249	(a)	(a)
U.S.S.R.	(c) 90,000	(c) 100,000	(a)	(a)	(a)	(a)	(a)
Yugoslavia	84	93	126	(a)	(a)	(a)	(a)
Mexico	39,155	37,847	(a)	(a)	(a)	(a)	(a)
United States	2,295,562	2,476,756	2,672,000	3,812,658	3,053,475	3,414,689	3,711,039
Argentina	17,354	18,326	18,943	20,945	23,866	23,893	(a)
Venezuela	48,958	43,059	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies (b)	42,287	43,416	45,085	(a)	(a)	(a)	(a)

NOTE.—This table is necessarily incomplete owing to the fact that official statistics of production of natural gas are published by only a few countries.

* The figures represent only that part of the gas produced which is actually utilized.

(a) Information not available.

(b) Converted at the rate of 1 long ton = 35,000 cubic feet.

(c) Estimated (League of Nations).

PRODUCTION OF NATURAL ASPHALT, ETC.

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Barbados (exports of manjak)	57	24	8	(a)	(a)	(a)	(a)
Trinidad	127,859	130,315	78,652	80,540	63,409	84,701	71,877
FOREIGN COUNTRIES							
Albania (exports)	11,817	(a)	(a)	(a)	(a)	(a)	(a)
Italy	843	(a)	(a)	(a)	(a)	(a)	(a)
Poland (ozokerite)	451	440	(a)	(a)	364	639	(a)
Roumania	481	2,152	(a)	(a)	(a)	(a)	(a)
Spain	699	2,657	4,255	5,905	(a)	(a)	(a)
French West Africa—							
Bitumen	(a)	(a)	(a)	(a)	(a)	159	118
Cuba	3,694	3,583	3,432	4,642	11,571	44,000	39,000
United States (sales)—							
Gilsonite	25,513	33,294	28,509	32,506	36,644	45,041	43,796
Wurtzilite	68	67	62	62	33	37	10
Argentina—							
Rafaelite	698	2,750	2,438	2,486	1,952	550	1,824
Asphaltite	(a)	1,594	8,973	16,383	55,496	103,958	97,000
Brazil	(b) 1,349	(b) 2,104	5,402	(a)	(a)	(a)	(a)
Iraq	11,662	16,811	(a)	(a)	(a)	(a)	(a)

NOTE.—Asphalt and ozokerite are also produced in U.S.S.R.

(a) Information not available.

(b) Partial production only. Complete information not available.

PRODUCTION OF ASPHALT ROCK

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
France	53,875	43,502	19,861	25,914	27,253	18,031	13,857
Germany	106,000	(a)	(a)	(a)	(a)	(a)	(a)
Italy	253,972	(a)	(a)	(a)	(a)	(a)	(a)
Spain	77,881	66,355	78,540	71,256	85,566	96,816	99,200
Switzerland (exports) ..	5,473	4,604	650	79	1	—	—
Yugoslavia	145	133	159	(a)	(a)	(a)	(a)
Angola	—	2,200	2,291	1,856	2,498	4,645	4,393
United States (sales) ..	431,694	377,218	409,522	584,546	835,085	746,114	661,120
Netherlands East Indies ..	6,126	5,298	729	(a)	(a)	(a)	(a)
Syria	(a)	(a)	(a)	10,300	34,000	17,300	(a)

NOTE.—Asphalt rock is also produced in U.S.S.R.

(a) Information not available.

PRODUCTION OF OIL-SHALE

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	1,551,346	1,590,821	1,597,863	1,631,843	1,784,247	1,759,215	1,609,363
Union of South Africa (b)	29,464	49,195	49,774	81,213	109,849	116,254	112,527
Australia	536	7,683	43,805	123,754	117,324	116,875	137,458
FOREIGN COUNTRIES							
Estonia	1,450,885	(a)	(a)	(a)	(a)	(a)	(a)
France	131,126	134,521	133,035	182,816	191,241	258,433	218,081
Italy	1,908	(a)	(a)	(a)	(a)	(a)	(a)
Sweden (c)	314,253	306,848	247,396	403,079	1,089,112	1,648,984	2,594,535

NOTE.—Oil-shale is also produced in Germany, Spain, U.S.S.R., Manchuria and China.

(a) Information not available.

(b) Years ended June 30, 1938 and 1939, and ended June 25 subsequently.

(c) Alum shale.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom*—							
Motor spirit	301,000	315,000	284,000	173,000	280,000	322,000	478,000
Other spirit	85,000	81,000	76,000	61,000	43,000	40,000	44,000
Kerosene	96,000	101,000	61,000	30,000	7,000	4,000	3,000
Gas oil and diesel oil ..	655,000	681,000	425,000	327,000	176,000	171,000	185,000
Fuel oil	461,000	423,000	297,000	124,000	159,000	146,000	168,000
Lubricating oil	145,000	176,000	149,000	108,000	155,000	210,000	230,000
Other oils	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Bitumen	605,000	634,300	370,400	339,200	243,000	172,400	250,900
Paraffin wax	5,600	4,800	3,200	4,300	1,400	400	200
Canada*—							
Aviation spirit	2,144,358	2,428,077	2,557,322	2,812,867	302,718	401,691	357,545
Motor spirit .. ..								2,159,179	2,455,019	2,831,730
Solvent naphtha	27,910	32,103	49,557	47,235	81,667	97,039	107,587
Kerosene, etc.	186,892	164,771	166,935	181,933	179,906	206,641	205,875
Gas oil	340,533	331,669	441,968	520,856	543,060	506,845	451,952
Fuel oil	1,613,042	1,767,637	2,087,091	2,487,796	2,561,536	2,585,516	2,763,249
Diesel oil	198,171	211,504	245,971	309,077	309,846	444,208	359,462
Tractor oil	134,625	129,301	91,530	159,415	174,516	154,036	164,554
Lubricating oil	86,469	94,625	113,855	146,109	152,551	158,975	191,078
Grease	6,097	5,486	4,215	6,948	9,319	9,559	9,422
Tar	279	686	(a)	(a)	(a)	(a)	(a)
Coke	57,151	59,225	61,013	63,250	65,546	76,171	65,008
Asphalt	249,909	257,341	274,459	330,976	250,299	208,671	282,375
Barbados—							
Motor spirit	390	420	370	450	380	270	320
Kerosene	500	600	590	610	540	370	450
Fuel oil	3,250	3,460	3,420	3,820	3,250	1,660	2,060
Bahrain Islands—							
Motor spirit	296,786	397,239	420,722	408,341	378,673	406,148	418,165
Kerosene	133,959	210,037	251,343	215,686	225,828	236,555	206,860
Diesel oil	156,257	164,041	184,032	160,530	186,689	178,323	342,583
Fuel oil, etc.	311,440	244,020	242,082	258,023	293,029	253,391	305,750
Burma*—							
Natural gasoline	15,137	(a)	(a)	(a)	(a)	(a)	(a)
Aviation spirit	11,044						
Motor fuel	182,647						
Turpentine substitute ..	1,645						
Kerosene, etc.	533,428						
Gas oil (solar oil)	1,246						
Diesel oil	9,769						
Fuel oil	19,547						
Lubricating oil	66,580						
Other oils	974						
Paraffin wax	55,511						
Asphalt	1,639						
India (b)—							
Assam—							
Motor spirit	46,246	35,745	40,454	41,771	47,192	74,760	86,628
Kerosene	124,719	93,085	126,504	125,808	79,023	61,398	59,799
Batching oil	—	1,968	7,012	8,223	18,335	22,453	13,831
Other oils	31,000	23,100	28,300	30,100	49,800	57,136	96,973
Paraffin wax	9,620	—	1,867	4,471	21,054	29,965	29,354

* See note on page 235.

(a) Information not available.

(b) Production of natural gasoline was as follows:—

	long tons		long tons
1938	(a)	1942	502
1939	1,431	1943	345
1940	(a)	1944	(a)
1941	597		

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
India (cont.)—							
Punjab—							
Motor spirit	15,841	20,960	39,109	41,694	36,994	23,309	12,606
Kerosene	14,482	14,128	13,198	15,780	16,089	10,732	5,433
Diesel oil	873	943	1,034	1,859	2,353	2,054	3,112
Fuel oil	33,045	24,024	25,711	25,296	23,296	8,929	6,803
Lubricating oil ..	7,524	6,507	7,398	9,566	11,614	13,833	11,623
Greases	111	122	100	176	73	140	227
Paraffin wax	220	143	16	96	64	92	99
Sarawak—							
Motor spirit	68,500	}	(a)	(a)	(a)	(a)	(a)
Aviation spirit	30,600						
Kerosene	66,400						
Fuel oil	511,400						
Australia (c)—							
Motor spirit	}	(a)	(a)	(a)	(a)	(a)	}
Kerosene							
Fuel oil							
Lubricating oil ..							
Grease							
FOREIGN COUNTRIES							
Belgium—							
Motor spirit	74,982	59,354	}	(a)	(a)	(a)	(a)
Kerosene	18,840	15,728					
Gas oil	52,141	42,036					
Fuel oil, etc. .. .	115,133	73,979					
Solid products ..	27,500	18,163					
Bulgaria—							
Motor spirit	6,006	}	(a)	(a)	(a)	(a)	(a)
Kerosene	8,257						
Gas oil	4,168						
Fuel oil	7,655						
Estonia—							
Motor spirit	14,920	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Motor spirit	2,352,224	2,602,399	1,397,514	25,100	20,000	4,900	1,275
Kerosene and white spirit	267,133	157,827	84,898	4,600	10,000	11,200	10,979
Gas oil	579,058	467,892	206,752	3,500	3,100	1,132	—
Fuel oil	2,154,536	1,766,030	1,103,778	22,600	3,050	890	—
Lubricating oil ..	227,381	186,930	128,734	3,050	5,300	3,200	—
Road oil	338,606	302,220	138,163	700	2,200	2,560	1,058
Paraffin wax	8,208	5,453	4,832	600	3,800	2,560	684
Coke	3,799	886	472	(a)	(a)	(a)	(a)
Germany (b)—							
Motor spirit	1,317,000	}	(a)	(a)	(a)	(a)	(a)
Kerosene	(a)						
Gas oil, etc. .. .	761,000						
Lubricating oil ..	(a)						
Paraffin wax, jelly, etc. .	(a)						
Coke	(a)						
Asphalt	(a)						
Hungary—							
Motor spirit	75,534	}	(a)	(a)	(a)	(a)	(a)
Kerosene	70,357						
Gas oil	}						
Fuel oil .. ..								77,782
Lubricating oil ..	13,919						
Paraffin wax, jelly, etc. .	2,965						

(a) Information not available.

(b) Includes some oils distilled from coal.

(c) Years ended June 30 of year stated.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Italy—							
Motor spirit	408,134	509,500	282,200	}	(a)	(a)	(a)
Kerosene, etc.	144,811	129,400	67,600				
Gas oil	246,681	268,200	192,000				
Diesel oil							
Fuel oil	439,187	644,900	424,200				
Lubricating oil	74,229	79,200	65,100				
Transformer oil	}	(a)	(a)				
Other oils							
Paraffin wax .. ..								3,502	3,900	8,900
Coke	35,362	35,100	16,500				
Residuum	74,643	(a)	(a)				
Latvia—							
Motor spirit	1,375	}	(a)	(a)	(a)	(a)	
Kerosene	1,149						
Fuel oil, etc.	519						
Lubricating oils, etc.	3,480						
Poland—							
Motor spirit	98,148	(b) 43,000	(a)	26,948	26,614	27,212	3,082
Kerosene	139,613	}	(a)	(a)	(a)	(a)	
Gas oil and fuel oil	88,890						
Lubricating oil	46,839						
Greases	3,659						
Paraffin wax	22,227						
Coke and asphalt	33,391						
Other products	19,463						
Roumania—							
Natural gasoline	271,700	242,000	236,000	195,000	191,000	187,000	137,000
Motor spirit	1,504,440	1,542,000	1,473,400	1,393,600	1,446,800	1,394,000	845,327
White spirit	238,981	226,000	187,663	182,000	181,000	177,000	79,000
Kerosene	826,751	726,775	593,984	496,542	502,962	480,645	298,417
Gas oil	844,834	758,056	783,815	883,473	748,109	608,365	384,933
Fuel oil	2,089,257	1,923,121	1,779,078	1,521,134	1,600,321	1,563,369	1,059,515
Lubricating oil	64,420	62,000	69,000	102,000	156,000	140,000	68,000
Paraffin wax	8,773	9,345	9,508	12,608	12,000	7,200	3,000
Coke	17,956	17,528	17,844	31,979	8,713	15,730	5,882
Asphalt	65,543	54,913	45,151	75,990	117,466	92,926	42,368
Other products	59,031	5,418	2,640	53,261	27,016	38,955	40,356
Sweden—							
Motor spirit	14,727	25,046	25,108	10,512	20,486	3,767	18,285
Kerosene	2,107	3,871	2,960	758	23	—	2,942
Fuel oil, etc.	24,670	23,447	11,652	4,274	22,922	38,864	45,936
Asphalt	21,484	20,180	6,727	88	78	234	1,550
U.S.S.R. (b)—							
Motor spirit	(a)	6,000,000	}	(a)	(a)	(a)	(a)
Kerosene	(a)	6,250,000					
Fuel oil, etc.	(a)	12,000,000					
Lubricating oil	(a)	2,000,000					
Canary Islands—							
Motor spirit	112,000	}	350,000	400,000	274,000	(a)	(a)
Kerosene	23,000						
Gas oil	40,000						
Fuel oil	155,000						
Egypt—							
Motor spirit	93,697	103,179	127,859	154,386	164,068	(a)	(a)
Kerosene	17,357	51,387	69,560	59,989	57,015	(a)	(a)
Gas oil	23,946	}	511,266	787,057	700,980	(a)	(a)
Fuel oil	129,636						
Diesel oil	11,502						
Fluxing oil	551						
Asphalt and coke	134,458	167,680	171,739	119,461	150,367	(a)	(a)

(a) Information not available.

(b) Estimated.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Morocco (French)—							
Motor spirit	(a)	(a)	2,073	2,608	2,036	3,194	1,492
Kerosene	(a)	(a)	175	507	468	459	230
Diesel oil	(a)	(a)	4,252	3,717	2,782	4,356	2,236
Cuba—							
Natural gasoline ..	6,800	11,600	15,000	18,400	17,100	11,700	10,800
Motor spirit	54,600	55,300	(a)	(a)	(a)	(a)	(a)
Turpentine substitute ..	55	(a)	(a)	(a)	(a)	(a)	(a)
Kerosene	21,340	31,420	(a)	(a)	(a)	(a)	(a)
Gas oil and diesel oil ..	24,110	26,766	(a)	(a)	(a)	(a)	(a)
Lubricating oil	1,250	2,170	(a)	(a)	(a)	(a)	(a)
Greases	212	335	(a)	(a)	(a)	(a)	(a)
Asphalt	1,420	4,230	(b) 3,432	(b) 4,642	11,571	44,000	39,000
Mexico—							
Motor spirit	1,837,573	1,745,100	1,426,000	} (a)	} (a)	} (a)	} (a)
Kerosene	258,949	276,600	287,500				
Fuel oil	2,700,873	2,665,800	2,686,000				
Gas oil	433,184	558,500	545,300				
Lubricating oil	51,471	35,300	49,000				
Paraffin wax	19,173	18,000	17,200				
Asphalt	208,882	132,000	129,000				
United States*—							
Natural gasoline.. ..	5,892,000	5,927,000	6,392,000	9,278,000	9,561,000	10,066,000	11,481,000
Aviation spirit	59,422,000	64,193,000	1,715,000	2,473,000	} 60,313,000	} 59,725,000	} 74,361,000
Motor spirit			62,013,000	68,725,000			
Kerosene	8,219,300	8,720,900	9,403,200	9,238,200	8,587,600	9,255,000	9,971,000
Gas oil and fuel oil distil- lates	21,248,400	22,644,400	25,662,600	26,484,800	27,540,000	29,612,200	33,481,300
Residual fuel oil	43,004,800	44,616,800	46,115,100	49,928,500	52,339,700	60,857,100	67,295,500
Lubricating oil	4,315,600	4,905,000	5,147,100	5,535,500	5,407,600	5,415,100	5,754,800
Paraffin wax	194,375	207,375	229,125	299,125	312,750	337,125	360,375
Coke*	1,430,500	1,487,900	1,363,000	1,472,100	1,195,000	1,239,600	1,610,200
Asphalt	3,876,300	4,423,400	4,684,600	5,855,000	5,621,900	6,032,800	6,246,500
Road oil	1,056,000	1,101,500	1,087,700	1,280,900	1,125,500	312,300	217,800
Netherlands West Indies (c)—							
Aviation spirit	(a)	240,000	191,000	314,000	505,000	948,000	1,015,000
Motor spirit	3,427,788	2,718,000	1,606,000	3,312,000	2,046,000	2,167,000	2,316,000
Kerosene	598,114	529,000	714,000	686,000	566,000	1,000,000	726,000
Gas oil	1,408,502	170,000	515,000	418,000	737,000	950,000	546,000
Fuel oil	14,429,847	11,384,000	9,861,000	11,970,000	8,368,000	12,215,000	17,562,000
Diesel oil	1,740,025	2,436,000	1,709,000	2,028,000	907,000	1,035,000	1,398,000
Lubricating oil	333,837	265,000	147,000	127,000	266,000	202,000	91,000
Asphalt	42,660	108,587	84,940	100,857	33,619	1,462	107,352
Tar	105	(a)	(a)	(a)	(a)	(a)	(a)
Argentina—							
Natural gasoline	17,055	15,171	14,159	12,852	12,212	12,239	} (a)
Aviation spirit	7,571	8,460	8,837	10,344	9,687	11,266	
Motor spirit	860,115	979,756	917,851	958,202	936,014	862,839	
Solvent naphtha, etc. ..	16,996	14,290	13,041	16,038	16,674	18,330	
Kerosene	135,413	79,092	160,022	164,737	150,840	164,284	
Fuel oil	1,257,168	1,147,194	1,326,060	1,472,692	1,483,094	1,598,382	
Gas oil	100,220	91,819	117,910	92,531	86,814	75,629	
Diesel oil, etc.	282,942	350,660	343,534	429,801	392,047	355,177	
Lubricating oil	54,962	70,909	64,665	65,460	78,844	79,234	
Grease	} 504	841	1,716	4,604	3,971	3,780	
Paraffin wax		(a)	(a)	25	174	335	
Asphalt	36,046	47,612	60,241	63,232	} 136,439	64,487	
Coke	89,453	88,579	76,944	88,589		92,275	

* See note on page 235.

(a) Information not available.

(b) Exports.

(c) Figures for the year 1938 are exports.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)								
Bolivia—								
Aviation spirit	237	129	} 14,200	13,100	13,900	12,100	11,100	
Motor spirit	7,995	11,181		1,300	1,500	2,200	2,550	1,720
Kerosene	669	960	19,200	14,200	13,800	10,300	9,300	
Fuel oil	7,756	14,900	1,300	1,400	2,450	1,720	1,820	
Diesel oil	263	600						
Brazil—								
Motor spirit	} (a)	(a)	} 19,072	16,634	11,037	5,210	11,357	
Other spirit				1,518	2,753	2,684	4,291	
Kerosene				7,308	6,421	3,845	4,376	
Diesel oil				8,248	6,886	6,002	5,806	11,771
Fuel oil				5,617	3,755	2,896	3,198	7,066
Lubricating oil				867	1,020	602	636	935
Colombia—								
Motor spirit	99,477	105,689	118,656	126,963	115,909	115,399	128,233	
Other spirit	75	344	115	678	856	1,214	1,514	
Kerosene	15,553	17,564	16,418	19,818	17,190	21,793	22,419	
Gas oil	12,104	4,981	5,654	6,281	1,733	4,047	6,088	
Fuel oil	293,789	291,958	286,563	233,753	217,773	282,480	387,126	
Diesel oil	(a)	16,543	18,047	19,977	25,074	23,952	26,589	
Lubricating oil	2,939	3,920	5,180	10,893	4,248	4,002	5,098	
Asphalt	7,270	6,205	12,250	14,305	11,892	8,579	14,124	
Ecuador—								
Natural gasoline	(a)	4,400	4,200	3,300	4,200	3,900	(a)	
Motor spirit	13,599	17,472	16,738	17,737	19,889	22,255	25,590	
Kerosene	4,280	4,507	4,640	4,852	6,168	7,504	7,466	
Diesel oil	6,083	7,388	7,714	8,574	9,363	12,527	14,540	
Gas oil	1,234	170	227	193	227	184	166	
Lubricating oil	137	296	221	366	341	443	541	
Residuum	25,069	29,000	43,178	50,727	58,700	69,600	68,700	
Peru—								
Natural gasoline	113,865	112,523	100,968	96,171	104,110	107,798	107,537	
Motor spirit	268,702	} 300,282	312,000	358,000	525,000	495,000	467,000	
Other spirit	1,343		(a)	(a)	(a)	(a)	(a)	
Kerosene	130,864	109,429	91,000	67,000	68,000	96,000	133,000	
Gas oil	134,741	126,337	96,000	94,000	294,000	331,000	358,000	
Fuel oil	251,493	293,693	309,000	563,000	962,000	1,003,000	899,000	
Lubricating oil	4,159	5,553	6,000	5,400	5,800	8,900	5,300	
Coke	285	274	350	350	—	180	180	
Asphalt	22,723	19,114	8,300	14,100	11,500	13,500	14,400	
Uruguay—								
Motor spirit	90,500	90,550	92,000	88,000	62,000	45,000	(a)	
Kerosene	41,000	45,300	44,000	41,000	34,000	22,000	(a)	
Gas oil	} 50,000	} 21,400	} 95,000	126,000	81,000	77,000	(a)	
Fuel oil								55,400
Venezuela—								
Motor spirit	127,498	192,000	254,000	311,000	233,000	288,000	292,000	
Kerosene	10,114	25,000	29,000	50,000	38,000	45,000	52,000	
Gas oil	61,145	32,000	209,000	} 3,607,000	156,000	41,000	15,000	
Fuel oil	1,091,303	1,476,000	2,851,000		2,151,000	2,030,000	2,442,000	
Diesel oil	8,000	39,000	30,000	509,000	572,000	747,000		
Iraq(b)—								
Aviation spirit	159	62	—	—	—	—	—	
Motor spirit	21,703	22,638	28,007	48,103	63,211	37,034	41,389	
Kerosene	19,964	23,610	29,188	37,450	41,646	47,184	52,441	
Gas oil	1,940	2,632	(a)	(a)	(a)	(a)	(a)	
Fuel oil	110,507	52,143	97,200	107,676	104,568	122,490	160,390	

(a) Information not available.

(b) Figures for 1940 onwards are for the year ended March 31 of the year following.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN COUNTRIES (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944			
FOREIGN COUNTRIES (Cont.)										
Netherlands East Indies—										
Aviation spirit	} 2,216,736	2,476,125	{ 361,181	}						
Motor spirit								57,292	50,939	4,531
White spirit										
Kerosene	916,540	1,020,860	988,244							
Fuel oil, solar oil and diesel oil	2,748,640	2,856,553	2,808,502	(a)	(a)	(a)	(a)			
Lubricating oil	24,741	28,780	33,256							
Impregnating oils	16,925	19,001	25,081							
Paraffin wax and ceresine	76,796	90,541	90,931							
Asphalt	24,293	28,825	45,263							
Coke	(a)	(a)	25,300							

(a) Information not available.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS*

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Aviation spirit (bunkers) (b) ..	5,560	4,787	523	260	137	263	107
Motor spirit	177,365	153,573	19,392	1,810	240	79	18,366
Other spirit	9,803	7,196	1,476	548	342	261	288
Kerosene	43,891	27,079	12,717	161	32	11	18
Gas oil	112,036	97,927	6,675	3,188	810	—	—
Fuel oil	69,917	67,766	8,873	2,790	2,491	361	1,401
do. (bunkers) (b) ..	1,273,187	1,133,983	964,598	861,000	1,228,109	1,253,013	1,801,766
Lubricating oil ..	69,865	65,436	19,319	13,689	6,507	3,689	5,925
Other refined oils ..	179	41	184	216	105	27	41
Mineral jelly	149	139	142	98	6	11	6
Paraffin wax	4,401	4,822	2,554	127	83	313	4
Malta—							
Aviation spirit (bunkers) (b) ..	4	} (a)	(a)	(a)	(a)	(a)	(a)
Gas oil (bunkers) (b) ..	701						
Fuel oil (bunkers) (b) ..	16,481						
Anglo-Egyptian Sudan—							
Fuel oil (bunkers) (b) ..	14,873	(a)	(a)	(a)	(a)	(a)	(a)
Gambia (b)—							
Motor spirit (bunkers) ..	121	142	—	—	—	—	—
Lubricating oil (bunkers)	4	4	—	—	—	—	—
Gold Coast (b)—							
Motor spirit (bunkers) ..	—	—	(a)	(a)	(a)	(a)	1,219
Fuel oil (bunkers) ..	—	383	(a)	(a)	(a)	(a)	26,882
Kenya and Uganda (bunkers) (b)—							
Motor spirit	207	166	168	460	511	759	502
Kerosene	3	2	3	16	14	10	10
Fuel oil	48,355	51,025	98,637	176,837	203,587	130,821	50,930
Lubricating oil	52	93	58	178	176	152	111
Sierra Leone (bunkers)—							
Fuel oil (b)	7	2	—	—	—	—	—
Lubricating oil (b) ..	9	24	34	124	119	91	135
Union of South Africa—							
Fuel oil (bunkers) (b) ..	253,538	408,303	(a)	(a)	(a)	(a)	(a)
Canada—							
Crude petroleum	5	1	1	42	75	—	—
Motor spirit	16,344	11,290	14,166	51,945	50,487	53,496	74,811
Kerosene, etc.	2,792	2,233	2,316	3,685	3,357	3,653	3,768
Fuel oil	7,696	11,997	11,246	76,957	212,311	227,863	194,979
Lubricating oil	} 3,224	} 2,839	} 3,969	} 7,716	} 12,070	} 8,803	} 2,791
Other oils							
Mineral wax .. ..								13	162	3	3	37	2	51
Petroleum coke	10,152	6,604	4,292	28,092	47,393	50,599	24,200
British Guiana (b)—							
Crude petroleum (bunkers) ..	177	19	244	259	145	44	—
Aviation spirit (bunkers)	44	4	46	48	108	223	179
British West Indies—							
Barbados—							
Manjak	57	24	8	(a)	(a)	(a)	(a)

* The following rates have been used for converting Imperial gallons to long tons:—Aviation spirit 300, Motor spirit 305, Kerosene 275, Gas oil 260, Diesel oil 256, Fuel oil 240, Lubricating oil 250, Crude petroleum 245.

(a) Information not available.

(b) Foreign produce. See imports.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British West Indies—(cont.)							
Jamaica—							
Motor spirit (bunkers) (b) ..	483	592	498	463	651	1,199	1,367
Trinidad and Tobago—							
Crude petroleum ..	93,654	31,018	32,554	22,996	124	235	44
Motor spirit (c) ..	442,306	536,069	525,796	467,375	424,709	466,721	627,060
Kerosene ..	13,416	12,061	11,771	10,166	5,411	5,572	57,435
Gas oil (c) ..	104,513	4,046	9,799	21,725	30,678	20,759	73,624
Fuel oil ..	1,048,753	1,324,840	1,610,112	1,052,806	1,306,486	766,322	1,003,656
do. (bunkers) ..	554,297	492,566	600,337	594,608	890,782	920,958	931,000
Lubricating oil ..	14	14	36	35	71	58	26
Road oil ..	5,001	6,180	6,175	12,279	3,697	3,707	3,811
Asphalt—							
Crude ..	7,401	6,452	461	227	154	44	237
Dried ..	52,249	59,189	28,777	26,215	11,643	12,204	16,958
Cement ..	24,577	22,780	9,312	9,731	5,529	16,424	14,067
Bituminous ..	—	—	—	13,863	8,186	22,214	4,215
Aden—							
Fuel oil (bunkers) ..	833,125	699,033	340,377	304,745	552,836	484,359	420,337
Bahrein Islands—							
Crude petroleum ..	45,101	52,021	—	—	—	—	—
Motor spirit ..	261,942	387,293	400,181	401,252	389,248	429,267	445,574
Kerosene ..	106,968	208,848	213,435	220,143	223,095	230,219	230,077
Diesel oil ..	139,778	164,849	169,050	179,297	179,179	192,983	316,985
Fuel oil ..	211,360	230,889	224,349	268,102	300,997	262,610	323,645
Brunei—							
Crude petroleum ..	685,256	(a)	(a)	(a)	(a)	(a)	(a)
Natural gas (1,000 cubic feet) ..	1,045,621	(a)	(a)	(a)	(a)	(a)	(a)
British India—							
Crude petroleum (d) ..	21,423	18,655	14,953	6,302	3,151	2,954	(a)
Aviation spirit							
(bunkers) ..	804	891	533	417	418	373	2,810
Motor spirit (d) ..	408	337	300	4,054	2,359	1,962	34
Kerosene (d) ..	59	9	2	224	175	456	(a)
Fuel oil (bunkers)							
(domestic produce) ..	—	56	1	—	274	—	—
do. do. (foreign produce) ..	67,165	78,757	73,993	97,627	157,920	181,489	168,296
Paraffin wax ..	9,308	6,383	10,702	1,694	3,018	14,193	16,370
Burma—							
Motor spirit ..	185,597	168,383	155,208	} (a)	(a)	(a)	(a)
Kerosene ..	493,577	479,590	474,876				
Lubricating oil ..	22,744	27,503	65,555				
Other oils ..	48,641	57,988	23,679				
Paraffin wax ..	38,343	53,112	50,098				
Ceylon (bunkers) (b)—							
Gas oil ..	28	221	83	151	148	—	—
Diesel oil ..	68,451	62,917	53,232	57,771	43,412	46,453	57,639
Fuel oil ..	293,535	259,811	190,170	174,961	143,431	234,061	443,714
Hong Kong (including re-exports)—							
Motor spirit ..	35,859	22,902	49,431	} (a)	(a)	(a)	(a)
Kerosene ..	52,344	26,169	20,066				

(a) Information not available.

(b) Foreign produce. See imports.

(c) Including bunkers.

(d) Includes trade by land as recorded.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Hong Kong (including re-exports)—(Cont.)							
Fuel oil	27,457	11,869	5,644	} (a)	(a)	(a)	(a)
do. (bunkers) .. .	70,673	88,086	(a)				
Diesel oil	48,219	19,116	17,717				
Lubricating oil .. .	13,842	6,957	7,053				
Other petroleum oils .. .	16	1	1				
Greases	564	418	399				
Petroleum jelly	340	238	329				
Paraffin wax	7,983	4,340	4,445				
Malaya (including re-exports)—							
Crude petroleum .. .	8	6	—	} (a)	(a)	(a)	(a)
Aviation spirit (bunkers) .. .	1,094	(a)	(a)				
Motor spirit	360,693	356,736	421,480				
Kerosene	118,811	116,031	82,262				
Fuel oil	282,284	224,754	141,253				
do. (bunkers) .. .	228,147	(a)	(a)				
Lubricating oil .. .	3,117	3,493	5,433				
Other petroleum products	56	96	298				
Paraffin wax	81	320	5,831				
Asphalt and bitumen .. .	620	756	546				
Palestine—							
Motor spirit	—	—	(a)	(a)	420,235	305,385	258,775
Kerosene	—	—	(a)	(a)	88,638	145,111	170,400
Fuel oil, gas oil and diesel oil	—	—	(a)	(a)	168,818	170,801	351,996
Asphalt and bitumen .. .	—	—	—	—	—	4,445	13,492
Sarawak—							
Motor spirit	94,428	118,589	116,046	} (a)	(a)	(a)	(a)
Kerosene	62,656	54,580	50,531				
Gas oil	40,630	60,276	49,691				
Diesel oil	—	—	14				
Fuel oil	698,865	651,830	746,510				
Lubricating oil	143	236	180				
Australia—							
Motor spirit, etc. .. .	243	145	13	63	556	4,145	37,552
Kerosene	135	196	12	1	8	113	409
Lubricating oil .. .	80	103	332	80	103	82	96
Residual and solar oils .. .	1,045	18	78	101	52	191	7,503
Greases	343	316	654	342	357	44	166
Paraffin wax, etc. .. .	39	51	21	105	128	153	75
Fiji—							
Fuel oil (bunkers) (b) .. .	4,194	5,250	7,173	32,809	40,662	27,328	5,727
New Zealand—							
Fuel oil (bunkers) (b) .. .	60,664	93,948	76,663	47,829	66,367	31,157	35,956
Lubricating oil (bunkers) (b)	225	213	310	451	468	(a)	(a)
FOREIGN COUNTRIES							
Albania—							
Crude petroleum .. .	103,583	} (a)	(a)	(a)	(a)	(a)	(a)
Bitumen	11,817						

(a) Information not available.

(b) Foreign produce. See imports.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Descriptions	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Austria (c)—							
Kerosene	1	—	} (a)	(a)	(a)	(a)	(a)
Lubricating oils and greases	23	4					
Petroleum jelly and paraffin wax	1	—					
Ozokerite and ceresin ..	127	11					
Asphalt	177	7					
Petroleum coke	51	—					
Belgium-Luxemburg E.U.—							
Crude petroleum	6	11	(a)	—	—	—	—
Motor spirit	8,470	6,715	(a)	—	—	41	61
Kerosene	2,894	3,725	(a)	—	—	64	—
Gas oil	111,707	60,215	(a)	} 293	14	188	22
do. (bunkers) (b)	6,778	10,355	(a)				
Fuel oil, etc.	39,162	28,924	(a)				
do. (bunkers) (b)	47,468	57,949	(a)				
Lubricating oil	77,503	78,304	(a)				
do. (bunkers) (b)	1,017	929	(a)	1,027	270	140	19
Other heavy oils	3,580	15	(a)	—	—	3	—
Petroleum jelly	2,218	2,238	(a)	27	415	1	—
Paraffin wax	3,336	1,707	(a)	19	—	—	—
Ozokerite and ceresin ..	112	75	(a)	—	—	—	2
Asphalt and bitumen	988	1,380	(a)	266	190	69	69
Residual asphalt, etc. ..	23,787	16,070	(a)	10	—	15	—
Czecho-Slovakia—							
Lubricating oil, etc.	1,543	} (a)	(a)	(a)	(a)	(a)	(a)
Paraffin wax	1,459						
Ozokerite and ceresin	202						
Asphalt products	330						
Denmark—							
Motor spirit	7	518	47	—	—	—	—
Kerosene	6	8	70	—	—	—	—
Lubricating oil	85	4,326	335	—	—	—	—
Solar oil	106	1,213	5	—	—	—	—
Greases	274	380	83	—	—	—	—
Paraffin wax	115	917	51	—	—	—	—
Estonia							
Fuel oil (Shale oil)	61,422	} (a)	(a)	(a)	(a)	(a)	(a)
do. (bunkers on national ships)	1,050						
Motor spirit	5,717						
Bitumen and asphalt	951						
France—							
Crude petroleum	18	3,959	40	—	1	—	(a)
Motor spirit	104,731	95,929	59,330	27,686	2,054	6	(a)
Kerosene	93,243	59,347	18,346	3,014	9	4	(a)
Kerosene, etc.—							
Bunkers (domestic produce)	22,637	27,418	12,809	6,809	1,702	(a)	(a)
Bunkers (foreign produce)	4,167	3,662	1,572	3,072	4,001	(a)	(a)
Lubricating oil	24,944	20,561	23,163	5,932	398	49	77
Gas oil	142,143	67,931	20,602	120	1,023	408	(a)
Fuel oil	30,699	48,929	48,025	173	—	—	787
Road oil, etc.	40,978	48,733	35,778	4,019	72	187	(a)

(a) Information not available.

(b) Bunkers for foreign ships only.

(c) Figures for 1939 refer to January to March only.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—(Cont.)							
Heavy and residual oils—							
Bunkers (domestic produce)	905,661	778,681	519,713	79,169	12,884	(a)	(a)
Bunkers (foreign produce)	338,010	337,746	233,246	101,719	12,154	(a)	(a)
Petroleum jelly	64	68	38	5	2	—	(a)
Paraffin wax	2,220	2,318	239	32	4	—	6
Ozokerite, ceresin, etc.	129	82	110	21	76	1	154
Petroleum coke, etc.	1,853	1,171	709	3	266	285	423
Asphalt and bitumen	26,463	31,750	4,153	1,540	190	—	(a)
Germany—							
Crude petroleum	—	13,148	43,483	84,287	94,124	60,167	2,472
Motor spirit	5,544	5,721	1,669	279,857	353,665	270,118	(c) 128,581
Kerosene	25	234	3	62,736	67,376	47,781	58,403
Gas oil	1,608	123	3,116	296,274	321,091	278,220	191,602
do. (bunkers for foreign ships)	9,651	8,093	—	—	—	—	—
Fuel oil	11,145	9,021	2,654	23,811	12,310	2,523	552
do. (bunkers for foreign ships)	2,693	523	—	—	—	—	—
Lubricating oil	94,503	75,317	4,446	33,974	99,076	125,970	72,303
do. (stores for foreign ships)	133	90	—	—	—	—	—
Paraffin wax	150	104	419	6,119	10,690	7,249	3,657
Ozokerite, etc.	2,074	2,595	2,157	6,416	6,260	6,090	4,320
Asphalt	6,997	4,304	515	568	8,230	3,613	1,706
Hungary—							
Motor spirit	4	—	500	} (a)	} (a)	} (a)	} (a)
Lubricating oil	2	2	100				
Paraffin wax	—	—	261				
Asphalt, bitumen and tar	60	16	30				
Italy—							
Crude petroleum	45	100	—	—	—	—	} (a)
Motor spirit	63,175	55,800	53,900	12,000	2,000	(d) 2,000	
Kerosene	21,015	19,500	5,700	(a)	(a)	(a)	
Lubricating oil (b)	6,348	6,200	6,400	1,000	6,000	(d) 3,000	
Gas oil (b)	} 56,780	} 44,200	37,700	2,000	—	—	
Fuel oil (b)			26,500	300	400	1,000	
Paraffin wax	3	36	5	1	35	(d) 2	
Ceresin	59	(a)	(a)	(a)	(a)	(a)	
Asphalt and bitumen	25,097	15,503	15,634	155	867	(d) 197	
Petroleum jelly	11	18	13	3	2	(d) 4	
Netherlands—							
Crude petroleum	2	2,976	1,031	—	—	—	6
Motor spirit	1,653	5,406	13,383	—	—	—	} (a)
Kerosene	1,037	3	—	—	—	—	
Gas oil	15,357	20,593	175	1	2	—	
do. (bunkers) (e)	214,525	224,204	31,960	4,584	1,138	236	
Fuel oil	6,635	5,065	—	—	—	—	
do. (bunkers) (e)	246,060	213,276	36,019	2,660	—	—	
Lubricating oil	933	695	64	2,185	—	—	
Greases	9	23	2	—	—	—	
Petroleum jelly	709	539	14	—	—	—	
Paraffin wax	209	183	15	—	—	—	
Ozokerite and ceresin	75	151	172	—	—	—	

(a) Information not available.

(b) Including bunkers for foreign ships.

(c) January to July only.

(d) January to June only.

(e) Including imported oil.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands—(Cont.)							
Asphalt	64,384	71,065	10,520	20,716	724	9	} (a)
Natural asphalt	1,031	300	—	—	—	—	
Petroleum coke	1,758	977	337	—	—	—	
do. (bunkers)	6,483	65,060	15,492	—	—	—	
Norway—							
Motor spirit	(a)	203	72	17	—	—	—
Kerosene	(a)	27	13	12	—	—	—
Fuel oil and solar oil	(a)	476	167	18	11	—	—
Residual oils, etc.	(a)	1,870	227	39	—	1	2
Lubricating oil	2,643	(a)	(a)	(a)	(a)	(a)	(a)
Asphalt	—	9	—	—	—	—	—
Poland—							
Motor spirit	4,591	} (a)	(a)	(a)	(a)	(a)	(a)
Kerosene	45						
Fuel oil and gas oil	2,114						
Lubricating oils	1,614						
Greases	3						
Paraffin wx	12,082						
Ozokerite and ceresin	491						
Petroleum coke	1,003						
Asphalt and tar	1,868						
Portugal—							
Fuel oil (bunkers) (b)	23	18	989	239	250	496	537
Other mineral oils	1,064	209	8,439	452	100	280	232
do. (bunkers) (b)	90	—	—	453	42	16	81
Roumania—							
Crude petroleum	330,140	323,969	295,667	285,000	419,000	358,000	286,000
Motor spirit	1,561,287	1,570,146	1,312,442	1,780,000	1,450,000	1,463,000	859,000
Kerosene	814,224	780,990	613,868	513,000	317,000	343,000	222,000
Fuel oil and gas oil	1,273,641	1,077,905	1,006,951	} 1,252,000	957,000	794,000	600,000
do. (bunkers)	372,131	296,287	160,114				
Other oils	40,457	40,595	33,557	59,000	117,000	85,000	88,000
Paraffin wax	5,401	6,445	6,577	10,826	8,155	15,332	384
Tar and pitch	24,396	15,251	8,455	18,000	65,811	57,595	22,247
Petroleum coke	2,679	6	135	23,202	1,240	4,613	3,570
Sweden—							
Motor spirit	548	7,512	3,032	—	—	2	—
Kerosene	3,930	2,878	3,758	—	—	—	—
Fuel oil and gas oil	24,464	10,277	409	—	49	70	—
Lubricating oil	1,852	871	178	10	—	—	1,352
Other oils	222	230	225	—	—	—	1
Paraffin wax	8	—	20	20	—	—	—
Petroleum jelly	7	7	3	4	—	—	—
Ozokerite and ceresin	25	9	—	—	—	—	—
Asphalt	79	77	50	57	1	96	—
Pitch	1,039	1,950	28	10	46	—	20
Switzerland—							
Motor spirit	4	—	—	—	—	1	—
Fuel oil	1,520	1,350	2	—	—	—	—
Lubricating oil and grease	62	46	17	3	1	1	1
Asphalt and bitumen	5,473	4,604	650	79	1	—	—
Paraffin wax and ceresin	2	2	—	—	—	—	—
U.S.S.R.—							
Crude petroleum	52,000	} (a)	(a)	(a)	(a)	(a)	(a)
Motor spirit	315,000						
Kerosene	62,000						
Fuel oil	369,000						
Gas oil	146,000						

(a) Information not available.

(b) Bunkers on foreign ships only.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—(cont.)							
Diesel oil	(e)						
Lubricating oil and solar oil	118,000	}	(a)	(a)	(a)	(a)	(a)
Asphalt	1,794						
Ozokerite	1						
Yugoslavia—							
Motor spirit and lubricating oil	2	2	(a)	(a)	(a)	(a)	(a)
Algeria—							
Motor spirit	504	}	(a)	(a)	(a)	(a)	(a)
Kerosene	7						
Gas oil (c)	187						
Fuel oil (c)	5						
Lubricating oil	190						
Asphalt and bitumen ..	464						
Belgian Congo—							
Motor spirit	13	16	}	(a)	(a)	(a)	(a)
Kerosene	2	—					
Fuel oil	7	11					
Lubricating oil and greases	143	185					
Cape Verde Islands—							
Fuel oil (bunkers) (b) ..	366,479	215,107	245,301	71,525	11,112	18,258	8,563
Egypt—							
Motor spirit	30,262	2,115	1,184	200	213	14	100
Kerosene	238	216	86	72	37	—	3
Fuel oil, etc.	3,599	12,084	8,706	154	11,182	—	—
do. (bunkers for foreign ships)	50,298	94,385	70,790	183,722	193,941	132,365	194,868
Lubricating oil	92	168	113	34	28	5	10
Asphalt, etc.	125,853	115,995	114,400	55,235	41,414	11,615	56,748
Morocco (French)—							
Crude, refined and residual	3,180	(a)	(a)	(a)	(a)	(a)	(a)
Cuba (including re-exports)—							
Motor spirit	—	—	69	371	533	—	—
Natural asphalt	5,750	4,686	3,432	4,641	1,596	950	98
Mexico (d)—							
Crude petroleum	693,363	1,769,108	2,090,317	1,184,313	}	(a)	(a)
Motor spirit	185,856	172,647	52,110	127,418			
Kerosene	176,158	5,685	192,854	245,088			
Fuel oil	442,277	436,918	311,209	580,071			
Gas oil	403,612	243,703	203,229	62,539			
Lubricating oil	12,771	407	311	(a)			
Asphalt	142,580	74,177	48,088	12,601			
Netherlands West Indies—							
Crude petroleum	1,065,419	815,300	243,400	—	—	—	—
Aviation spirit	} 3,427,788	342,900	305,200	445,000	380,000	538,000	1,034,000
Motor spirit		3,068,100	1,892,000	3,758,000	2,092,000	2,265,000	2,244,000
Kerosene	598,114	600,100	585,700	581,000	562,000	885,000	749,000
Gas oil	} 1,408,502	2,599,800	1,555,100	2,378,000	1,465,000	1,606,000	1,926,000
do. (bunkers		241,500	178,500	172,000	112,000	145,000	69,000
Fuel oil	} 14,429,847	11,676,600	11,429,400	13,667,000	7,866,000	12,071,000	16,883,000
do. (bunkers)		401,900	390,300	446,000	296,000	847,000	1,348,000

(a) Information not available.

(b) Foreign produce. See imports.

(c) Includes bunkers of domestic produce, but excludes bunkers of foreign produce (fuel oil, gas oil, and diesel oil), as follows: 1938, 431,565 long tons.

(d) Including bunkers.

(e) Included with fuel oil.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands West Indies—							
<i>(Cont.)</i>							
Diesel oil.. ..	1,740,025	(c)	(c)	(c)	(c)	(c)	(c)
do. (bunkers) ..							
Lubricating oil ..	333,837	138,900	70,000	110,000	118,000	98,000	167,000
Asphalt	42,660	108,587	84,940	100,857	33,619	1,462	107,352
Tar	105	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Crude petroleum ..	10,582,726	9,871,757	7,054,177	4,723,819	4,871,239	5,933,255	4,767,427
Aviation spirit ..	4,621,082	3,730,921	349,120	721,030	2,605,393	5,533,507	6,946,817
Motor spirit			1,890,919	1,902,605	1,081,326	1,585,176	4,138,164
Other finished light products	151,681	165,653	26,309	37,512	61,764	54,900	73,903
Natural gasolene ..	702,000	472,000	195,000	132,000	134,000	69,000	75,000
Kerosene.. ..	924,102	1,017,434	399,486	380,710	318,103	564,889	587,344
Gas oil and distillate fuel oil	3,961,578	4,286,562	2,459,036	2,090,784	2,832,193	3,176,180	5,735,974
Residual fuel oil ..	2,265,708	2,183,423	1,732,487	1,506,504	1,267,348	1,914,594	1,327,754
Fuel oil (bunkers) ..	5,048,287	5,184,996	4,905,239	4,256,010	3,558,442	6,705,276	10,054,118
Lubricating oil ..	1,301,757	1,641,800	1,440,011	1,304,006	1,105,964	1,188,150	888,858
Transformer oil ..	4,123	5,446	6,545	11,068	10,378	7,762	10,042
Greases	34,503	48,505	44,518	35,563	26,039	33,472	30,346
Paraffin wax	89,912	103,804	84,688	95,018	65,824	77,142	72,431
Petroleum jelly ..	16,770	21,437	26,064	28,234	24,917	26,533	21,474
Asphalt and bitumen, natural.. ..	12,095	12,307	9,162	9,701	7,983	31,157	29,957
Other asphalt, etc. ..	180,803	178,299	231,441	200,846	75,718	76,849	106,439
Petroleum coke ..	138,951	255,426	266,622	249,175	290,280	280,134	183,692
Liquefied petroleum gases	2,087	5,816	7,105	11,238	16,844	20,213	29,244
Natural gas (million cu. ft.)	(a)	(a)	(a)	(a)	6,206	8,194	10,248
Argentina—							
Motor spirit	1,785	3,876	3,705	4,138	5,147	9,225	6,212
Kerosene.. ..	1,004	1,355	2,146	800	4,811	820	738
Gas oil	229	313	574	581	6,388	280	178
Fuel oil	68,552	81,971	49,663	48,740	44,340	28,645	9,237
Diesel oil.. ..	6,710	6,691	4,785	16,860	33,815	27,982	1,624
Lubricating oil ..	360	452	479	1,313	1,738	—	661
Grease	42	53	64	89	61	34	20
Asphalt	848	3,211	3,280	2,996	1,020	219	100
Bitumen (Rafaelite) ..	436	1,016	2,124	1,737	2,336	1,167	1,827
Bolivia—							
Crude petroleum ..	—	—	2,470	11,600	6,000	13,600	11,000
Fuel oil	—	—	—	—	—	—	4,500
Chile—							
Crude petroleum (b) ..	—	59	168	89	6,994	(a)	(a)
Motor spirit (b)	4	4,124	6	2	929		
Kerosene (b)	2	11	90	6	—		
Diesel oil (b)	413	5,313	2,354	2,412	14,578		
Lubricating oil (b) ..	2	532	16	19	271		
Tar and pitch	198	282	296	165	136		
Natural asphalt	4	9	177	(a)	—		
Colombia—							
Crude petroleum ..	2,609,004	2,735,242	3,106,729	3,072,998	1,031,164	1,471,464	2,555,115
Motor spirit	6	—	—	—	—	354	(a)
Kerosene.. ..	25	—	—	—	—	(a)	(a)
Fuel oil, etc.	—	—	—	—	—	41,840	42,113

(a) Information not available.

(b) Including bunkers on foreign ships

(c) Included with "Gas oil."

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Ecuador—							
Crude petroleum ..	241,504	223,770	216,604	118,000	213,000	203,000	248,000
Motor spirit	1,206	430	1,762	(a)	(a)	(a)	(a)
Peru—							
Crude petroleum ..	1,192,368	850,761	705,603	552,762	27,902	37,491	28,133
Motor spirit (c) ..	272,546	336,789	283,548	308,435	554,018	497,215	442,275
Kerosene (c)	103,301	96,699	56,041	40,320	41,878	68,455	89,780
Gas oil	60,129	73,643	10,332	3,745	18	6	(a)
Fuel oil and Diesel oil ..	16,635	21,795	50,454	259,886	720,183	805,093	604,284
do. (bunkers) ..	34,256	45,391	31,807	55,345	84,354	106,744	123,296
Lubricating oil and grease	442	423	318	286	1,001	2,561	1,619
Venezuela—							
Crude petroleum ..	26,190,280	27,882,182	23,124,754	28,341,410	17,796,204	22,491,830	32,927,000
Motor spirit	297	16,263	105,115	127,766	128,265	206,527	
Kerosene	—	—	361	673	15	20	
Gas oil	23,005	21,940	171,947	153,993	98,751	136,784	
Fuel oil	847,095	1,195,915	2,612,579	3,075,830	1,792,103	1,706,174	
Diesel oil	3,518	59,214	299,050	489,099	347,327	280,043	
Asphalt	—	—	2,333	—	—	—	
French Indo-China—							
Motor spirit, etc. ..	147	307					
Gas oil	19	53					
Lubricating oil, etc.	22	34	(a)	(a)	(a)	(a)	(a)
Road oil, etc. .. .	12	—					
Iran (b)—							
Crude petroleum ..	266,513	490,426	375,705	391,157	257,778	—	
Motor spirit	1,792,505	1,811,415	930,436	823,900	1,613,714	1,994,222	
Kerosene	470,193	546,261	570,981	638,329	802,644	949,564	
Fuel oil	4,505,997	5,256,032	4,999,895	2,984,011	5,966,689	5,227,265	
Lubricating oil, etc.	10,694	31,394	44,249	78,061	96,730	131,760	
Iraq—							
Crude petroleum ..	4,113,492	3,765,845	2,344,158	1,353,740	2,149,740	(a)	(a)
Motor spirit	388	613	1,225	782	406	615	603
Kerosene	133	127	191	609	58	209	197
Bitumen	—	5	1,567	3,489	—	—	—
Japan—							
Crude petroleum ..	1,200						
Motor spirit	12,759						
Kerosene	16,154	(a)	(a)	(a)	(a)	(a)	(a)
Other light oils ..	1,837						
Lubricating oil ..	28,827						
Asphalt	11,592	11,478	(a)	(a)	(a)	(a)	(a)
Korea—							
Crude oil, etc. ..	789						
Motor spirit	5,451						
Kerosene	15,140						
Light oils	12,109	(a)	(a)	(a)	(a)	(a)	(a)
Lubricating oil ..	13,781						
Other oils	4						
Paraffin wax .. .	2,365						
Manchuria—							
Paraffin wax .. .	18,596	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Crude petroleum ..	51,484	88,484	294,452	(d) 517,879			
Motor spirit	2,035,904	2,132,068	1,935,759	(d) 1,294,968	(a)	(a)	(a)

(a) Information not available.

(b) Including re-exports; years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

(c) Including bunkers.

(d) January to October; Outer Islands only.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Netherlands East Indies—							
<i>(Cont.)</i>							
Kerosene	700,736	844,242	789,517	(b) 407,594	} (a)	(a)	(a)
Fuel and motor oils ..	2,707,809	2,689,885	2,624,327	(b) 2,027,241			
do. (bunkers)	297,021	357,728	433,307	(c) 296,753			
Batching oil	17,758	18,019	22,164	(b) 12,011			
Lubricating oil	16,360	20,785	24,615	(b) 20,590			
Greases	508	708	760	(a)			
Paraffin wax	70,952	83,205	80,575	(c) 47,983			
Asphalt	900	2,239	13,891	(a)			
Turpene	65,125	64,004	12,067	(a)			
Philippine Islands—							
Asphalt rock	115	(a)	(a)	(a)	(a)	(a)	(a)
Saudi Arabia—							
Crude petroleum	(a)	(a)	684,000	538,000	588,000	640,000	948,000
Syria and Lebanon—							
Fuel oil	—	41	—	—	18	9	9,769
Asphalt and bitumen ..	67	1,987	1,091	—	—	63	14

(a) Information not available.

(b) January to October ; Outer Islands only.

(c) January to October only.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS*

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Crude petroleum	2,271,804	2,165,552	1,564,054	976,425	591,317	527,183	683,733
Motor spirit	4,653,522	4,386,054	3,547,980	4,681,796	4,134,000	5,559,243	9,610,850
Other spirit	62,986	56,218	61,599	93,553	104,926	64,940	110,684
Kerosene	737,428	742,098	956,927	1,058,646	851,106	1,198,226	1,329,296
Fuel oil	2,776,675	2,311,476	3,842,159	4,664,058	3,037,515	5,501,991	5,576,326
Gas oil	595,350	691,554	762,338	992,148	1,002,418	1,623,323	2,342,125
Lubricating oil	415,416	391,520	615,197	501,705	555,631	431,873	570,102
Other petroleum oils	3,824	2,668	1,421	311	55	—	102
Mineral jelly	6,713	7,718	11,180	10,184	14,363	11,238	7,235
Paraffin wax	40,319	43,439	66,561	56,479	59,098	37,682	28,550
Ozokerite	111	103	42	1	—	—	29
Asphalt and bitumen	78,773	71,768	25,814	18,779	13,088	12,320	16,867
Eire—							
Motor spirit	132,809	127,939	106,046	58,407	46,198	35,512	42,350
Kerosene	61,416	61,185	57,110	37,206	34,844	28,989	34,839
Fuel oil and gas oil	42,833	46,492	45,892	34,612	24,532	24,412	25,881
Lubricating oil	10,410	12,754	10,243	5,324	4,855	3,556	4,787
Paraffin wax	3,364	3,453	3,548	1,612	1,017	1,252	1,589
Asphalt and bitumen	25,286	24,363	7,289	2,424	444	364	259
Malta—							
Motor spirit	10,314						
Petroleum	20,078						
Fuel oil	13,986	(a)	(a)	(a)	(a)	(a)	(a)
Gas oil	3,267						
Anglo-Egyptian Sudan—							
Motor spirit	14,345	25,531	23,333	14,230	21,745	11,343	12,302
Kerosene	6,167	7,370	7,600	4,305	4,920	4,082	5,826
Fuel oil	14,733	22,272	16,269	16,449	19,673	32,644	36,155
Lubricating oil, etc.	1,777	2,609	1,784	2,192	1,884	2,115	1,720
Asphalt, etc.	1,588	2,727	952	143	663	953	1,685
Gambia—							
Motor spirit	447	508	695	1,292	3,568	914	279
Kerosene	149	114	140	180	161	186	215
Fuel oil	303	289	262	235	549	565	281
Lubricating oil	48	44	55	61	212	125	78
Gold Coast—							
Motor spirit	22,020	23,245	14,260	17,757	34,508	37,438	43,317
Kerosene	9,035	5,488	8,829	3,858	3,575	6,139	6,788
Fuel oil	55,364	62,789	55,558	59,810	63,651	33,848	28,562
Lubricating oil	2,121	3,063	2,900	2,599	3,439	2,924	1,256
Asphalt and bitumen	254	337	42	10	24	40	1
Kenya and Uganda—							
Motor spirit	36,188	35,068	48,916	91,820	85,190	70,465	70,102
Kerosene	10,956	10,358	8,410	8,380	14,422	17,699	17,110
Fuel oil (b)	74,882	63,670	131,693	198,188	230,647	158,671	81,462
Lubricating oil	3,346	2,581	7,203	3,764	5,619	4,367	6,355
Greases	219	163	640	195	333	331	571
Mauritius—							
Motor spirit	5,689	5,311	4,346	4,575	2,497	1,163	3,461
Kerosene	2,507	2,526	2,881	3,044	2,420	2,477	4,554
Lubricating oils, etc.	658	540	705	592	481	714	1,427
Fuel oil	664	1,068	619	803	1,126	346	99
Refined motor grease	41	98	90	80	59	33	12
Natural asphalt, etc.	1,283	269	246	167	67	22	12

* The following rates have been used for converting Imperial gallons to long tons:—Aviation spirit 300, Motor spirit 305, Kerosene 275, Gas oil 260, Diesel oil 256, Fuel oil 240, Lubricating oil 250, Crude petroleum 245.

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

(c) Excess of re-exports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Nigeria—							
Motor spirit	22,185	20,820	21,606	15,863	57,507	28,349	32,300
Kerosene.. .. .	11,197	9,293	2,964	6,339	1,711	8,730	7,801
Fuel oil	4,025	4,799	4,388	6,050	5,744	3,393	8,618
Lubricating oil ..	1,847	2,328	2,113	1,540	2,870	1,378	2,507
Asphalt and bitumen ..	825	659	801	275	1,906	2,767	26
Northern Rhodesia—							
Motor spirit	5,020	6,072	5,928	6,265	5,372	5,185	5,769
Kerosene.. .. .	461	515	542	532	667	732	684
Gas oil	128	139	216	274	268	248	366
Lubricating oil ..	894	914	1,229	1,216	1,054	912	1,298
Asphalt and bitumen ..	354	960	974	600	539	1	2
Nyasaland—							
Motor spirit	1,913	2,074	(a)	1,973	(a)	1,166	1,835
Kerosene.. .. .	307	300	(a)	349	(a)	338	460
Fuel oil	817	800	(a)	688	982	910	548
Lubricating oil ..	182	219	(a)	143	(a)	226	312
Seychelles—							
Motor spirit	108	113	} (a)	(a)	(a)	(a)	(a)
Kerosene.. .. .	146	176					
Fuel oil	82	139					
Lubricating oil ..	11	13					
Sierra Leone—							
Motor spirit	1,388	2,090	2,094	2,712	2,458	2,240	2,174
Kerosene.. .. .	1,676	1,731	1,166	1,038	1,073	1,206	1,895
Fuel oil	30,962	2,330	2,274	2,598	3,439	2,770	4,042
Lubricating oil ..	205	404	369	535	423	768	788
Asphalt and bitumen ..	133	154	85	302	(a)	(a)	647
Somaliland Protectorate—							
Motor spirit	330	(a)	(a)	(a)	794	855	1,157
Kerosene.. .. .	1,655	(a)	(a)	(a)	173	198	232
Gas oil	(a)	(a)	(a)	(a)	232	177	173
Lubricating oil ..	(a)	(a)	(a)	(a)	44	33	91
Southern Rhodesia—							
Motor spirit	25,660	28,326	24,401	27,588	20,309	15,699	18,471
Kerosene.. .. .	1,872	2,361	1,775	2,299	2,514	2,329	2,535
Gas oil	591	1,101	1,116	1,589	1,970	1,946	2,496
Fuel oil	13,634	12,901	11,903	8,466	7,521	5,946	6,155
Lubricating oil ..	3,045	2,980	2,917	3,107	1,838	2,323	3,388
Other oils (total imports)	194	469	1,825	1,102	75	148	449
Paraffin wax	(a)	(a)	564	597	321	661	464
Asphalt and bitumen ..	7,305	8,048	5,752	4,864	2,293	29	1,507
South West Africa—							
Motor spirit	4,858	9,582	6,978	4,779	7,496	5,305	4,938
Kerosene.. .. .	1,285	1,758	1,543	2,395	1,854	1,887	2,879
Lubricating oil ..	610	585	544	451	270	384	653
Other oils	3,802	4,590	4,904	4,555	6,460	5,269	7,034
Asphalt and bitumen ..	107	118	154	35	1	9	—
Tanganyika Territory—							
Motor spirit	10,019	11,879	8,312	9,080	10,024	11,925	14,379
Kerosene.. .. .	5,828	5,933	4,628	4,813	5,769	6,428	7,461
Gas oil	} 8,551	10,012	2,451	2,436	4,024	3,476	4,397
Diesel oil.. .. .			7,594	5,536	4,784	4,080	3,858
Fuel oil	8,907	—	362	612	1,546	745	427
Lubricating oil ..	1,159	1,066	1,557	1,179	1,346	1,548	1,896
Greases	58	65	66	70	64	83	129
Union of South Africa—							
Motor spirit	504,223	592,624	558,635	535,352	532,954	459,765	482,755
Other spirit	1,665	2,767	1,438	2,695	2,483	4,188	2,698

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Union of South Africa—							
<i>(cont.)</i>							
Turpentine substitute ..	4,191	4,790	4,736	6,406	5,079	1,119	6,546
Kerosene	56,994	73,833	62,418	49,743	67,273	80,814	92,196
Gas oil	29,508	52,648	44,993	41,140	59,673	60,404	65,411
Fuel oil (d)	435,595	553,080	1,336,970	1,201,104	1,559,087	922,481	230,842
Lubricating oil ..	35,616	39,154	56,800	42,300	32,815	34,823	46,614
Transformer oil ..	1,988	1,920	1,725	1,346	521	1,646	976
Road oil	13,360	12,338	9,487	4,487	3,960	615	211
Other oils	719	765	1,707	1,370	537	1,079	1,564
Paraffin wax	12,651	15,451	14,139	16,808	5,094	15,673	17,504
Asphalt and bitumen ..	25,493	23,463	26,060	10,244	5,804	7,912	3,308
Petroleum jelly	1,104	1,739	2,024	1,673	528	1,649	1,711
Zanzibar—							
Motor spirit	1,781	1,608	886	959	754	911	899
Kerosene, etc.	1,486	1,081	3,175	768	3,098	1,321	1,082
Fuel oil	633	1,272	1,236	1,253	865	1,519	430
Lubricating oil, etc. ..	109	47	72	47	62	127	126
Canada—							
Crude petroleum	4,892,083	5,299,459	6,089,506	6,684,814	6,303,362	7,107,965	8,149,692
Motor spirit	390,289	357,446	346,184	290,238	380,314	319,688	299,674
Kerosene, etc.	21,332	28,278	23,624	7,386	34,860	41,051	34,054
Lubricating oils	64,694	72,269	74,027	59,595	60,552	53,929	54,772
Fuel oil	83,647	78,737	197,306	129,762	168,668	223,210	263,846
do. (bunkers)	129,994	171,072	226,888	134,345	86,320	115,903	96,731
Other petroleum oils ..	750	1,175	1,554	4,747	1,957	1,538	6,856
Petroleum jelly, etc. ..	(£47,335)	(£70,255)	(£77,916)	(£103,059)	(£99,764)	(£111,926)	(£103,464)
Grease	2,495	3,446	4,100	5,105	4,641	4,594	4,695
Paraffin wax, etc. .. .	6,275	8,053	8,148	11,202	7,809	9,260	7,903
Asphaltum oil, etc. ..	187	610	193	294	2	—	—
Asphalt	13,220	10,452	12,631	20,569	13,138	6,681	5,405
Petroleum coke	60,130	106,515	133,575	196,854	279,246	298,955	198,187
Other products	16,010	11,603	8,658	5,069	5,064	4,736	5,200
Newfoundland (b)—							
Motor spirit (e)	17,037	13,660	16,040	17,466	(c) 14,831	14,821	89,695
Kerosene	3,161	1,856	2,210	3,538	(c) 3,919	3,960	3,588
Lubricating oil	1,311	1,255	1,660	3,657	(c) 3,558	4,352	2,827
Fuel oil, etc.	7,341	8,278	19,035	30,063	(c) 34,765	33,624	155,492
Paraffin wax	(£655)	(£856)	(£515)	(£2,596)	(c) 1	31	26
Asphalt, etc.	(£561)	(£949)	(£989)	(£2,005)	(c) (£1,476)	(£3,778)	4,550
British Guiana—							
Crude petroleum	11,375	10,584	12,214	29,902	23,892	34,026	33,124
Aviation spirit	57	105	35	125	237	333	204
Motor spirit	3,489	3,368	3,376	4,100	3,444	2,670	3,130
Kerosene	1,829	1,592	1,678	1,692	1,165	1,776	2,085
Fuel oil, etc.	4,224	4,042	5,436	10,662	8,393	11,196	13,718
Lubricating oil	608	732	(a)	(a)	(a)	(a)	(a)
Tar and pitch	197	221	239	287	252	292	181
Paraffin wax	10	10	(a)	(a)	(a)	(a)	(a)
Asphalt	197	395	89	280	495	447	—
British West Indies—							
Bahamas—							
Crude petroleum	3,273	4,237	2,424	4,306	} (a)	(a)	(a)
Motor spirit	3,544	3,423	4,249	3,410			
Kerosene	1,316	1,236	1,556	1,287			
Lubricating oil	68	172	140	308			

(a) Information not available.

(b) Years ended June 30 of year following for 1938 to 1941 and ended March 31 subsequently.

(c) Nine months ended March 31, 1943.

(d) Imported chiefly for bunkering purposes.

(e) Including Aviation spirit.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British West Indies (cont.)—							
Barbados—							
Crude petroleum ..	2,771	8,293	5,024	2,858	4,637	4,714	9,710
Motor spirit ..	3,901	4,009	3,989	4,200	2,247	2,799	2,375
Kerosene ..	1,219	1,248	1,355	1,446	910	933	1,750
Road oil ..	386	452	135	(a)	(a)	(a)	(a)
Fuel oil ..	5,774	2,148	6,848	2,782	4,594	4,622	9,548
Bermuda—							
Aviation spirit ..	(a)	(a)	(a)	(a)	(a)	735	1,658
Motor spirit ..	913	1,944	1,158	2,145	3,104	680	3,202
Kerosene ..	2,784	2,305	2,565	2,424	1,492	1,604	3,074
Fuel oil ..	7,922	12,898	9,598	70,168	50,160	24,531	13,621
Lubricating oil ..	(£3,371)	(£,3843)	(£5,766)	(£5,158)	(£9,616)	287	453
Grenada—							
Motor spirit ..	596	593	290	286	414	387	425
Kerosene ..	409	401	392	392	377	400	425
Fuel oil ..	182	189	176	179	213	221	186
Lubricating oil ..	23	33	23	33	19	9	19
Road oil ..	446	576	369	185	190	198	102
Jamaica—							
Aviation spirit ..	430	650	575	611	623	1,409	2,100
Motor spirit ..	25,674	27,289	22,087	23,923	12,724	9,408	17,321
Kerosene ..	7,237	6,245	6,064	8,325	3,789	4,109	6,756
Gas oil (b) ..	1,609	6,501	11,794	3,325	9,050	(c)	10,898
Diesel oil (b) ..	4,563	1,621	10,935	8,224	2,226	2,815	19,732
Fuel oil (b) ..	152,898	162,111	119,246	72,410	54,469	13,967	15,729
Lubricating oil ..	1,168	1,493	1,235	1,862	1,304	1,143	574
Asphalt ..	4,753	7,632	4,361	3,631	2,110	5,546	1,323
Leeward Islands—							
Aviation spirit ..	36	63	70	}	(a)	(a)	(a)
Motor spirit ..	1,197	1,257	1,229				
Kerosene ..	663	653	618				
Fuel oil ..	623	857	508				
Road oil ..	807	898	920				
Lubricating oil ..	89	129	103				
St. Lucia—							
Motor spirit ..	222	248	226	304	}	(a)	(a)
Kerosene ..	177	163	153	206			
Fuel oil ..	171	213	211	251			
Lubricating oil ..	22	38	25	33			
Road oil ..	235	502	261	197			
St. Vincent—							
Crude petroleum ..	93	(a)	}	(a)	(a)	(a)	(a)
Motor spirit ..	327	341					
Kerosene ..	178	192					
Fuel oil, etc. ..	276	370					
Lubricating oil ..	24	(a)					
Asphalt, tar and pitch	—	(a)					
Trinidad and Tobago—							
Crude petroleum ..	74,512	47,965	56,934	34,405	11,857	—	148,452
Motor spirit ..	(d) 61	14	12,019	12,863	7,560	89,048	—
Kerosene ..	9	—	1	59	—	20,453	—
Gas oil ..	—	—	8,214	—	10,561	11,038	—
Fuel oil ..	—	—	36,379	535,328	161,300	7,035	—
Lubricating oil ..	1,677	2,056	1,540	3,285	4,565	4,754	2,417
Greases ..	143	177	94	420	486	302	309
Petroleum jelly ..	21	34	21	113	78	24	45
Paraffin wax ..	30	116	96	80	22	17	57
Asphalt ..	233	31	50	5	21	15	4

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

(c) Included, if any, with "Fuel oil."

(d) Excess of Re-exports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British Honduras—							
Motor spirit	1,599	1,932	1,061	1,559	1,041	2,015	951
Kerosene	816	1,118	700	920	726	1,320	396
Diesel oil	981	1,701	1,578	2,071	2,355	3,670	360
Lubricating oil	134	190	134	285	307	133	323
Asphalt	565	588	628	—	584	1,089	734
Aden—							
Motor spirit	2,112	2,857	3,668	2,120	7,912	1,119	1,357
Kerosene	1,411	1,831	2,401	1,612	3,364	3,776	3,387
Fuel oil (b)	920,833	695,321	385,946	361,817	587,904	445,169	519,542
Lubricating oil	334	253	313	433	543	372	4,218
Other petroleum oils	8	3	3	—	—	—	5,702
Petroleum jelly	11	—	1	1	14	1	—
Paraffin wax	3	3	—	—	5	—	—
Asphalt and bitumen	645	36	26	15	—	—	—
Bahrain Islands—							
Aviation spirit	256	(a)	(a)	(a)	(a)	(a)	(a)
Motor spirit	886						
Kerosene	1,160						
Brunei—							
Kerosene	752	(a)	(a)	(a)	(a)	(a)	(a)
Fuel oil	112						
Lubricating oil	142						
British India—(total imports)							
Motor spirit	(d) 249,570	282,909	224,064	243,445	289,601	540,945	1,506,487
Other spirit	(e) 36,856	6,952	13,518	11,539	30,382	57,552	184,521
Kerosene	(e) 685,254	704,573	671,431	573,135	346,532	291,638	357,614
Diesel oil	(c) 120,522	191,302	210,430	257,461	318,175	301,071	294,854
Fuel oil	433,972	408,401	430,761	473,067	631,723	644,455	734,842
White oil	1,116	1,919	709	1,026	159	76	27
Lubricating oil	144,331	135,641	174,447	151,896	109,263	94,227	87,959
Turpentine substitute	2,479	2,489	1,766	4,347	2,241	550	(a)
Other oils	4,169	4,071	8,036	8,027	1,902	2,600	(a)
Greases	2,742	3,172	4,336	4,973	3,651	2,189	2,467
Paraffin wax	1,171	1,582	2,225	4,999	351	70	643
Asphalt	45,652	33,798	46,772	52,165	62,035	84,091	151,310
Burma—							
Motor spirit	104	123	37	(a)	(a)	(a)	(a)
Kerosene	2,031	479	285				
Lubricating oil	4,052	2,562	4,812				
Fuel oil	115,580	105,558	84,914				
Other oils	587	196	458				
Greases	204	188	355				
Paraffin wax	133	32	6				
Asphalt	7,257	6,135	9,313				
Ceylon—							
Motor spirit	40,299	42,323	39,836	33,843	50,344	49,495	58,760
Kerosene	29,334	29,992	27,502	26,303	34,740	27,510	28,341
Gas oil	—	2,910	2,664	3,699	4,776	4,908	4,957
Diesel oil (b)	85,993	87,968	81,393	78,474	74,138	89,830	107,588
Fuel oil (b)	325,690	285,485	275,796	200,590	115,783	270,252	438,116
Lubricating oil	2,849	3,213	4,736	3,413	2,622	5,887	2,526
Other oils and greases	89	112	129	118	106	249	59
Asphalt	8,890	10,407	8,398	5,955	7,988	8,787	12,162

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

(c) April to December only.

(d) Including "Other spirit" from January to March.

(e) Including "Diesel oil" from January to March.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Cyprus—							
Crude petroleum ..	15,560	} (a)	(a)	(a)	(a)	(a)	(a)
Motor spirit, etc. ..	4,883						
Kerosene, etc. ..	3,443						
Lubricating oil ..	806						
Paraffin wax ..	92						
Asphalt and bitumen ..	1,953						
Hong Kong (total imports)—							
Motor spirit ..	47,199	36,867	57,542	} (a)	(a)	(a)	(a)
Kerosene ..	57,289	46,082	42,379				
Fuel oil (b) ..	204,210	127,030	58,366				
Dielsel oil ..	42,391	58,090	48,075				
Lubricating oil ..	11,990	5,831	7,422				
Other oils ..	10	—	5				
Greases ..	792	452	1,030				
Petroleum jelly ..	346	153	452				
Paraffin wax ..	10,744	5,664	4,244				
Malayan Union (total imports)—							
Crude petroleum ..	32	43	65	} (a)	(a)	(a)	(a)
Motor spirit ..	449,093	488,852	546,423				
Kerosene ..	162,300	150,188	147,967				
Fuel oil ..	632,072	766,372	651,364				
Lubricating oil ..	13,852	18,574	22,996				
Paraffin wax ..	1,493	1,738	6,731				
Asphalt and bitumen ..	22,663	16,825	19,456				
Other petroleum products	263	37	1				
Palestine—							
Crude petroleum and fuel oil (c) ..	65,407	83,950	(a)	(a)	2,020,611	2,804,358	3,310,681
Motor spirit ..	37,900	31,781	(a)	(a)	397,510	287	195
Kerosene ..	47,182	47,857	(a)	(a)	—	—	—
Lubricating oils ..	3,266	3,921	(a)	(a)	4,753	3,541	7,382
Petroleum jelly ..	23	40	53	46	49	54	78
Paraffin wax ..	252	328	291	337	142	220	189
Asphalt and bitumen ..	9,555	17,734	22,700	2,480	106	164	424
Sarawak—							
Crude petroleum ..	692,024	766,006	852,444	} (a)	(a)	(a)	(a)
Motor spirit ..	777	1,111	930				
Kerosene ..	2,906	3,052	3,226				
Fuel oil ..	27,109	3	4				
Lubricating oil ..	547	600	604				
Natural gas (1,000 cu. ft.)	1,045,621	1,181,890	1,510,077				
State of North Borneo—							
Motor spirit ..	711	877	733	(a)	(a)	(a)	(a)
Kerosene ..	1,163	1,478	1,462	(a)	(a)	(a)	(a)
Lubricating oil ..	331	297	(a)	(a)	(a)	(a)	(a)
Australia—							
Crude petroleum ..	249,014	251,613	303,962	339,199	20,769	2,672	198
Motor spirit ..	1,091,877	1,089,668	1,104,601	789,421	749,837	1,005,366	1,164,791
Kerosene ..	204,392	208,627	220,577	171,534	198,094	248,896	276,536
Lubricating oil ..	61,912	76,435	105,320	101,797	86,838	146,523	168,398
Residual and solar oils ..	505,463	564,290	647,595	711,854	1,153,169	1,413,024	1,583,037
Petroleum jelly ..	1,007	1,131	2,179	1,992	1,665	2,487	2,237
Greases ..	2,294	1,989	1,202	433	194	16	150
Paraffin wax, etc. ..	1,708	4,528	3,710	7,525	1,485	3,952	2,943
Mastic asphalt ..	297	869	153	—	—	—	—

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

(c) Crude petroleum only from 1943.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Fiji—							
Crude petroleum and diesel oil	8,772	17,189	13,541	48,673	30,447	7,351	15,745
Motor spirit	5,299	6,298	4,970	4,437	5,423	3,051	4,279
Kerosene	1,452	1,462	1,346	1,344	1,090	1,467	1,084
Lubricating oil	452	576	805	644	1,113	435	527
Greases	152	216	172	120	149	48	77
Bitumen and tar	255	307	194	424	137	121	173
New Guinea (c)—							
Motor spirit	3,565	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Kerosene	751						
Lubricating oil	313						
Other petroleum oils	3,605						
New Zealand—							
Crude petroleum, fuel oil, etc.	266,513	240,958	220,992	240,642	319,367	305,985	397,973
Motor spirit	335,317	341,345	306,245	215,975	192,721	216,645	195,188
Turpentine substitute	1,616	1,617	2,594	2,350	1,415	2,291	2,220
Kerosene	6,901	5,405	6,664	2,819	8,137	6,384	7,250
Gas-oil	19,175	19,540	22,201	22,264	17,636	32,742	22,719
Lubricating oil	12,254	13,045	18,367	13,877	8,102	14,566	14,143
Transformer oil	540	687	828	867	419	327	375
Other refined oils	1,147	2,132	3,198	1,652	1,280	3,471	4,356
Paraffin wax	733	1,187	1,337	1,328	483	2,835	528
Asphalt and bitumen	19,683	19,941	22,271	10,723	6,499	9,822	12,327
Papua (c)—							
Motor spirit, etc.	2,522	2,885	(a)	(a)	(a)	(a)	(a)
Kerosene	326	238	(a)	(a)	(a)	(a)	(a)
Solomon Islands (b)—							
Crude petroleum	518	763	327	389	} (a)	} (a)	} (a)
Motor spirit	245	318	127	386			
Kerosene	176	245	119	112			
Lubricating oil	64	38	26	36			
Distillates	273	481	139	194			
Western Samoa—							
Motor spirit	780	849	497	} (a)	} (a)	} (a)	} (a)
Kerosene	243	223	158				
Fuel oil	70	146	143				
Lubricating oil	41	17	38				
Asphalt and bitumen	110	129	44				
FOREIGN COUNTRIES							
Albania—							
Motor spirit	3,438	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Kerosene	2,228						
Gas oil	2,766						
Fuel oil	263						
Lubricating oils, etc.	322						
Paraffin wax, etc.	240						
Austria (d)—							
Crude petroleum	153,002	39,361	} (a)	} (a)	} (a)	} (a)	} (a)
Motor spirit	70,825	25,296					
Kerosene	22,316	11,452					
Gas oil	38,183	19,353					
Fuel oil, etc.	31,990	11,282					
Lubricating oil and grease	8,100	2,885					

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30.

(d) Figures for 1939 are for January to March only.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
<i>Austria—(cont.)</i>							
Petroleum jelly	133	32	} (a)	(a)	(a)	(a)	(a)
Paraffin wax	3,579	1,150					
Petroleum coke	1,107	38					
Ozokerite and ceresin ..	80	17					
Asphalt	5,125	15					
<i>Belgium-Luxemburg E. U.—</i>							
Crude petroleum	303,544	203,407	(a)	—	—	—	—
Motor spirit, etc.	295,957	286,764	(a)	40,509	19,362	15,657	9,476
Kerosene	7,768	6,764	(a)	1,753	67	28	23
Gas oil	210,613	223,914	(a)	} 30,969	11,549	14,473	7,275
Fuel oil, etc.	82,613	109,361	(a)				
Lubricating oil	154,919	174,417	(a)	6,149	13,365	22,297	12,655
Other heavy oils	387	359	(a)	8	34	114	253
Petroleum jelly	2,039	2,474	(a)	7	443	118	93
Paraffin wax	7,677	5,763	(a)	151	482	564	473
Ozokerite and ceresin ..	285	680	(a)	761	788	525	513
Asphalt, bitumen, etc. ..	13,644	11,970	(a)	5,085	7,175	1,508	1,248
Residual asphalt	11,087	8,970	(a)	52	1,224	1,670	158
<i>Bulgaria—</i>							
Crude petroleum	28,569	(a)	27,000	14,000	7,900	3,697	10,146
Motor spirit	11,215	(a)	15,400	13,700	22,500	12,333	5,474
Kerosene	20,783	(a)	25,200	21,100	15,065	20,019	13,916
Gas oil	18,754	(a)	15,700	16,400	16,824	19,456	13,963
Lubricating oil, etc. ..	7,449	(a)	7,200	7,000	6,131	7,313	6,651
Paraffin wax, ceresin, etc.	258	(a)	408	185	500	678	151
Tar	7	(a)	(a)	(a)	5	—	—
Petroleum jelly	46	(a)	40	52	229	912	250
Ozokerite and ceresin ..	—	(a)	(a)	5	35	77	105
Asphalt and bitumen ..	5,655	(a)	9,298	13,675	2,158	7,053	1,412
<i>Czecho-Slovakia—</i>							
Crude petroleum, etc. ..	197,626	} (a)	(a)	(a)	(a)	(a)	(a)
Motor spirit and kerosene	1,178						
Fuel oil and gas oil ..	140,347						
Lubricating oil and greases	19,489						
Paraffin wax	318						
Ozokerite and ceresin ..	48						
Petroleum jelly	257						
Asphalt products	1,433						
<i>Denmark—</i>							
Crude petroleum	10,620	13,352	30	30	—	—	16,791
Motor spirit	330,964	333,589	42,796	13,510	15,485	6,715	4,522
Kerosene	115,574	102,380	18,888	16,355	11,800	7,909	5,231
Turpentine substitute ..	4,027	5,127	1,386	1,674	3,302	1,695	1,265
Fuel oil and gas oil ..	363,618	383,416	89,709	28,656	40,455	35,584	20,260
Lubricating oil	26,688	34,648	14,081	1,406	4,367	7,731	8,389
Petroleum jelly	304	468	283	83	73	288	690
Ozokerite, etc.	64	146	211	605	632	363	770
Paraffin wax	1,480	1,663	1,419	415	577	827	926
Natural asphalt	759	1,521	940	2,569	1,444	718	97
Other asphalt and petroleum products ..	33,939	46,868	4,564	1,946	2,059	2,147	1,268
<i>Estonia—</i>							
Crude petroleum	3,035	} (a)	(a)	(a)	(a)	(a)	(a)
Motor spirit	5,297						
Kerosene	21,008						
Fuel oil	680						
Gas oil	4,493						
Lubricating oil	2,779						
Petroleum jelly, etc. ..	70						
Paraffin wax, etc. ..	267						
Asphalt and tar	83						

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Finland (total imports)—							
Crude petroleum	} 31,928	47,350	} 5,529	1,086	491	117	30
Fuel oil							
Motor spirit							
Kerosene							
Lubricating oil							
Petroleum jelly							
Paraffin wax							
Asphalt and tar							
Crude petroleum	134,496	22,612	72,756	63,169	70,577	65,721	9,058
Fuel oil	63,703	26,896	16,819	6,909	4,390	3,163	22,415
Motor spirit	13,907	14,139	2,966	4,778	5,791	10,378	10,832
Kerosene	393	284	75	109	64	85	7,363
Lubricating oil	924	815	303	615	495	355	95
Petroleum jelly	20,501	22,305	3,448	2,974	2,045	5,213	440
Paraffin wax							1,931
Asphalt and tar							
France—							
Crude petroleum	6,870,941	6,050,524	3,579,126	24,711	—	—	5
Motor spirit	533,735	405,796	271,602	168,141	96,092	48,085	28,767
Kerosene	2,665	3,026	225	13,750	8,259	8,444	615
Lubricating oil	68,684	62,336	41,592	77,101	38,188	37,263	24,588
Fuel oil	398,275	456,137	274,132	171,329	20,670	7,051	776
Gas oil	92,483	58,862	21,830	37,311	64,170	43,708	34,742
Road oil, etc.	18,130	6,125	1,277	438	81	38	87
Petroleum coke	35,825	36,720	35,683	8,187	20,451	23,327	6,988
Paraffin wax	788	349	2,236	1,637	929	182	986
Ozokerite and ceresin	292	237	275	140	62	30	15
Petroleum jelly	38	106	29	3	42	36	61
Pitch	3,488	2,976	1,278	1,602	211	168	(a)
Asphalt and bitumen	3,430	1,895	1,375	90	57	25	118
Germany—							
Crude petroleum	765,555	1,084,411	91,031	295,085	371,020	324,846	(b) 263,100
Motor spirit	1,335,669	1,257,186	820,059	1,260,214	899,982	701,931	(b) 255,932
Kerosene	21,809	38,211	102,145	174,270	98,598	70,787	(b) 38,029
Gas oil	1,444,388	1,445,700	472,389	707,577	320,459	338,087	(b) 221,728
Fuel oil	399,283	480,177	205,281	172,518	5,852	66,059	(b) 56,221
Lubricating oil, etc.	381,906	312,459	83,569	139,384	103,020	65,849	(b) 59,100
Paraffin wax	9,381	10,445	7,471	9,007	10,875	13,633	(b) 8,840
Ozokerite, etc.	3,057	1,622	206	125	193	1,426	(b) 569
Asphalt	4,663	4,450	1,821	178	621	11	(b) 501
Greece—							
Motor spirit	70,014	72,373	66,340	23,800	7,300	7,500	3,100
Kerosene	20,588	25,154	18,720	2,900	3,300	3,900	1,700
Fuel oil and diesel oil	239,147	272,017	247,804	69,000	21,000	18,000	13,000
Other oils and greases	9,763	10,992	8,701	1,442	1,196	1,686	1,764
Petroleum jelly	80	108	60	(a)	(a)	(a)	(a)
Asphalt and bitumen	12,243	11,228	2,725	216	48	—	—
Hungary—							
Crude petroleum	170,953	148,607	33,100				
Motor spirit	733	960	(a)				
Kerosene	—	55	} 1,600				
Gas oil	1,171	1,081					
Fuel oil	26,506	19,279	2,800				
Lubricating oil	6,465	5,034	3,100	(a)	(a)	(a)	(a)
Paraffin wax	697	728	13				
Petroleum jelly	151	173	164				
Ozokerite and ceresin	33	27	(a)				
Asphalt, bitumen and tar	1,741	2,980	} 255				
Petroleum coke	181	89					
Iceland—							
Crude petroleum	—	—	4,252	14,620	14,699	—	—
Motor spirit	5,931	7,888	2,514	8,731	13,221	13,935	12,725
Kerosene	2,095	3,857	6,251	1,461	1,078	2,962	1,844
Gas oil and fuel oil	10,541	14,387	4,138	2,223	7,190	20,080	18,319
Lubricating oil	698	1,193	970	1,384	1,957	1,642	1,267
Greases	24	20	28	56	55	38	49
Paraffin wax	17	30	27	45	54	45	39
Asphalt	—	—	19	62	28	28	151
Petroleum jelly	3	3	3	5	9	4	5

(a) Information not available.

(b) January to July only.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)								
Italy—								
Crude petroleum ..	1,453,200	1,870,300	1,095,400	229,000	255,000	(b) 100,000	(a)	
Motor spirit ..	98,704	88,800	66,700	72,000	120,000	(b) 61,000		
Kerosene ..	51,002	62,100	68,600	63,000	69,000	(b) 45,000		
Gas oil ..	948,353	113,200	105,100	117,000	124,000	(b) 146,000		
Fuel oil ..		685,000	489,600	116,000	77,000	(b) 36,000		
Lubricating oil ..	43,285	40,600	41,200	21,000	55,000	(b) 22,000		
Petroleum jelly ..	351	356	120	290	1,650	(b) 1,345		
Paraffin wax ..	17,076	20,458	7,073	5,435	11,559	(b) 6,443		
Ceresin ..	83							
Bitumen ..	22,943	15,974	8,580	8,747	18,602	(b) 9,678		
Petroleum coke ..	12,958	(a)	(a)	(a)	(a)	(a)		
Latvia—								
Crude petroleum ..	10,147	(a)	(a)	(a)	(a)	(a)	(a)	
Motor spirit ..	16,581							
Kerosene ..	28,660							
Gas oil ..	5,030							
Fuel oil ..	262							
Lubricating oil ..	1,975							
Shale oil ..	2,261							
Petroleum jelly ..	11							
Paraffin wax ..	346							
Ozokerite and ceresin ..	17							
Asphalt and bitumen ..	5,475							
Lithuania—								
Crude petroleum and fuel oil ..	18,183	(a)	(a)	(a)	(a)	(a)	(a)	
Shale oil ..	1,040							
Motor spirit ..	5,089							
Kerosene ..	23,097							
Lubricating oil ..	3,896							
Paraffin wax ..	444							
Petroleum jelly ..	34							
Ozokerite and ceresin ..	11							
Asphalt, etc. ..	2,717							
Netherlands—								
Crude petroleum ..	426,632	979,129	338,003	—	—	—	(a)	
Motor spirit ..	239,614	256,347	78,567	49,535	25,545	15,610		
Kerosene ..	249,211	264,187	122,149	15,239	10,437	5,431		
Gas oil ..	410,568	444,984	120,065	19,474	28,928	12,664		
Fuel oil ..	641,258	203,104	11,480	7,655	124	174		
Lubricating oil ..	52,893	60,820	25,740	1,448	3,640	8,806		
Greases ..	2,019	2,459	1,210	3	5	3		
Petroleum jelly ..	1,154	1,067	521	2	4	2		
Paraffin wax ..	4,004	5,669	3,046	1,001	1,525	1,228		
Ozokerite and ceresin ..	208	383	371	483	467	367		
Asphalt ..	11,260	7,113	1,409	23	74	819		
Natural asphalt ..	1,866	3,372	746	64	20	398		
Norway—								
Crude petroleum ..	36,013	9,587	14,411	—	—	—		5,832
Motor spirit ..	173,669	243,395	53,701	85,978	82,112	67,013		58,541
Turpentine substitute ..	1,129	2,469	1,959	1,005	819	634	122	
Kerosene ..	29,432	41,792	11,289	14,841	6,365	9,589	6,080	
Fuel oil and solar oil ..	331,271	373,247	158,634	81,998	72,134	77,156	87,726	
Residual oils, etc. ..	12,224	16,573	9,289	4,217	9,128	10,887	13,028	
Paraffin wax ..	(a)	1,226	623	401	687	612	476	
Petroleum jelly ..	783	1,113	478	179	243	443	533	
Asphalt, etc. ..	12,336	17,289	10,216	1,240	698	601	1,586	

(a) Information not available.

(b) January to June only.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Motor spirit	66	}	(a)	(a)	(a)	(a)	(a)
Fuel oil and gas oil	286						
Lubricating oil	1,096						
Greases	58						
Petroleum jelly	296						
Ozokerite, ceresin, etc. ..	680						
Asphalt and tar	3,865						
Portugal—							
Crude petroleum	(a)	(a)	114,069	102,250	17,196	—	—
Motor spirit	72,823	71,896	34,574	34,140	13,008	30,463	38,410
Kerosene	49,603	48,829	23,222	14,049	2,142	17,161	26,161
Fuel oil and gas oil	56,451	68,868	35,726	25,088	7,989	31,460	36,858
Lubricating oil	10,838	11,344	7,048	1,883	1,656	5,808	6,767
Other mineral oils	3,117	4,372	1,191	458	169	180	190
Petroleum jelly	103	54	32	22	46	135	136
Paraffin wax	1,210	1,132	731	712	128	781	282
Natural asphalt	(a)	(a)	(a)	(a)	3,102	403	2,712
Roumania—							
Petroleum oils	2,007	2,082	1,349	}	(a)	(a)	(a)
Petroleum jelly	22	(a)	(a)				
Ozokerite and ceresin ..	75	80	53				
Sweden—							
Crude petroleum	90,315	63,731	6,535	—	—	—	—
Motor spirit	534,443	568,386	244,569	44,624	44,580	30,417	32,541
Kerosene	109,933	134,665	53,416	27,602	34	8	9
Fuel oil and gas oil	508,719	618,408	191,215	49,602	45,300	86,126	80,204
Lubricating oil	61,392	69,877	32,508	7,492	16,221	28,299	22,004
Petroleum jelly	526	657	384	616	550	1,292	395
Other oils	12,107	12,477	5,940	46	78	146	47
Paraffin wax	5,736	8,067	4,155	1,417	1,296	969	706
Ozokerite and ceresin ..	446	503	334	338	227	387	412
Asphalt	4,725	4,142	1,613	2,370	1,860	2,175	2,590
Pitch	21,922	32,438	20,642	6,602	15,687	9,439	6,928
Switzerland—							
Motor spirit	197,363	185,570	114,730	45,644	33,618	29,006	35,577
Kerosene	19,796	22,201	15,335	7,174	6,109	3,686	1,866
Fuel oil	168,421	190,358	121,776	48,849	40,715	33,550	18,130
Lubricating oil and grease	18,978	21,162	26,772	13,679	13,388	10,992	5,209
Other oils	22,187	23,273	27,581	8,017	4,656	4,387	1,283
Petroleum jelly	325	403	701	505	448	210	146
Paraffin wax and ceresin	1,737	2,445	3,674	3,641	1,792	415	520
Asphalt and bitumen ..	728	683	519	77	15	—	—
U.S.S.R.—							
Motor spirit	}	}	(a)	(a)	(a)	(a)	(a)
Kerosene							
Fuel oil							
Lubricating oil							
Petroleum jelly	128,000	226,000					
Ozokerite and ceresin ..	(b) 60	(a)	(a)	(a)	(a)	(a)	(a)
Asphalt and pitch	(b) 268	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Crude petroleum	126,294	137,653	}	(a)	(a)	(a)	(a)
Motor spirit	4,674	1,130					
Kerosene	9,263	2,464					
Gas oil, etc.	3,813	2,674					
Lubricating oil, etc. ..	6,027	3,547					
Paraffin wax	2,177	1,759					
Ozokerite and ceresin ..	65	106					
Asphalt and bitumen ..	16,770	10,208					

(a) Information not available.

(b) January to September only.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Algeria—							
Motor spirit	119,985	114,463	75,735	} 25,000	10,000	(a)	(a)
Kerosene	37,844	32,902	28,857				
Gas oil	23,193	} 85,000	} 75,000	} 25,000	} 4,000	(a)	(a)
Fuel oil and diesel oil ..	35,131						
Lubricating oil	12,062						
Road oil, etc.	20,805						
Paraffin wax	274						
Petroleum jelly	27						
Ozokerite and ceresin ..	38						
Asphalt and bitumen ..	1,149						
Angola—							
Motor spirit	5,066	5,336	5,794	5,437	4,913	4,609	5,407
Kerosene	935	824	727	883	729	703	857
Gas oil and fuel oil ..	1,792	1,339	1,853	2,045	1,888	1,624	2,357
Lubricating oil	802	842	863	627	823	834	783
Belgian Congo—							
Motor spirit	19,312	19,696	} (a)	} (a)	} (a)	} (a)	} (a)
Kerosene	2,909	3,597					
Fuel oil, etc.	4,349	4,866					
Lubricating oil and greases	3,641	3,377					
Petroleum jelly	6	4					
Paraffin wax	27	43					
Asphalt	96	59					
Cameroun (French)—							
Motor spirit	4,685	6,523	3,109	5,686	6,806	5,743	4,497
Kerosene	1,460	1,705	1,010	1,031	678	1,076	758
Fuel oil	781	897	862	714	947	821	832
Lubricating oil	724	273	362	283	477	776	792
Cape Verde Islands—							
Motor spirit	202	218	209	238	104	75	127
Kerosene	362	387	311	333	69	87	185
Fuel oil (b)	402,218	241,649	242,028	38,196	3,869	15,166	9,075
Egypt—							
Crude petroleum	104,349	11,720	—	10,393	10	—	—
Motor spirit	30,097	36,696	26,281	127,136	423,408	473,491	191,387
Turpentine substitute ..	112	148	158	159	292	409	2,206
Kerosene	301,872	257,966	180,011	170,610	217,050	241,930	472,822
Fuel oil, etc.	223,086	183,984	139,808	170,668	285,963	613,421	903,115
Lubricating oil	20,060	23,435	22,718	17,449	24,761	19,555	29,977
Petroleum jelly	188	273	163	220	144	97	323
Paraffin wax	513	430	477	678	128	46	134
Ozokerite and ceresin ..	10	4	6	1	—	—	2
Asphalt and bitumen ..	7,531	7,550	1,751	167	44	60	784
French Equatorial Africa—							
Aviation spirit	786	} 10,454	} 9,190	} 16,053	} 26,930	} 16,694	} 9,828
Motor spirit	7,275						
Kerosene	1,493						
Gas oil	1,438						
Fuel oil	735						
Lubricating oil	905						
Road oil	—						
Grease	67						
French Somaliland—							
Motor spirit	1,279	} 2,788	} 2,427	} 1,524	} 462	} 2,497	} 21,914
Kerosene	449						
Lubricating oil	788						

(a) Information not available.

(b) Imported chiefly for bunkering purposes. See exports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French Togoland—							
Crude petroleum	56	2,724	2,247	119	41	1,489	1,033
Motor spirit	747						
Kerosene	1,292						
Fuel oil	503						
Lubricating oil	102						
French West Africa—							
Motor spirit	27,934	66,957	33,140	20,629	6,575	21,945	30,483
Kerosene	8,014						
Fuel oil	14,656						
Lubricating oil	3,598						
Italian East Africa—							
Motor spirit	51,896	(a)	(a)	(a)	(a)	(a)	(a)
Kerosene	7,333						
Fuel oil	69,938						
Lubricating oil	5,210						
Liberia—							
Aviation spirit	21	(a)	(a)	(a)	(a)	(a)	(a)
Motor spirit	1,005						
Kerosene	504						
Fuel oil, etc.	472						
Lubricating oil	62						
Libya—							
Motor spirit	17,000	(a)	(a)	(a)	(a)	(a)	(a)
Kerosene	6,664						
Lubricating oil and grease	2,572						
Residual oil	36,709						
Asphalt and bitumen	7,693						
Madagascar—							
Motor spirit	9,554	13,708	4,802	1,576	567	1,840	5,346
Kerosene	4,021						
Fuel oil, gas oil, etc.	2,472						
Road oil, etc.	394						
Lubricating oil	1,989	4,916	133	—	507	—	—
Asphalt and bitumen	5						
Lubricating oil	753		88			565	1,856
Asphalt and bitumen	5	(a)	8	(a)	(a)	(a)	(a)
Morocco (French)—							
Motor spirit	129,968	94,927	61,769	36,000	11,000	46,000	121,000
Kerosene	12,473						
Gas oil	29,050						
Diesel oil							
Fuel oil	52,000	48,000	36,000	11,000	46,000	121,000	
Lubricating oil and grease							
Paraffin wax	5,714						
Asphalt	5,522						
Morocco (Spanish)—							
Crude petroleum	259	(a)	(a)	(a)	(a)	(a)	(a)
Motor spirit	7,948						
Kerosene	1,110						
Gas oil	1,356						
Lubricating oil and grease	412						
Paraffin wax	438						
Asphalt	614						
Mozambique—							
Motor spirit	7,199	7,936	7,271	9,270	8,640	8,685	9,205
Kerosene	3,319	3,664	3,401	3,507	4,117	3,640	3,812
Fuel oil	4,800	6,433	6,074	5,970	6,543	4,947	5,734
Lubricating oil	1,705	1,662	1,767	1,512	1,495	1,309	1,881
Paraffin wax	45	57	45	48	37	4	47
Petroleum jelly	8	15	8	10	6	3	13
Asphalt and bitumen	2,460	1,222	(b) 861	(b) 486	(b) 1,027	(b) 220	(b) 199

(a) Information not available.

(b) Including coal tar and pitch.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Portuguese Guinea—							
Motor spirit	526	481	430	553	40	144	338
Kerosene	155	191	155	209	—	52	142
Fuel oil	229	194	371	222	78	170	200
Lubricating oil	45	31	40	—	26	—	—
Réunion—							
Motor spirit	3,101	4,069	2,409	105	5	484	1,453
Kerosene	1,048						
Heavy oils	383						
S. Thomé and Príncipe—							
Motor spirit	(a)	200	143	166	51	132	116
Kerosene	(a)	57	82	78	28	38	38
Fuel oil	(a)	111	25	22	46	20	48
Tunis—							
Motor spirit	45,146	52,740	32,568	7,401	487	5,748	(a)
Kerosene	23,994	24,775	17,683	4,508	1,964	576	
Fuel oil	2,880	(a)	(a)	3,300	2,087	—	
Gas oil	28,089	30,306	36,198	13,177	979	5,920	
Road oil	6,381	(a)	(a)	32	18	—	
Lubricating oil	4,957	5,711	4,165	493	233	154	
Petroleum jelly	19	(a)	(a)	—	—	—	
Paraffin wax	24	(a)	(a)	16	3	—	
Asphalt and bitumen	1,212	(a)	(a)	488	79	—	
Costa Rica (b)—							
Motor spirit	7,835	9,801	9,000	12,000	11,000	9,000	13,000
Diesel oil	1,561	13,584	(a)	19,000	6,000	8,000	11,000
Fuel oil	28,155	26,390	11,000	31,000	18,000	17,000	34,000
Grease	47	78	(a)	121	73	160	131
Petroleum jelly	11	19	(a)	20	8	51	17
Paraffin wax	1,192	1,356	858	1,146	682	337	781
Asphalt	2,893	578	(a)	3,235	487	1,248	1,752
Cuba (b)—							
Crude petroleum	87,034	137,624	125,259	152,274	112,627	107,263	80,562
Aviation spirit	1,455	629	1,157	(a)	(a)	(a)	(a)
Motor spirit	72,846	55,533	61,764	53,765	45,962	23,210	26,169
Kerosene	409	10	12	30	32	161	679
Fuel oil	404,658	583,392	557,448	728,007	672,851	895,921	986,478
Gas oil	—	18	96	—	2,690	7,586	11,116
Lubricating oil	6,652	8,866	6,540	12,034	10,582	9,095	9,683
Residual oils	—	—	—	—	—	10,473	—
Petroleum jelly	359	389	251	623	478	781	1,006
Greases	116	146	4	2	1	1	9
Paraffin wax	1,422	1,710	1,025	1,607	1,459	1,069	2,095
Asphalt rock	81	28	4	6	4	4,103	—
Other asphalt	91	73	59	8,509	209	6	91
Bitumen	221	214	167	176	182	162	179
Petroleum coke	2,263	—	5,635	3,991	5,958	13,132	3,469
Dominican Republic (b)—							
Motor spirit	12,562	12,057	12,500	15,000	10,000	10,000	(a)
Kerosene	4,420	4,430	3,800	4,000	3,000	2,000	
Fuel oil	34,306	25,727	24,800	35,000	21,000	29,000	
Lubricating oil	1,181	1,617	1,100	1,400	1,100	1,700	
Other oils	619	1,190	1,100	4,000	1,000	3,000	
French West Indies—							
Guadeloupe—							
Motor spirit	3,752	7,771	6,391	4,807	3,770	4,699	5,629
Kerosene	1,381						
Fuel oil and lubricating oil	964						

(a) Information not available.

(b) Total imports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French West Indies—(cont.)							
Martinique—							
Motor spirit	(a)	} 9,835	} 9,159	} 10,563	} 7,286	} 4,518	} 8,466
Kerosene	1,455						
Fuel oil	(a)						
Lubricating oil	(a)						
Road oil	(a)						
Guatemala—							
Crude petroleum, etc. ..	64,410	68,000	123,000	110,000	67,000	42,000	72,000
Motor spirit	12,792	14,100	15,300	6,300	8,800	6,900	6,700
Kerosene	8,389	3,300	2,300	3,000	2,400	1,900	2,300
Diesel oil	2,120	7,900	14,200	13,800	7,500	11,300	19,900
Lubricating oil	869	1,300	1,100	1,500	1,300	1,500	1,500
Grease	105	121	121	142	154	118	162
Asphalt	13	988	490	3,991	1,975	1,663	2,989
Paraffin wax, etc. ..	1,334	1,418	939	1,156	489	593	1,118
Haiti (d)—							
Motor spirit	5,548	5,441	5,393	7,918	6,885	5,279	7,115
Kerosene	2,856	2,741	2,800	2,418	2,800	509	2,164
Fuel oil	2,252	2,988	2,917	4,229	5,542	3,938	4,083
Lubricating oil	395	478	420	420	420	280	560
Honduras (c)—							
Motor spirit	6,000	5,900	6,000	6,800	4,600	7,700	5,600
Kerosene, etc.	1,000	800	1,100	1,000	500	800	700
Fuel oil	93,600	90,000	88,200	88,700	19,700	55,300	57,600
Lubricating oil	100	600	600	900	900	900	800
Mexico—							
Crude petroleum	8,516	13,826	15,968	17,861	} (a)	} (a)	} (a)
Motor spirit	8,582	8,991	8,235	43,027			
Kerosene	333	707	961	1,045			
Fuel oil and gas oil ..	162,065	37,181	83,088	38,461			
Paraffin wax	9,028	11,133	10,810	15,446			
Lubricating oil, etc. ..	8,479	9,490	14,327	20,756			
Petroleum jelly	219	406	324	390			
Asphalt	480	189	96	170			
Natural gas (1,000 cu. feet)	(b)1,936,334	3,988,130	6,022,779	7,753,858			
Netherlands West Indies—							
Crude petroleum	23,412,814	21,849,000	17,657,000	21,518,000	12,538,000	20,250,000	25,389,000
Motor spirit	1,015,664	(a)	460,000	180,000	205,000	112,000	95,000
Kerosene	257,363	(a)	8,300	10,800	—	—	2,100
Fuel oil	754,981	(a)	1,482,000	2,068,000	487,000	951,000	711,000
Diesel oil	86,504	(a)	} 387,000	} 247,000	} 376,000	} 35,000	} 243,000
Gas oil	810,547	(a)					
Lubricating oil	2,156	(a)	—	3,800	2,800	—	100
Nicaragua (e)—							
Motor spirit	3,438	4,641	5,962	7,476	5,407	11,749	8,824
Kerosene	1,803	3,121	993	2,025	1,477	1,204	1,881
Fuel oil	14,393	23,713	17,067	30,882	13,997	31,045	20,483
Lubricating oil	505	838	872	1,043	928	1,255	1,649
Panama—							
Motor spirit	17,800	18,400	22,100	34,600	36,700	27,400	25,200
Kerosene	3,600	2,800	(a)	5,700	6,700	5,800	3,300
Diesel oil	2,300	4,200	(a)	12,300	13,200	6,900	7,700
Fuel oil	5,200	27,500	(a)	76,500	73,400	63,800	46,700
Lubricating oil	800	1,200	(a)	2,700	4,000	1,500	2,100
St. Pierre and Miquelon—							
Motor spirit	416	} 851	} 425	} 338	} 598	} 625	} 165
Gas oil and fuel oil ..	977						

(a) Information not available.

(b) In addition 956 long tons were imported.

(c) Years ended March 31 of year following that stated.

(d) Years ended September 30.

(e) Total imports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Salvador—							
Motor spirit	6,053	6,500	6,300	6,100	} (a)	(a)	(a)
Kerosene	2,145	2,500	2,300	2,400			
Fuel oil	12,326	8,500	17,600	17,400			
Diesel oil	2,339	2,900	3,600	4,900			
Lubricating oil and grease	633	600	400	700			
Asphalt	—	1,539	3,361	1,373			
United States—							
Crude petroleum ..	3,721,000	4,872,000	6,155,000	7,433,000	1,934,000	1,972,000	6,406,000
Motor spirit, etc. ..	490	} 15,928	{ 3,429	118,876	106,051	733,052	600,608
Kerosene	—		{ 25,946	31,854	74,438	70,907	44,222
Other spirit	(a)	(a)	7,606	3	19,578	(d)	(d)
Fuel oil	b 3,691,784	2,583,305	4,372,802	5,079,948	2,495,354	3,731,255	5,545,885
Gas oil and diesel oil ..	114,433	92,024	596,243	760,987	512,655	2,057,566	1,726,475
Unfinished distillates and topped oils	(b) 232,000	1,232,000	835,000	989,000	444,708	175,695	1,449
Lubricating oil, etc. ..	1,491	1,655	2,399	1,065	1,026	636	387
Road oil and asphalt ..	8,563	(a)	112,065	128,421	102,001	98,425	113,625
Paraffin wax, etc. ..	12,698	17,118	33,322	7,385	(c) 4,352	(c) 48	—
Ozokerite and ceresin ..	2,462	371	258	5	(c) 6	5	—
Petroleum jelly	4	1	7	—	29	5	—
Asphalt and bitumen (natural)	21,112	65,935	10,331	(a)	(a)	7,270	7,353
Natural gas (1,000 cu. ft.)	425,605	191,044	(a)	(a)	(a)	(a)	—
Argentina—							
Crude petroleum ..	652,985	670,433	503,449	487,347	283,770	132,167	133,281
Motor spirit	1,990	2,196	2,258	536	164	8	17
Kerosene	410	61	43	4	5,314	18,238	4,568
Gas oil	17,753	40,816	152,448	37,922	13,496	—	4
Fuel oil	1,057,379	969,066	1,022,704	1,040,762	607,052	234,830	235,011
Diesel oil	332,224	302,586	204,874	224,528	60,121	45,539	8,040
Lubricating oil	8,602	6,290	6,406	2,044	2,110	3,790	3,268
Petroleum jelly	357	348	299	431	498	99	394
Grease	214	151	149	98	55	24	29
Paraffin wax	4,862	3,834	3,314	5,175	2,060	29	—
Ozokerite and ceresin ..	40	36	22	14	12	—	—
Asphalt for paving ..	765	125	295	50	460	60	100
Asphalt for roofing ..	2,374	1,777	1,201	2,055	1,919	60	38
Other asphalt and bitumen	39	144	140	341	58	—	—
Pitch	28	119	—	—	—	—	—
Bolivia—							
Crude petroleum ..	32,175	32,000	38,253	50,000	53,000	55,000	} (a)
Aviation spirit	1,102	1,000	1,386	2,000	2,900	2,300	
Motor spirit	6,895	6,600	5,710	8,500	11,100	14,200	
Kerosene	1,664	900	826	1,400	900	1,700	
Lubricating oil and grease	1,907	1,700	2,519	2,600	4,000	3,900	
Paraffin wax	1,163	1,318	1,470	1,750	390	620	
Tar, pitch, etc.	968	57	676	780	2,340	440	
Brazil (total imports)—							
Crude petroleum ..	46,906	41,600	48,488	45,414	10,987	28,395	17,807
Motor spirit	355,630	364,000	362,580	360,850	247,073	270,651	298,911
Kerosene	97,921	93,100	100,042	89,709	51,794	67,262	63,212
Gas oil	(a)	(a)	15,905	11,930	11,484	23,059	25,179
Fuel oil	622,140	712,600	683,130	508,298	376,922	362,235	289,313
Lubricating oil	37,370	41,900	43,782	55,409	48,347	35,499	73,376
Transformer oil	1,241	(a)	(a)	(a)	(a)	(a)	(a)
Petroleum jelly	328	420	439	770	(a)	(a)	(a)
Greases	283	394	414	1,548	(a)	(a)	(a)
Paraffin wax	984	1,257	1,333	1,273	(a)	(a)	(a)
Asphalt and bitumen ..	11,285	12,400	9,525	24,476	15,383	5,526	27,854

(a) Information not available.

(b) "Topped oils" included with "Fuel oil" during 1938.

(c) Total Imports

(d) Included with "Motor spirit."

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Chile—							
Crude petroleum	564,961	436,799	597,373	750,242	673,792	781,460	666,308
Motor spirit	88,501	92,869	104,406	120,295	100,934	(a)	(a)
Kerosene	6,959	12,034	10,221	10,526	13,754	10,479	13,838.
Diesel oil	39,149	87,647	59,335	43,833	56,362	81,689	43,305
Fuel oil	(a)	(a)	(a)	194	5,126	(a)	(a)
Lubricating oil	11,775	12,124	14,182	16,358	16,133	(a)	(a)
Petroleum jelly	104	116	162	142	46	(a)	(a)
Greases	663	416	562	641	510	(a)	(a)
Ozokerite	7	5	9	8	2	(a)	(a)
Natural asphalt	76	196	118	580	460	(a)	(a)
Paraffin wax	6,453	7,886	7,306	5,541	4,936	1,467	4,880
Tar and pitch	2,228	1,508	1,727	3,105	4,156	2,400	3,077
Colombia—							
Motor spirit	7,216	14,909	21,879	15,693	22,708	14,866	21,264
Kerosene	43	88	52	46	45	16	(a)
Fuel oil and gas oil	13,014	49,910	26,047	52,266	15,655	10,589	2,420
Diesel oil	(a)	1,380	732	(a)	(a)	(a)	(a)
Lubricating oil, etc.	2,985	4,890	4,526	4,988	1,828	3,707	4,760
Petroleum jelly	80	114	96	130	39	139	152
Paraffin wax	8,024	8,973	5,981	8,569	2,768	2,276	5,279
Asphalt	621	559	314	84	26	35	206
Dutch Guiana—							
Motor spirit	(a)	734	736	}	(a)	(a)	(a)
Kerosene	(a)	1,123	1,017				
Gas oil and diesel oil	(a)	3,073	2,614				
Fuel oil	(a)	8,144	11,651				
Lubricating oil	(a)	231	178				
Grease	(a)	27	14				
Asphalt	(a)	289	5				
Ecuador—							
Motor spirit	100	200	}	(a)	(a)	(a)	(a)
Fuel oil	35,000	30,000					
Lubricating oil and greases	1,200	1,500					
Paraffin wax, etc.	1,328	1,587					
Petroleum jelly	36	60					
Asphalt and bitumen	325	309					
French Guiana—							
Motor spirit	589	}	1,294	1,231	652	439	952
Kerosene	563						
Fuel oil, etc.	428						
Paraguay—							
Motor spirit	4,900	(a)	5,700	6,400	}	(a)	(a)
Kerosene	1,700	(a)	4,200	3,900			
Fuel oil, etc.	700	(a)	(a)	(a)			
Asphalt, tar, etc.	(a)	(a)	2,687	3,253			
Peru—							
Crude petroleum	16,056	137	31	—	23	—	—
Motor spirit and gas oil	3,170	387	1,214	2,875	8,680	3,708	532
Kerosene	411	85	29	11	569	6	7
Lubricating oil	3,576	4,255	3,620	4,894	4,852	4,925	5,722
Petroleum jelly	110	110	118	170	178	883	216
Paraffin wax	4,070	3,256	3,503	3,894	1,122	(a)	2,724
Asphalt and bitumen	286	199	174	117	(a)	(a)	149
Greases	221	254	176	221	(a)	(a)	461
Uruguay—							
Crude petroleum	136,012	214,015	245,957	129,508	(a)	(a)	18,580
Motor spirit, etc.	22,143	129	19,603	—	—	8	1,156
Kerosene	7,636	14	—	—	5,565	(a)	(a)
Gas oil	39	1,196	4,813	7,901	(a)	(a)	5,239

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)								
Uruguay (cont.)—								
Fuel oil, etc.	196,857	244,638	302,493	239,685	303,744	228,117	57,780	
Lubricating oil and greases	7,459	5,396	6,641	5,832	5,124	3,529	3,022	
Paraffin wax	139	241	273	(a)	(a)	89	153	
Petroleum jelly	33	83	58	(a)	(a)	115	103	
Asphalt and bitumen	4,007	2,349	3,002	(a)	(a)	762	3,143	
Venezuela—								
Motor spirit	2,168	2,674	2,599	3,222	11,955	4,518	(a)	
Turpentine substitute	34	32	48	24	5	5		
Kerosene	3,866	3,443	1,927	1,421	3,076	563		
Gas oil	190	144	4,416	—	—	—		
Fuel oil	155	432	466	5	9,406	12		
Lubricating oil	8,819	9,188	11,427	10,100	7,374	11,877		
Paraffin wax	2,194	2,381	2,153	2,257	641	846		
Petroleum jelly	44	112	92	87	57	73		
Natural gas	67	99	307	564	827	1,187		
Asphalt, bitumen, etc.	2,043	1,056	1,067	1,193	505	743		
China—								
Motor spirit	87,100	97,992	93,114	(a)	(a)	(a)	(a)	
Kerosene	202,076	187,558	211,188					
Fuel oil	23,484	6,804	13,909					
Diesel and solar oils	139,870	159,217	190,128					
Lubricating oil	23,149	27,921	28,396					
Turpentine substitute	1,115	1,640	1,511					
Paraffin wax	32,870	27,586	25,160					
Asphalt	5,227	6,700	5,308					
Greases	1,299	987	1,619					
French Indo-China—								
Motor spirit	37,536	39,299	119,868	51,076	15,820	(a)	(a)	
Kerosene	36,019	42,547						
Fuel oil	3,909	8,504						
Gas oil	19,225	17,028						
Lubricating oil, etc.	4,894	7,363						
Road oil, etc.	13,958	11,339						
Petroleum jelly	51	51						
Ozokerite and ceresin	10	7						
Paraffin wax	1,478	2,324						
Asphalt and bitumen	230	20						
Petroleum coke	1	5						
Iran (c) (b)—								
Crude petroleum	442	286	260	118	—	72	(a)	
Motor spirit	5,979	4,738	231	512	204	3,472		
Kerosene	4,070	—	1,621	—	1,484	20,886		
Fuel oil	7,484	111	183	—	1,100	4,608		
Lubricating oil	8,346	13,844	3,540	16,755	5,602	14,477		
Greases								621	97	75	—
Paraffin wax and petroleum jelly	76	341	758	289	644	63		
Asphalt, tar and bitumen	7,169	449	267	19	106	337		
Iraq—								
Crude petroleum	(a)	56,002	47,431	86,335	103,568	51,943		26,285
Motor spirit	7,131	7,914	6,458	5,563	7,082	7,606	8,308	
Kerosene	8,943	8,575	6,980	5,749	6,573	11,778	11,959	
Fuel oil	(d) 58,968	17	—	—	121	148	1	
Lubricating oil	5,857	4,975	8,035	3,230	7,009	3,971	9,278	
Greases	107	114	196	89	89	119	118	
Asphalt and bitumen	1,172	470	286	512	504	91	1,107	

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

(c) Total imports.

(d) Probably mainly crude petroleum.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan—							
Crude petroleum (b) ..	2,500,000	2,500,000	2,900,000	400,000	1,100,000	1,300,000	200,000
Refined products (b) ..	1,800,000	1,500,000	1,000,000	700,000	300,000	600,000	400,000
Petroleum jelly ..	926	610	} (a)	(a)	(a)	(a)	(a)
Paraffin wax ..	18,645	19,238					
Pitch and asphalt ..	5,468	(a)					
Manchuria—							
Paraffin wax ..	2,258	} (a)	(a)	(a)	(a)	(a)	(a)
Asphalt and bitumen ..	6,291						
Netherlands East Indies—							
Crude petroleum ..	—	12,331	1	(c) —	} (a)	(a)	(a)
Motor spirit ..	91,779	75,080	29,240	(c) 5,286			
Kerosene ..	26,972	16,812	9,475	(c) 4,706			
Fuel and gas oils ..	15,862	27,521	46,930	(a)			
Lubricating oil ..	11,270	13,182	19,637	(c) 13,938			
Petroleum jelly ..	157	228	202	(a)			
Greases ..	1,032	919	1,535	(a)			
Paraffin wax ..	24	22	99	(a)			
Ceresin ..	5	3	2	(a)			
Pitch ..	12	1	12	(a)			
Asphalt ..	19,093	21,301	17,836	(c)(d)10,200			
Philippine Islands—							
Motor spirit ..	98,127	108,751	193,824	} (a)	(a)	(a)	(a)
Kerosene ..	44,504	50,767	88,788				
Fuel oil ..	295,889	313,973	(e) 470,097				
Other light oils ..	190	(a)	(a)				
Lubricating oil ..	20,553	11,479	19,016				
Grease ..	(a)	1,194	2,125				
Residual oils ..	552	(a)	(a)				
Petroleum jelly ..	348	570	686				
Mineral wax ..	2,682	4,631	2,332				
Asphalt ..	11,327	9,292	13,631				
Portuguese India—							
Motor spirit ..	1,972	1,703	1,561	} (a)	(a)	(a)	(a)
Kerosene ..	2,723	2,889	2,415				
Other oils ..	1,699	2,255	—				
Siam (total imports)—							
Motor spirit ..	20,711	(f) 16,900	} (a)	(a)	(a)	(a)	(a)
Kerosene ..	31,727	(f) 21,300					
Fuel oil ..	18,285	} (f) 57,000					
Diesel oil ..	38,638						
Lubricating oil ..	5,356	(f) 6,600					
Grease ..	345	} (f) 1,600					
Paraffin wax ..	1,285						
Asphalt ..	1,811	(a)					
Syria and Lebanon—							
Crude petroleum ..	—	14	2,877	95,503	139,270	143,313	187,927
Motor spirit ..	40,881	36,776	29,602	12,687	58,693	49,598	19,135
Kerosene ..	31,708	28,756	18,286	14,773	15,177	20,384	18,511
Fuel oil and diesel oil ..	17,121	19,729	14,006	2,593	10,972	37,506	24,426
Lubricating oil ..	3,064	3,758	3,134	591	1,729	1,675	2,305
Paraffin wax ..	109	99	155	30	—	29	41
Petroleum jelly ..	45	40	6	10	9	2	4
Asphalt and bitumen ..	5,184	4,115	5,515	1,939	73	105	239

(g) Information not available.

(b) U.S. Bureau of Mines Foreign Minerals Survey estimate. Excluding imports from Formosa and Sakhalin.

(c) January to October only.

(d) Java and Madura only.

(e) Including 14,920 tons imported for bunkering purposes.

(f) Year ended March 31, 1940.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Turkey—							
Crude petroleum ..	9	16	(a)	} (a)	(a)	(a)	(a)
Motor spirit	48,835	54,765	44,894				
Kerosene	45,988	44,944	39,358				
Heavy oil, etc. ..	67,144	64,136	42,586				
Paraffin wax and petroleum jelly ..	577	510	(a)				
Ozokerite and ceresin ..	27	26	(a)				
French Oceania—							
Motor spirit	1,153	} 3,475	2,947	1,979	1,820	2,680	3,204
Kerosene	554						
Other oils	1,416						
New Caledonia—							
Motor spirit	2,269	} 4,210	4,298	3,546	3,281	2,744	3,410
Kerosene	754						
Lubricating oil, etc. ..	1,163						

(a) Information not available.

PHOSPHATES
PRODUCTION OF PHOSPHATE-ROCK

(Long tons)

Producing Country	Estimated Tribasic Phosphate of Lime Content or equivalent.							1944	1943	1942	1941	1940	1939	1938
	1938	1939	1940	1941	1942	1943	1944							
BRITISH EMPIRE														
Eire	—	—	2,784	7,449	16,184	16,979	19,662	—	—	7,800	3,600	1,300	—	—
Seychelles (exports) (b)	21,360	22,807	14,382	18,206	21,716	1,791	5,755	(a)	(a)	(a)	(a)	(a)	(a)	9,400
South West Africa	—	113	—	170	99	162	—	—	80	15	20	5	—	—
Tanganyika Territory	—	104	8	—	25	263	—	—	—	—	—	—	—	20
Union of South Africa	—	—	—	419	9	5,709	20,755	60	—	3	140	—	—	6,800
Canada	186	140	320	2,221	1,129	1,296	430	—	116	937	1,843	266	—	360
Christmas Island	159,859	171,161	238,006	152,700	(d)25,000	(d)10,000	136,200	136,200	145,500	20,000	129,800	202,300	—	—
India	23	182	117	80	332	1,196	228	18	140	270	60	90	—	180
Australia	240	—	250	8,492	13,958	12,771	6,316	130	—	7,700	4,700	140	—	—
Nauru Island	841,050	932,100	808,400	107,350	—	—	723,000	—	801,000	—	92,000	695,000	—	3,500
New Zealand	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ocean Island	299,550	314,917	275,925	236,000	—	9,241	19,931	—	271,000	—	203,000	237,000	—	7,800
TOTAL	1,322,000	1,442,000	1,340,000	533,000	78,000	59,000	73,000							
FOREIGN COUNTRIES														
Belgium	74,000	33,459	19,982	98,134	253,716	421,596	129,623	34,000	15,000	117,000	45,000	9,000	—	60,000
Estonia	12,806	(d)15,000	(d)10,000	(d)5,000	(d)10,000	(d)30,000	(d)40,000	9,000	10,000	7,000	3,500	7,000	—	28,000
France	91,325	81,463	23,877	97,100	111,600	128,950	91,500	8,000	27,000	37,000	33,000	8,000	—	62,000
Germany	3,170	1,500	(d)1,850	(d)1,300	(d)1,000	(d)1,000	(d)1,000	1,700	800	500	700	1,000	—	500
Norway	—	—	—	—	—	2,232	2,215	—	—	—	—	—	—	—
Poland (d)	13,000	10,000	7,000	5,000	10,000	10,000	7,000	5,000	3,700	3,700	1,900	—	—	1,400
Roumania	955	849	—	—	—	—	500	—	—	—	—	—	—	—
Spain	23,059	10,157	15,532	13,627	21,131	15,474	17,490	15,000	6,500	14,000	8,700	10,000	—	11,200
Sweden	6,094	6,168	5,556	98,036	78,203	123,305	158,553	4,475	4,395	25,548	50,000	3,816	—	86,400
U.S.S.R.	2,310,000	2,104,000	1,983,000	1,330,000	1,000,000	1,000,000	1,000,000	1,500,000	1,380,000	700,000	900,000	1,300,000	—	700,000

(a) Information not available.
 (b) Phosphatic guano.
 (c) Estimated.

PRODUCTION OF PHOSPHATE-ROCK (Cont.)

Producing Country	Estimated Tribasic Phosphate of Lime Content or equivalent.												
	1938	1939	1940	1941	1942	1943	1944	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)													
Algeria	575,221	492,024	365,032	434,556	329,266	75,600	216,870	366,000	310,000	230,000	280,000	215,000	50,000
Egypt	451,164	538,890	180,566	109,944	323,253	310,582	313,160	296,000	354,000	118,000	72,000	210,000	202,000
French West Africa	5,602	7,141	487	—	—	—	94	4,150	5,400	360	—	—	—
Madagascar	1,464,021	1,676,074	676,455	505,724	704,110	793,438	1,422,082	1,126,000	1,224,000	494,000	369,000	514,000	590,000
Morocco (French)	1,906,300	1,602,199	1,169,060	1,059,124	865,846	329,394	513,997	1,170,000	977,000	713,000	635,000	528,000	198,000
Tunis	97,715	64,053	5,800	111,881	21,088	7,783	7,813	84,300	50,000	4,500	87,000	16,000	6,000
Netherlands West Indies	3,860,476	3,987,970	4,068,077	4,922,183	4,818,938	5,369,967	5,200,002	2,783,000	2,871,000	2,929,000	3,544,000	3,470,000	3,520,000
United States	23,000	8,872	31,495	28,668	24,516	37,325	14,149	15,000	5,900	20,800	18,900	16,200	25,200
Chile	68	130	(a)	(a)	(a)	(a)	(a)	(a)	(c)	(a)	(a)	(c)	(a)
Formosa	36,751	35,130	23,960	69,987	125,830	83,155	7,040	29,700	28,000	18,000	56,000	100,000	66,000
French Indo-China	8,000	8,000	20,000	70,000	80,000	70,000	75,000	4,000	4,000	10,000	35,000	40,000	35,000
China (estimated)	148,015	230,118	232,000	230,000	275,000	198,000	52,000	121,000	189,000	127,000	123,000	153,000	101,000
Japanese Islands (c)	—	—	—	1,000	27,000	24,000	33,000	—	—	—	500	13,000	16,000
Korea	—	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands East Indies	32,590	18,480	33,547	30,000	20,000	10,000	10,000	25,000	14,000	25,000	23,000	15,000	11,500
Transjordan (b)	—	1	6	2	2,774	5,299	5,644	—	1	4	—	2,000	3,900
Angaur Island (b)	103,910	141,155	120,000	132,000	125,000	96,000	26,000	83,200	113,000	95,000	103,000	91,000	70,000
French Oceania	113,630	172,285	161,577	189,201	172,301	185,411	200,000	96,000	143,000	134,000	157,000	143,000	150,000
New Caledonia	5,000	1,200	—	—	—	—	—	4,000	900	—	—	—	—
TOTAL	11,366,000	11,245,000	9,155,000	9,542,000	9,346,000	9,329,000	9,544,000	—	—	—	—	—	—
World's TOTAL	12,688,000	12,687,000	10,495,000	10,075,000	9,424,000	9,388,000	9,617,000	—	—	—	—	—	—

Phosphate-rock is also produced in Italy and Philippine Islands.

(a) Information not available.

(b) Exports.

(c) Other than Angaur Island.

PRODUCTION OF SUPERPHOSPHATES

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	424,800	450,000	580,800	648,000	778,800	802,800	859,200
Eire	126,300	(f) 152,226	139,200	36,000	20,000	50,500	60,800
Union of South Africa (d)	140,226	139,404	176,013	191,582	177,141	112,371	208,929
Canada (d)	88,519	78,338	93,321	113,993	157,709	172,698	178,389
Australia (d)	1,244,038	1,199,444	966,105	890,428	631,318	465,013	543,690
New Zealand (b)	408,693	417,160	501,409	338,046	298,127	246,193	361,013
FOREIGN COUNTRIES							
Austria	(e) 43,000	(a)	(a)	(a)	(a)	(a)	(a)
Belgium	269,300	204,300	164,318	—	6,257	—	1,200
Czecho-Slovakia	126,286	(j) 20,432	(i) 45,550	(i) 41,612	(i) 36,708	(i) 1,196	(i) 4,250
Denmark	331,000	382,000	125,000	58,200	—	—	—
Finland	22	—	—	—	—	—	—
France	1,154,060	1,165,755	461,372	266,145	74,237	33,524	5,286
Germany	(e) 1,100,000	(h) 615,000	376,962	60,177	45,591	44,331	13,340
Greece	66,844	112,178	50,181	1,793	—	—	—
Hungary	43,200	61,700	53,259	50,532	44,213	23,341	3,406
Italy	1,383,558	1,583,000	1,365,318	1,089,000	749,283	(e) 50,000	(e) 25,000
Latvia	115,920	110,000	(e) 60,000	—	—	—	—
Lithuania	40,000	(k) 5,300	—	—	—	—	—
Netherlands	560,850	557,824	266,444	15,831	—	—	—
Norway	30,550	34,957	22,973	14,637	2,183	2,590	7,570
Poland	224,270	(e) 110,000	(e) 60,000	(e) 7,500	(e) 15,000	(e) 15,000	(e) 10,000
Portugal	222,900	211,549	182,811	182,576	265,757	207,379	340,469
Roumania	15,242	—	—	—	—	—	—
Spain	186,685	413,026	477,943	421,732	394,500	213,612	309,051
Sweden	256,278	256,614	222,179	162,871	116,911	219,914	261,581
Switzerland	16,309	35,700	14,846	21,335	21,462	10,942	11,345
U.S.S.R. (e)	1,693,000	1,570,000	1,570,000	1,000,000	1,000,000	1,000,000	1,000,000
Yugoslavia	19,444	24,200	3,500	—	—	—	—
Egypt	20,127	19,842	12,255	16,106	11,873	15,435	14,418
Algeria	78,700	—	—	—	—	—	—
Tunis	44,982	164,714	159,522	159,320	81,789	60,786	83,192
Morocco	34,000	—	—	—	—	—	—
United States	3,575,700	3,758,950	4,393,969	4,736,634	5,312,531	6,314,204	6,644,597
Uruguay	2,792	2,339	(a)	(a)	(a)	(a)	(a)
Japan	1,220,000	1,437,000	1,613,000	1,231,000	559,000	552,000	110,000
World's Total *	15,859,906	15,553,000	14,546,874	11,666,596	10,742,484	10,692,268	11,327,088

* International Superphosphate Manufacturers' Association's "Superphosphate Statistics."

(a) Information not available.

(b) Years ended March 31 of the year following that stated.

(d) Years ended June 30.

(e) Estimated.

(f) Including phosphate in compounds.

(h) January to August only. Production prohibited on outbreak of war.

(i) Excluding Sudetenland.

(j) January to March only.

(k) January to May only.

PRODUCTION OF BASIC SLAG

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain (b)	464,000	473,000	528,442	521,467	546,909	599,673	522,238
Eire	1,655	951	(a)	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Belgium (estimated) ..	843,000	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia	159,000	(a)	(a)	(a)	(a)	(a)	(a)
France	870,087	1,107,743	454,319	439,645	521,672	629,360	472,469
Germany (P_2O_5 Content)(c)	416,359	358,566	324,709	351,007	421,398	365,652	205,000
Italy	1,653	(a)	(a)	(a)	(a)	(a)	(a)
Luxemburg	314,600	(a)	(a)	(a)	(a)	(a)	(a)
Poland	8,000	(a)	(a)	(a)	(a)	(a)	(a)
Sweden	17,063	17,415	13,813	13,699	14,959	14,462	16,438
United States (estimated)	35,000	35,000	35,000	(a)	(a)	(a)	(a)
Japan	6,000	38,000	53,000	86,000	81,000	76,000	65,000

Basic slag is also produced in the U.S.S.R.

(a) Information not available.

(b) Estimated amount ground and used as fertilizers.

(c) Years ended April 30 of year following that stated.

EXPORTS OF PHOSPHATES, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Superphosphates	27,998	13,316	6,238	2,050	51	208	120
Basic slag	162,184	135,027	5,764	58	—	4	3
Seychelles—							
Phosphatic guano	21,360	22,807	14,382	18,206	21,716	1,791	5,755
Tanganyika Territory—							
Phosphates	—	—	—	—	—	18	28
Canada—							
Phosphatic fertilizer	(b)	47,208	48,402	68,048	55,315	72,491	121,861
Malaya (including re-exports)—							
Phosphate-rock	146,738	159,910	212,938	(a)	(a)	(a)	(a)
Palestine—							
Phosphatic fertilizer	—	—	—	—	251	2,953	3,270
Australia—							
Superphosphates	3,520	1,834	895	118	17	12	52
New Zealand—							
Superphosphates	3	2	37	49	210	—	3
Nauru and Ocean Islands—							
Phosphate-rock	1,140,600	1,247,017	1,084,325	343,350	—	—	—
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Phosphate-rock	46,041	59,678	(a)	27,568	43,303	134,164	70,175
Superphosphates	149,784	133,282	(a)	374	10	20	—
Di-calcium superphosphate	80,035	67,221	(a)	324	—	—	2
Basic slag	713,825	782,948	(a)	115,989	60,421	63,225	33,578
Czecho-Slovakia—							
Superphosphates	6	(a)	(a)	(a)	(a)	(a)	(a)
Basic slag	23,215						
Denmark—							
Superphosphates	8,618	4,346	26	—	—	—	—
France—							
Phosphate-rock	430	737	131	231,451	783,586	117,123	33,186
Superphosphates	39,578	28,394	11,311	650	15,099	767	295
Basic slag	273,798	49,187	53,242	—	—	285	640
Germany—							
Phosphate-rock	—	—	13,409	—	3,237	199	(c) —
Superphosphates	28,469	11,234	468	59	1,012	437	(c) 162
Basic slag	295,835	33,202	3,641	52,633	84,048	97,853	(c) 40,771
Greece—							
Superphosphates	17,547	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Superphosphates, including bone superphosphates	3,265	(c) 377	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Basic slag, etc.	4,964	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Superphosphates	432,403	346,218	291,156	—	—	—	(a)
Basic slag	22	—	88	—	—	—	(a)
Norway—							
Superphosphates	8	128	—	—	—	—	—

(a) Information not available.

(b) Not separately recorded prior to 1939.

(c) January to July only.

EXPORTS OF PHOSPHATES, ETC. (Cont.)

Exporting Country and Description .	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Phosphate-rock	1	} (a)	(a)	(a)	(a)	(a)	(a)
Superphosphates	24,656						
Portugal—							
Superphosphates	2	177	12	15	52	(a)	3
Spain—							
Phosphate-rock	(a)	(a)	48	(a)	(a)	(a)	(a)
Superphosphates, etc. ..	(a)	(a)	5,852	5,471	6,574	6,310	2,410
Sweden—							
Phosphate-rock	—	—	—	—	—	—	1,898
Superphosphates	13,526	20	2,472	—	—	—	4,921
Switzerland—							
Basic slag	6	—	—	—	—	—	—
U.S.S.R.—							
Apatite	} (b)517,174	(d)	(d)	(d)	(d)	(d)	(d)
Other phosphate-rock ..							
Superphosphate							
Basic slag							
Yugoslavia—							
Superphosphates	4	10	(a)	(a)	(a)	(a)	(a)
Algeria—							
Phosphate-rock	477,911	493,648	283,353	478,471	308,300	18,300	19,000
Superphosphates	18,764	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Phosphate-rock	396,395	460,724	120,582	—	290,082	205,275	392,110
Madagascar—							
Phosphate-rock	4,570	6,496	82	—	—	—	—
Morocco (French)—							
Phosphate-rock	1,410,247	1,468,190	662,630	637,100	532,600	877,900	1,349,700
Superphosphates	3,182	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish)—							
Superphosphates	886	(a)	(a)	(a)	(a)	(a)	(a)
Tunis (including re-exports)—							
Phosphate-rock	1,566,144	1,787,791	949,597	837,329	994,186	8,199	24,113
French Indo-China—							
Apatite	—	—	—	4,290	(c) 50,000	(c) 50,000	(c) 50,000
Netherlands West Indies—							
Phosphate-rock	97,700	63,060	5,951	110,226	20,665	7,783	7,690
United States—							
Phosphate-rock	1,140,841	949,005	751,495	1,040,655	528,720	358,217	439,265
Superphosphates	90,237	95,224	141,289	146,875	165,092	239,779	183,828
Venezuela—							
Phosphates	177	—	—	—	—	—	—
Angaur Island—							
Phosphate-rock	103,910	141,155	120,000	132,000	125,000	96,000	26,000
French Oceania—							
Phosphate-rock	110,179	158,142	170,442	189,221	163,002	194,711	200,092
Japan—							
Superphosphates	8,002	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to September only.

(c) Average annual export.

(d) Imports of phosphate-rock into certain countries from U.S.S.R. were as follows (long tons):—

	1938	1939	1940	1941	1942	1943	1944
United Kingdom	—	—	5,991	—	7,105	21,154	10,071
Belgium	139,514	107,345	—	—	—	—	—
France	62,240	67,199	—	—	—	—	—
Germany	149,231	30,814	—	69,285	20,090	—	—
Netherlands	28,625	62,604	(a)	—	—	(a)	(a)
Norway	22,182	35,513	5,095	—	—	—	—
Sweden	42,671	39,378	—	25,905	—	—	—
United States	—	—	—	—	—	6,114	6,821

IMPORTS OF PHOSPHATES, ETC.
(Less Re-exports)
(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Phosphate-rock	410,444	459,115	406,490	799,222	287,273	788,785	675,777
Superphosphates	14,385	15,404	—	30,704	73,305	134,115	60,886
Basic slag	669	67	51	—	—	—	—
Eire—							
Phosphate-rock	80,263	88,986	73,624	6,776	—	18,370	27,525
Superphosphates	5,922	9,146	15,355	2,054	76	68	185
Basic slag	21,798	9,632	20,293	—	—	3	55
Mauritius—							
Phosphatic guano	756	794	1,668	(a)	(a)	(a)	(a)
Superphosphates	(a)	183	30	—	—	—	—
Southern Rhodesia—							
Superphosphates	7,814	5,423	5,879	5,073	4,437	6,136	11,388
Union of South Africa (total imports)—							
Phosphate-rock	97,705	125,612	132,306	99,206	113,095	139,003	119,562
Superphosphates	85,289	75,564	21,596	3,191	—	—	—
Basic slag	3,890	3,089	510	—	—	—	—
Canada—							
Phosphate-rock	114,651	111,518	148,087	211,633	242,297	232,899	346,649
Superphosphates	102,104	91,039	88,978	50,792	61,377	93,277	90,858
Basic slag	9,504	4,267	2,329	3,670	6,376	9,768	15,548
British West Indies—							
St. Vincent—							
Superphosphates	55	(a)	(a)	(a)	(a)	(a)	(a)
Trinidad and Tobago—							
Phosphate-rock	117	—	10	50	—	6	—
Superphosphates	330	215	108	10	125	—	50
Basic slag	134	95	150	—	—	—	—
British Guiana—							
Superphosphates, basic slag, etc.	1,965	1,935	1,766	203	301	22	(a)
British India—							
Superphosphates	7,971	7,552	6,612	3,862	—	148	1,572
Other phosphates	4,310	2,530	350	97	—	—	—
Burma—							
Superphosphates	67	35	14	(a)	(a)	(a)	(a)
Ceylon—							
Phosphate-rock	11,239	13,719	—	—	—	—	—
Superphosphates	2,460	1,818	—	—	—	—	—
Basic slag	710	735	—	—	—	—	—
Malayan Union—							
Phosphate-rock	4,740	4,215	7,840	—	—	—	—
Palestine—							
Superphosphates	1,419	1,332	434	19	20	991	5,610
Australia—							
Phosphate-rock	778,133	756,198	526,521	347,079	202,942	244,451	422,523
New Zealand—							
Phosphate-rock	264,003	351,578	346,134	255,728	109,504	137,305	162,566
Superphosphates	—	10	—	—	—	—	—
Basic slag	78,491	40,334	8,510	—	—	—	—
Other phosphates	6,575	43,897	25,814	32,735	26,903	—	29,388
FOREIGN COUNTRIES							
Austria—							
Phosphate-rock	23,231	(b) 13,670	} (a)	(a)	(a)	(a)	(a)
Basic slag	25,920	(b) 10,826		(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

IMPORTS OF PHOSPHATES, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944	
BRITISH EMPIRE (Cont.)								
Belgium-Luxemburg E.U.—								
Phosphate-rock	324,103	291,529	(a)	9,097	3,263	—	460	
Superphosphates	13,553	23,443	(a)	—	6,083	—	487	
Di-calcium superphosphates	1	8	(a)	—	—	—	—	
Basic slag	97,584	67,725	(a)	—	5,722	55	35	
Czecho-Slovakia—								
Phosphate-rock	73,657	}	(a)	(a)	(a)	(a)	(a)	
Superphosphates	12		(a)	(a)	(a)	(a)	(a)	
Basic slag	3		(a)	(a)	(a)	(a)	(a)	
Denmark—								
Phosphate-rock	190,046	226,785	27,626	23,919	3,053	—	—	
Superphosphates	34,257	20,824	2,437	—	31	—	—	
Basic slag	3,651	—	—	—	7,705	15,124	18,366	
Estonia—								
Superphosphates	49,806	(a)	(a)	(a)	(a)	(a)	(a)	
Finland (total imports)—								
Phosphate-rock	45,373	29,609	5,880	3,028	7,651	2,015	1,898	
Superphosphates	48,272	29,229	3,424	—	—	197	984	
Basic slag	28,279	20,109	—	—	—	—	—	
France—								
Phosphate-rock	898,285	918,678	309,024	929,509	1,346,801	59,138	37,465	
Superphosphates	45,173	45,541	1,199	3,369	1,380	79	139	
Basic slag	10,132	1,414	—	177	17,397	65,135	(a)	
Germany—								
Phosphate-rock, etc.	1,071,078	1,009,155	171,750	349,978	378,722	164,983	(b) 64,968	
Superphosphates	68,205	56,791	5,882	5,063	2,006	19	(b) 574	
Basic slag	389,527	191,384	111,190	83,849	50,070	35,398	(b) 10,036	
Greece—								
Phosphate-rock	44,678	(a)	(a)	(a)	(a)	(a)	(a)	
Hungary—								
Phosphate-rock	16,881	(a)	(a)	(a)	(a)	(a)	(a)	
Basic slag	290	7	(a)	(a)	(a)	(a)	(a)	
Iceland—								
Superphosphates	100	224	—	49	—	1,526	1,448	
Italy (c)—								
Phosphate-rock	833,468	545,196	}	(a)	(a)	(a)	(a)	
Superphosphates, including bone superphosphates	19,349	—		(a)	(a)	(a)	(a)	(a)
Basic slag	11,389	5,540		(a)	(a)	(a)	(a)	(a)
Latvia—								
Phosphate-rock	67,442	}	(a)	(a)	(a)	(a)	(a)	
Superphosphates	4,092		(a)	(a)	(a)	(a)	(a)	
Basic slag	18,514		(a)	(a)	(a)	(a)	(a)	
Lithuania—								
Phosphate-rock	17,920	}	(a)	(a)	(a)	(a)	(a)	
Superphosphates	73,589		(a)	(a)	(a)	(a)	(a)	
Basic slag	9,342		(a)	(a)	(a)	(a)	(a)	
Netherlands—								
Phosphate-rock	427,652	374,213	61,050	—	—	1,836	}	
Superphosphates	57,246	40,293	43,231	—	—	—		(a)
Basic slag	415,650	371,517	178,670	24,007	22,917	32,745		
Norway—								
Phosphate-rock	36,411	42,239	14,890	—	—	—	—	
Superphosphates	45,610	31,716	9,709	—	—	—	—	
Basic slag	8,889	6,723	1,252	—	2,950	2,809	4,986	
Poland—								
Phosphate-rock	154,447	}	(a)	(a)	(a)	(a)	(a)	
Basic slag	68,623		(a)	(a)	(a)	(a)	(a)	

(a) Information not available.

(b) January to July only.

(c) Figures for 1939 are for January to July only.

IMPORTS OF PHOSPHATES, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Portugal—							
Phosphate-rock	124,526	119,307	100,686	132,899	91,194	58,918	201,052
Superphosphates	5,576	4,163	((a)	(a)	(a)	(a)	(a)
Roumania—							
Phosphate-rock	3,346	(a)	(a)	(a)	(a)	(a)	(a)
Spain—							
Phosphate-rock	(b) 200,242	(d) 254,662	273,820	394,949	231,925	49,249	225,505
Superphosphates, etc.	(a)	(a)	713	—	29	3	157
Sweden—							
Phosphate-rock	196,321	184,326	39,537	25,905	—	—	8,408
Superphosphates	29,436	23,048	—	—	—	—	—
Basic slag	285	1	—	—	—	—	—
Switzerland—							
Phosphate-rock (e)	13,616	32,100	9,900	25,000	38,000	2,000	3,000
Superphosphates	6,485	8,300	(a)	(a)	(a)	(a)	(a)
Basic slag	57,307	87,934	53,818	—	1	—	34
Yugoslavia—							
Phosphate-rock	13,422	14,537	} (a)	(a)	(a)	(a)	(a)
Superphosphates	192	221					
Basic slag	1,474	704					
Algeria—							
Phosphate-rock	3,366	} (a)	(a)	(a)	(a)	(a)	(a)
Superphosphates	33,164						
Basic slag	2,041						
Egypt—							
Superphosphates	53,412	38,898	6,450	—	—	276	13
French West Africa—							
Phosphates	3,160	(a)	(a)	(a)	(a)	(a)	(a)
Tunis—							
Superphosphates	7,673	(a)	(a)	10,845	6,960	2,310	—
Basic slag	727	(a)	(a)	—	—	—	—
Cuba—							
Superphosphates, etc.	19,321	9,784	13,973	18,414	13,521	13,495	21,418
United States—							
Phosphate-rock	7,006	3,500	2,953	4,340	3,764	46,505	123,414
Superphosphates	18,753	17,238	10,017	17,350	16,659	2,554	1,217
Basic slag	691	405	3,397	452	1	3	—
Ammonium phosphates	29,028	34,995	44,782	55,430	25,521	39,274	82,092
Chile—							
Superphosphates	3,000	296	—	—	477	—	—
Uruguay—							
Phosphate-rock	7	12	1,205	(a)	(a)	(a)	(a)
China—							
Superphosphates	808	162	30	(a)	(a)	(a)	(a)
French Indo-China—							
Phosphate-rock	6,318	11,659	—	—	—	—	—
Superphosphates	1,471	1,567	—	—	—	—	—
Japan (total imports)—							
Phosphate-rock	555,265	770,000	(f) 640,000	(f) 500,000	(f) 400,000	(f) 280,000	(a)
Korea (total imports)—							
Phosphate-rock	49,601	} (a)	(a)	(a)	(a)	(a)	(a)
Superphosphates	140,080						
Netherlands East Indies—							
Superphosphates	4,153	4,405	4,179	(c) 232	(a)	(a)	(a)
Philippine Islands—							
Superphosphates	645	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Phosphates	1,240	1,150	370	—	978	1,648	1,731

(a) Information not available.

(b) Exports from various countries to Spain.

(c) January to October only.

(d) April to December only.

(e) Estimated on imports from producing countries.

(f) U.S. Bureau of Mines "Foreign Minerals Survey" estimate.

PLATINUM

PRODUCTION OF PLATINUM METALS

(Troy ounces)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Sierra Leone—							
Crude platinum ..	180	83	135	5	—	—	—
Union of South Africa—							
Crude (<i>Pt metals content</i>)	18,256	18,068	20,140	73,348	73,797	73,745	22,509
Concentrates (<i>Pt metals content</i>) ..	35,124	41,243	51,835				
Osmiridium (crude) (<i>b</i>)	5,354	7,031	6,379	7,141	7,770	5,993	6,142
Canada—							
Crude platinum (<i>Pt content</i>) ..	16	25	24	60	40	7	—
Recovered from Ontario nickel-copper matte :							
Platinum ..	161,310	148,877	108,488	124,257	285,188	219,706	157,523
Other platinum metals	130,893	135,402	91,522	97,432	222,573	126,004	42,929
Australia—							
New South Wales—							
Crude platinum ..	8	7	12	22	2	3	2
Tasmania—							
Osmiridium (crude) ..	191	283	465	207	142	90	107
New Zealand—							
Crude platinum ..	1	13	—	35	21	5	—
Papua—							
Crude platinum ..	—	(9 <i>dwt.</i>)	—	(c) 9	(a)	(a)	(a)
Osmiridium (crude) ..	22	4	—	(c) —	(a)	(a)	(a)
FOREIGN COUNTRIES							
U.S.S.R.—							
Crude platinum (estimated) ..	110,000	120,000	110,000	120,000	110,000	120,000	150,000
Abyssinia—							
Crude platinum ..	4,000	6,000	6,000	1,000	1,000	1,000	(a)
Belgian Congo—							
Palladium ..	1,575	3,344	(a)	(a)	(a)	(a)	(a)
Platinum ..	225	1,157	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) It is estimated by the Department of Mines, Union of South Africa, that the osmiridium sold during these years contained the following amounts of the metals mentioned below (fine ounces):—

	1938	1939	1940	1941	1942	1943	1944
Osmium ..	1,701	1,740	1,972	(a)	(a)	(a)	2,012
Iridium ..	1,563	1,562	1,704	(a)	(a)	(a)	1,816
Ruthenium ..	813	822	856	(a)	(a)	(a)	888
Platinum ..	634	630	598	(a)	(a)	(a)	795
Rhodium ..	30	24	42	(a)	(a)	(a)	47

(c) January to October only.

PRODUCTION OF PLATINUM METALS (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States (b)—							
Crude platinum ..	40,932	32,460	33,800	26,221	23,213	27,162	33,625
Ore (Pt metals content) ..	90	66	—	15	26	—	—
New platinum metals recovered by refineries from gold and copper ores of domestic origin—							
Platinum	3,761	5,270	4,470	1,805	4,333	5,205	3,286
Palladium	3,429	3,330	3,183	4,645	5,432	5,105	3,575
Iridium, osmiridium, etc.	57	34	121	44	40	80	63
Colombia—							
Crude platinum ..	29,460	23,671	35,859	47,000	43,103	34,564	34,304
Netherlands East Indies—							
Crude platinum ..	21	28	34	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Secondary platinum metals recovered in the United States were as follows (troy ounces) :—

	1938	1939	1940	1941	1942	1943	1944
Platinum	44,654	45,432	47,657	37,522	56,150	68,613	85,942
Palladium	13,489	13,039	14,773	12,630	16,416	23,616	29,684
Iridium	1,253	2,767	1,365	659	1,552	2,771	965
Other platinum metals	4,895	2,205	2,635	758	2,493	6,581	2,805

EXPORTS OF PLATINUM*

(Domestic Produce)

(Troy ounces)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ingots, grain and powder	23,037	13,320	8,962	20,098	—	6,000	—
Other kinds, including alloys	5,902	722	29,049	87	43	175	100
Sierra Leone—							
Unrefined platinum ..	135	60	94	21	—	—	—
Union of South Africa—							
Osmiridium	5,444	5,233	6,641	6,579	7,016	5,975	6,357
Platinum	39,283	47,548	48,671	54,147	62,798	47,964	81,644
Canada—							
Concentrates, etc. (b) ..	(£1,891,300)	(£1,328,589)	(£1,311,386)	(£1,443,644)	(£2,209,242)	(£1,734,189)	(£1,521,177)
Scrap	1,106	1,214	1,343	221	363	586	204
Australia—							
Bars, blocks, rods, plates, etc.	453	273	278	113	23	9	—
New Zealand—							
Platinum (jewellers' sweepings)	52	53	76	64	45	70	30
Papua (years ended June 30):							
Osmiridium	4	4	} (a)	(a)	(a)	(a)	(a)
Platinum	41	2					
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Unwrought platinum ..	(£80,600)	(£25,400)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Unwrought platinum and scrap	804	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Rods, sheets, wire, scrap, etc.	386	64	96	193	386	418	2,600
France—							
Unwrought platinum and scrap	7,845	3,472	610	30	—	30	(a)
Drawn or rolled platinum	7,620	8,809	7,270	30	160	30	(a)
Germany—							
Platinum metals and alloys	32,569	13,625	7,060	5,054	3,736	736	(c) 106
Hungary—							
Unwrought platinum ..	354	11	(a)	(a)	(a)	(a)	(a)
Italy—							
Sheets, bars, dust, scrap, etc.	651	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Unwrought platinum ..	8,006	7,362	3,119	1,736	354	579	(a)
Poland—							
Ingots, sheets, wire, etc.	43	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Bars	(a)	(a)	(a)	3,022	386	(a)	(a)
Sweden—							
Unwrought platinum ..	588	1,222	1,543	965	900	289	675
Switzerland—							
Unwrought platinum ..	15,979	12,185	836	—	—	—	—

* Official figures which, in many cases, do not include platinum sent by letter post.

(a) Information not available.

(b) Excluding platinum contained in copper matte.

(c) January to July only.

EXPORTS OF PLATINUM (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
U.S.S.R.	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Belgian Congo—							
Platinum	322	(c) 225	} (a)	(a)	(a)	(a)	(a)
Palladium	—	(c) —					
United States—							
Ores, etc.	(a)	(a)	(a)	244	159	84	(a)
Ingots, sheets, wire, etc.	} 33,635	46,329	55,027	15,405	{ 3,354	860	1,243
Palladium, rhodium, etc.,							
and alloys							
Colombia—							
Platinum	29,460	23,671	4,008	37,349	49,162	39,959	36,137

(a) Information not available.

(b) Exports of platinum metals from U.S.S.R. are not published, but imports into the under-mentioned countries from U.S.S.R. were (troy ounces):—

	1938	1939	1940	1941	1942	1943	1944
United Kingdom	85,147	14,793	—	—	9,645	—	—
France	28,260	5,305	—	—	—	—	—
Germany	—	35	47,402	53,978	—	—	—
United States	31,431	15,562	—	—	3,226	41,272	70,020

(c) In addition copper ingots, matte, etc., exported contained the following:—Platinum, 965 troy ounces, and Palladium, 4,212 troy ounces.

IMPORTS OF PLATINUM*

(Less Re-exports)

(Troy ounces)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ingots, grain and powder	95,201	20,773	4,106	5	9,895	181	—
Other kinds, including alloys	484	1,049	365	670	1,989	1,872	1,382
Palladium, etc.	1,617	82	1,031	(c) 1,010	(c) 700	(c) 32	—
Canada—							
Bars, sheets, wire, etc. ..	(£48,374)	(£47,910)	(£1,236,159)	(£392,203)	(£141,013)	(£95,679)	(£13,931)
Palestine—							
Platinum	(£1,272)	(£1,976)	(£5,868)	(£5,748)	(£7,094)	(£4,409)	(£269)
Palladium	(£6,877)	(£3,976)	(£3,190)	(£2,246)	(£2,704)	(£7,382)	(£6,386)
Australia (e)—							
Bars, rods, plates, etc. ..	1,447	1,358	1,637	2,660	2,781	1,620	1,536
New Zealand—							
Bars, sheets, wire, etc. ..	594	944	931	554	813	219	461
FOREIGN COUNTRIES							
Austria—							
Ingots, sheets and wire	1,800	(b) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Unwrought platinum ..	(£34,100)	(£31,300)	(a)	(a)	(a)	(a)	(a)
Bulgaria—							
Ingots, bars, sheet and wire	3	(a)	(a)	4	—	—	—
Czecho-Slovakia—							
Unwrought platinum and scrap	257	} (a)	(a)	(a)	(a)	(a)	(a)
Bars, plates, sheets and wire	1,222						
Denmark—							
Rods, sheets, wire and scrap	1,865	1,157	289	96	32	(a)	(a)
Finland (total imports)—							
Unwrought platinum ..	255	13	6	10	—	(f) 5,738	—
France—							
Unwrought platinum and scrap	55,106	21,830	29,000	2,700	100	—	(a)
Drawn or rolled platinum	5,851	4,019	3,183	225	—	—	(a)
Germany—							
Platinum metals and alloys	140,483	106,747	73,616	87,839	7,600	3,643	(d) 231
Hungary—							
Ingots, sheets and wire ..	2,218	112	(a)	(a)	(a)	(a)	(a)
Italy—							
Iridium	10	} (a)	(a)	(a)	(a)	(a)	(a)
Bars, dust and scrap ..	997						
Sheets and foil	102						
Wire	117						
Latvia—							
Ingots, sheets and wire	279	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Unwrought platinum ..	19,419	9,838	5,273	1,222	932	1,479	(a)
Norway—							
Sheets, rolled and wire ..	1,518	583	—	627	2	62	445

* Official figures, which in many cases do not include platinum sent by letter post.

(a) Information not available.

(b) January to March only.

(c) Excess of re-exports.

(d) January to July only.

(e) Total imports for years ended June 30 of the year stated.

(f) Probably scrap.

IMPORTS OF PLATINUM (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Ingots, sheets, wire, etc. . .	3,367	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Unwrought platinum ..	1,534	3,557	394	162	163	109	20
Switzerland—							
Unwrought platinum ..	19,773	17,908	1,318	3,570	160	30	100
Yugoslavia—							
Ingots, sheets, wire, etc.	901	1,569	(a)	(a)	(a)	(a)	(a)
Egypt—							
Ingots, bars, sheets, etc.	1,509	897	1,696	514	25	207	1
United States—							
Ore (<i>Pt content</i>) ..	3,263	5,943	13,653	175,810	181,271	92,709	101,747
Ingots, sheets, scrap, etc.	124,566	184,283	113,043	78,904	114,359	212,456	105,457
Iridium	1,717	6,363	237	1,292	884	1,056	3,075
Osmium and osmiridium	2,941	2,827	3,474	1,955	751	1,236	1,380
Palladium	26,858	96,829	60,204	46,099	9,984	43,874	137,496
Rhodium and ruthenium	1,841	10,382	5,034	5,935	7,753	10,920	6,954
Argentina—							
Platinum	11,767	8,584	8,134	1,575	937	61	31
Brazil (total imports)—							
Ingots, sheets and wire	259	(a)	(a)	(a)	(a)	(a)	(a)
Chile—							
Ingots, bars, scrap, etc.	70	300	436	141	312	—	—
Uruguay—							
Ingots	201	—	129	(a)	(a)	(a)	} 518
Palladium	2	—	—	(a)	(a)	(a)	
Venezuela—							
Unwrought platinum ..	161	2,057	161	—	—	—	—
China—							
Ingots, bars, sheets and scrap	(£6,438)	(£2,923)	(£51)	(a)	(a)	(a)	(a)
Syria and Labanon—							
Unwrought platinum ..	8	7	37	—	—	—	45

(a) Information not available.

POTASH MINERALS

PRODUCTION OF POTASH

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944	K ₂ O Content or Equivalent						
								1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE														
Palestine— Muriate (chloride)	57,200	(d) 63,527	87,556	100,002	102,591	92,268	103,391	28,600	31,300	43,800	50,000	51,300	46,100	51,700
India— Nitrate (f)	7,741	8,560	10,101	10,486	5,118	2,321	2,118	3,800	4,300	5,000	5,200	2,600	1,200	1,100
Australia— Alunite	438	750	787	1,162	1,137	428	1,574	(a)	(a)	(a)	(a)	(a)	(a)	(a)
TOTAL (estimated)								32,500	35,800	48,800	55,600	54,300	47,400	53,300
FOREIGN COUNTRIES														
France (b)— Sylvinite, etc.: 12-22% K ₂ O 30-40% K ₂ O 50% K ₂ O and over	764,433 253,433 573,202	597,118 239,950 718,668	(e) 167,758 (e) 118,410 (e) 257,104	(a)	(a)	(a)	(a)	571,588	604,007	(e) 226,535	662,000	609,000	654,000	459,000
Germany— Kainite, sylvinite, etc.	14,337,816 1,844,772	13,733,000 (a)	13,999,000 (a)	14,708,000 (a)	14,220,000 (a)	(a) (a)	(a) (a)	1,426,700	1,571,200	1,830,400	1,586,600	1,829,100	1,610,000	1,579,000
Italy— Carnallite, etc. .. Alunite	2,734	(a)	(a)	(a)	(a)	(a)	(a)	320	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Crude salts mined were as follows—1938—3,270,600 long tons.

1939—3,461,800 " "

1940—1,307,500 " "

(Jan.-April)

1941—(a)
1942—(a)
1943—(a)
1944—2,951,355 long tons.

(c) Exports.

(d) January to April only.

(f) Exports plus consumption in tea gardens.

PRODUCTION OF POTASH (Cont.)

Producing Country and Description	K ₂ O Content or equivalent						
	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland—							
Kamite ..	118,228	}	(a)	(a)	(a)	(a)	(a)
Sylvite ..	420,593						
Langbeinit ..	19,338						
Spain—							
Carnallite, sylvanite, etc.	48,789	141,129	286,771	309,964	407,264	432,713	668,162
U.S.S.R.—							
Crude salts	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Cyrenaca—							
Carnallite	(a)	(a)	30,000	(a)	(a)	(a)	(a)
Eritrea—							
Niccoli salts	(a)	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Muriate (chloride)—							
60-62% K ₂ O ..				592,507	784,819	834,787	966,189
48-50% K ₂ O ..				76,248	76,500	88,515	102,277
Fertilizer salts, run-of-mine				138,374	163,753	216,240	194,250
Sulphate (b) ..				73,637	106,584	136,208	146,657
China—							
Nitrate	322	1,848	2,077	4,444	2,893	3,000	1,705
Korea—							
Alumite (impure) ..	(a)	(a)	(a)	(a)	(a)	(a)	(a)
TOTAL							
	2,520,000	2,700,000	2,700,000	3,000,000	3,300,000	3,200,000	3,100,000
	2,550,000	2,740,000	2,750,000	3,060,000	3,350,000	3,250,000	3,150,000
WORLD'S TOTAL							
	282,992	278,751	338,999	468,638	606,434	659,947	745,150

(a) Information not available.
(b) Including sulphate of potash-magnesia.

EXPORTS OF POTASH SALTS

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Fertilizer salts	164	183	65	—	—	—	—
Chromate and bichromate	361	247	79	292	104	63	133
Nitrate	1,020	967	937	1,087	600	273	264
Sulphate	776	392	26	10	4	2	2
Other compounds	607	874	1,019	699	549	652	644
British India—							
Nitrate	7,441	8,185	9,726	10,096	4,518	2,061	1,223
Hong Kong (including re-exports)—							
Nitrate	451	460	291	} (a)	(a)	(a)	(a)
Chlorate	1,326	826	543				
Malaya (including re-exports)—							
Nitrate	380	367	156	(a)	(a)	(a)	(a)
Palestine—							
Fertilizer salts	—	—	91	149	1,181	989	1,090
Chloride	46,746	63,527	(a)	(a)	90,230	101,492	95,820
Chlorate	—	—	(a)	(a)	9	35	30
FOREIGN COUNTRIES							
Austria—							
Nitrate	175	(b) 5	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Fertilizer salts	174,627	191,969	(a)	335	—	—	—
Carbonate	2,181	1,889	(a)	921	89	229	148
Caustic potash and lyes	753	612	(a)	—	—	23	—
Chloride	164,544	133,881	(a)	695	—	98	366
Chlorate	466	75	(a)	—	—	—	—
Chromates, including those of sodium	272	234	(a)	83	5	37	—
Nitrate	238	87	(a)	10	—	—	—
Sulphate	94,483	101,517	(a)	10	—	—	—
Czecho-Slovakia—							
Carbonate	1,438	} (a)	(a)	(a)	(a)	(a)	(a)
Chloride	60						
Manganate and permanganate, including those of sodium	431						
Nitrate	14						
Sulphate	348						
Finland—							
Chlorate	919	838	78	292	15	1	—
France—							
Carbonate	2,580	2,752	1,629	107	50	10	(a)
Caustic potash	8,913	9,190	4,707	421	384	226	40
Chloride	719,267	663,036	477,478	25,188	49,499	675	174
Nitrate	3,362	3,997	2,902	21	70	—	(a)
Permanganate	333	579	593	211	37	31	51
Sulphate	4,505	5,731	2,895	670	620	—	(a)
Germany—							
Fertilizer salts	687,513	656,850	806,766	1,087,462	970,321	1,047,025	(c)399,684
Carbonate and wool grease ash	8,071	13,709	5,263	12,370	6,152	5,733	3,593
Caustic potash	15,162	20,571	12,722	7,527	7,083	6,629	7,894

(a) Information not available.

(b) January to March only.

(c) January to July only.

EXPORTS OF POTASH SALTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—(cont.)							
Chlorate	8,142	7,114	3,635	2,623	1,730	1,817	756
Manganates	435	884	109	185	205	36	28
Nitrate	26,510	28,915	11,571	14,161	9,024	9,133	3,158
Sulphates and chloride	389,081	360,908	143,696	139,696	212,418	412,389	562,290
Hungary—							
Fertilizer salts	65	161	} (a)	(a)	(a)	(a)	(a)
Carbonate	211	187					
Italy—							
Fertilizer salts	178	(b) 20	} (a)	(a)	(a)	(a)	
Carbonate	35	(b) 26					
Caustic potash	16	(b) 11					
Chlorate	60	(a)					
Chloride	50	(a)					
Netherlands—							
Fertilizer salts	72	127	—	—	—	—	} (a)
Caustic potash	91	523	357	32	21	1	
Chloride	431	174	5	217	1,121	206	
Nitrate	54	37	4	—	77	—	
Sulphate	71	369	1,827	197	201	98	
Patent potash	23	30	761	—	—	—	
Poland—							
Fertilizer salts	73,392	} (a)	(a)	(a)	(a)	(a)	(a)
Carbonate	78						
Caustic potash	182						
Chlorate	333						
Nitrate	277						
Spain—							
Fertilizer salts	(a)	(c) 4,129	91,746	138,337	73,539	57,795	143,976
Chlorate	(a)	(a)	187	66	16	35	17
Sweden—							
Carbonate	10	8	6	1	1	1	3
Caustic potash	644	836	451	194	177	90	37
Switzerland—							
Nitrate (crude)	17,387	12,116	6,056	2,860	4,412	4,432	1,013
U.S.S.R.—							
Fertilizer salts	(d) 14,804	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Chloride	} 75,122	} 122,098	} 83,089	} 82,098	32,550	72,874	77,619
Sulphate					6,815	8,761	8,517
Other fertilizer salts					35,993	17,963	12,129
Chromates					1,154	1,055	554
Caustic potash					3,532	8,763	5,973
Carbonates, etc.	} 2,336	} 3,195	} 12,661	(e) 1,983	1,954	724	
Chlorates, etc.				(e) —	1,327	1,734	
Nitrates, etc.				(e) —	3,043	3,661	
Other compounds				(e) 5,987	1,251	1,837	
Chile—							
Chloride	(a)	(a)	(a)	6,042	1,379	(a)	(a)
Nitrate	(a)	(a)	(a)	6	111	(a)	(a)
China—							
Carbonate	13	4	17	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

(c) April to December only.

(d) January to September only.

(e) Included, if any, with "Other compounds."

EXPORTS OF POTASH SALTS (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan—							
Bichromate	438	641	} (a)	(a)	(a)	(a)	(a)
Caustic potash	226	261					
Chlorate	1,764	2,370					
Chloride	940	80					
Iodide	4	1					
Nitrate	298	307					
Permanganate	235	413					
Sulphate	45	3					
Korea—							
Alunite	42,447	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF POTASH SALTS

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Fertilizer salts	62,154	81,062	14,669	—	1,250	—	—
Carbonate	3,861	4,313	3,402	1,171	1,052	45	—
Caustic potash and lyes	6,445	7,425	7,548	858	87	4,719	3,768
Chlorate	1,584	1,398	608	147	64	—	18
Chloride	89,043	118,848	76,851	87,643	109,238	144,273	213,832
Nitrate	2,460	4,793	5,273	3,852	2,325	1,464	963
Sulphate	43,729	49,958	6,551	339	(c) 3	40	—
Other compounds ..	735	1,092	938	125	69	137	433
Eire—							
Kainite	9,023	8,944	152	—	—	1	1
Fertilizer salts (20% K ₂ O)	7,721	6,341	13	—	—	—	—
do. (30% K ₂ O)	4,603	7,166	12,268	40	—	—	—
Chlorate	73	105	21	23	35	48	52
Chloride	4,289	4,648	4,587	703	961	1,300	1,324
Nitrate	277	274	270	191	121	4	56
Sulphate	556	456	198	—	—	8	—
Other compounds ..	81	82	103	36	18	79	12
Mauritius—							
Nitrate	4,450	3,839	4,314	(a)	(a)	(a)	(a)
Northern Rhodesia—							
Compounds	331	405	791	378	251	657	259
Southern Rhodesia—							
Compounds	354	96	72	51	24	44	108
Union of South Africa (b)—							
Fertilizer salts	7,074	7,119	11,987	1,055	7,988	3,334	—
Nitrate	81	14	46	3	2	—	—
Caustic potash	223	230	258	135	16	74	111
Other compounds ..	1,062	1,070	1,108	896	1,190	724	403
Canada—							
Kainite	107	5	223	14,101	27,004	18,888	15,689
Caustic potash	349	602	691	1,329	1,106	1,189	1,107
Chlorate	506	135	46	2	—	—	4
Chloride	43,205	40,528	48,363	27,275	36,818	46,436	59,014
Nitrate	1,031	664	468	819	760	847	970
Crude sulphate	5,446	5,712	3,880	1,749	3,925	3,938	3,901
Other compounds ..	622	801	632	651	583	997	676
British West Indies—							
Barbados—							
Carbonate	3,473	5,416	1,173	(a)	(a)	(a)	(a)
St. Vincent—							
Chloride	11	(a)	(a)	(a)	(a)	(a)	(a)
Sulphate	36	(a)	(a)	(a)	(a)	(a)	(a)
Trinidad and Tobago—							
Sulphate	674	444	583	436	—	—	—
British India—							
Bichromate	252	142	495	149	5	—	—
Chlorate	1,346	1,882	1,037	1,306	411	121	—
Chloride	2,657	2,038	2,046	189	696	1,008	—
Other compounds ..	1,637	2,081	813	675	276	203	—
Burma—							
Chlorate	307	457	142	(a)	(a)	(a)	(a)
Chloride	1	7	16	(a)	(a)	(a)	(a)
Other compounds ..	141	92	157	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total imports.

(c) Excess of re-exports.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
Ceylon—							
Kainite	50	100	} (a)	(a)	(a)	(a)	(a)
Chlorides	7,020	3,471					
Nitrate of potash refuse	1,148	941					
Sulphate	200	50					
Hong Kong (total imports)—							
Nitrate	714	275	339	(a)	(a)	(a)	(a)
Chlorate	1,139	764	660	(a)	(a)	(a)	(a)
Malaya (total imports)—							
Nitrate	496	561	221	(a)	(a)	(a)	(a)
Palestine—							
Fertilizer salts	295	665	148	—	—	—	—
Chlorate	108	51	(a)	(a)	5	—	—
Australia—							
Bichromate	92	72	83	67	79	22	74
Carbonate	553	468	892	495	598	115	105
Caustic potash	422	340	652	523	686	75	333
Chlorate	808	400	594	144	179	106	146
Cyanides, including sodium cyanides	4,145	7,393	3,718	6,388	1,360	807	1,758
Nitrate	381	818	366	892	578	332	91
Other compounds	315	276	460	124	263	122	104
New Zealand—							
Kainite	388	648	—	—	—	—	—
Other fertilizer salts	14,081	16,417	6,515	496	39	128	83
Chlorate	190	204	89	43	88	27	58
Chloride	344	200	987	701	2,001	1,496	1,211
Nitrate	64	69	53	4	47	21	5
Sulphate	991	1,131	222	866	3	494	224
Other compounds (£.N.Z.)	(£9,576)	(£9,700)	(£25,339)	(£17,985)	(£18,718)	(£34,348)	(£20,830)
FOREIGN COUNTRIES							
Albania—							
Carbonate	56	(a)	(a)	(a)	(a)	(a)	(a)
Austria (b)—							
Fertilizer salts	8,110	—	} (a)	(a)	(a)	(a)	(a)
Carbonate	24	—					
Caustic potash	4	—					
Chloride	143	10					
Chromates	8	—					
Sulphate	59	—					
Belgium-Luxemburg E.U.—							
Fertilizer salts	394,597	363,113	(a)	125,884	87,850	38,650	16,944
Carbonate	1,272	2,370	(a)	2,791	1,198	308	1,537
Caustic potash and lyes	2,261	2,533	(a)	70	410	972	1,900
Chlorate	927	1,169	(a)	410	412	322	182
Chloride	254,697	262,985	(a)	183,419	141,323	174,747	158,754
Chromates, including those of sodium	454	540	(a)	84	10	4	6
Manganate and permanganate	136	158	(a)	15	14	1	—
Nitrate	1,540	1,241	(a)	68	33	40	176
Sulphate	2,864	1,293	(a)	26,659	8,196	5,756	6,802
Bulgaria—							
Carbonate	4	} (a)	(a)	} (a)	5	5	2
Caustic potash	29						
Chloride	34						
Chromates	67						
Nitrate	118						

(a) Information not available.

(b) Figures for 1939 are for January to March only.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description)	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Czecho-Slovakia—							
Kainite	23,522	}	(a)	(a)	(a)	(a)	(a)
Fertilizer salts (38-44% K ₂ O)	60,239						
Fertilizer salts (other) ..	1,914						
Carbonate and nitrate ..	2						
Chloride	2,615						
Sulphate	775						
Denmark—							
Kainite	—	—	—	2,714	10,185	55,534	25,919
Fertilizer salts	104,296	116,699	136,606	163,249	116,074	114,731	145,188
Carbonate	711	1,177	527	371	255	312	369
Caustic potash	2,848	3,765	1,647	263	164	748	1,546
Chlorate	171	150	210	196	141	200	119
Chloride	965	1,520	997	71	746	1,008	378
Chromates	32	44	47	33	12	35	139
Nitrate	590	809	356	261	316	321	302
Sulphate	3	3	2	1	3	8	6
Estonia—							
Fertilizer salts	10,255	}	(a)	(a)	(a)	(a)	(a)
Carbonate	55						
Chlorate	37						
Nitrate	41						
Finland (total imports)—							
Fertilizer salts	40,338	9,328	64,268	41,948	69,500	67,729	52,274
Carbonate	172	191	71	111	118	160	100
Caustic potash	52	92	40	63	52	56	53
Chloride	1,468	793	1,145	591	788	788	10
Chromates	114	(b) 277	(a)	(a) 591	(a) 788	(a) 788	(a) 10
Nitrate	45	79	72	93	262	36	14
Sulphate	68	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Carbonate	60	1	—	1	12	6	2
Caustic potash	27	19	6	11	17	26	9
Chlorate	—	1	20	1	16	11	(a)
Chromate and bichromate	15	53	—	56	28	1	1
Chloride	—	—	—	40,877	30,744	2,371	—
Sulphate	1,568	10,396	3,658	—	4,882	5,207	74
Germany—							
Fertilizer salts	—	—	1,987	—	—	712	—
Carbonate and wool grease ash	52	94	47	10	—	208	(c) —
Caustic potash	154	50	150	57	1,255	61	(c) 24
Chlorate	16	10	3	7	—	—	(c) —
Chloride	—	—	893	—	—	—	(c) —
Manganates	44	—	3	—	55	10	(c) 32
Nitrate	11	6	32	—	2	—	(c) —
Greece—							
Carbonate	558	801	763	}	(a)	(a)	(a)
Caustic potash	38	11	28				
Nitrate	128	5	(a)				
Hungary—							
Fertilizer salts	1,712	3,680	}	(a)	(a)	(a)	(a)
Carbonate	—	1					
Caustic potash	252	482					
Iceland—							
Fertilizer salts	25	44	98	223	197	232	202
Carbonate	(a)	(a)	(a)	49	45	40	14
Caustic potash	41	43	16	67	30	15	—

- (a) Information not available.
(b) Includes chromates of soda.
(c) January to July only.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Italy (b)—							
Fertilizer salts	44,095	24,162	}	(a)	(a)	(a)	(a)
Carbonate	648	383					
Caustic potash	1,138	504					
Chlorate	6	(a)					
Nitrate	160	89					
Latvia—							
Fertilizer salts	22,670	}	(a)	(a)	(a)	(a)	(a)
Carbonate	127						
Caustic potash	144						
Chlorate	63						
Chloride	197						
Chromates	42						
Nitrate	72						
Sulphate	1						
Lithuania—							
Kainite, etc.	499	}	(a)	(a)	(a)	(a)	(a)
Fertilizer salts (20-40% K ₂ O)	5,601						
Fertilizer salts (other)	22						
Nitrate	6						
Netherlands—							
Kainite	9,016	7,621	7,840	2,429	497	591	}
Fertilizer salts (20% K ₂ O)	175,297	149,484	123,106	158,496	92,586	54,857	
do. (40% K ₂ O)	189,615	177,440	180,635	188,705	139,996	271,907	
do. (50% K ₂ O)	(a)	(a)	(a)	(a)	31,809	41,256	
Caustic potash	301	271	213	200	183	253	
Chloride	6,352	6,182	4,922	1,884	2,072	2,269	
Nitrate	2,699	7,322	7,907	9,395	5,443	275	
Sulphate	10,863	5,140	4,518	147	1,409	1,796	
Patent potash	43,116	48,550	60,191	52,669	74,034	32,961	
Norway—							
Fertilizer salts	26,198	26,234	26,115	49,598	44,937	62,986	72,437
Carbonate	491	806	380	452	275	269	266
Caustic potash and lyes	1,792	2,427	1,053	577	208	601	1,448
Chloride	23,980	8,893	12,588	43	1,503	211	26
Nitrate	158	138	59	45	77	53	37
Poland—							
Fertilizer salts	40	}	(a)	(a)	(a)	(a)	(a)
Carbonate	66						
Caustic potash	37						
Chlorate	1						
Chloride	1						
Sulphate	545						
Portugal—							
Kainite, etc.	84	30	—	(a)	(a)	(a)	(a)
Carbonate	36	35	16	122	22	6	5
Caustic potash	22	16	18	37	38	37	3
Chlorate	137	188	121	185	145	248	133
Chloride	1,629	704	1,933	7,224	15,989	9,112	12,627
Chromate	39	55	130	36	11	12	16
Nitrate	76	36	67	41	152	79	50
Sulphate	1,746	1,625	536	(a)	—	10	(a)
Roumania—							
Carbonate	112	(a)	(a)	}	(a)	(a)	(a)
Caustic potash	142	(a)	(a)				
Nitrate	191	225	163				

(a) Information not available.

(b) Figures for 1939 are for January to July only.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden—							
Fertilizer salts (20% K ₂ O)	19,520	8,586	—	—	—	—	1,085
do. (40% K ₂ O)	99,145	105,780	88,547	59,569	71,966	58,235	70,155
do. (other)	1,411	528	191	—	13,832	48,687	24,315
Carbonate	1,560	2,513	1,147	761	1,233	2,080	1,897
Caustic potash	3,554	4,841	2,157	1,064	232	347	591
Chloride	11,196	10,309	8,776	697	974	2,137	2,181
Nitrate	536	783	673	672	531	317	288
Switzerland—							
Fertilizer salts	26,871	38,518	33,541	51,742	54,372	103,604	67,411
Carbonate	390	758	478	479	360	454	324
Caustic potash	1,649	2,349	2,218	1,382	1,332	1,255	1,048
Chloride	2,616	3,168	2,751	1,089	964	1,447	441
Nitrate, crude	—	8	—	—	—	—	—
Nitrate, purified, including sodium nitrate ..	1,398	1,148	753	2,830	942	184	94
Yugoslavia—							
Fertilizer salts	1,988	3,623	}	(a)	(a)	(a)	(a)
Carbonate	102	179					
Caustic potash	69	134					
Chromates	32	41					
Nitrate	13	32					
Algeria—							
Fertilizer salts	2,253	}	(a)	(a)	(a)	(a)	(a)
Carbonate	9						
Caustic potash	25						
Nitrate	189						
Sulphate	11,515						
Egypt—							
Fertilizer salts	591	346	192	151	—	200	503
Carbonate	72	102	14	22	8	2	8
Caustic potash	58	43	37	18	403	2	52
Chlorate	85	70	102	78	37	46	116
Chromates, including those of sodium ..	360	363	337	803	323	232	139
Manganates	20	32	1	3	6	6	13
French West Africa—							
Fertilizer salts	193	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar—							
Chloride	18	(a)	7	292	(a)	—	(a)
Nitrate	106	(a)	156	—	(a)	—	(a)
Sulphate	252	(a)	(a)	24	(a)	—	(a)
Mozambique—							
Carbonate	3	10	5	3	—	8	—
Tunis—							
Carbonate	23	(a)	(a)	4	4	—	—
Caustic potash	13	(a)	(a)	21	23	—	—
Chlorate	4	(a)	(a)	—	10	—	—
Chloride	4,798	(a)	(a)	886	3,487	—	—
Nitrate	92	(a)	(a)	1	9	—	—
Sulphate	207	(a)	(a)	—	—	—	—
Cuba—							
Nitrate, including nitrate of soda	991	4,339	2,522	591	12,208	632	2,416
Chlorate	151	154	158	110	45	108	75
Other salts	4,285	6,838	4,867	964	2,927	170	32
Guatemala—							
Caustic potash	67	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Mexico—							
Nitrate, including nitrate of soda	7,390	12,570	10,933	18,298	(a)	(a)	(a)
Caustic potash	178	429	378	248	(a)	(a)	(a)
Sulphate	426	105	113	34	(a)	(a)	(a)
United States—							
Kainite	53,762	18,654	32,299	—	—	—	—
Other fertilizer salts	8,351	1,988	507	—	—	—	—
Carbonate	260	194	8	4	—	—	—
Caustic potash	434	296	41	10	—	—	—
Chlorates	6,115	5,337	1,566	119	32	60	54
Chloride	198,216	76,757	131,824	13,099	1,396	18,073	1,017
Cyanide	37	45	10	—	—	—	—
Nitrate	14,015	10,774	1,718	—	—	—	—
Potassium-sodium nitrate mixtures	39,726	49,254	49,121	30,840	12,743	17,667	8,399
Sulphate	65,190	49,172	25,815	—	—	—	—
Argentina—							
Bichromate	76	151	240	281	233	72	8
Carbonate	134	4	31	10	125	15	—
Caustic potash	184	126	365	160	474	73	139
Chlorate	355	395	244	307	204	—	—
Cyanide	24	15	26	10	7	9	2
Nitrate	152	137	76	95	248	87	168
Sulphate	4	1	5	—	—	—	—
Brazil (total imports)—							
Caustic potash	82	(a)	(a)	(a)	(a)	(a)	(a)
Nitrates of potash and soda	7,767						
Potash and soda ash	20,775						
Chile—							
Bichromate	26	8	69	64	42	(a)	(a)
Carbonate	55	23	31	14	47		
Caustic potash	42	37	36	22	21		
Chlorate	63	135	132	4	199		
Nitrate	1	—	2	1	1		
Colombia—							
Carbonate	2	20	6	10	26	28	(a)
Caustic potash	10	23	13	3	3	13	(a)
Chlorate	103	100	105	58	73	51	56
Nitrate	430	187	364	84	63	143	197
Sulphate	50	356	1	295	295	204	(a)
Peru—							
Caustic potash	11	10	5	2	5	5	5
Other salts	178	237	181	213	235	285	349
Uruguay—							
Nitrate	(b) 163	(b) 335	(b) 260	(a)	(a)	27	31
Carbonate	8	10	4	(a)	(a)	(a)	(a)
Caustic potash	20	29	3	(a)	(a)	38	11
Venezuela—							
Carbonate	2	2	2	1	2	11	(a)
Caustic potash	10	12	24	47	15	28	
Chlorate	13	22	27	1	8	9	
Nitrate	86	67	94	29	45	59	
China—							
Carbonate	21	18	14	(a)	(a)	(a)	(a)
Caustic potash	41	77	122				
Bichromate	193	277	145				
Chlorate	2,411	2,340	1,291				
Nitrate	356	229	78				

(a) Information not available.

(b) Including nitrate of soda.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French Indo-China—							
Carbonate	4	3	}	(a)	(a)	(a)	(a)
Caustic potash	14	15					
Chlorate	1,769	227					
Chloride	342	1,378					
Nitrate	120	113					
Sulphate	1,271	68					
Japan (total imports)—							
Bichromate	12	—	}	(a)	(a)	(a)	(a)
Caustic potash	590	—					
Chloride	56,718	71,116					
Cyanide, including sodium cyanide	25	2					
Sulphate	110,610	88,845					
Manchuria—							
Chlorate	429	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Fertilizer salts	4,500	6,875	4,691	(b) 1,313	}	(a)	(a)
Caustic potash	198	83	84	(a)			
Nitrate	557	444	159	(a)			
Philippine Islands—							
Chlorate	165	}	(a)	(a)	(a)	(a)	(a)
Nitrate	8						
Sulphate	285						
Syria and Lebanon—							
Fertilizer salts	303	568	492	98	799	1,153	1,208
Caustic potash	1	51	42	9	—	—	1
Turkey—							
Carbonate	739	548	}	(a)	(a)	(a)	(a)
Caustic potash	25	84					
Other salts	337	400					

(a) Information not available.

(b) January to October only.

PYRITES
PRODUCTION OF PYRITES*
(including Cupreous Pyrites)

(Long tons)

Producing Country	Estimated Sulphur Content						
	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	4,282	4,733	5,430	4,672	5,648	9,595	10,231
Southern Rhodesia	26,638	26,954	33,836	41,935	37,060	34,512	33,638
Union of South Africa	30,328	29,354	36,121	34,650	39,829	36,446	35,584
Canada (sales) (c)	39,825	203,246	114,076	270,857	338,833	254,086	223,278
Cyprus	972,040	839,346	249,330	9,344	7,878	9,085	12,986
Australia	50,277	54,729	37,819	55,993	67,885	77,417	87,617
TOTAL	1,124,000	1,158,000	477,000	417,000	497,000	421,000	403,000
FOREIGN COUNTRIES							
Czecho-Slovakia	(a)	10,000	14,000	11,000	11,000	9,000	(a)
Finland (b)	101,353	115,153	150,000	(a)	(a)	(a)	(a)
France	144,893	177,433	206,329	195,000	211,000	203,987	111,127
Germany	457,893	551,626	966,258	1,236,238	1,196,772	1,374,996	(a)
Greece	240,000	213,770	(a)	(a)	(a)	(a)	(a)
Italy	915,619	962,228	1,043,818	1,006,910	955,294	(a)	(a)
Norway	1,011,544	1,008,765	750,272	918,206	809,221	796,005 ⁺	738,553
Poland	90,753	(a)	(a)	(a)	77,000	86,000	(a)
Portugal	706,769	661,829	387,658	214,133	132,784	108,257	128,075
Estimated Sulphur Content							
	1938	1939	1940	1941	1942	1943	1944
Great Britain	(a)	10,800	13,500	16,800	14,800	13,800	(a)
Southern Rhodesia	10,700	10,800	13,500	16,800	14,800	13,800	(a)
Union of South Africa	13,727	13,128	15,992	15,405	17,674	15,939	16,180
Canada (sales) (c)	19,979	102,187	56,460	133,151	163,196	124,508	106,726
Cyprus	486,020	402,886	119,678	4,485	3,781	4,366	6,233
Australia	24,900	27,000	18,700	27,300	33,000	36,900	40,700
TOTAL	(a)	4,000	6,000	5,000	5,000	4,000	(a)
Czecho-Slovakia	(a)	4,000	6,000	5,000	5,000	4,000	(a)
Finland (b)	45,600	52,000	68,000	(a)	(a)	(a)	(a)
France	65,000	80,000	92,000	88,000	95,000	79,000	43,000
Germany	173,000	209,000	360,000	463,000	452,000	521,000	(a)
Greece	99,800	97,265	(a)	(a)	(a)	(a)	(a)
Italy	430,000	450,000	490,000	470,000	450,000	(a)	(a)
Norway	439,880	437,411	325,712	389,898	343,510	339,259	314,363
Poland	39,000	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	318,000	304,442	178,322	64,557	59,754	48,716	57,634

* See also Sulphur (page 320).

(a) Information not available.

(b) Pyrite concentrate only.

(c) Includes pyrite ore, also concentrates made from copper ores.

(d) Estimate.

PRODUCTION OF PYRITES (cont.)

Producing Country	Estimated Sulphur Content													
	1938	1939	1940	1941	1942	1943	1944	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)														
Roumania ..	11,028	11,457	(a)	(a)	(a)	(a)	(a)	6,950	7,546	(a)	(a)	(a)	(a)	(a)
Spain ..	2,683,934	1,523,928	946,847	565,457	617,102	867,233	1,073,000	610,000	610,000	384,000	226,000	247,000	347,000	202,000
Sweden ..	183,446	188,709	191,148	223,264	297,502	319,890	83,013	85,963	85,549	108,820	108,820	144,059	157,196	154,971
Yugoslavia ..	148,027	125,970	133,000	(a)	(a)	(a)	66,600	57,000	61,000	(a)	(a)	(a)	(a)	(a)
Algeria ..	49,256	42,951	41,366	43,974	31,425	25,186	20,260	18,483	18,670	19,350	19,350	13,828	10,413	13,000
United States (b) ..	555,629	519,497	626,640	645,257	720,363	802,384	218,900	219,747	261,936	270,363	270,363	306,875	328,175	332,760
Brazil ..	2,486	2,000	2,500	(a)	4,001	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Korea ..	130,520	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)

Pyrites is also produced in Belgium, U.S.S.R., China, Japan and Manchuria.

(a) Information not available.

(b) Includes by-product pyrite from the zinc operations in Wisconsin and New York, and pyrite and pyrrhotite concentrates from copper operations in Tennessee.

EXPORTS OF PYRITES

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Iron-pyrites and cupreous pyrites	2,114	736	72	—	—	—	—
Southern Rhodesia—							
Iron pyrites	13,358	15,732	15,192	33,768	39,311	36,322	33,166
Canada—							
Pyrites (<i>S content</i>)	19,740	98,341	43,196	115,740	148,616	93,311	81,104
Cyprus—							
Cupreous pyrites	515,303	406,060	88,376	6,097	4,971	12,987	11,271
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.	22,159	13,343	(a)	—	—	782	—
Finland—							
Concentrate	(a)	(a)	(a)	(a)	(a)	59,810	38,021
France	16,600	7,992	2,228	173,314	69,719	11,751	(a)
Germany—							
Pyrites, etc.	24,713	12,802	—	789	14,753	108,425	(c) 70,139
Greece	199,044	179,101	16,480	(a)	(a)	(a)	(a)
Italy	91,799	95,630	50,180	201,980	200,270	(e) 81,640	(a)
Netherlands	180	207	32,907	17,223	—	—	(a)
Norway—							
Iron-pyrites	391,817	335,226	217,886	339,764	242,203	221,031	204,373
Cupreous pyrites	252,792	308,407	179,478	267,217	294,491	297,366	260,022
Portugal—							
Cupreous pyrites	449,572	429,161	176,589	36,226	136	11,104	(a)
Roumania	18,750	2,435	4,580	(a)	(a)	(a)	(a)
Spain—							
Iron pyrites	(a)	(d) 870,726	807,544	376,084	284,430	282,844	221,979
Sweden	34,653	46,242	23,817	25,329	20,407	49,210	9,845
Yugoslavia	130,840	73,045	(a)	(a)	(a)	(a)	(a)
Algeria	—	—	3,632	11,908	(a)	(a)	(a)
Japan—							
Iron pyrites	375,900	334,658	267,085	359,676	333,855	273,993	201,003
Korea	6,951	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(c) January to July only.

(d) April to December only.

(e) January to June only.

IMPORTS OF PYRITES

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Iron and cupreous pyrites	401,358	352,396	378,006	250,767	188,383	161,088	159,898
Eire	30,601	36,168	39,806	3,614	4,795	21,757	8,051
FOREIGN COUNTRIES							
Austria	81,666	(b) 9,007	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	254,934	149,172	(a)	9,820	50,647	49,495	17,220
Czecho-Slovakia	173,863	(a)	(a)	(a)	(a)	(a)	(a)
Denmark	101,165	103,961	20,348	26,808	5,185	178	4,190
France	423,697	630,028	213,194	11,851	31,324	67,507	34,660
Germany—							
Pyrites, etc.	1,408,308	1,054,216	439,726	790,238	740,703	779,760	(c) 416,016
Hungary	37,945	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Iron-pyrites	14,591	116,270	37,720	—	470	(d) 10,350	(a)
Cupreous pyrites	4,889	(c) 4,751	(a)	(a)	(a)	(a)	(a)
Latvia	33,337	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania	22,232	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands	355,600	271,487	98,339	2,830	48,233	72,671	(a)
Poland	8,849	(a)	(a)	(a)	(a)	(a)	(a)
Sweden	235,441	206,810	92,187	40,973	50,954	34,429	29,850
Yugoslavia	36	—	(a)	(a)	(a)	(a)	(a)
Algeria	49	(a)	(a)	(a)	(a)	(a)	(a)
United States	334,234	482,336	407,004	368,838	300,140	256,308	180,763

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) January to June only.

QUICKSILVER
PRODUCTION OF QUICKSILVER
(Lb.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Southern Rhodesia ..	—	32	277	170	206	33	—
Union of South Africa ..	—	—	3,329	15,521	43,983	90,326	90,618
Canada	760	436	153,830	536,304	1,035,914	1,690,240	735,908
Australia	—	249	2,794	2,696	1,165	1,150	876
New Zealand	760	—	—	5,656	11,402	7,068	6,840
FOREIGN COUNTRIES							
Czecho-Slovakia	220,000	205,000	196,000	176,000	(a)	(a)	(a)
Germany	106,000	93,000	73,000	68,000	37,000	(a)	(a)
Italy	5,073,000	5,104,000	6,300,000	6,250,000	5,500,000	4,700,000	1,748,000
Sweden	—	—	—	4,475	838	—	1,625
Spain	3,145,000	2,729,000	3,940,000	6,505,000	5,494,000	3,629,000	2,610,000
U.S.S.R. (c)	660,000	(a)	(a)	(a)	(a)	(a)	(a)
Algeria	15,252	19,460	60,100	11,200	9,171	11,000	12,570
Tunis	20,536	4,411	9,493	6,800	238	40	—
Mexico	647,460	560,567	885,630	1,758,457	2,465,581	2,152,396	1,980,788
United States	1,367,316	1,416,108	2,871,052	3,413,996	3,864,296	3,946,604	2,864,288
Bolivia (exports)	—	569	—	—	—	3,883	181
Chile	3,344	—	—	105,480	171,921	234,645	89,761
Peru	—	—	—	—	—	24,251	11,023
China	75,000	377,000	259,000	264,000	359,000	260,000	231,000
Japan	55,000	103,200	258,000	313,000	445,600	510,000	517,000
Turkey	45,372	30,020	38,000	18,392	13,376	14,136	7,372
WORLD'S TOTAL (b) ..	11,400,000	10,900,000	15,700,000	20,200,000	20,000,000	17,800,000	11,500,000

(a) Information not available.

(b) Estimated.

(c) Metallgesellschaft estimate.

EXPORTS OF QUICKSILVER, ETC.

(Domestic Produce)

(Lb.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Quicksilver	5,210	6,808	16,892	13,602	8,093	2,375	483
Hong Kong (d)—							
Quicksilver	45,200	67,100	162,300	} (a)	(a)	(a)	(a)
Vermilion	(£6,973)	(£8,510)	(£3,778)				
Malaya (d)—							
Quicksilver	50	340	1,407	(a)	(a)	(a)	(a)
Australia—							
Quicksilver	361	545	205	20	350	256	—
New Zealand—							
Quicksilver	(a)	1,368	—	3,400	12,500	2,987	6,852
FOREIGN COUNTRIES							
Austria—							
Mercury salts	200	(b) —	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Quicksilver	7,900	—	(a)	—	—	—	(a)
Mercury salts	7,500	2,000	(a)	—	—	—	—
Czecho-Slovakia—							
Quicksilver	15,700	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Quicksilver	6,800	6,400	1,500	400	400	—	(a)
Mercury salts	11,000	18,700	15,000	1,800	4,200	20,900	(a)
Germany—							
Cinnabar	10,400	9,000	200	2,200	6,400	4,200	(c) 2,200
Quicksilver and amalgam	4,000	9,500	5,700	41,900	32,400	424,400	(c) 104,100
Mercury salts	106,900	102,500	60,400	99,400	106,500	173,500	(c) 73,900
Italy (c)—							
Quicksilver	4,054,700	(c) 2,500,000	(c) 4,700,000	(c) 3,400,000	(c) 1,900,000	(c) 3,300,000	(a)
Chloride of mercury ..	48,700	(c) 75,200	} (a)	(a)	(a)	(a)	(a)
Sulphide of mercury ..	21,800	(c) 11,300					
Other mercury salts ..	52,500	(c) 185,900					
Netherlands—							
Quicksilver and amalgam	1,775	578	357	156	302	176	(a)
Spain—							
Quicksilver	f 3,200,000	4,061,500	4,041,700	3,077,200	602,500	692,490	804,500
Sweden—							
Quicksilver	498	258	489	333	847	243	115
Switzerland—							
Quicksilver	7,661	19,520	7	—	—	4	—
Algeria—							
Quicksilver	30,900	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
Quicksilver	396,230	431,923	838,169	1,655,656	2,313,824	2,033,169	1,788,698
United States—							
Quicksilver	54,161	92,808	730,877	196,837	26,252	29,236	57,007
Chloride	(a)	(a)	(a)	(a)	30,105	29,372	62,167
Fulminate	(a)	(a)	(a)	(a)	39,595	35,450	26,190
Oxide	(a)	(a)	(a)	(a)	9,495	50,483	13,054
Other salts	(a)	(a)	(a)	(a)	9,016	7,997	10,614

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) Including re-exports.

(e) Exports not available but figures are imports into various countries (chiefly Germany) from Italy.

(f) Amount imported from Spain by the chief consuming countries.

EXPORTS OF QUICKSILVER, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Bolivia—							
Quicksilver	(a)	569	—	—	—	3,885	185
Chile—							
Quicksilver	—	—	—	89,975	172,207	236,000	75,000
Peru—							
Quicksilver	—	—	—	—	—	24,771	11,585
China—							
Quicksilver	4,941	963	475,735	} (a)	(a)	(a)	(a)
Vermilion	1,219	2,571	485				
Korea—							
Ore	216,000	(a)	(a)	(a)	(a)	(a)	(a)
Turkey—							
Quicksilver	39,930	24,518	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF QUICKSILVER, ETC.*

(Less Re-exports)

(Lb.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Quicksilver	2,190,235	454,911	1,337,286	640,741	2,161,197	797,434	(c) 4,465
Southern Rhodesia—							
Quicksilver	36,683	27,532	83,069	25,329	(c) 1,040	(c) 716	11,156
Tanganyika—							
Quicksilver	2,324	5,292	4,806	1,312	3,356	615	—
Union of South Africa—							
Quicksilver	46,610	80,487	83,905	69,714	13,315	2,144	1,101
Canada—							
Quicksilver	49,584	109,232	78,597	8,599	1,971	2,047	35,428
Mercury salts	(£1,031)	(£2,054)	(£849)	(£3,899)	(£2,717)	(£1,066)	(£327)
British Guiana—							
Quicksilver	1,549	2,323	(a)	(a)	(a)	(a)	(a)
British India—							
Quicksilver	155,309	194,649	75,325	25,026	142,526	27,140	181,457
Burma—							
Quicksilver	7,793	11,243	3,827	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Quicksilver	131,700	177,700	18,900	(a)	(a)	(a)	(a)
Vermilion	(£706)	(£252)	(£1,537)				
Malaya (total imports)—							
Quicksilver	2,819	3,164	4,251	(a)	(a)	(a)	(a)
Australia—							
Quicksilver	61,160	94,782	131,096	53,874	152,241	55,959	33,515
Mercury salts	24,766	34,299	42,240	40,881	44,874	55,972	38,321
New Zealand—							
Quicksilver	3,520	1,527	4,598	4,430	370	1,576	1,276
FOREIGN COUNTRIES							
Albania—							
Quicksilver	234	(a)	(a)	(a)	(a)	(a)	(a)
Austria—							
Quicksilver	19,000	(b) —	(a)	(a)	(a)	(a)	(a)
Mercury salts	7,300	(b) 900					
Belgium-Luxemburg E.U.—							
Quicksilver	160,300	167,800	(a)	73,900	11,900	19,400	(a)
Sulphide of mercury	2,400	3,300	(a)	900	1,800	5,500	—
Mercury salts	11,200	12,400	(a)	83,600	143,300	240,300	143,500
Bulgaria—							
Quicksilver	4,486	(a)	(a)	1,263	2,685	4,965	392
Czecho-Slovakia—							
Quicksilver	7,100	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Quicksilver	9,700	6,800	6,400	6,800	9,500	5,300	1,500
Estonia—							
Quicksilver	1,153	(a)	(a)	(a)	(a)	(a)	(a)
Mercury salts	1,733						
Finland (total imports)—							
Cinnabar	6,878	(a)	(a)	(a)	(a)	(a)	(a)
Quicksilver and amalgam	88,370	6,246	13,822	13,393	63,707	88,709	41,526
France—							
Quicksilver	321,000	407,000	1,601,000	61,300	13,400	1,500	9,105
Mercury salts	26,200	87,700	77,600	—	7,100	38,400	309

(a) Information not available.

(b) January to March only.

(c) Excess of re-exports.

IMPORTS OF QUICKSILVER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Cinnabar	200	400	—	—	200	200	(b) —
Quicksilver and amalgam	2,498,900	1,884,700	6,409,700	5,051,600	3,752,500	4,565,100	6,188,700
Mercury salts	400	1,100	6,600	14,300	7,900	15,900	(b) 200
Greece—							
Quicksilver	13,565	1,193	(a)	(a)	(a)	(a)	(a)
Italy—							
Mercury salts	700	(b) —	(a)	(a)	(a)	(a)	(a)
Latvia—							
Quicksilver	2,247	} (a)	(a)	(a)	(a)	(a)	(a)
Mercury salts	1,163		(a)	(a)	(a)	(a)	(a)
Lithuania—							
Quicksilver	1,300	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Quicksilver and amalgam	83,857	80,440	61,626	44,590	74,856	57,294	(a)
Norway—							
Quicksilver	3,527	7,295	3,514	5,739	2,958	132,044	183
Poland—							
Quicksilver	102,500	} (a)	(a)	(a)	(a)	(a)	(a)
Mercury salts	19,200		(a)	(a)	(a)	(a)	(a)
Portugal—							
Quicksilver	13,040	23,963	3,192	1,010	8,228	2,130	12,822
Mercury salts	12,156	2,743	2,716	35,089	5,650	3,212	2,037
Roumania—							
Quicksilver	32,005	57,995	61,743	(a)	(a)	(a)	(a)
Sweden—							
Quicksilver	216,362	103,824	82,929	9,989	184,635	19,002	32,631
Switzerland—							
Quicksilver	41,427	62,422	54,370	276,204	77,722	99,662	10,587
Yugoslavia—							
Quicksilver and amalgam	10,703	31,528	} (a)	(a)	(a)	(a)	(a)
Mercury salts	15,670	15,047		(a)	(a)	(a)	(a)
Algeria—							
Quicksilver	200	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Quicksilver	4,376	4,356	1,517	988	8,093	19,165	399
Mozambique—							
Quicksilver	1,303	586	1,625	57	29	24	9
Tunis—							
Quicksilver	400	(a)	(a)	—	—	200	—
Costa Rica—							
Quicksilver	2,500	3,600	(a)	(a)	(a)	(a)	(a)
Cuba (total imports)—							
Quicksilver	3,177	2,637	1,982	4,418	1,662	911	1,188
Guatemala—							
Quicksilver	425	(a)	(a)	(a)	(a)	(a)	(a)
Mexico—							
Quicksilver	271	311	46,731	736	(a)	(a)	(a)
Mercury salts	(a)	(a)	2,297	5,033	(a)	(a)	(a)
United States—							
Quicksilver	179,522	265,944	12,971	588,228	2,959,489	2,504,489	1,476,426
Mercury salts	13,062	40,111	50,376	49	2	(a)	—
Argentina—							
Quicksilver	28,135	58,555	35,516	47,538	76,084	4,478	58,070
Mercury salts	9,162	11,953	10,265	10,983	11,843	1,058	2,161
Bolivia—							
Quicksilver	694	(a)	430	(a)	(a)	(a)	(a)
Brazil (total imports)—							
Quicksilver	12,846	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

IMPORTS OF QUICKSILVER, ETC. (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Chile—							
Quicksilver	6,506	7,039	5,776	1,779	1,232	} (a)	(a)
Mercury salts	4,919	6,120	4,998	2,057	1,680		
Columbia—							
Quicksilver	21,515	19,251	17,043	44,412	5,670	2,372	6,821
Mercury salts	2,923	3,206	1,138	62	794	9,484	(a)
Dutch Guiana—							
Quicksilver	(a)	977	677	(a)	(a)	(a)	(a)
French Guiana—							
Quicksilver	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Peru—							
Quicksilver	1,975	2,652	1,265	3,706	216	—	110
Mercury salts	1,149	1,508	811	741	1,680	2,584	1,362
Uruguay—							
Quicksilver	888	509	381	(a)	(a)	1,550	66
Venezuela—							
Quicksilver	3,532	8,281	9,288	2,513	3,278	48,215	(a)
Mercury salts	(a)	(a)	(a)	5,223	763	1,545	(a)
China—							
Cinnabar	8,186	11,118	4,365	} (a)	(a)	(a)	(a)
Quicksilver	32,174	14,493	298				
Vermilion (b)	11,343	16,422	6,413				
French Indo-China—							
Cinnabar	2,900	1,300	} (a)	(a)	(a)	(a)	(a)
Quicksilver	5,500	3,500					
Sulphide of mercury	10,800	11,700					
Iran (total imports) (c)—							
Quicksilver	4,890	7,174	104	95	606	1,325	(a)
Japan—							
Quicksilver	842,000	562,000	1,446,000	2,898,000	41,000	596,000	26,000
Manchuria—							
Quicksilver	46,659	} (a)	(a)	(a)	(a)	(a)	(a)
Vermilion	37,064						
Netherlands East Indies—							
Quicksilver	17,152	17,006	11,160	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Quicksilver	476	31	165	—	—	—	—
Turkey—							
Quicksilver	1,717	536	} (a)	(a)	(a)	(a)	(a)
Sulphide of mercury	17,154	69,417					
Other mercury salts	6,850	5,282					

(a) Information not available.

(b) Imports of artificial vermilion amounted to 173,848 lb., 181,011 lb. and 56,972 lb. during 1938, 1939 and 1940 respectively.

(c) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20 1939.

SALT
PRODUCTION OF SALT
(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain—							
Rock-salt.. .. .	19,658	23,323	26,022	22,926	26,968	21,174	17,490
Brine-salt	2,610,048	3,178,989	3,350,195	3,367,934	3,569,101	3,352,214	3,353,960
Northern Ireland—							
Rock-salt.. .. .	2,325	—	—	—	—	—	—
Brine-salt	5,666	10,570	13,728	13,392	13,286	11,006	11,043
Malta	1,800	(a)	(a)	(a)	(a)	(a)	(a)
Mauritius (c)—							
Sea-salt	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Nigeria (c)	400	400	400	400	400	400	400
Somaliland (exports)—							
Sea-salt	347	(a)	(a)	(a)	—	—	—
South West Africa—							
Rock-salt.. .. .	1,592	1,135	2,024	1,377	1,866	2,063	3,216
Other salt	10,899	8,395	10,098	7,711	7,683	8,073	8,954
Anglo-Egyptian Sudan ..	36,939	39,991	39,832	40,026	39,004	39,849	35,401
Kenya	3,199	(a)	9,211	13,946	13,473	15,076	13,829
Tanganyika Territory ..	10,006	9,623	9,355	8,355	9,183	10,399	11,037
Uganda	3,119	2,585	3,321	4,246	4,146	5,160	(a)
Union of South Africa (b)	115,859	104,025	115,921	125,647	131,504	106,973	121,611
Canada	391,729	379,463	414,923	502,863	582,006	609,746	620,729
British West Indies (exports)—							
Sea-salt—							
Bahamas	4,754	24,286	29,464	28,250	6,036	821	11,571
Turks and Caicos Islands	35,016	49,212	65,969	61,262	35,991	42,864	73,850
Aden	278,047	289,432	254,627	178,811	68,837	199,236	205,508
Burma	38,698	58,484	(a)	(a)	(a)	(a)	(a)
Ceylon	35,914	35,559	33,264	28,061	18,383	13,563	28,233
Cyprus (c)	3,000	3,000	3,000	3,000	3,000	3,000	3,000
India—							
Rock-salt.. .. .	188,372	193,399	204,019	192,796	216,014	327,585	1,864,725
Other salt	1,351,291	1,305,589	1,441,512	1,586,182	1,675,946	1,599,308	
Palestine—							
Rock-salt.. .. .	437	635	590	567	1,856	1,793	1,162
Sea-salt	7,938	8,598	9,787	10,792	10,536	17,671	18,754
Australia (d)—							
Western Australia ..	3,789	5,878	(a)	(a)	(a)	(a)	(a)
South Australia ..	74,812	79,483	144,669	170,691	174,176	184,312	164,885
Total*	5,240,000	5,800,000	6,200,000	6,400,000	6,600,000	6,500,000	6,500,000
FOREIGN COUNTRIES							
Austria—							
Rock-salt.. .. .	774	1,453	1,001	528	414	(a)	3,500
Brine-salt	92,098	106,106	106,819	105,128	102,633	(a)	(a)
Belgium (c)							
Brine-salt	6,000	(a)	(a)	(a)	(a)	(a)	(a)
Sea-salt	15,000						
Bulgaria—							
Brine-salt	10,080	12,960	(a)	(a)	(a)	(a)	(a)
Sea-salt, etc.	76,519						
Czecho-Slovakia	171,000	(a)	(a)	(a)	(a)	(a)	(a)

* See page 304.

(a) Information not available.

(b) Years ended June 30.

(c) Estimated.

(d) Salt is also produced in Victoria but figures are not available.

PRODUCTION OF SALT (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
France—							
Rock-salt and brine-salt	1,929,179	1,729,083	1,141,975	1,263,603	1,133,697	992,000	452,000
Other salt	539,660	372,542	452,814	567,000	549,049	552,150	404,023
Germany—							
Rock-salt.. .. .	2,652,420	3,046,000	3,344,000	3,606,000	4,061,000	(a)	(a)
Other salt	576,082	615,000	680,000	655,000	560,000	(a)	(a)
Greece—							
Sea-salt	100,445	81,123	(a)	(a)	(a)	(a)	(a)
Italy—							
Rock-salt and brine-salt	604,175	671,809	674,471	709,131	} (a)	(a)	(a)
Sea-salt	869,468	671,740	724,242	744,192		(a)	(a)
Netherlands	161,672	196,600	206,061	153,733	190,700	190,648	122,223
Poland—							
Rock-salt.. .. .	262,123	} (a)	(a)	(a)	(a)	(a)	(a)
Brine-salt, etc. .. .	370,312		(a)	(a)	(a)	(a)	(a)
Portugal—							
Rock-salt.. .. .	37	35	64	60	50	73	79
Sea-salt (exports) ..	5,774	9,142	11,766	6,871	735	51	3,371
Roumania—							
Rock-salt.. .. .	345,080	368,764	} 313,000	264,800	354,000	371,000	(a)
Sea-salt	1,122	1,318		(a)	(a)	(a)	(a)
Spain—							
Rock-salt.. .. .	148,495	155,292	203,386	192,595	244,380	262,021	239,237
Other salt	589,667	650,825	456,470	352,559	399,258	492,489	441,966
Switzerland	87,722	94,043	87,308	77,042	80,102	75,475	83,351
U.S.S.R. (b)	4,500,000	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Rock-salt.. .. .	51,802	53,357	58,484	} (a)	(a)	(a)	(a)
Sea-salt	21,000	(a)	(a)		(a)	(a)	(a)
Abyssinia (b)	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Algeria—							
Rock-salt and sea-salt ..	73,449	67,359	72,280	67,359	59,692	25,412	45,832
Angola	(b) 20,000	22,608	28,688	39,668	44,432	42,733	37,058
Belgian Congo	997	(b) 1,000	1,022	1,141	1,172	(b) 1,200	1,684
Canary Islands (b) .. .	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Cape Verde Islands .. .	27,297	34,231	24,391	27,430	25,375	11,778	17,248
Egypt	(c) 280,448	517,294	(c) 203,467	(c) 153,045	(c) 107,905	(c) 105,287	(c) 195,971
Eritrea	60,761	76,049	49,324	2,647	4,350	7,973	10,552
French Somaliland .. .	55,400	57,800	18,207	3,258	200	21,893	41,971
French West Africa (c) ..	50	—	—	—	—	—	—
Morocco (French)—							
Rock-salt.. .. .	660	1,378	2,441	} 35,687	41,878	{ 3,947	5,024
Brine-salt	(a) 15,000	15,000	23,200		35,687		41,878	36,890	27,228
Mozambique	3,916	4,113	2,487	7,572	2,522	8,092	5,630
Tripoli (b)	22,000	22,000	22,000	(a)	(a)	(a)	(a)
Tunis (sea-salt)	127,245	104,631	120,339	105,970	61,139	9,891	51,651
Cuba (sea-salt)	34,661	72,824	111,607	41,250	42,857	18,126	15,178
Dominican Republic .. .	9,139	9,385	(d) 7,400	14,500	(d) 5,900	12,421	11,100
Haiti (b)	(a)	12,400	10,300	2,000	(a)	8,000	8,000
Mexico (b)	106,000	100,000	(a)	(a)	570,000	730,000	(a)
Netherlands West Indies ..	1,981	(c) 243	(c) 36	(c) 3,175	(c) 4,502	(c) 3,725	(c) 7,690
Nicaragua (b)—							
Sea-salt	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Panama—							
Sea-salt	3,279	7,184	5,117	(a)	9,376	(a)	(a)

(a) Information not available.

(b) Estimated.

(c) Exports.

(d) Partial production.

PRODUCTION OF SALT (Cont.)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
United States (sales)—							
Rock-salt	1,698,090	1,816,533	2,022,810	2,338,471	2,502,042	2,909,945	3,078,784
Brine-salt	3,298,935	4,093,015	4,742,563	6,045,925	6,583,183	7,108,138	7,434,207
Evaporated salt	2,168,839	2,373,729	2,484,590	2,973,309	3,140,922	3,565,981	3,520,197
Argentina—							
Rock-salt	3,752	689	344	846	349	739	2,202
Brine-salt	256,226	297,841	287,690	366,803	358,526	434,051	441,946
Bolivia (d)	(a)	(a)	(a)	(a)	17,000	19,000	(a)
Brazil	775,769	494,271	392,243	540,000	589,084	409,549	445,906
Chile (sea-salt)	36,118	38,968	43,715	56,451	54,650	36,525	45,664
Colombia—							
Rock-salt	3,947	3,888	4,629	4,458	4,740	5,177	} 100,577
Brine-salt (d)	54,000	61,000	64,000	59,000	71,000	88,000	
Sea-salt	23,104	38,796	39,462	19,091	31,412	18,673		31,170
Costa Rica	4,665	6,700	6,700	6,000	7,605	3,360	6,100
Ecuador (sea-salt)	19,170	16,398	29,428	19,888	24,500	11,758	35,390
Guatemala—							
Rock-salt	2,895	(a)	(a)	(a)	} 11,577	12,416	12,443
Sea-salt	7,404	3,675	(a)	(a)			
Peru	37,844	41,366	48,278	46,115	45,114	48,253	49,834
Venezuela (sea-salt)	22,300	20,150	51,710	39,558	17,556	33,304	(a)
China (d)	3,000,000	3,000,000	3,000,000	(a)	(a)	(a)	(a)
Formosa (d)	210,000	(a)	(a)	(a)	(a)	(a)	(a)
French Indo-China	190,000	210,000	186,360	312,000	271,600	216,300	145,800
Iraq—							
Brine-salt	1,871	} 8,963	8,200	10,140	11,421	21,198	11,606
Sea-salt	5,911						
Japan (b)	476,054	626,331	564,522	383,290	467,909	408,881	347,575
Korea	327,486	(a)	(a)	(a)	(a)	(a)	(a)
Kwantung	417,640	(a)	(a)	(a)	(a)	(a)	(a)
Lebanon	(a)	(a)	(a)	(a)	1,029	7,055	(a)
Manchuria	219,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Government production ..	73,236	138,978	} 382,696	(a)	(a)	(a)	(a)
Native production	16,237	17,851					
Philippine Islands	(d) 50,000	(a)	(a)	(a)	(a)	(a)	(a)
Portuguese India	28,602	25,683	37,955	31,622	(a)	(a)	(a)
Siam	152,500	131,400	(a)	(a)	(a)	(a)	(a)
Syria	(d) 10,000	(d) 9,000	(d) 10,000	(d) 15,000	(d) 15,000	16,829	(a)
Turkey—							
Rock-salt	18,193	20,015	19,311	21,997	21,756	22,614	} 262,125
Brine-salt, etc.	52,941	71,846	} 190,161	} 171,151	} 199,657	} 239,510	
Sea-salt	172,252	143,529					
TOTAL*	29,000,000	30,000,000	31,000,000	31,000,000	29,000,000	30,000,000	28 000,000
WORLD'S TOTAL*	34,000,000	36,000,000	37,000,000	37,000,000	35,000,000	37,000,000	34,000,000

* Salt is also produced in many countries for which statistics are not available, e.g., Gold Coast, Italian Somaliland, Salvador. Figures for a number of important producers are not available for the years 1939 to 1944; the totals for foreign countries and the world are therefore approximate.

(a) Information not available.

(b) Excluding production from salt beds, which, although on government beach lands, have no fixed areas. Figures refer to years ended March 31 following that stated.

(c) Years ended March 31 following.

(d) Estimated.

EXPORTS OF SALT

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Rock-salt	9,585	7,418	6,981	5,973	3,608	4,188	4,098
Other salt	222,834	245,394	194,860	184,663	143,044	124,731	132,972
Anglo-Egyptian Sudan ..	3,864	31,193	29,264	24,801	16,031	19,599	11,400
Gold Coast	113	141	(a)	(a)	(a)	(a)	1
Kenya and Uganda	548	681	824	1,129	1,879	1,465	1,581
Somaliland Protectorate—							
Sea-salt	347	(a)	(a)	(a)	—	—	—
Southern Rhodesia	133	102	—	—	—	198	136
South-West Africa	(a)	(a)	(a)	(a)	(e)	(e)	(e)
Tanganyika Territory .. .	4,146	4,448	4,348	3,384	3,260	3,819	3,662
Union of South Africa .. .	7,113	7,523	12,327	18,269	15,389	3,704	256
Canada	10,575	9,516	5,669	11,183	8,327	7,198	2,841
British West Indies—							
Bahamas (b)	4,754	24,286	29,464	28,250	6,036	821	11,571
Leeward Islands	4,005	6,773	6,782	4,568	5,226	2,745	4,625
Turks and Caicos Islands (b)	35,016	49,212	65,969	47,418	15,335	8,435	(a)
Aden	243,073	347,371	202,240	141,435	72,399	91,415	119,711
British India (c)	65,274	78,736	74,740	44,580	29,801	31,462	(g) 4,513
Ceylon	7	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (including re-exports)	31,914	25,503	31,085	(a)	(a)	(a)	(a)
Malaya (including re-exports)	5,548	5,804	5,948	(a)	(a)	(a)	(a)
Australia—							
Rock-salt	5	5	11	10	14	184	36
Refined salt (£ Australian)	(£357)	(£2,409)	(£4,757)	(£7,857)	(£2,735)	(£2,657)	(£3,093)
Other salt	15,888	17,745	27,030	27,842	14,444	34,955	16,970
FOREIGN COUNTRIES							
Austria	18,416	(d) 1,149	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Common salt	1,464	} 956	{ (a)	6	46	29	1
Refined salt	730			(a)	2	—	—
Denmark—							
Refined salt, etc.	21	126	19	1	1	1	1
France	92,745	114,743	29,134	23,708	31,001	1,674	444
Germany—							
Rock-salt, sea-salt, etc. ..	772,575	729,029	773,860	907,947	1,034,903	1,364,859	(f) 704,020
Greece	19,743	15,592	21,738	(a)	(a)	(a)	(a)
Italy—							
Rock-salt and sea-salt ..	267,839	(f) 147,347	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Rock-salt and sea-salt ..	38	154	189	16	—	238	(a)
Refined salt and waste ..	91,779	125,468	96,213	75,190	84,165	76,500	(a)
Norway—							
Common salt	—	5,658	140	1	—	—	—
Refined salt	—	577	25	5	—	—	—

(a) Information not available.

(b) Converted from bushels at the rate of 28 bushels = 1 long ton.

(c) Includes trade by land as recorded.

(d) January to March only.

(e) Exports of salt are not separately recorded but imports into the Union of South Africa from S.W. Africa were (long tons):—1942—141, 1943—654, 1944—13,505.

(f) January to July only.

(g) Sea-borne trade only.

EXPORTS OF SALT (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Poland	10,835	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	5,774	9,142	11,766	6,871	735	51	3,371
Roumania	74,180	58,594	45,948	(a)	(a)	(a)	(a)
Spain	(a)	(d) 173,274	152,408	26,212	116,863	64,504	73,728
Sweden	1,409	665	11	3	7	1	732
U.S.S.R.	(b) 198,791	(a)	(a)	(a)	(a)	(a)	(a)
Algeria	42,069	(a)	(a)	(a)	(a)	(a)	(a)
Angola	4,737	5,706	9,061	12,553	13,176	25,146	20,131
Belgian Congo	10	21	(a)	(a)	(a)	(a)	(a)
Cape Verde Islands	31,750	31,958	6,138	9,776	23,177	12,020	12,045
Egypt—							
Common salt	280,448	435,543	203,467	153,045	107,905	105,287	195,971
French Somaliland	51,606	76,882	18,207	326	197	21,893	41,970
French West Africa	50	(a)	(a)	(a)	(a)	(a)	(a)
Italian East Africa	150,315	(a)	(a)	(a)	(a)	(a)	(a)
Libya	11,112	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar	32	25	461	1,412	691	469	146
Mozambique	497	1,135	384	93	4,631	2,667	1,893
Morocco (Spanish)	8,220	(a)	(a)	(a)	(a)	(a)	(a)
Tunis (including re-exports)							
Rock-salt and sea-salt	92,074	107,035	10,804	2,049	6,848	3,197	(a)
Mexico	89	5	49	100	(a)	(a)	(a)
Netherlands West Indies	(a)	243	36	3,175	4,502	4,715	5,069
United States	60,266	110,958	131,289	109,996	105,736	130,277	177,114
Argentina	27,071	32,771	30,091	56,759	56,880	107,673	109,606
Brazil	231	(a)	(a)	(a)	(a)	(a)	(a)
Chile	2,522	11	6	4,079	212	—	2,690
Ecuador	(a)	145	125	95	247	178	(a)
China—							
Refined salt	5,199	16,139	18,546	(a)	(a)	(a)	(a)
Other salt	583,055	347,397	674,136	(a)	(a)	(a)	(a)
Formosa (e)	170,000	170,000	170,000	170,000	175,000	175,000	200,000
French Indo-China	67,457	43,508	(a)	(a)	(a)	(a)	(a)
Iran (including re-exports)(c)	944	832	1,286	1,011	443	297	(a)
Japan	557	127	(a)	(a)	(a)	(a)	(a)
Korea	383	(a)	(a)	(a)	(a)	(a)	(a)
Manchuria—							
Common salt	238,704	}	(a)	(a)	(a)	(a)	(a)
Semi-refined salt	154,985		(a)	(a)	(a)	(a)	(a)
Refined salt	4,693		(a)	(a)	(a)	(a)	(a)
Philippine Islands	30	(a)	(a)	(a)	(a)	(a)	(a)
Portuguese India	7,130	(a)	(a)	(a)	(a)	(a)	(a)
Siam (including re-exports)	95,652	(a)	(a)	(a)	(a)	(a)	(a)
Turkey	55,793	102,013	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to September only.

(c) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939

(d) April to December only.

(e) U.S. Bureau of Mines "Foreign Minerals Survey." Estimated imports into Japan from Korea.

IMPORTS OF SALT

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Rock-salt	13,543	7,716	—	200	—	78	—
Other salt	40,065	24,378	123	(b) 87	86	—	3
Eire—							
Refined salt	3,351	4,007	3,361	5,052	4,057	2,587	3,006
Other salt	28,574	32,894	32,614	44,955	35,409	22,467	28,675
Malta—							
Refined salt	(£405)	(a)	(a)	(a)	(a)	(a)	(a)
Anglo-Egyptian Sudan	301	371	493	422	324	64	—
Gambia	248	1,152	594	721	83	383	1,140
Gold Coast—							
Refined salt	21	14	(a)	(a)	(a)	(a)	8
Other salt	1,592	1,556	997	869	492	45	27
Kenya and Uganda	10,050	7,148	3,640	214	1,650	5,899	2,041
Mauritius	100	250	—	138	322	—	495
Nigeria	52,518	46,070	52,786	39,842	76,218	51,637	61,673
Northern Rhodesia	2,093	2,497	2,805	3,152	2,560	4,556	3,802
Nyasaland	3,204	3,733	3,318	2,695	4,142	4,872	2,228
Seychelles	240	220	(a)	(a)	(a)	(a)	(a)
Sierra Leone	3,312	3,215	2,534	1,637	1,628	3,207	3,034
Somaliland	(a)	(a)	(a)	(a)	6,648	2,695	2,317
South West Africa	298	354	374	559	279	254	188
Southern Rhodesia	7,460	6,797	8,036	9,331	7,433	13,575	13,803
Tanganyika Territory	166	99	121	239	(b) 5	441	256
Union of South Africa—							
Rock-salt	348	239	51	18	—	4,789	—
Common salt and refined salt	1,484	1,530	1,520	1,296	2,556	15,145	22,753
Zanzibar	1,421	1,591	1,956	546	1,133	1,528	2,874
Canada (total imports)—							
Salt for use of fisheries	34,836	30,934	30,966	14,889	18,630	18,783	28,088
Refined salt	37	9	5	3	1	—	—
Other salt	61,674	73,706	69,321	57,230	43,087	56,475	103,414
Newfoundland (c)—							
Salt in bulk	67,801	65,716	43,658	27,207	(d) 33,212	(e) 47,252	(e) 40,221
Refined salt	(£2,694)	(£3,790)	(£3,806)	(£5,361)	(d) (£4,878)	(e) (£7,383)	(e) 591
British Honduras	326	362	353	391	442	287	351
British West Indies—							
Barbados	2,005	2,487	2,601	2,046	1,751	2,006	2,047
Bermuda	173	257	141	207	190	184	101
Grenada	502	736	502	241	526	220	838
Jamaica—							
Rock-salt	342	66	15	44	94	31	—
Other salt	8,739	7,806	8,697	8,445	10,277	9,614	8,579
Leeward Islands	11	9	(£726)	—	—	—	—
St. Lucia—							
Common salt	337	446	622	227	(a)	(a)	(a)
Refined salt	9	9	9	11	(a)	(a)	(a)
St. Vincent—							
Rock-salt	385	(a)	(a)	(a)	(a)	(a)	(a)
Refined salt	17	(a)	(a)	(a)	(a)	(a)	(a)
Trinidad and Tobago—							
Rock-salt	327	370	646	298	749	371	660
Refined salt	2,668	3,267	3,128	3,852	4,544	2,130	3,858

(a) Information not available.

(b) Excess of re-imports.

(c) Total imports for years ended June 30 following that stated.

(d) Nine months ended March 31, 1943.

(e) Years ended March 31 following that stated.

IMPORTS OF SALT (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE (Cont.)							
British Guiana—							
Rock-salt.. .. .	770	807	1,015	671	1,957	568	1,435
Refined salt, etc. ..	1,114	1,095	718	963	1,480	982	2,067
Aden	3	3	8	1	2	1	2
British India	331,439	289,934	256,348	278,048	117,654	174,473	441,801
Burma	36,421	53,651	36,444	(a)	(a)	(a)	(a)
Ceylon—							
Refined salt	72	92	(a)	(a)	(a)	(a)	(a)
Other salt	22	19	(a)	(a)	(a)	(a)	(a)
Cyprus	36	—	—	—	—	—	—
Hong Kong (total imports)	51,684	42,226	107,322	(a)	(a)	(a)	(a)
Malaya (total imports)—							
Refined salt	75	75	140	} (a)	(a)	(a)	(a)
Other salt	61,239	72,612	47,704				
Palestine	153	128	120	63	40	10,194	120
Sarawak	2,830	3,451	2,983	(a)	(a)	(a)	(a)
State of North Borneo ..	1,899	1,934	(a)	(a)	(a)	(a)	(a)
Australia—							
Rock-salt.. .. .	5,579	1,806	3,234	1,947	2,141	3,231	2,457
Refined salt	(£21,661)	(£23,988)	(£28,528)	(£17,940)	(£15,177)	(£1,667)	(£2,556)
Other salt	4,312	3,568	2,396	1,735	2,213	9,584	5,058
Fiji	553	868	848	1,068	1,143	1,690	128
New Guinea (c) (£ Aust.)	(£1,634)	(a)	(a)	(a)	(a)	(a)	(a)
New Zealand	39,086	49,021	49,503	49,021	52,574	68,027	28,992
Papua (c)	44	52	(a)	(a)	(a)	(a)	(a)
Solomon Islands (b) ..	18	15	13	14	(a)	(a)	(a)
Western Samoa	59	73	89	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Austria	11	(d) 22	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Common salt	285,590	136,483	} (a)	{ 254,469	179,872	181,345	78,654
Refined salt	55,932	47,616						91,103	105,026	131,733	97,880
Bulgaria—							
Rock-salt.. .. .	11,573	(a)	(a)	56,300	80,487	73,960	19,015
Sea-salt	(a)	(a)	(a)	9,063	34,543	4,464	—
Czecho-Slovakia—							
Common salt	111,128	} (a)	(a)	(a)	(a)	(a)	(a)
Refined salt	4						
Denmark—							
Rock-salt.. .. .	8,674	8,310	3,758	2,642	2,426	2,131	2,428
Refined salt	78,345	90,025	88,377	65,584	107,218	85,231	100,388
Estonia	27,333	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Common salt	115,411	128,297	107,474	64,699	120,455	158,704	52,165
France	68,182	65,686	32,518	4,854	373	122	113
Germany—							
Rock-salt, sea-salt, etc.	12,197	7,932	22,936	13,405	33,818	55,024	(e) 43,184
Hungary	87,143	60,664	(a)	(a)	(a)	(a)	(a)
Iceland—							
Common salt	51,380	60,149	17,413	16,349	12,982	6,987	10,284
Refined salt	69	65	49	60	59	37	33
Italy—							
Rock-salt and sea-salt ..	992	(c) —	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30.

(d) January to March only.

(e) January to July only.

IMPORTS OF SALT (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Latvia—							
Rock-salt.. ..	25,063	} (a)	(a)	(a)	(a)	(a)	(a)
Common salt	1,933						
Sea-salt	1,963						
Lithuania—							
Rock-salt.. ..	5,537	} (a)	(a)	(a)	(a)	(a)	(a)
Refined salt	29,292						
Netherlands—							
Rock-salt	80,510	77,523	73,468	75,157	57,754	70,908	(a)
Sea-salt, etc.	19,100	20,656	2,248	—	—	—	(a)
Refined salt and waste ..	483	277	39	67	60	118	(a)
Norway—							
Rock-salt	43,975	} 226,298	127,895	194,891	135,770	132,868	126,522
Common salt	182,338						
Refined salt	(a)						
Poland	334	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	10	14	87	4,426	60,233	22,860	15,730
Sweden—							
Common salt	234,647	247,868	181,686	193,962	198,763	208,310	229,793
Switzerland	720	802	652	347	1,234	2,994	1,868
U.S.S.R.	(b) 7,890	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Rock-salt	33,268	32,976	} (a)	(a)	(a)	(a)	(a)
Sea-salt	26,616	24,227					
Algeria	8,596	(a)	(a)	(a)	(a)	(a)	(a)
Belgian Congo	18,447	18,800	(a)	(a)	(a)	(a)	(a)
Cameroon (French)	5,643	5,856	5,467	6,026	7,262	8,760	10,194
Egypt—							
Common salt	116	109	137	129	183	176	71
French Equatorial Africa	5,235	(a)	(a)	(a)	(a)	(a)	(a)
French Somaliland	37	(a)	(a)	(a)	(a)	(a)	(a)
French Togoland	2,622	(a)	(a)	(a)	(a)	(a)	(a)
French West Africa	22,071	(a)	(a)	(a)	(a)	(a)	(a)
Liberia	1,557	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar	3	8	3	—	—	860	2,344
Morocco (French)	3,436	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish)	1,484	(a)	(a)	(a)	(a)	(a)	(a)
Mozambique	1,906	1,755	2,123	716	8,234	5,077	1,956
Portuguese Guinea	2,400	1,390	779	1,123	968	1,573	499
Réunion	1,294	(a)	(a)	(a)	(a)	(a)	(a)
S. Thomé and Príncipe ..	(a)	(a)	(a)	228	149	252	461
Costa Rica	18	22	(a)	(a)	(a)	(a)	(a)
Cuba (total imports)	7,631	7,957	6,477	10,820	9,747	7,897	5,597
French West Indies—							
Guadeloupe	1,509	1,319	1,549	1,746	2,234	1,543	1,758
Martinique	1,850	(a)	(a)	(a)	(a)	(a)	(a)
Guatemala	412	(a)	(a)	(a)	(a)	(a)	(a)
Mexico	1,759	1,836	2,398	2,015	(a)	(a)	(a)
Nicaragua (total imports)	231	208	236	333	144	372	785
St. Pierre and Miquelon ..	8,671	7,185	5,499	—	192	—	—
United States	38,280	41,101	27,163	13,779	6,923	688	4,954
Argentina—							
Rock-salt	941	802	180	237	160	414	197
Sea-salt	358	981	1,043	248	306	311	—
Refined salt	207	208	259	184	187	151	151
Bolivia	492	(a)	555	(a)	(a)	(a)	(a)
Brazil (total imports)	6	94	36	6	94	53,127	99,540
Chili	103	328	215	203	179	(a)	(a)
Colombia	20	395	1,564	1,284	1,216	1,039	(a)

(a) Information not available.

(b) January to September only.

IMPORTS OF SALT (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French Guiana	182	(a)	(a)	(a)	(a)	(a)	(a)
Peru	1	4	2	4	122	306	236
Uruguay—							
Refined salt	27	33	77	(a)	(a)	(a)	(a)
Rock-salt	56	83	123	(a)	(a)	103	15
Sea-salt	29,502	45,634	40,562	38,625	(a)	26,904	50,486
French Indo-China ..	497	212	(a)	(a)	(a)	(a)	(a)
Iran (b)—							
Common salt	1,198	2,921	1,181	} 2,008	{ 1,875	556	(a)
Refined salt	121	13	22			11	13	(a)
Iraq	12	20	14	15	12	5	5
Japan (total imports) ..	1,405,799	1,862,795	(c)1,900,000	(c)2,100,000	(c)2,200,000	(c)2,600,000	(a)
Korea (total imports) ..	163,402	(c) 140,000	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Refined salt	310	308	1,830	} (a)	(a)	(a)	(a)
Other salt	847	730	166			(a)	(a)	(a)
Philippine Islands ..	3,937	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon ..	7,754	17,305	1,814	7,140	3,567	9,069	13,116
French Oceania	188	(a)	(a)	(a)	(a)	(a)	(a)
New Caledonia	581	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total imports for years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

(c) U.S. Bureau of Mines "Foreign Minerals Survey."

SILVER
PRODUCTION OF SILVER ORE
(In terms of metal)
 (Fine troy ounces)

14 R.
 1946
 6341392
 (see p. 5)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	107,985	70,818	81,496	59,669	47,082	33,885	34,660
Bechuanaland Protectorate	1,127	813	1,207	950	1,267	1,220	1,319
Gold Coast (b)	42,206	46,403	46,021	36,356	66,580	50,288	56,819
Kenya	11,200	13,600	13,626	15,642	15,602	16,354	11,500
Nigeria	—	1,806	(a)	(a)	(d) 5,200	(d) 2,100	1,079
Northern Rhodesia	88,234	80,137	311	45,699	104	41	—
Sierra Leone	(d) 1,300	(a)	(a)	(a)	(a)	(a)	(a)
Southern Rhodesia	166,417	173,556	186,080	170,364	163,776	119,322	103,776
South West Africa (c)	636,396	558,290	(a)	(a)	(a)	(a)	(a)
Tanganyika Territory	16,473	27,336	36,431	39,624	26,599	18,705	17,120
Uganda (b)	1,981	1,400	1,015	1,006	1,127	468	306
Union of South Africa	1,135,374	1,182,516	1,292,284	1,482,903	1,477,557	1,334,042	1,213,051
Canada	22,219,195	23,163,629	23,833,752	21,754,408	20,695,101	17,344,569	13,627,109
Newfoundland	1,645,590	1,421,151	1,494,862	1,657,127	1,106,115	1,258,708	1,163,206
British Guiana (d)	5,060	(a)	(a)	(a)	(a)	(a)	(a)
Burma (e)	6,950,000	6,600,000	6,819,000	6,363,000	(f) 4,269,000	(a)	(a)
Cyprus	199,719	104,222	65,070	101,461	38,581	17,282	4,882
India	22,295	22,745	23,298	22,930	20,098	18,611	14,239
Federated Malay States (d)	3,500	(a)	(a)	(a)	(a)	(a)	(a)
Sarawak	1,660	(a)	(a)	(a)	(a)	(a)	(a)
Australia	15,552,037	15,320,116	15,871,976	15,412,581	14,241,811	10,329,830	9,365,726
Fiji	12,380	16,115	23,029	30,383	28,911	19,048	9,355
New Guinea (d)	104,000	(a)	(a)	(a)	(a)	(a)	(a)
New Zealand	357,709	390,342	415,330	378,331	311,360	280,786	328,281
Total	49,300,000	49,200,000	50,600,000	47,600,000	42,600,000	31,000,000	26,000,000
FOREIGN COUNTRIES							
Bulgaria	(d) 13,000	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia (d)	1,000,000	(g) 805,000	(g) 870,000	(g) 805,000	(g) 740,000	(g) 740,000	(g) 675,000
Finland	58,000	60,000	(a)	(a)	(a)	(a)	(a)
France	552,273	595,850	393,879	337,133	364,429	310,737	240,134
Germany	7,000,000	6,400,000	6,300,000	5,700,000	5,600,000	(a)	(a)
Greece	134,337	150,000	(a)	(a)	(a)	(a)	(a)
Hungary	47,000	50,000	(a)	(a)	(a)	(a)	(a)
Italy	820,000	880,000	(a)	(a)	(a)	(a)	(a)
Norway	250,776	295,787	282,927	257,206	253,991	231,485	170,399
Poland	61,000	60,000	(a)	(a)	(a)	(a)	(a)
Portugal	17,477	28,003	34,626	(a)	(a)	(a)	(a)
Roumania	713,078	709,888	500,000	127,000	90,000	79,000	(a)
Spain	237,658	306,493	1,050,365	455,319	143,714	656,407	778,000
Sweden	1,123,835	1,122,865	1,115,341	1,245,488	1,476,426	1,306,220	1,292,299
U.S.S.R. (d)	7,000,000	7,000,000	(a)	(a)	(a)	(a)	(a)
Yugoslavia	2,450,000	2,300,000	(a)	(a)	(a)	(a)	(a)
Algeria	128,153	113,042	47,615	45,000	18,300	15,432	48,612
Belgian Congo	3,122,000	2,069,000	3,537,000	3,472,000	3,922,000	3,119,000	2,733,000
Morocco (French)	276,500	303,953	297,395	142,588	84,556	85,714	65,427
Mozambique	1,640	2,122	1,768	1,286	900	547	836

(a) Information not available.

(b) Exports

(c) Years ended March 31 following.

(d) Estimated.

(e) Years ended June 30 of year stated.

(f) Nine months ended March 31 1942.

(g) U.S. Bureau of Mines estimate.

PRODUCTION OF SILVER ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Tunis	62,051	53,724	41,474	54,700	51,400	8,906	35,205
Costa Rica	(a)	10,000	8,000	12,000	6,000	1,200	3,500
Cuba	(d) 124,717	(d) 102,915	(d) 45,836	(d) 27,150	36,238	142,420	(d) 42,985
Mexico	81,016,939	75,870,576	82,640,076	78,363,963	84,864,359	86,371,556	73,502,803
United States	61,705,837	64,373,281	70,549,362	67,258,997	54,090,765	41,460,826	34,473,540
Honduras	3,346,246	4,118,864	3,902,000	3,528,000	3,484,000	3,164,000	3,115,000
Nicaragua	158,274	(b) 238,430	(b) 256,692	(b) 272,574	(b) 265,179	(b) 251,901	(b) 248,529
Salvador	14,565	(b) 117,000	(b) 169,000	(b) 246,000	(b) 246,000	(b) 210,000	(b) 197,000
Argentina	3,209,000	4,772,000	3,709,000	3,185,000	3,646,000	9,739,000	(a)
Bolivia (b)	6,366,000	7,241,000	5,626,000	7,349,000	8,121,000	7,300,000	6,798,000
Brazil	25,591	27,594	24,694	21,170	25,733	30,048	28,722
Chile	1,375,530	1,182,033	1,506,349	1,248,724	906,381	1,006,677	996,548
Colombia	192,879	242,648	260,310	271,115	246,281	209,950	197,323
Ecuador	81,974	104,519	172,292	274,335	261,945	362,013	376,565
Guiana (French and Dutch) (c)	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Peru	20,552,816	18,802,226	19,366,251	15,119,168	16,035,150	14,659,859	15,832,567
Venezuela (c)	7,000	7,000	7,000	7,000	7,000	7,000	7,000
China (c)	150,000	150,000	(a)	(a)	(a)	(a)	(a)
French Indo-China	2,411	1,672	1,749	849	45	—	—
Japan	10,943,309	c 11,000,000	13,225,369	13,522,666	13,012,306	6,376,553	5,029,341
Korea (c)	3,000,000	3,000,000	(a)	(a)	(a)	(a)	(a)
Manchuria (c)	3,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies	579,283	618,012	1,499,508	(a)	(a)	(a)	(a)
Philippine Islands	1,167,612	1,191,739	1,275,384	(e) 1,260,097	(e) 231,197	(e) 26,061	(a)
Saudi Arabia	(a)	17,876	37,625	45,305	23,369	(a)	(a)
Total*	219,000,000	217,000,000	230,000,000	215,000,000	207,000,000	190,000,000	166,000,000
WORLD'S TOTAL*	268,000,000	266,000,000	280,000,000	263,000,000	250,000,000	221,000,000	192,000,000

* As figures for certain large producers are not available the totals for foreign countries and the world are necessarily approximate.

(a) Information not available.

(b) Exports.

(c) Estimated.

(d) Imports into the United States.

(e) U.S. Bureau of Mines.

EXPORTS OF SILVER*

(In terms of metal)

(Fine ounces troy)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Unrefined bullion	—	3,124,000	—	—	—	—	—
Refined bullion	106,200,000	58,551,000	16,301,450	92,704	78,476	6,027	3,192
Anglo-Egyptian Sudan—							
Bullion	—	—	—	—	3,300	18,600	—
Gold Coast—							
Bullion	42,200	46,400	46,000	36,400	66,600	50,300	56,800
Northern Rhodesia—							
Bullion	50	250	10	180	80	80	—
Southern Rhodesia—							
Concentrates	96,000	126,000	115,000	137,000	167,000	39,000	—
Bullion	134,000	133,800	162,700	148,300	145,600	118,800	100,600
Tanganyika Territory—							
Bullion	—	26,000	35,000	36,000	24,000	17,000	15,000
Union of South Africa—							
Bullion	762,000	675,000	550,000	51,000	—	—	—
British West Indies—							
Trinidad and Tobago—							
Bullion	—	82,000	—	—	—	—	—
Canada—							
Ore, concentrates, etc. ..	5,869,000	6,828,000	5,633,000	4,069,000	3,535,000	2,253,000	2,390,000
Bullion	23,927,000	15,211,000	14,014,000	13,166,000	10,646,000	9,199,000	3,577,000
British India (b)—							
Bullion	7,700,000	15,472,000	11,681,000	28,944,000	33,643,000	1,606,000	—
Burma—							
Bullion	5,700,000	6,000,000	5,500,000	(a)	(a)	(a)	(a)
Ceylon—							
Bullion	900	1,700	313	—	—	—	—
Cyprus—							
Ore, etc.	106,500	134,600	59,500	103,200	34,600	13,300	7,600
Hong Kong—							
Bullion	1,100,000	4,800,000	(a)	(a)	(a)	(a)	(a)
Malaya—							
Bullion	2,342,000	2,833,000	237,000	(a)	(a)	(a)	(a)
Australia—							
Ores, concentrates and matte	(c)2,346,000	(c)1,840,000	1,856,000	811,000	1,655,000	858,000	1,286,000
Bullion	(c)9,107,000	(c)9,426,000	7,660,000	2,298,000	3,345,000	8,300	—
Fiji—							
Bullion	11,900	15,990	16,300	29,600	25,800	23,600	10,800
New Zealand—							
Concentrates, sweepings, Bullion	500	2,000	(a)	(a)	400	600	300
Bullion	370,000	313,000	(a)	(a)	320,000	197,000	251,000
FOREIGN COUNTRIES							
Austria—							
Bullion	100,000	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Bullion and scrap	8,200,000	9,300,000	} (a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	500	5,500					
Czecho-Slovakia—							
Bullion and scrap	2,255,000	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Bullion	9,800,000	9,700,000	870,000	} (a)	(a)	(a)	(a)
Beaten, rolled or drawn	1,211,000	710,000	230,000				
Germany—							
Bullion	7,300,000	5,200,000	2,200,000	(a)	(a)	(a)	(a)

* Excluding silver coin, but including silver shipped for minting.

(a) Information not available.

(b) Includes trade by land as recorded.

(c) Years ended June 30 of that stated.

EXPORTS OF SILVER (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Italy—							
Bullion, etc.	1,200	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Bullion and scrap	2,500,000	2,500,000	500,000	(a)	(a)	(a)	(a)
Norway—							
Bullion	84,000	86,000	(a)	(a)	(a)	(a)	(a)
Poland—							
Bullion	56,000	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Bullion	540,000	460,000	230,000	180,000	160,000	160,000	100,000
Switzerland—							
Bullion	658,000	490,000	700,000	2,000	14,000	1,000	22,000
Belgian Congo—							
Bullion	31,000	(c) 34,000	(a)	(a)	(a)	(a)	(a)
Egypt—							
Bullion and scrap	130	2,200	1,900	—	2,700	—	—
Madagascar—							
Bullion	2,700	(a)	(a)	(a)	(a)	(a)	(a)
Cuba—							
Bullion	—	1,600	—	1,000	—	—	—
Honduras (b)—							
Bullion	2,730,000	4,351,000	3,735,000	3,500,000	3,300,000	3,000,000	3,200,000
Mexico—							
Bullion, etc.	95,070,000	85,753,000	83,570,000	79,161,000	67,841,000	28,805,000	18,013,000
Nicaragua—							
Concentrates	159,000	238,000	254,000	273,000	265,000	252,000	249,000
Salvador—							
Bullion	(a)	117,000	169,000	246,000	191,000	202,000	306,000
United States—							
Ore and base bullion	1,500,000	434,000	11,000	4,000	4,000	400,000	—
Refined bullion	1,800,000	21,500,000	9,400,000	8,400,000	1,400,000	34,400,000	137,300,000
Argentina—							
Bullion	334,000	349,000	336,000	473,000	473,000	610,000	200,000
Bolivia—							
Ores, etc.	6,366,000	7,241,000	5,626,000	7,349,000	8,121,000	7,300,000	6,798,000
Chile—							
Ore	(d) 15,000	(d) 10,000	856,000	430,000	90,000	90,000	(a)
Peru—							
Ores, concentrates, etc.	7,611,000	5,489,000	5,382,000	3,929,000	1,460,000	1,697,000	3,034,000
Bullion	12,812,000	12,110,000	13,130,000	11,084,000	12,618,000	11,663,000	8,349,000
China—							
Bullion	1,300,000	77,000	227,000	(a)	(a)	(a)	(a)
French Indo-China—							
Bullion	5,300	(a)	(a)	(a)	(a)	(a)	(a)
Iran—							
Bullion	—	—	—	—	—	300,000	(a)
Iraq—							
Bullion, etc.	6,300	3,900	1,900	—	—	—	—
Netherlands East Indies—							
Bullion and scrap	531,000	467,000	(a)	(a)	(a)	(a)	(a)
Philippine Islands—							
Bullion	1,056,000	1,361,000	1,332,000	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended July 31 of year stated. For 1938 the figure refers to eleven months ended June 30.

(c) In addition copper ingots, matte, etc., exported contained 2,250,000 troy ounces of silver.

(d) Excluding mixed ore.

IMPORTS OF SILVER*

(In terms of metal)

(Fine troy ounces)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ores	4,100,000	4,000,000	5,500,000	3,300,000	3,500,000	2,600,000	900,000
Unrefined bullion	11,200,000	14,671,000	12,972,000	14,408,000	4,200	13,100	53,000
Refined bullion	40,200,000	58,623,000	5,682,000	4,096,000	8,021,000	21,703,000	36,140,000
Malta—							
Bullion	18,600	(a)	(a)	(a)	(a)	(a)	(a)
Anglo-Egyptian Sudan—							
Bullion	257,000	24,300	200	—	1,000	—	—
Gold Coast—							
Bullion	2,250	2,900	200	—	200	—	—
Kenya and Uganda—							
Bullion	1,000	—	50	200	—	—	—
Nigeria—							
Bullion	950	20	—	800	—	—	—
Sierra Leone—							
Bullion	600	1,100	500	400	—	—	—
Tanganyika Territory—							
Bullion	20	—	180	150	—	—	—
Union of South Africa—							
Bullion	7,000	6,000	210,000	254,000	226,000	183,000	153,000
Zanzibar—							
Bullion	90	—	—	—	—	—	—
Canada—							
Bullion	2,010,000	3,850,000	1,355,000	264,000	31,000	—	—
British Guiana—							
Bullion	—	—	—	—	—	—	3,400
British West Indies—							
Trinidad and Tobago—							
Bullion	6,300	16,800	9,900	—	8,000	—	—
Burma—							
Bullion	40,700	23,000	—	(a)	(a)	(a)	(a)
Ceylon—							
Bullion	62,000	53,000	51,000	6,000	41,000	38,900	11,000
Cyprus—							
Bullion	10,700	(a)	(a)	(a)	(a)	(a)	(a)
British India (b)—							
Bullion	14,192,000	32,134,000	20,531,000	11,642,000	5,158,000	13,021,000	282,683,000
Hong Kong—							
Bullion	12,600	11,200	(a)	(a)	(a)	(a)	(a)
Malaya—							
Bullion	1,762,000	1,547,000	779,000	(a)	(a)	(a)	(a)
Australia (c)—							
Bullion	182,000	200,000	234,000	227,000	120,000	19,153	6,957
New Zealand—							
Bullion	12,000	7,300	(a)	(a)	7,500	100	900
FOREIGN COUNTRIES							
Austria—							
Bullion	103,000	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Bullion and scrap	2,600,000	60,000	} (a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	34,000	34,000					
Bulgaria—							
Bullion, etc.	10,000	(a)	(a)	(a)	(a)	(a)	(a)

* Excluding silver coin, but including silver shipped for minting.

(a) Information not available.

(b) Includes trade by land as recorded.

(c) Years ended June 30 of that stated.

(d) Sea-borne trade only.

IMPORTS OF SILVER (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Czecho-Slovakia—							
Bullion and scrap ..	2,600	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Bullion, etc.	2,200,000	1,300,000	390,000	120,000	93,000	74,000	120,000
Estonia—							
Bullion, etc.	70,000	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Bullion, etc.	555,000	(a)	(a)	170,000	14,000	33,000	24,000
France—							
Bullion	5,400,000	7,200,000	3,200,000	} (a)	(a)	(a)	(a)
Beaten, rolled or drawn	66,000	39,000	10,000				
Germany—							
Ores (b)	(£26,000)	(a)	(a)	} (a)	(a)	(a)	(a)
Bullion	4,700,000	6,500,000	1,200,000				
Scrap	(£22,000)	(a)	(a)				
Hungary—							
Bullion	2,657,000	(a)	(a)	(a)	(a)	(a)	(a)
Italy—							
Bullion, etc.	1,030,000	(d) 1,100,000	(d) 750,000	(d) 350,000	(d) 1,100,000	(a)	(a)
Latvia—							
Bullion, etc.	206,000	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Bullion, etc.	60,000	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Bullion and scrap ..	1,210,000	1,700,000	300,000	(a)	(a)	(a)	(a)
Norway—							
Bullion	390,000	440,000	(a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	580,000	650,000	230,000	43,000	3,400	2,000	700
Poland—							
Bullion	830,000	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Bullion	420,000	45,000	694,000	(a)	(a)	(a)	(a)
Sweden—							
Bullion	1,900,000	4,130,000	900,000	760,000	260,000	1,900,000	1,400,000
Switzerland—							
Bullion	3,630,000	5,200,000	2,400,000	1,800,000	600,000	2,800,000	1,500,000
Yugoslavia—							
Bullion, etc.	4,600	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Bullion and scrap ..	260,000	73,000	21,000	78,000	3,400	11,000	354,000
Tunis—							
Beaten, rolled or drawn	7,000	(a)	(a)	(a)	(a)	(a)	(a)
United States—							
Ore and base bullion ..	54,500,000	57,800,000	60,000,000	50,200,000	35,000,000	40,600,000	37,700,000
Refined bullion	191,600,000	136,100,000	106,200,000	84,200,000	73,100,000	22,300,000	13,700,000
Argentina—							
Bullion	2,400	900	800	500	700	—	—
Brazil—							
Bullion	73,000	(a)	180,000	410,000	410,000	940,000	435,000
Chile—							
Bullion	2,000	25,000	126,000	(a)	(a)	(a)	(a)
Comombia—							
Bullion	34,200	29,400	16,700	120,000	200,000	485,000	610,000
Uruguay—							
Bullion	10,400	13,000	7,500	(a)	(a)	(a)	(a)
Venezuela—							
Bullion	4,000	2,600	4,000	13,000	5,000	100	(a)
China—							
Bullion	—	250	—	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Value of ores ; silver content not known.

(d) U.S. Bureau of Mines.

IMPORTS OF SILVER (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
French Indo-China—							
Bullion, etc.	80,000	} (a)	(a)	(a)	(a)	(a)	(a)
Beaten, rolled or drawn	700						
Iran (b)—							
Bullion	—	—	—	—	3,000	4,000,000	(a)
Iraq—							
Bullion, etc.	340	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies—							
Bullion and scrap . . .	330,000	460,000	(a)	(a)	(a)	(a)	(a)
Siam—							
Bullion	1,122,000	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Bullion	77,500	49,000	120,000	53,000	190,000	160,000	400,000
Turkey—							
Bullion, etc.	3,500	630,000	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Years ended March 20 of year following. As recorded in trade returns but probably incomplete prior to 1943.

STRONTIUM MINERALS
PRODUCTION OF STRONTIUM MINERALS

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Celestite	4,596	3,761	3,697	(a)	2,247	—	—
Canada—							
Celestite	—	—	—	24	—	—	—
Australia—							
Celestite	—	—	—	72	32	—	—
FOREIGN COUNTRIES							
Tunis—							
Strontium minerals (Metal content) ..	(a)	128	187	90	20	—	—
Mexico—							
Strontianite and Celestite (c)	(a)	(a)	(a)	900	6,000	10,000	2,500
United States (b)—							
Celestite	(a)	(a)	(a)	4,218	3,608	6,755	2,683
Argentina—							
Celestite	—	—	—	4	—	—	—

Strontianite is also produced in Germany.

(a) Information not available.

(b) Shipments.

(c) Estimated.

EXPORTS OF STRONTIUM MINERALS, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
France—							
Strontium compounds ..	14	24	146	75	20	20	14
Germany (b)—							
Strontianite and witherite	358	294	60	30	146	77	(c) 62
Strontium compounds ..	66	70	4	10	15	103	(c) 3
United States—							
Strontium nitrate ..	(a)	(a)	(a)	(a)	302	243	248
Other compounds ..	(a)	(a)	(a)	(a)	43	75	31

(a) Information not available.

(b) Celestite recorded with barytes.

(c) January to July only.

IMPORTS OF STRONTIUM MINERALS, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Czecho-Slovakia— Strontium nitrate ..	1	(a)	(a)	(a)	(a)	(a)	(a)
France— Strontium compounds ..	39	42	2	1	1	5	6
Italy— Strontium compounds ..	8	(b) 5	(a)	(a)	(a)	(a)	(a)
United States— Strontianite and celestite	247	2,520	2,456	3,833	9,248	15,072	5,172
Strontium compounds ..	200	225	—	2	—	—	—
Chile— Strontium compounds ..	(1 cwt.)	(2 cwt.)	(2 cwt.)	—	(10 cwt.)	(a)	(a)
Turkey— Strontium compounds ..	1	(11 cwt.)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to July only.

SULPHUR

PRODUCTION OF SULPHUR*

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944	Estimated Sulphur Content					
								1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE													
United Kingdom—	146,200	157,000	162,773	150,015	153,302	192,151	190,807	70,100	75,000	78,000	70,000	90,000	90,000
Spent oxide (b)	(c)	(a)	1,504	1,127	1,163	964	1,038	(e)	(a)	700	500	450	500
Canada—	(a)	(a)	(a)	(a)	(a)	(a)	(a)	54,362	} 86,454	95,888	99,013	105,416	112,781
Smelter gas (d)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	26,038		(a)	(a)	(a)	(a)	(a)
do. recovered as sulphur	—	—	—	4,520	12,841	30,141	12,245	—	—	1,308	3,264	—	—
India—	—	—	—	—	—	—	—	—	796	—	—	—	—
Sulphur rock	1,196	829	1,358	3,365	713	—	—	1,172	—	—	—	—	—
Palestine—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulphur	—	—	—	—	—	—	—	—	—	—	—	—	—
Australia—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulphur recovered from zinc concentrates ..	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	30,700	33,100	34,600	31,400	33,700
FOREIGN COUNTRIES													
France—	1,429	5,846	3,100	5,800	7,578	10,029	12,449	140	689	309	575	1,000	1,021
Sulphur rock	(a)	(a)	(a)	(a)	(a)	(a)	(a)	50,000	(a)	(a)	(a)	(a)	(a)
Germany (estimated)—	(a)	(a)	(a)	(a)	(a)	(a)	(a)	20,000	(a)	(a)	(a)	(a)	(a)
Recovered from coke ovens	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Other by-product sulphur	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Greece—	539	(a)	(a)	(a)	(a)	(a)	(a)	108	(a)	(a)	(a)	(a)	(a)
Sulphur rock	75	(a)	(a)	(a)	(a)	(a)	(a)	74	(a)	(a)	(a)	(a)	(a)
Refined sulphur	—	(a)	(a)	(a)	(a)	(a)	(a)	—	(a)	(a)	(a)	(a)	(a)
Italy—	2,326,562	(a)	(a)	(a)	(a)	(a)	(a)	390,000	(a)	(a)	(a)	(a)	(a)
Sulphur rock	—	—	—	—	—	—	—	—	—	—	—	—	—
Crude sulphur (c)—	374,338	350,208	325,473	294,288	223,400	—	—	(a)	(a)	(a)	(a)	(a)	(a)
Fused	16,545	19,568	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Norway—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulphur recovered from pyrites	109,095	89,264	75,658	77,427	77,424	90,361	65,615	109,051	89,228	75,628	77,396	90,316	65,582

* See also Pyrites (page 292).

(a) Information not available.

(c) Derived from sulphur rock above.

(e) Included with United Kingdom.

(b) Consumed by the sulphuric acid industry.

(d) Estimated sulphur content of gas used in acid making.

(f) Estimated.

PRODUCTION OF SULPHUR (Cont.)

Producing Country and Description	Estimated Sulphur Content																			
	1938	1939	1940	1941	1942	1943	1944	1944	1943	1942	1941	1940	1939	1938						
FOREIGN COUNTRIES (Cont.)																				
Portugal—																				
Sulphur recovered from pyrites	11,356	11,221	11,039	11,161	11,846	10,885	11,536						11,242	11,109	10,929	11,139	11,822	10,863	11,479	
Spain—																				
Sulphur rock	8,202	31,402	29,679	51,917	32,563	41,184	46,515							1,600	6,000	10,000	6,500	8,000	9,500	
Refined sulphur	26,153	37,458	51,580	37,354	45,769	42,096	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Sweden—																				
Sulphur	17,512	20,247	17,874	8,917	8,821	14,599	16,502							(a)	(a)	(a)	(a)	(a)	(a)	
Egypt—																				
Sulphur	—	—	—	—	128	201	846							—	—	—	126	197	830	
United States—																				
Crude sulphur	2,393,408	2,090,979	2,732,088	3,139,253	3,460,686	2,538,786	3,218,158							(a)	(a)	(a)	(a)	(a)	(a)	
Smelter gas (b)	(a)	(a)	(a)	(a)	(a)	(a)	(a)							155,000	162,000	180,000	190,000	210,000	284,000	
By-product sulphur (c)	(a)	(a)	(a)	(a)	(a)	(a)	(a)							3,674	3,942	5,493	5,125	5,101	19,096	
Argentina—																				
Refined sulphur	—	—	—	367	2,148	10,649	11,092							—	—	250	2,137	10,543	(a)	
Bolivia (exports)—																				
Sulphur	1,632	2,126	4,065	2,463	3,627	7,078	6,049							(a)	(a)	(a)	(a)	(a)	(a)	
Ecuador—																				
Sulphur rock	56	123	(a)	(a)	(a)	60	13							(a)	(a)	(a)	(a)	(a)	(a)	
Guatemala—																				
Sulphur	15	12	11	(a)	10	10	—							(a)	(a)	(a)	(a)	(a)	(a)	
Chile—																				
Sulphur rock	(a)	4,939	6,132	(a)	(a)	(a)	(a)							(a)	(a)	(a)	(a)	(a)	(a)	
Refined sulphur	20,959	26,999	28,825	24,764	22,311	25,643	25,171							20,854	28,680	24,560	22,200	25,515	25,045	
Peru—																				
Sulphur	1,943	569	610	935	1,125	564	1,412							(a)	(a)	(a)	(a)	(a)	(a)	
Iran—																				
Sulphur (d)	1,500	1,500	1,500	1,500	1,500	1,500	1,500							(a)	(a)	(a)	(a)	(a)	(a)	
Japan—																				
Refined sulphur	223,032	196,462	188,308	193,755	165,537	149,836	75,339							(a)	(a)	(a)	(a)	(a)	(a)	
Netherlands East Indies—																				
Sulphur	15,985	17,293	16,908	(a)	(a)	(a)	(a)							15,969	17,276	16,891	(a)	(a)	(a)	
Turkey—																				
Refined sulphur	3,684	2,402	3,608	2,142	3,051	3,326	3,278							3,647	2,378	2,121	3,020	3,293	3,611	
Crude sulphur	148	162	(a)	(a)	(a)	(a)	(a)							(a)	(a)	(a)	(a)	(a)	(a)	

(a) Information not available.

(b) Estimated sulphur content of gas driven off in the smelting of zinc and copper concentrates.

(c) Sulphur produced in purification of manufactured fuel gases.

(d) Estimated.

Sulphur is also produced in U.S.S.R., Mexico, China, Formosa and Manchuria.

(b) Estimated sulphur content of gas driven off in the smelting of zinc and copper concentrates, chiefly used in acid making.

EXPORTS OF SULPHUR

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	1,605	2,018	889	52	529	141	87
Union of South Africa ..	1	1	1	5	13	273	11
Hong Kong (including re-exports)	818	545	221	(a)	(a)	(a)	(a)
Malayan Union (including re-exports)	17	27	16	(a)	(a)	(a)	(a)
Palestine	1,059	553	1,029	2,827	418	49	2
FOREIGN COUNTRIES							
Austria	5	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	6,701	5,592	(a)	626	390	50	376
Czecho-Slovakia	2	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Rock	1,833	168	82	—	10	4	(a)
Crude	1,081	542	2,066	1,175	5,608	—	(a)
Refined lump	2,266	2,462	4,378	2,065	1,364	—	(a)
Flowers of sulphur ..	5,356	6,566	9,267	7,139	5,613	—	(a)
Precipitated sulphur ..	2,323	3,107	2,202	615	873	1	(a)
Germany							
Sulphur, etc.	22,876	27,932	10,155	32,263	17,944	30,550	(e) 15,282
Italy (c)—							
Rock	3	—	—	—	—	—	—
Crude lump	193,856	130,572	d 190,000	(d) 160,000	(d) 120,000	(f) 50,000	(f) 50,000
Crude ground	3,766	962	—	—	—	—	—
Refined lump	11,574	3,430	—	—	—	—	—
Refined ground	15,849	7,637	—	—	—	—	—
Flowers of sulphur ..	2,297	2,022	—	—	—	—	—
Netherlands	4	2	—	—	—	—	—
Norway	75,420	82,423	71,991	76,360	55,857	80,038	58,510
Spain—							
Crude	(a)	(a)	5	5	—	—	—
Refined	(a)	(a)	274	—	—	—	—
Flowers of sulphur, etc.	(a)	(a)	999	981	2,002	3,035	1,488
Sweden	14	12	2,959	—	—	—	—
U.S.S.R.	(b) 20	(a)	(a)	(a)	(a)	(a)	(a)
Algeria—							
Rock	8,730	—	—	—	—	—	—
Refined and flowers of sulphur	108	(a)	(a)	(a)	(a)	(a)	(a)
Mexico	9	5	375	487	1,821	2,485	986
United States—							
Crude	579,107	627,819	746,468	729,464	568,249	657,393	653,686
Refined and flowers of sulphur	12,707	25,005	19,745	31,312	17,030	25,079	21,546
Argentina	25	54	16	27	282	11	—
Bolivia	1,632	2,126	4,065	2,463	3,627	7,078	6,049
Chile	5,793	7,494	27,650	21,414	15,052	16,511	6,397
Peru	1,944	571	616	935	876	295	610
Japan	30,747	27,511	17,019	16,437	18,058	17,183	7,140
Netherlands East Indies ..	3,532	2,468	3,082	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to November only.

(c) Figures for 1939 are for January to July only. Total for whole year is stated by U.S. Bureau of Mines to be 220,000 long tons.

(d) U.S. Bureau of Mines.

(e) January to July only.

(f) Estimated.

IMPORTS OF SULPHUR

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	130,845	159,844	216,955	293,598	124,993	268,874	197,231
Eire	445	345	453	75	136	83	199
Malta—							
Flowers of sulphur ..	(£1,102)	(a)	(a)	(a)	(a)	(a)	(a)
Mauritius	345	319	361	(a)	(a)	(a)	(a)
South West Africa..	151	40	65	56	62	43	34
Union of South Africa—							
Rock-sulphur	22,299	17,711	24,872	} 26,560	21,655	14,139	29,941
Flowers of sulphur ..	1,269	1,285	951				
British Guiana	1	9	(a)	(a)	(a)	(a)	(a)
Canada	83,658	135,908	192,498	210,063	226,894	195,113	210,674
Newfoundland (c) ..	(a)	(a)	(a)	(a)	(a)	(a)	10,047
British India (total imports)	22,964	31,071	43,414	36,678	14,239	18,720	21,712
Burma	2,423	3,282	859	(a)	(a)	(a)	(a)
Ceylon	1,056	993	(a)	(a)	(a)	(a)	(a)
Cyprus	290	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)	1,005	841	417	(a)	(a)	(a)	(a)
Malayan Union (total imports)	186	218	353	(a)	(a)	(a)	(a)
Palestine	146	220	708	892	277	1,921	4,447
Australia	141,853	91,514	103,770	60,066	30,177	17,965	38,182
Fiji	4	2	(a)	(a)	(a)	(a)	(a)
New Zealand	52,477	41,207	78,735	58,017	24,758	22,386	65,800
FOREIGN COUNTRIES							
Albania	78	(a)	(a)	(a)	(a)	(a)	(a)
Austria	7,132	(b) 1,655	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	12,684	13,223	(a)	11,436	10,681	7,966	1,951
Bulgaria	537	(a)	(a)	469	1,580	17	17
Czecho-Slovakia							
Crude and ground	7,857	} (a)	(a)	(a)	(a)	(a)	(a)
Flowers of sulphur ..	85						
Denmark	942	750	538	623	404	976	998
Estonia—							
Crude	4,200	} (a)	(a)	(a)	(a)	(a)	(a)
Refined	18						
Finland (total imports)	54,316	44,622	6,229	10,967	6,733	10,062	7,554
France—							
Rock	269,394	43,609	—	—	—	—	(a)
Crude	182,658	102,998	92,728	9,691	25,181	15,399	6,188
Refined lump	130	286	26	90	—	493	877
Flowers of Sulphur ..	189	81	—	—	—	—	—
Precipitated	208	236	—	19	226	212	118
Germany—							
Sulphur, etc.	101,958	64,921	134,243	145,794	99,731	71,223	(d) 43,195
Greece	18,092	20,093	—	(a)	(a)	(a)	(a)
Hungary	2,266	1,416	(a)	(a)	(a)	(a)	(a)
Iceland	1	1	1	—	—	—	—
Latvia—							
Crude	2,760	} (a)	(a)	(a)	(a)	(a)	(a)
Refined and flowers of sulphur	85						

(a) Information not available.

(b) January to March only.

(c) Year ended March 31 of year following.

(d) January to July only.

IMPORTS OF SULPHUR (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Lithuania—							
Refined	48	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands	2,104	2,957	1,399	1,441	894	318	(a)
Norway	6,549	9,480	5,372	125	74	104	82
Poland—							
Crude and refined	6,460	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Crude	3,354	2,269	4,000	(a)	(a)	(a)	2,500
Flowers of sulphur	67	824	4	2	1	—	6
Other sulphur	28	64	2	1	1	1	—
Roumania—							
Crude	1,539	2,960	2,033	}	(a)	(a)	(a)
Refined and flowers of sulphur	1,342	2,677	1,960				
Spain—							
Crude	(a)	(a)	492	598	868	—	—
Sweden	47,309	62,807	28,029	27,957	31,073	28,987	8,551
Switzerland—							
Crude and ground	3,980	9,417	7,182	10,670	3,209	7,015	1,010
Flowers of sulphur	430	519	455	729	498	88	—
U.S.S.R.	(b) 58	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Crude	931	1,661	}	(a)	(a)	(a)	(a)
Refined and flowers of sulphur	1,906	2,518					
Algeria—							
Rock	523	}	(a)	(a)	(a)	(a)	(a)
Crude	11,913						
Refined	938						
Flowers of sulphur	3,255						
Precipitated	1,717						
Angola	(a)	75	75	38	69	41	20
Belgian Congo	1,566	63	(a)	(a)	(a)	(a)	(a)
Egypt	2,252	2,216	3,045	1,845	2,124	(c) 106	2,425
Libya	8	(a)	(a)	(a)	(a)	(a)	(a)
Madagascar	56	(a)	111	118	(a)	—	59
Morocco (Spanish)	20	(a)	(a)	(a)	(a)	(a)	(a)
Mozambique	453	363	511	215	375	256	443
Tunis—							
Crude	8,695	(a)	(a)	14,225	10,321	592	(a)
Refined and flowers of sulphur	1,613	(a)	(a)	1,485	766	—	(a)
Costa Rica	18	18	(a)	(a)	(a)	(a)	(a)
Cuba (total imports)	87	47	180	59	100	74	611
Guatemala	122	(a)	(a)	(a)	(a)	(a)	(a)
Mexico	5,669	5,342	4,820	6,016	5,964	3,760	3,923
United States—							
Rock	51	35	—	—	—	—	—
Other sulphur	2,552	13,941	27,845	28,631	25,632	16,658	32
Argentina—							
Crude	22,066	27,436	27,538	21,466	26,641	35,965	26,482
Refined and flowers of sulphur	16	16	17	23	98	506	14
Brazil (total imports)	13,900	22,857	23,721	17,015	23,585	31,935	41,478
Chile	2	376	127	4	331	(a)	(a)
Colombia	231	341	250	513	502	804	489
Peru	124	479	415	63	51	122	249
Uruguay	2,190	4,353	4,664	(a)	(a)	6,294	3,325

(a) Information not available.

(b) January to November only.

(c) Excess of re-exports.

IMPORTS OF SULPHUR (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
China	2,368	4,842	4,049	(a)	(a)	(a)	(a)
French Indo-China	228	346	(a)	(a)	(a)	(a)	(a)
Iran (b)	4,905	12,321	1,976	2,254	1,337	4,714	(a)
Manchuria	8,416	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies	6,475	1,805	7,210	(c) 3,486	(a)	(a)	(a)
Philippine Islands	66	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon	156	223	190	94	257	88	299
Turkey— Refined and flowers of sulphur	2,498	1,192	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Total imports for years ended March 20 of year following that stated. Figures for 1938 are for the nine months ended March 20, 1939.

(c) January to October only.

TALC
PRODUCTION OF TALC
(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	—	—	—	—	66	107	2,784
Tanganyika Territory ..	37	5	6	—	—	—	—
Union of South Africa ..	1,529	442	1,729	2,420	1,954	5,260	2,830
Canada (sales)—							
Talc	9,690	11,736	13,541	16,224	13,838	10,678	12,129
Soapstone	(£1,700)	(£9,000)	(£16,800)	14,697	12,829	12,682	16,976
Newfoundland (g)	1,580	(a)	280	500	1,555	2,400	220
India	18,590	22,259	29,709	26,151	31,752	15,869	21,392
Australia	958	1,097	1,328	4,059	2,834	3,355	4,134
New Zealand	(a)	(a)	(a)	(a)	15	62	25
FOREIGN COUNTRIES							
Austria	(a)	(a)	(a)	(a)	(a)	(a)	44,036
Finland	409	(a)	(a)	(a)	(a)	(a)	(a)
France	57,625	(a)	(a)	(a)	49,358	47,540	26,300
Germany (Bavaria)	6,698	7,625	9,300	12,765	13,313	(a)	(a)
Greece	1,273	987	(a)	(a)	(a)	(a)	(a)
Italy	52,662	70,236	70,315	72,315	79,191	(a)	(a)
Norway	(a)	43,217	21,161	34,202	34,951	35,405	(a)
Roumania	2,220	2,581	(a)	(a)	(a)	(a)	(a)
Spain (c)	8,305	5,457	28,191	28,688	35,921	14,013	10,305
Sweden	6,690	7,081	7,449	5,150	6,056	5,251	5,425
Egypt	1,231	820	2,177	5,146	1,845	2,022	4,197
Morocco (French) (exports)	1,675	(a)	(a)	(a)	(a)	(a)	(a)
United States	(e) 189,978	(e) 226,764	(e) 251,228	370,129	(f) 360,537	(f) 389,508	(f) 373,418
Argentina	79	298	1,150	1,944	4,695	3,501	3,367
Brazil	1,113	1,406	1,500	(a)	2,040	(a)	(a)
Chile	(d) 1,156	(d) —	(d) 501	(d) 101	(d) 1	(a)	920
Uruguay	(d) 937	1,401	1,672	2,077	(d) 3,562	1,575	2,221
French Indo-China	—	394	300	365	256	354	520
Korea (g)	41,511	(a)	(a)	(a)	(a)	(a)	40,500
Manchuria (exports) ..	79,932	93,275	(a)	(a)	(a)	(a)	(a)

Talc is also produced in U.S.S.R. and China.

(a) Information not available.

(c) In addition the following amounts were produced in quarries :—

	Cubic metres			Cubic metres		
1938	(a)	1942 .. .. .	..	2,764
1939	2,047	1943 .. .. .	..	—
1940	1,965	1944 .. .. .	..	(a)
1941	—			

(d) Exports.

(e) Sales.

(f) Including pyrophyllite as follows :—1942—47,542 tons ; 1943—57,320 tons ; 1944—60,046 tons.

(g) Pyrophyllite.

EXPORTS OF TALC

(Domestic Produce)

(Long tons)

Exporting Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	102	80	199	110	99	49	24
Canada	6,207	6,415	9,135	17,331	14,335	10,147	10,643
Newfoundland (d) ..	978	—	300	229	(e) 693	(f) 1,151	(f) 354
FOREIGN COUNTRIES							
Austria	5,536	(b) 1,107	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.	147	466	(a)	53	23	—	—
Czecho-Slovakia	3,499	(a)	(a)	(a)	(a)	(a)	(a)
Finland	743	53	—	—	—	—	—
France	18,428	22,160	23,556	12,589	16,087	6,808	4,103
Germany	774	3,724	5,393	7,557	10,128	11,285	(c) 4,175
Italy	15,997	15,410	15,348	22,105	19,149	(a)	(a)
Norway	22,323	29,001	12,843	19,759	25,715	23,904	18,143
Egypt	512	718	1,504	3,126	11,250	1,449	1,617
Morocco (French) ..	1,675	(a)	(a)	(a)	(a)	(a)	(a)
United States	6,355	8,078	8,395	9,722	8,255	9,543	9,562
Chile	1,156	—	501	101	1	(a)	(a)
Uruguay	937	1,093	1,672	1,833	3,562	1,611	1,832
Japan	8,710	11,306	(a)	(a)	(a)	(a)	(a)
Manchuria	79,932	93,275	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) Years ended June 30 following that stated.

(e) Nine months ended March 31, 1943.

(f) Years ended March 31 following that stated.

IMPORTS OF TALC

(Less Re-exports)

(Long tons)

Importing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	23,476	31,494	28,260	18,920	13,164	10,294	8,267
Seychelles	6	(a)	(a)	(a)	(a)	(a)	(a)
Canada	2,364	2,851	3,319	4,290	4,858	5,759	5,441
British India	24	11	—	—	—	—	—
Burma	17	45	18	(a)	(a)	(a)	(a)
Cyprus	47	(a)	(a)	(a)	(a)	(a)	(a)
Australia	684	704	642	836	701	295	261
FOREIGN COUNTRIES							
Albania	19	(a)	(a)	(a)	(a)	(a)	(a)
Austria	190	(b) 15	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E. U.	3,700	4,959	(a)	4,935	5,794	2,056	363
Czecho-Slovakia	3,652	(a)	(a)	(a)	(a)	(a)	(a)
Denmark	1,988	3,214	1,608	2,235	2,759	3,238	2,553
Estonia	79	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports) ..	1,384	1,984	334	680	996	1,431	409
France	2,048	1,072	172	15	48	79	32
Germany	12,294	8,442	11,298	22,845	30,154	31,178	(c) 17,931
Latvia	195	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania	72	(a)	(a)	(a)	(a)	(a)	(a)
Poland	5,013	(a)	(a)	(a)	(a)	(a)	(a)
Portugal	(a)	(a)	(a)	(a)	377	255	166
Yugoslavia	534	508	(a)	(a)	(a)	(a)	(a)
Algeria	449	(a)	(a)	(a)	(a)	(a)	(a)
Belgian Congo	33	66	(a)	(a)	(a)	(a)	(a)
Egypt	1,084	959	893	—	(d) 11	—	(d) 189
Tunis	470	(a)	(a)	1,562	1,837	396	(a)
Mexico	225	366	286	359	(a)	(a)	(a)
United States	19,756	23,366	25,241	16,655	7,838	5,851	7,506
Argentina	663	647	5,156	3,388	4,267	1,723	273
Chile	46	80	117	51	31	(a)	(a)
Colombia	133	170	251	279	94	340	188
Peru	109	145	161	92	69	122	195
Venezuela	61	73	106	103	38	116	—
French Indo-China	102	109	(a)	(a)	(a)	(a)	(a)
Japan (total imports) ..	65,560	76,258	(a)	(a)	(a)	(a)	(a)
Philippine Islands	134	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon	84	59	• 107	—	93	63	63
Turkey	11	11	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) Excess of re-exports.

TANTALITE AND COLUMBITE
PRODUCTION OF TANTALITE AND COLUMBITE
(Lb. avoirdupois)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Nigeria—							
Tantalite	—	—	—	—	—	4,500	27,082
Columbite	1,187,000	965,000	887,000	945,000	1,937,600	1,796,000	4,603,536
Southern Rhodesia—							
Tantalite	15,900	10,260	16,000	36,000	28,000	14,000	12,000
South West Africa—							
Tantalite concentrates ..	4,861	4,166	22	228	40	2	2,000
Tin-tantalite	1,366	—	1,456	370	161	560	(a)
Uganda (exports)—							
Tantalite	} (b) 20,066	(b) 8,014	(b) 1,546	—	—	(b) 15,700	{ 2,800
Columbite .. ..				—	—			12,320
Bismutotantalite	—	—	—	—	—	—	6,720
Union of South Africa—							
Tantalite and columbite	1,302	954	186	—	—	2,440	6,312
Australia—							
Tantalite concentrates ..	45,000	18,500	14,200	—	1,900	27,400	24,200
FOREIGN COUNTRIES							
Belgian Congo—							
Tantalite and columbite concentrates	297,600	249,200	590,800	458,600	280,000	332,800	648,200
United States—							
Tantalite and columbite	36,189	340	—	250	200	15,182	10,412
Argentina—							
Tantalite and columbite	—	—	—	4,400	6,600	1,800	200
Brazil (exports)—							
Tantalite	56,165	53,508	59,781	119,915	251,000	399,000	443,129
Columbite	28,477	76,769	33,662	7,981	2,200	37,500	116,871

(a) Information not available.

(b) Tin-tantalite-columbite.

EXPORTS OF TANTALITE AND COLUMBITE

(Domestic Produce)

(Lb. avoirdupois)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944	
BRITISH EMPIRE								
United Kingdom— Tantalum	957	4	26	—	—	—	—	
Nigeria— Columbite	726,000	517,000	560,000	1,416,000	2,150,000	1,861,000	3,510,000	
South West Africa— Tantalite	3,920	4,144	—	—	—	1,210	—	
Tin-tantalite concentrates	560	—	—	—	—	2,200	2,200	
Uganda— Tantalite	} (d) 20,066	(d) 8,014	(d) 1,546	—	—	(d) 15,700	{ 2,800	
Columbite								12,320
Bismutotantalite								6,720
Australia (c)— Tantalite	37,760	35,840	31,808	—	29,568	—	3,472	
FOREIGN COUNTRIES								
Belgian Congo—	148,195	(a)	(b) 411,144	(b) 146,904	(b) 346,265	(b) 157,073	(b) 333,685	
Brazil— Tantalite	56,165	53,508	59,781	119,915	251,000	399,000	443,129	
Columbite	28,477	76,769	33,662	7,981	2,200	37,500	116,871	

(a) Information not available.

(b) Imports from Belgian Congo into the United States.

(c) Years ended June 30 of year stated.

(d) Tin-tantalite-columbite.

IMPORTS OF TANTALITE AND COLUMBITE

(Less Re-exports)

(Lb. avoirdupois)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom— Tantalum powder, sheet, etc.	759	(b) 5	88	103	161	233	15
FOREIGN COUNTRIES							
United States— Tantalite	} 686,847	{ 56,561	490,460	403,464	567,494	643,080	837,130
Columbite .. ..								109,132	595,220	1,440,455	1,762,355	2,382,050	3,684,530

(b) Excess of re-exports.

TIN
PRODUCTION OF TIN ORE

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	1,999	1,738	1,619	1,508	1,364	1,359	1,289
Nigeria	8,977	9,437	12,012	12,063	12,403	12,661	12,512
Northern Rhodesia	3	—	16	10	2	3	6
Southern Rhodesia	267	451	450	231	162	178	123
South West Africa	164	156	138	117	116	146	126
Swaziland	174	163	148	131	113	110	77
Tanganyika Territory	241	224	254	241	191	157	122
Uganda (exports)	399	354	330	306	283	296	281
Union of South Africa	558	480	593	516	510	519	504
Canada (smelter)	—	—	—	29	553	347	231
Burma	4,947	5,964	(b) 5,500	(b) 5,000	(e) 775	(e) 775	(e) 775
Malaya	43,361	53,290	85,100	(b) 78,000	(b) 16,000	(b) 27,000	(b) 8,000
Australia	3,329	3,067	3,501	3,494	2,931	2,635	2,547
TOTAL	64,400	75,300	110,000	102,000	35,000	46,000	27,000
FOREIGN COUNTRIES							
Germany (b)	300	300	300	300	500	1,000	1,000
Italy	271	247	286	212	182	(d) 82	—
Portugal	1,106	1,389	1,537	2,112	3,949	3,082	610
Spain	215	160	154	160	272	340	750
Egypt	—	—	—	2	14	14	9
Belgian Congo	9,669	8,147	11,800	15,700	15,800	17,025	16,858
Cameroon (French)	216	251	234	233	247	228	160
Morocco (French)	—	31	20	26	4	11	9
Mozambique	4	7	6	4	10	6	8
Mexico	249	289	345	212	364	425	317
United States	109	34	49	56	6	6	5
Argentina	1,886	1,647	1,461	1,095	714	793	986
Bolivia (exports)	25,371	27,215	37,940	42,050	38,291	41,523	38,809
Peru	103	47	72	47	22	82	—
China (smelter)	14,934	13,079	17,104	6,862	7,700	3,708	2,160
French Indo-China	1,599	1,467	1,472	1,295	1,030	653	357
Japan	2,073	1,473	1,760	2,177	1,900	1,107	374
Netherlands East Indies	27,296	27,755	43,886	(b) 51,000	(b) 8,000	(b) 14,000	(b) 6,400
Siam	14,704	15,638	(c) 17,447	(c) 15,247	7,833	5,840	3,296
TOTAL	99,500	99,000	136,000	138,000	87,000	90,000	73,000
WORLD'S TOTAL	164,000	174,000	246,000	240,000	122,000	136,000	100,000

NOTE.—In the case of countries for which assay figures are not published the metal content of the ores has been estimated on the following percentages—South West Africa 70, Uganda 70, Belgian Congo 70, Japan 70, Siam 72.

(a) Information not available.

(b) Estimated.

(c) Exports.

(d) January to June only.

(e) Average annual production during Japanese occupation.

SMELTER PRODUCTION OF TIN

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	36,200	(e) 42,000	(e) 43,000	(e) 40,000	37,279	31,573	28,589
Union of South Africa ..	12	86	52	137	534	862	1,150
Canada	—	—	—	29	553	347	231
Malaya	(b) 63,746	(b) 83,677	(b) 129,357	119,381	12,912	30,462	10,983
Australia	3,229	3,294	3,544	3,656	3,024	2,565	2,442
TOTAL	103,000	129,000	176,000	163,000	54,000	66,000	43,000
FOREIGN COUNTRIES							
Belgium (estimated) ..	6,800	(a)	(a)	(a)	(a)	(a)	(a)
Germany	2,600	2,200	489	424	965	1,174	1,020
Italy	271	247	286	212	182	(a)	(a)
Netherlands	26,375	14,430	1,158	—	—	—	—
Portugal	40	122	417	2,135	2,081	2,098	610
Norway	254	283	206	98	48	23	27
Spain	(a)	138	112	86	99	121	515
Belgian Congo (exports) ..	1,784	4,266	(a)	8,049	11,808	10,670	9,589
Mexico	(a)	91	116	149	319	395	286
United States	—	—	1,391	1,839	16,168	21,489	30,884
Argentina	1,093	1,080	881	768	709	552	640
China	14,934	13,079	17,104	6,862	7,700	3,708	2,160
French Indo-China ..	—	—	—	69	337	389	213
Japan	1,900	1,000	2,007	4,015	3,569	1,759	528
Netherlands East Indies (exports)	7,207	13,941	22,035	(f) 17,752	(a)	(a)	(a)
TOTAL	64,000	55,000	54,000	(e) 43,000	(e) 50,000	(e) 50,000	(e) 50,000
WORLD'S TOTAL ..	167,000	184,000	230,000	(e) 206,000	(e) 104,000	(e) 116,000	(e) 93,000

Secondary tin recovered in the United States (as metal, in alloys, and in chemical compounds) was as follows :—

	Long tons			
1938	21,080	1941	37,529	
1939	26,036	1942	33,900	
1940	29,663	1943	33,800	
		1944	29,100	

Secondary tin recovered in Italy was as follows :—

1938 478 long tons

(a) Information not available.

(b) Exports plus difference between " carry-over " at end and beginning of the year.

(c) Exports.

(d) January to September only.

(e) Estimated.

(f) January to October only.

EXPORTS OF TIN

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore and concentrates ..	6	106	6	—	—	—	—
Blocks, ingots, bars and slabs	12,281	18,523	13,687	6,562	10,164	12,251	3,147
Soft solder	1,958	2,160	3,479	1,856	1,503	257	470
Tin-foil	351	397	424	445	297	106	189
Nigeria—							
Ore	10,486	14,554	14,843	18,401	16,557	17,449	18,178
Southern Rhodesia—							
Ore	356	591	711	201	34	8	—
Blocks, ingots and bars	(a)	(a)	6	82	58	39	11
South West Africa—							
Ore	249	232	154	170	111	222	186
Tanganyika Territory—							
Ore and concentrates ..	368	311	353	335	265	218	170
Kenya and Uganda—							
Ore	511	498	470	426	397	411	388
Union of South Africa—							
Ore and concentrates ..	1,227	1,074	808	867	179	—	—
Bars, sheet, etc. ..	—	—	9	4	1	35	89
British India—							
Ore (c)	—	—	51	—	—	—	—
Blocks, ingots, bars, slabs and scrap	(b) 2,855	1,629	570	1,129	30	1	—
Burma—							
Ore and concentrates (c)	2,843	3,324	4,841	} (a)	(a)	(a)	(a)
Blocks, ingots, etc. ..	250	292	262				
Hong Kong (d)—							
Slab and ingot	6,330	7,031	3,963	(a)	(a)	(a)	(a)
Malaya—							
Ore	2,808	866	—	—	} (a)	(a)	(a)
Ingots	61,187	82,089	130,935	(e) 108,896			
Australia—							
Ore and concentrates (Sn content) (f)	196	314	404	36	23	1	2
Ingots	1,022	1,186	1,369	514	27	278	313
FOREIGN COUNTRIES							
Austria—							
Crude, scrap and alloys	144	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ore	2,229	1,855	(a)	—	—	—	—
Crude	8,331	6,427	(a)	44	15	2	1
Scrap	49	50	—	—	—	—	—
Sheets, wire, etc. ..	44	41	(a)	1	—	—	—
Czecho-Slovakia—							
Ingots, scrap and alloys	101	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Crude and scrap ..	224	216	13	28	16	31	1
France—							
Ore	61	110	8	—	—	—	(a)
Pigs, bars, etc.	243	226	215	65	520	174	35
do. (alloys)	370	644	242	44	68	601	(a)
Scrap	70	1	—	7	1	245	34
Sheets and wire ..	78	57	62	15	4	—	(a)

(a) Information not available.

(b) April to December only. Previously included tinned sheets and plates.

(c) Excluding tin-tungsten ore.

(d) Including re-exports.

(e) January to September only.

(f) Years ended June 30 of the year stated.

EXPORTS OF TIN (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Germany—							
Crude, scrap and alloys	241	30	273	677	1,692	1,259	(b) 184
Sheets and wire	9	7	2	1	6	33	(b) —
Tin-foil	31	46	3	7	5	2	(b) 3
Italy—							
Ingots, bars, scrap, sheets, alloys, etc.	31	(b) 40	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Ore	—	94	—	—	—	—	(a)
Blocks	24,949	14,050	2,239	308	22	4	(a)
Sheets, wire, etc. .. .	89	86	28	1	9	—	(a)
Norway—							
Ingots and bars .. .	62	63	55	18	1	69	—
Portugal—							
Ore	1,303	1,575	693	383	10	170	(a)
Bars	(a)	(a)	(a)	1,133	1,909	2,225	757
Sweden—							
Crude and scrap .. .	68	83	266	495	188	18	—
Switzerland—							
Pigs, bars, slabs, sheets, alloys, etc.	46	31	2	—	—	—	—
Tin-foil	79	22	8	—	1	—	—
Scrap	50	38	—	—	—	—	—
Yugoslavia—							
Crude	113	4	(a)	(a)	(a)	(a)	(a)
Algeria—							
Ore	139	} (a)	(a)	(a)	(a)	(a)	(a)
Ingots, scrap and alloys	60						
Belgian Congo—							
Ore	7,913	7,321	(a)	2,419	131	5,917	(a)
Ingots	1,784	4,266	(a)	8,049	11,808	10,670	9,589
Cameroon (French)—							
Ore	310	357	276	319	338	281	232
Morocco (French)—							
Ore	28	(a)	(a)	(a)	(a)	(a)	(a)
Mozambique—							
Ore	6	11	10	2	4	3	14
Mexico—							
Ores and concentrates (Sn content)	155	282	320	108	93	107	80
United States—							
Ingots, pigs, etc. .. .	} (a)	} (a)	} (a)	} (a)	244	398	405
Scrap					960	1,798	3,157
Tubes, sheets, foil .. .					88	46	22
Argentina—							
Ore	1,467	1,098	1,366	826	118	198	147
Slag and ashes	704	803	228	514	583	—	—
Ingots and bars	681	538	2	18	—	—	—
Bolivia—							
Ores, concentrates, etc. (Sn content)	25,371	27,215	37,940	42,050	38,291	40,523	38,809
Peru—							
Slag (Sn content) .. .	103	47	70	45	22	2	(a)
China—							
Ingots and slabs .. .	11,605	10,422	6,249	7,447	1,062	—	136
Tin-foil	17	17	—	(a)	(a)	(a)	(a)
French Indo-China—							
Ore	2,632	2,186	2,732	} 2,165	} 682	} 985	} (a)
Ingots and scrap .. .	2,287	1,957	1,200				

(a) Information not available.

(b) January to July only.

EXPORTS OF TIN (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Japan—							
Ore	875	} (a)	(a)	(a)	(a)	(a)	(a)
Tin-foil	14						
Netherlands East Indies—							
Ore	18,731	24,200	29,860	(b) 34,189	} (a)	(a)	(a)
Ingots	7,207	13,941	22,035	(b) 17,752			
Siam (including re-exports)—							
Ore (Sn content)	13,520	16,970	17,447	15,247	2,272	1,130	98

(a) Information not available.

(b) January to October only.

IMPORTS OF TIN

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore and concentrates ..	55,488	53,969	83,883	65,516	43,870	52,017	32,948
Blocks, ingots, bars and slabs	7,354	2,358	312	(c) 36	—	323	—
Soft solder	26	16	1	—	—	—	—
Tin-foil	1	3	—	—	—	—	—
Eire—							
Ingots, bars, slabs, etc.	37	46	73	42	8	13	10
Soft solder	190	228	180	114	49	83	67
Tin-foil	36	54	41	35	6	—	—
Kenya and Uganda—							
Ore	(c) 305	(c) 281	(c) 311	(c) 323	(c) 257	(c) 231	(c) 161
Bars, plates and sheets ..	(a)	(a)	(a)	101	72	24	51
Mauritius—							
Slabs, plates, sheets, etc.	(a)	99	103	111	77	22	143
Southern Rhodesia (b)—							
Blocks, ingots and bars	33	40	91	10	5	—	—
South West Africa—							
Bars, sheets, etc. ..	2	1	2	—	1	—	—
Union of South Africa—							
Ore	—	—	—	—	14	222	186
Blocks, ingots, bars, plates and sheets	453	642	623	664	377	2	—
Tin-foil	24	24	21	109	63	7	17
Canada—							
Blocks, pigs and bars ..	2,355	2,601	5,285	7,785	3,217	1,175	1,197
Tin-foil	9	17	15	1,009	151	370	726
Aden—							
Blocks, ingots, etc. ..	3	3	228	4	1	—	—
British India—							
Blocks, ingots, bars and slabs	2,651	3,537	2,321	4,567	532	(c) 233	—
Burma—							
Blocks, ingots, etc.	33	(c) 267	(c) 85	(a)	(a)	(a)	(a)
Ceylon—							
Ingots, slabs, etc. ..	28	36	(a)	(a)	(a)	(a)	(a)
Plates and sheets ..	2	5	(a)	(a)	(a)	(a)	(a)
Tin solder	19	17	(a)	(a)	(a)	(a)	(a)
Cyprus—							
Ingots and bars	9	(a)	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Slabs and ingots ..	6,739	5,056	942	(a)	(a)	(a)	(a)
Malaya (b)—							
Ore	27,765	41,624	62,352	} (a)	(a)	(a)	(a)
Ingots, etc.	1	1,001	1,485				
Palestine—							
Ingots and bars	23	73	163	81	158	4	57
Tin-foil	1	1	7	1	99	—	—
Australia—							
Ingots	90	53	10	300	—	—	—
New Zealand—							
Ingots, etc.	256	338	543	585	20	425	431

(a) Information not available.

(b) Total imports.

(c) Excess of re-exports.

IMPORTS OF TIN (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
Albania—							
Ingots, bars and sheets	14	(a)	(a)	(a)	(a)	(a)	(a)
Austria—							
Crude, scrap and alloys	815	(b) 137	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Ore	11,887	6,335	(a)	—	—	—	—
Crude	3,881	1,912	(a)	8	5	44	18
Scrap	13	8	(a)	—	—	—	—
Sheets, wire, etc. ..	96	64	(a)	1	2	—	—
Bulgaria—							
Crude, bars, sheets, scrap, etc. .. .	169	(a)	(a)	15	71	92	62
Czecho-Slovakia—							
Crude, scrap, and alloys	1,662	(a)	(a)	(a)	(a)	(a)	(a)
Denmark—							
Crude and scrap ..	791	1,236	523	124	82	85	57
Sheets, wire, etc. ..	3	17	15	1	4	4	2
Tin-foil	49	55	28	—	1	—	—
Estonia—							
Crude and scrap ..	39	(a)	(a)	(a)	(a)	(a)	(a)
Finland (total imports)—							
Ingots, bars and scrap ..	330	332	189	48	117	69	41
Tin solder	16	29	25	6	6	26	12
France—							
Ore	167	26	312	41	—	—	(a)
Pigs, bars, etc. .. .	9,250	7,938	11,907	985	144	208	1
do. (alloyed with antimony) .. .	21	6	7	3	1	1	—
Scrap	118	61	13	6	1	—	2
Sheets and wire .. .	36	15	59	—	2	4	1
Germany—							
Ore	6,045	3,030	775	47	494	259	(c) —
Crude, scrap and alloys	11,899	8,457	7,345	3,879	6,022	3,281	(c) 2,145
Sheets and wire .. .	10	7	23	—	—	—	(c) —
Tin-foil	1	2	9	6	11	1	(c) —
Greece	250	195	189	(a)	(a)	(a)	(a)
Hungary—							
Crude and scrap .. .	719	633	(a)	(a)	(a)	(a)	(a)
Foil	2	10	(a)	(a)	(a)	(a)	(a)
Italy—							
Ingots, bars, scrap and alloys .. .	4,413	(d) 3,600	(d) 3,700	(d) 1,400	(d) 1,700	(d) 1,600	(a)
Sheets, tubes, wire and alloys .. .	64						
Latvia—							
Ingots and scrap ..	95	(a)	(a)	(a)	(a)	(a)	(a)
Lithuania—							
Sheets and scrap ..	24	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Ore	38,210	17,679	245	—	—	—	(a)
Blocks	1,472	1,133	348	4	17	138	(a)
Sheets, wire, etc. ..	29	28	4	—	—	—	(a)
Norway—							
Crude	367	495	392	64	17	1	—
Bars, sheets, filings, etc.	11	86	175	—	1	9	3
Poland—							
Ingots, bars and sheets ..	1,819	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Sheets, wire, etc. ..	137	72	25	3	1	2	—

(a) Information not available.

(b) January to March only.

(c) January to July only.

(d) U.S. Bureau of Mines. 1943 figure is for January to June only.

IMPORTS OF TIN (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Roumania—							
Ingots, bars and scrap ..	323	283	386	} (a)	(a)	(a)	(a)
Sheets, plates, tubes, wire and foil	25	(a)	(a)				
Spain—							
Ore	(a)	(a)	45	—	—	—	—
Ingots and bars	(a)	(e) 716	977	705	50	120	1,264
Sweden—							
Crude	2,885	2,928	2,371	20	1	68	51
Switzerland—							
Pigs, bars and slabs ..	1,301	1,129	1,362	306	242	117	61
Sheets, wire, foil, etc. ..	10	13	12	—	1	—	—
U.S.S.R.—							
Blocks, pigs and scrap (b)	(c) 7,847	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Crude and scrap	350	476	} (a)	(a)	(a)	(a)	(a)
Bars, sheets, wire, foil, etc.	7	9					
Algeria—							
Crude, sheets and alloys, etc.	145	(a)	(a)	(a)	(a)	(a)	(a)
Egypt—							
Crude and scrap	487	332	528	509	681	93	358
Madagascar—							
Bars, sheets, etc.	28	(a)	34	15	(a)	3	(a)
Mozambique—							
Bars, sheets, etc.	5	4	4	7	5	2	3
Tunis—							
Pigs, bars and sheets ..	110	(a)	(a)	19	22	46	(a)
Cuba (total imports)—							
Ingots	75	55	69	127	25	47	48
Bars, sheets, etc.	150	67	78	199	62	55	45
Mexico—							
Ingots	56	62	16	64	(a)	(a)	(a)
United States—							
Ore (Sn content)	—	—	3,000	28,670	28,933	19,515	35,548
Blocks, pigs, bars, scrap, etc.	49,494	70,102	124,810	140,873	26,588	10,547	12,900
Argentina—							
Ingots and sheets	705	1,009	619	1,027	377	20	6
Brazil (total imports)—							
Ingots and bars	682	(a)	902	1,589	654	268	358
Colombia—							
Ingots, bars, sheets, etc.	20	35	41	57	6	41	(a)
Chile—							
Ingots	200	130	251	345	279	(a)	(a)
Bars and sheets	2	—	1	3	—	—	—
Peru—							
Bars, sheets, etc.	54	74	37	48	2	7	24
Uruguay—							
Ingots	162	100	211	(a)	(a)	55	76

(a) Information not available.

(b) Figures as per U.S.S.R. returns. The following amounts are recorded as exported to the U.S.S.R. by the undermentioned countries (long tons):—

	1938	1939	1940	1941	1942	1943	1944
United Kingdom	6,715	1,250	200	—	9,193	11,990	1,200
Belgium-Luxemburg E.U.	2,740	724	(a)	(a)	(a)	(a)	(a)
Netherlands	5,225	(a)	(a)	(a)	(a)	(a)	(a)

(c) January to September only.

(e) April to December only.

IMPORTS OF TIN (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Venezuela—							
Crude	49	40	44	50	22	23	(a)
China—							
Ingots and slabs	158	104	254	} (a)	(a)	(a)	(a)
Tin and lead foils	2	20	52				
French Indo-China—							
Ingots, scrap and alloys	2,735	2,106	} (a)	(a)	(a)	(a)	(a)
Sheets and wire	10	5					
Iran (total imports) (b)—							
Ingots, sheets and wire	122	77	194	269	706	25	(a)
Iraq—							
Crude, etc.	93	55	113	39	6	24	4
Sheets, wire, etc.	698	176	116	—	404	6	1
Japan—							
Ingots and slabs	8,607	7,838	10,696	5,393	3,753	22,098	9,235
Netherlands East Indies—							
Crude, sheets, tin-foil, etc.	196	140	76	(a)	(a)	(a)	(a)
Philippine Islands—							
Ingots	96	161	194	} (a)	(a)	(a)	(a)
Tin-foil	64	(a)	(a)				
Siam (total imports)—							
Crude	125	(a)	(a)	(a)	(a)	(a)	(a)
Syria and Lebanon—							
Ingots and sheets	14	14	81	17	4	6	13
Turkey—							
Ore	8	—	} (a)	(a)	(a)	(a)	(a)
Ingots, scrap, etc.	626	268					

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1938 are for nine months ended March 20, 1939.

TITANIUM MINERALS
PRODUCTION OF TITANIUM MINERALS

(Long tons)

Producing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Southern Rhodesia—							
Titanium ore	—	—	—	—	—	—	7
Canada (shipments)—							
Titanium ore	185	3,298	4,049	11,296	8,956	61,997	30,333
India—							
Ilmenite	252,220	237,835	263,152	129,040	49,188	37,440	100,794
Rutile	(a)	185	919	1,861	2,259	2,358	1,646
Malaya (exports)—							
Ilmenite ("Amang") ..	6,462	11,086	2,555	(e) 44	(a)	(a)	(a)
Australia—							
Ilmenite concentrates ..	—	—	—	298	565	2,744	3,902
Estimated content of all ilmenite-bearing concen- trates (b)	325	672	1,514	3,719	4,515	5,384	7,172
Rutile concentrates ..	8	2	2	—	—	319	2,027
Estimated content of all rutile-bearing concen- trates (c)	458	707	1,617	3,756	5,416	6,624	8,703
FOREIGN COUNTRIES							
Norway—							
Ilmenite	48,404	54,158	50,883	60,121	59,754	65,146	62,965
Rutile (d)	122	163	154	165	76	114	84
Portugal—							
Ilmenite	740	494	885	1,255	—	—	—
Tin-titanium ore	5	291	10	—	1,768	1,174	99
Cameroon (French)—							
Rutile	116	157	390	1,770	2,360	2,692	3,270
Egypt—							
Ilmenite	89	—	458	1	654	—	—
Senegal—							
Ilmenite	8,303	4,201	6,946	983	4,557	653	—
United States—							
Ilmenite	(a)	13,038	18,454	20,801	68,936	181,742	248,759
Rutile	(a)	(a)	2,579	2,795	2,364	3,560	6,180
Brazil (exports)—							
Ilmenite	312	10	12	4,400	(a)	(a)	4,921
Rutile	211	481	491	2,332	4,542	4,485	1,539

(a) Information not available.

(b) Includes Ilmenite concentrates shown above.

(c) Includes Rutile concentrates shown above.

(d) Ore and concentrates.

(e) January to September only.

EXPORTS OF TITANIUM MINERALS, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Malaya—							
Ilmenite ("Amang") ..	6,462	11,086	2,555	(c) 44	(a)	(a)	(a)
India (Travancore)—							
Ilmenite	187,998	166,237	151,772	124,589	12,111	2,175	3,192
FOREIGN COUNTRIES							
Czecho-Slovakia—							
Titanium white	80	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Titanium oxide, etc. ..	459	418	72	12	24	—	(a)
Italy—							
Titanium white	62	(a)	(a)	(a)	(a)	(a)	(a)
Norway—							
Ilmenite	54,656	(b)	(b)	(b)	(b)	(b)	(b)
Rutile	66	101	91	89	69	104	83
Titanium white	1,634	2,008	657	368	358	631	564
Portugal—							
Ore	(a) •	(a)	(a)	(a)	(a)	916	618
Cameroon (French)—							
Rutile	180	157	495	1,377	2,119	2,707	2,857
French West Africa (Senegal)—							
Ilmenite	7,354	1,123	7,102	516	2,550	(a)	(a)
United States—							
Ores	(a)	(a)	(a)	(a)	552	514	260
Ferro-titanium, etc. ..	(a)	(a)	(a)	(a)	377	672	707
Titanium oxide and pig- ments	1,830	3,856	4,430	6,982	7,920	8,719	9,754
Titanium compounds ..	(a)	(a)	(a)	(a)	22	650	335
Brazil—							
Ilmenite	312	10	12	4,400	(a)	(a)	4,921
Rutile	211	481	491	2,332	4,542	4,485	1,539

(a) Information not available.

(b) Not recorded separately after 1938 but exports of "Other ores" which were probably mainly ilmenite were as follows:—

	Long tons
1939	64,759
1940	51,482
1941	55,573
1942	61,642
1943	63,157
1944	64,590

(c) January to September only.

IMPORTS OF TITANIUM MINERALS, ETC.*

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Titanium ores	16,784	33,115	12,224	14,117	34,542	15,561	21,012
FOREIGN COUNTRIES							
Austria—							
Titanium white	69	(a)	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia—							
Titanium white	113	(a)	(a)	(a)	(a)	(a)	(a)
France—							
Titanium oxide, etc. ..	964	631	147	585	789	843	299
Iceland—							
Titanium white	19	20	13	21	44	74	20
Italy—							
Ferro-titanium	20	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Titanium oxide	413	635	516	776	286	305	(a)
Titanium white	199	411	194	145	173	104	(a)
Poland—							
Titanium white	230	(a)	(a)	(a)	(a)	(a)	(a)
Portugal—							
Ore	(a)	(a)	(a)	(a)	5	10	(a)
Mexico—							
Titanium oxide	41	80	51	99	—	—	(a)
United States—							
Ilmenite (b)	209,174	255,872	197,894	148,970	6,453	66,774	93,647
Rutile (b)	206	394	139	2,780	5,735	8,602	3,304
Titanium Compounds	—	2	1	—	—	—	—

* Imports of ilmenite are generally not separately recorded in Customs Returns.

(a) Information not available.

(b) As recorded in the official trade returns. In addition the U.S. Bureau of Mines record the following amounts of Ilmenite and Rutile contained in "zirconium ores" imported from Australia (long tons):—

	Ilmenite	Rutile
1938	(a)	(a)
1939	449	308
1940	2,009	1,793
1941	3,431	2,837
1942	2,839	3,662
1943	2,952	4,199
1944	3,629	5,643

TUNGSTEN
PRODUCTION OF TUNGSTEN ORE AND CONCENTRATES
(Long tons)

343

Producing Country	Estimated WO ₃ Content													
	1938	1939	1940	1941	1942	1943	1944	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE														
Great Britain— Concentrates	218	155	200	128	171	207	356	152	111	119	75	118	140	207
Nigeria— Concentrates	44	240	98	22	90	68	28	29	156	64	14	59	44	18
South West Africa— Wolfram	36	34	18	101	90	132	85	25	24	13	71	63	92	60
Scheelite	8	8	3	—	4	15	14	5	5	2	—	3	10	10
Southern Rhodesia— Concentrates	300	245	223	240	458	733	688	195	159	145	156	298	606	416
Tunganyika Territory— Tungsten ore	3	—	2	1	2	3	—	2	—	1	1	1	2	—
Uganda— Wolfram	1	1	(a)	(a)	(a)	29	80	1	1	(a)	(a)	(a)	20	54
Union of South Africa— Concentrates	110	85	88	123	344	375	574	75	58	60	83	236	252	375
Canada (b)— Concentrates	—	4	5	37	233	673	396	—	3	4	19	144	365	126
Burma— Tungsten concentrates ..	3,848	4,342	4,172	(a)	(e) 743	(e) 743	(e) 743	2,500	2,800	2,800	(a)	475	475	475
Tin-wolfram concentrates	4,704	5,593	6,192	(a)	(e) 1,109	(e) 1,109	(e) 1,109	1,510	1,820	1,980	(a)	320	320	320
India— Concentrates	10	(a)	40	70	79	78	30	6	(a)	24	42	47	47	18
Malaya— Wolfram	318	340	410	(c) 34	35	70	99	207	222	268	(c) 24	25	50	70
Scheelite	573	174	56	(c) 13	16	52	83	412	125	40	(c) 9	11	36	58
Australia— Wolfram (d)	979	726	683	722	564	626	563	661	490	461	487	381	423	380
Scheelite	40	191	303	268	230	225	92	27	128	206	182	155	152	62
New Zealand— Scheelite	46	41	74	67	67	110	136	30	27	51	46	46	75	94

(a) Information not available.

(b) Shipments (chiefly scheelite).

(c) January to September only.

(d) Includes some mixed wolfram-scheelite concentrates.

(e) Average annual production during the Japanese occupation.

PRODUCTION OF TUNGSTEN ORE AND CONCENTRATES (Contd.)

Producing Country	Estimated WO ₃ Content													
	1938	1939	1940	1941	1942	1943	1944							
FOREIGN COUNTRIES														
France— Concentrates	21	192	88	98	79	103	71	10	133	65	56	44	59	39
Italy— Concentrates	7	(a)	(a)	(a)	(a)	(a)	(a)	3	(a)	(a)	(a)	(a)	(a)	(a)
Norway— Wolfram	17	28	9	8	6	—	5	11	19	6	5	4	—	3
Portugal— Scheelite	2	(c) 10	6	96	11	4	82	1	7	3	48	6	2	41
Wolfram	2,626	2,932	3,709	5,964	4,049	5,582	3,058	1,788	2,021	2,596	3,876	2,632	3,404	1,529
Tin-tungsten ores	190	989	84	1,930	1,264	2,241	2,218	69	312	(a)	(a)	247	728	721
Spain— Concentrates	212	225	386	408	1,488	3,974	2,436	138	144	251	265	967	2,583	1,583
Sweden— Concentrates	195	175	216	298	373	380	468	134	118	108	170	198	216	240
Belgian Congo— Concentrates	—	—	54	103	266	240	365	—	—	35	67	173	156	237
Egypt— Concentrates	20	30	14	39	18	41	15	14	20	9	27	12	24	10
Morocco (French)— Concentrates	6	3	—	1	1	—	2	4	2	—	1	1	—	1
Mexico	69	107	101	90	(a)	(a)	(a)	45	70	65	60	(a)	(a)	(a)
United States— Concentrates	2,718	3,217	4,571	6,023	8,422	10,763	9,160	1,631	1,950	2,743	3,614	5,053	6,458	6,496
Argentina— Concentrates (b)	1,037	1,137	1,230	1,539	1,893	2,147	1,856	700	800	850	1,030	1,250	1,412	1,225
Bolivia (exports)— Concentrates	2,490	3,284	4,117	4,284	5,517	6,823	7,810	1,494	1,970	2,470	2,570	3,310	4,094	4,686
Brazil (exports)— Concentrates	2	7	9	31	—	1,149	1,958	1	4	5	18	—	746	1,312
Chile— Concentrates	3	—	—	1	(a)	(a)	3	2	—	—	1	(a)	(a)	2
Peru— Concentrates	157	157	278	358	396	770	620	100	102	180	200	218	426	375

Tungsten ores are also produced in U.S.S.R. and Japan.

(c) Sales.

(a) Information not available.

(b) Approximately 40% Scheelite and 60% Wolfram.

PRODUCTION OF TUNGSTEN ORE AND CONCENTRATES (Contd.)

Producing Country	Estimated WO ₃ Content						
	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
China (exports)— Concentrates	12,382	10,907	8,619	11,334	11,800	8,573	3,184
French Indo-China— Concentrates	(a)	482	354	(a)	(a)	(a)	(a)
Korea— Concentrates	2,584	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands East Indies— Concentrates	—	3	1	(a)	(a)	(a)	(a)
Siam— Concentrates	227	341	(a)	(a)	(a)	(a)	(a)
	8,100	7,100	5,600	7,400	7,700	5,600	2,100
	354	304	231	197	126	63	49
	1,550	(a)	(a)	(a)	(a)	(a)	(a)
	—	2	—	(a)	(a)	(a)	(a)
	147	222	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

EXPORTS OF TUNGSTEN, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Tungsten ore	376	543	510	83	—	—	—
Ferro-tungsten	517	461	488	1,248	154	14	16
Tungsten powder, wire, etc.	36	21	26	24	6	—	1
Kenya and Uganda—							
Tungsten ore	(a)	1	(a)	(a)	9	29	80
Nigeria—							
Tungsten ore	35	186	(a)	37	87	84	44
Southern Rhodesia—							
Tungsten ores	201	234	282	213	408	679	523
South West Africa—							
Tungsten ore	48	(a)	(a)	88	82	130	46
Tanganyika Territory—							
Tungsten ore	(a)	—	2	1	2	4	—
Union of South Africa—							
Tungsten ore	(a)	(a)	(a)	212	324	315	171
British India—							
Tungsten and tin-tung- sten ores	8	8	28	61	68	—	—
Burma—							
Tungsten ore and concen- trates (b)	10,431	11,996	10,696	(a)	(a)	(a)	(a)
Hong Kong (c)—							
Tungsten ore	4,811	7,618	2,605	(a)	(a)	(a)	(a)
Malaya (c)—							
Wolfram	373	45	363	} (a)	(a)	(a)	(a)
Scheelite	282	217	427				
Australia—							
Wolfram	1,057	754	711	550	315	72	579
New Zealand—							
Scheelite	49	38	90	65	69	105	119
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Tungsten ore	996	775	(a)	3	—	—	—
Czecho-Slovakia—							
Tungsten ore	3	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Ferro-tungsten	50	—	—	1	—	—	—
Norway—							
Tungsten ore	17	9	22	9	8	6	—
Portugal—							
Tungsten ore	2,411	3,030	3,388	5,152	4,726	6,564	2,646
Spain—							
Tungsten ore	(a)	(a)	554	154	156	1,374	2,462
Sweden—							
Ore	(a)	(a)	38	31	11	12	—
Ferro-tungsten	1,510	1,021	66	32	4	5	—
Mexico—							
Tungsten ore and concen- trates (WO ₃ content) ..	69	110	101	90	91	210	157
United States—							
Ore	(a)	(a)	(a)	(a)	7	1	—
Ferro-tungsten	(a)	(a)	(a)	(a)	119	461	1,051
Tungsten metal, wire and alloys	114	87	106	87	140	105	140

(a) Information not available.

(b) Including tin-tungsten concentrates.

(c) Including re-exports.

EXPORTS OF TUNGSTEN, ETC. (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Argentina—							
Tungsten ore	1,023	1,168	1,197	1,564	1,610	2,216	1,705
Bolivia—							
Tungsten ore (WO ₃ content)	1,494	1,970	2,470	2,570	3,310	4,090	4,690
Brazil—							
Tungsten ore	2	7	9	31	—	1,149	1,958
Peru—							
Tungsten ore and concen- trates (WO ₃ content) ..	100	97	177	199	219	426	345
China—							
Tungsten ore	12,163	10,520	2,828	9,951	271	—	1,088
French Indo-China—							
Tungsten ore	465	493	448	160	64	94	(a)
Korea—							
Tungsten ore	1,830	(a)	(a)	(a)	(a)	(a)	(a)
Siam (including re-exports)—							
Tungsten ore	231	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF TUNGSTEN, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Tungsten ore	6,779	7,573	12,739	12,487	7,526	6,637	6,199
Tungsten powder, wire, etc.	3	7	6	6	15	11	4
Canada—							
Tungsten ore	(a)	(a)	(a)	(a)	(c) 517	54	—
Ferro-tungsten	(a)	(a)	(a)	(a)	(c) 92	698	1
Hong Kong (d)—							
Tungsten ore	2,813	1,831	273	(a)	(a)	(a)	(a)
Malaya (d)—							
Wolfram	45	76	18	}	(a)	(a)	(a)
Scheelite	1	1	—				
FOREIGN COUNTRIES							
Austria—							
Ferro-tungsten	351	(a)	(a)	(a)	(a)	(a)	(a)
Belgium-Luxemburg E.U.—							
Tungsten ore	756	501	(a)	(a)	(a)	(a)	(a)
Finland (d)—							
Tungsten ore	63	—	(a)	(a)	(a)	(a)	(a)
Germany—							
Tungsten ore	13,976	8,233	1,401	2,772	3,064	1,869	(e) 45
Italy—							
Tungsten metal	7	}	(a)	(a)	(a)	(a)	(a)
Ferro-tungsten	88						
Sweden—							
Tungsten ore	(a)	(a)	171	30	1	—	—
Ferro-tungsten	10	62	5	1	—	—	—
U.S.S.R.—							
Tungsten ore	(b) 2,045	(a)	(a)	(a)	(a)	(a)	(a)
United States (d)—							
Tungsten ore (WO ₃ content)	558	926	3,107	6,276	8,068	10,945	10,355
Tungsten metal (WO ₃ content)	13	18	21	16	2	(a)	(a)

(a) Information not available.

(b) January to September only.

(c) From May 15, 1942.

(d) Total imports.

(e) January to July only.

URANIUM MINERALS
PRODUCTION OF URANIUM MINERALS
(Cwt.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Canada	(b)	(b)	(b)	(a)	(a)	(a)	(a)
FOREIGN COUNTRIES							
Portugal (U_3O_8) (c) ..	(a)	197	(a)	(a)	(a)	(a)	(a)
United States (U_3O_8) ..	544	624	(a)	(a)	(a)	(a)	(a)

Uranium minerals are also produced in Czecho-Slovakia, U.S.S.R. and the Belgian Congo.

(a) Information not available.

(b) The production of radium and uranium products was valued at :—

1938	£212,600
1939	£242,800
1940	£91,200

(c) The content of radium in salts was 1,668 mgrams. in 1938; 1,062 mgrams. in 1939; 1,190 mgrams. in 1940; 1,920 mgrams. in 1941; 500 mgrams. in 1942; 975 mgrams. in 1943; 113 mgrams. in 1944.

EXPORTS OF URANIUM MINERALS, ETC.

(Domestic Produce)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom— Radium compounds Grains	—	1	1	1	1	1	5
Canada— Radium and salts £	(a)	(a)	(a)	(a)	(a)	(a)	459,723
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.— Uranium oxide .. Cwt.	2,553	1,730	(a)	209	138	—	—
France— Uranium oxide, etc. Cwt.	(a)	(a)	6	—	—	—	—
Radium and radium products. Lb.	5,300	4,600	2,600	—	900	—	—
Portugal— Radium ore .. Lb.	(a)	(a)	(a)	(a)	675	2,853	212
Uranium ore .. Cwt.	(a)	(a)	(a)	(a)	1,187	(a)	(a)
Belgian Congo— Uranium minerals Cwt.	—	—	(b) 21,430	(a)	(b) 4,692	(a)	(a)
United States— Uranium ore, etc. Grams.	(a)	(a)	(a)	(a)	543	(a)	—
do. (compounds) Lb.	(a)	(a)	(a)	(a)	426	321	221
Radium metals Mgms.	(a)	(a)	(a)	(a)	155	82	—
do. (compounds (Ra content) Grams.	(a)	(a)	(a)	(a)	1,245	3,571	4,752

(a) Information not available.

(b) Imports from Belgian Congo into the United States.

IMPORTS OF URANIUM MINERALS, ETC.

(Less Re-exports)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Uranium minerals Cwt.	8	(b) 4	16	16	8	6	3
Radium compounds Grams	(b) 18	14	128	223	440	286	387
Canada—							
Radium £	4,578	3,449	4,971	1,594	269	4,143	453
FOREIGN COUNTRIES							
Belgium-Luxemburg E.U.—							
Uranium oxide .. Cwt.	—	20	(a)	6	2	—	—
France—							
Uranium oxide .. Cwt.	16	12	4	—	—	—	—
Other uranium salts do.	6	6	6	—	—	2	—
Radium and radium products Lb.	754	692	1,500	38	359	7,518	—
Egypt—							
Radium £	6,985	165	—	—	—	—	—
United States—							
Uranium ore .. Cwt.	—	—	21,430	(a)	4,833	(a)	(a)
Uranium oxide and salts Cwt.	3,363	12,851	2,145	3,460	3,370	1,887	93
Radium salts £	160,500	440,500	185,600	27,300	93,600	(c) 339,000	(c) 341,200

(a) Information not available.

(b) Excess of re-exports.

(c) The quantity imported amounted to 90,755 mgrams. and 101,290 mgrams. in 1943 and 1944 respectively.

VANADIUM
PRODUCTION OF VANADIUM ORES

(In terms of metal)

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Northern Rhodesia ..	368	378	362	336	382	420	251
South West Africa ..	549	507	421	433	368	568	379
FOREIGN COUNTRIES							
Morocco (French) ..	—	—	3	4	1	4	5
Argentina	—	14	1	6	—	—	—
Mexico	177	138	56	—	—	—	—
United States	720	886	966	1,122	1,982	2,494	1,575
Peru	813	560	1,132	976	1,000	867	510

EXPORTS OF VANADIUM

(Domestic Produce)

(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Northern Rhodesia— Oxide, fused	718	731	695	659	732	853	250
South West Africa Concentrates	4,513	4,677	3,396	2,613	3,606	3,143	624
FOREIGN COUNTRIES							
France— Oxide	1	—	1	6	—	—	—
Italy— Ferro-vanadium ..	1	(a)	(a)	(a)	(a)	(a)	(a)
Mexico (<i>V content of Ore</i>)	195	146	56	1	(a)	(a)	(a)
United States— Ore and concentrates (<i>V content</i>)	(a)	(a)	(a)	(a)	10 12 230 27 9	17 1 198 — 7	3 — 532 15 3
Metal, alloys and scrap Ferro-vanadium ..							
Vanadium oxide ..							
Other compounds ..							
Peru— Concentrates (<i>V content</i>)	813	1,000	1,197	1,002	995	834	507

(a) Information not available.

IMPORTS OF VANADIUM

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES							
France—							
Oxide	84	75	302	4	1	—	—
Italy—							
Ferro-vanadium ..	12	(a)	(a)	(a)	(a)	(a)	(a)
Sweden—							
Ore	(a)	(a)	(a)	1	8	46	9
United States—							
Ore	8,912	14,012	20,135	11,002	16,291	9,874	1,896
(V content)	618	953	1,151	956	1,082	917	574

Imports of vanadium ore, etc., into the United Kingdom are not separately recorded.

(a) Information not available.

ZINC
PRODUCTION OF ZINC ORE
(In terms of metal)
 (Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Great Britain	11,486	8,348	5,943	4,964	3,942	4,579	8,663
Northern Rhodesia	12,498	14,648	15,163	17,661	17,746	16,889	18,872
South West Africa (f)	—	10,487	1,392	—	—	—	—
Canada (shipments) (b)	179,234	187,712	212,149	261,474	314,161	324,457	286,815
Newfoundland	65,891	58,727	63,678	62,252	50,180	59,286	53,125
Burma (g) (m)	55,791	54,333	51,145	50,606	(h) 32,526	(a)	(a)
Australia	219,779	217,256	242,729	248,844	221,834	182,841	174,358
TOTAL	545,000	552,000	592,000	646,000	640,000	588,000	542,000
FOREIGN COUNTRIES							
Bulgaria	300	(a)	(a)	(a)	(a)	(a)	(a)
Belgium	(e) 3,000	(e) 3,000	(a)	(a)	(a)	(a)	(a)
Czecho-Slovakia	(e) 2,000	(k)	(k)	(k)	(k)	(k)	(k)
Finland	389	5,000	7,000	(a)	(a)	(a)	(a)
France	94	492	1,400	3,006	3,165	2,556	2,495
Germany (d)	217,000	231,000	238,000	236,000	231,000	261,000	250,000
Greece	8,586	(e) 5,000	(a)	(a)	(a)	(a)	(a)
Italy (i)	82,764	93,671	82,638	77,054	64,534	(j) 28,844	19,224
Norway	7,586	5,677	3,627	4,366	4,758	4,810	4,984
Poland	69,000	(a)	(k)	(k)	(k)	(k)	(a)
Portugal	5	—	—	—	—	—	—
Roumania	3,959	3,600	(a)	(a)	(a)	(a)	(a)
Spain (e)	38,000	40,000	39,000	37,000	35,000	36,000	30,000
Sweden	34,024	33,484	28,630	32,545	32,606	30,917	32,389
U.S.S.R. (e)	80,000	90,000	95,000	(a)	(a)	(a)	(a)
Yugoslavia	41,000	(a)	(a)	(a)	(a)	(a)	(a)
Algeria	4,496	3,916	3,906	1,959	3,209	2,933	995
Belgian Congo	4,074	6,250	10,900	14,900	8,600	20,000	15,300
French Equatorial Africa	1,200	1,200	1,000	950	1,100	700	500
French Morocco	3,124	2,825	2,352	753	790	514	1,150
Tunis	363	—	401	620	650	146	730
Mexico	169,498	132,047	113,139	152,548	186,874	194,086	215,507
United States (l)	461,338	521,256	593,811	668,861	685,737	664,461	641,645
Argentina	20,500	32,657	41,926	37,542	29,238	20,123	(a)
Bolivia (exports)	10,537	7,647	12,004	5,969	10,737	20,741	16,061

(a) Information not available.

(b) Content of all ores by assay. The amount estimated as recoverable was (long tons) :—

1938	170,315	1941	228,742
1939	176,131	1942	259,044
1940	189,299	1943	272,658
		1944	245,903

(c) *Metallgesellschaft* estimate.

(d) In addition zinc contained in pyrites produced was as follows (long tons) :—

1938	20,744	1941	53,125
1939	24,960	1942	48,988
1940	44,257	1943	54,959

(e) Estimated.

(f) Years ended March 31 of year following.

(g) Years ended June 30 of year stated.

(h) Nine months ended March 31, 1942.

(i) American Bureau of Metal Statistics.

(j) January to June only.

(k) Included with Germany.

(l) Recoverable.

(m) Content of ores by assay. The amount recovered was (long tons) :—

1938	38,342	1941	29,556
1939	35,506	1942 (h)	18,341
1940	30,607		

PRODUCTION OF ZINC ORE (Cont.)

Producing Country	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Peru (c)	14,346	20,876	17,396	22,450	24,062	33,739	56,207
China (estimated)	1,000	250	(a)	(a)	(a)	(a)	(a)
French Indo-China	5,080	5,774	6,800	7,500	6,063	4,830	1,383
Japan	(b) 22,000	(a)	43,081	52,088	83,524	91,833	74,672
Saudi Arabia	—	4	13	8	10	(a)	(a)
Turkey	13,400	10,400	(a)	(a)	(a)	(a)	(a)
TOTAL	1,320,000	1,370,000	1,380,000	1,460,000	1,520,000	1,520,000	1,480,000
WORLD'S TOTAL	1,870,000	1,920,000	1,970,000	2,110,000	2,160,000	2,110,000	2,030,000

(a) Information not available.

(b) *Metallgesellschaft* estimate.

(c) Recoverable.

METAL PRODUCTION OF ZINC

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom ..	55,000	50,977	59,078	67,242	71,293	69,235	72,035
Northern Rhodesia ..	10,215	12,695	13,190	13,545	12,840	13,405	14,480
Canada	153,511	156,822	165,823	190,721	192,674	184,384	150,463
Australia	69,820	71,220	75,957	77,698	74,282	75,756	78,716
TOTAL	289,000	292,000	314,000	349,000	351,000	343,000	316,000
FOREIGN COUNTRIES							
Belgium	207,077	183,082	75,213	46,474	36,238	43,079	12,214
Czecho-Slovakia ..	8,736	(d)	(d)	(d)	(d)	(d)	(d)
France	60,000	59,601	37,086	25,509	22,468	21,151	8,654
Germany	191,263	200,561	202,366	204,846	199,445	201,864	159,720
Italy	33,103	(g) 34,839	(g) 38,716	(g) 38,187	(g) 31,053	(a)	(a)
Netherlands	24,900	20,210	(g) 4,970	(g) 3,659	(g) 5,071	(g) 4,493	(g) 2,072
Norway	45,788	45,192	16,957	6,362	7,571	15,133	11,591
Poland	106,364	116,073	110,241	110,795	109,088	107,269	96,261
Spain	7,551	13,184	12,127	18,840	18,848	18,897	17,769
Sweden	—	—	—	—	—	—	1,762
U.S.S.R. (e)	80,000	90,000	95,000	(a)	(a)	(a)	(a)
Yugoslavia	4,566	4,111	5,931	(a)	(a)	(a)	(a)
Mexico	36,910	35,051	33,095	32,393	50,926	53,589	48,470
United States (c) (f)	398,519	452,889	602,924	733,946	796,314	841,347	776,163
Argentina	—	—	—	—	404	648	—
French Indo-China	4,399	5,353	5,900	6,151	5,406	4,072	612
Japan	53,347	50,447	58,760	60,127	57,279	61,296	60,233
TOTAL	1,260,000	1,310,000	1,290,000	1,390,000	1,440,000	1,470,000	1,200,000
WORLD'S TOTAL ..	1,550,000	1,600,000	1,610,000	1,740,000	1,790,000	1,810,000	1,520,000

(a) Information not available.

(c) The production by grades (including redistilled secondary) was as follows (long tons):—

	1938	1939	1940	1941	1942	1943	1944
A—High grade—Special	125,229	144,951	174,213	181,277	206,627	261,757	224,295
Ordinary								88,339	158,438	223,662	271,199	224,638
B—Intermediate grade	51,900	59,456	58,322	66,783	69,221	55,982	49,936
C and D—Brass special	65,825	77,030	72,037	66,043	76,943	73,279	48,568
Selected								4,600	23,929	18,254	21,782
E—Prime Western	183,791	216,477	253,688	309,933	243,429	203,925	250,727

(d) Included with Germany.

(e) Estimated.

(f) Secondary zinc recovered was as follows (long tons):—

	1938	1939	1940	1941	1942	1943	1944
	(a)	.. .. .	.. .. .	.. .. .	295,112
	169,321	.. .. .	.. .. .	.. .. .	329,007
	183,858	.. .. .	.. .. .	.. .. .	308,454
	253,542	.. .. .	.. .. .	.. .. .

(g) United States Bureau of Mines.

PRODUCTION OF ELECTROLYTIC ZINC

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Northern Rhodesia ..	7,126	7,828	7,446	7,598	8,669	11,595	8,026
Canada	153,511	156,822	165,823	190,721	192,674	184,384	150,463
Australia (Tasmania) ..	69,820	71,220	75,957	77,698	74,282	75,756	78,716
FOREIGN COUNTRIES							
Belgium	8,533	8,631	5,915	8,395	8,070	7,578	3,691
France	28,300	33,235	24,625	(a)	(a)	11,536	5,478
Germany	(b) 40,000	(a)	(a)	(a)	(a)	(a)	(a)
Italy	27,136	(a)	(a)	(a)	(a)	(a)	(a)
Norway	45,788	45,192	16,957	6,362	7,571	15,133	11,591
Poland	18,600	(a)	(a)	(a)	(a)	(a)	(a)
United States	83,279	113,443	167,000	200,279	225,881	294,555	283,383
Argentina	—	—	—	—	404	648	(a)
Japan (estimated) ..	36,000	34,000	40,000	40,000	38,000	40,000	40,000

(a) Information not available.

(b) Estimated.

PRODUCTION OF ZINC DUST

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
Canada (estimated) ..	100	100	100	100	100	100	100
FOREIGN COUNTRIES							
Belgium	7,795	(a)	(a)	(a)	(a)	(a)	(a)
Germany	7,179	12,702	14,419	11,967	7,319	8,890	8,402
Poland	5,542	(b)	(b)	(b)	(b)	(b)	(b)
Yugoslavia	675	729	(a)	(a)	(a)	(a)	(a)
United States	10,365	15,031	18,510	21,812	20,358	23,205	23,670
Japan (estimated) ..	4,000	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Included with Germany from September, 1939.

PRODUCTION OF ROLLED ZINC SHEETS, PLATES AND STRIPS

(Long tons)

Producing Country	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom	18,850	21,500	28,000	25,800	24,200	24,600	26,200
FOREIGN COUNTRIES							
Belgium	51,454	54,141	20,137	24,054	19,064	15,835	(a)
France	32,500	(a)	(a)	(a)	(a)	(a)	(a)
Germany	72,703	85,000	127,000	138,000	138,000	77,000	(a)
Poland	23,400	(c)	(c)	(c)	(c)	(c)	(a)
Spain	3,500	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia	900	(a)	(a)	(a)	(a)	(a)	(a)
United States (b) .. .	40,960	55,252	51,249	62,035	58,059	41,702	67,080

(a) Information not available.

(b) Excluding strip and ribbon zinc re-rolled from scrap originating in fabricating plants operated in connection with zinc rolling-mills, as follows:—

	Long tons		Long tons
1938	8,386	1942	13,965
1939	11,532	1943	11,437
1940	9,092	1944	19,246
1941	13,023		

(c) Included with Germany from September, 1939.

EXPORTS OF ZINC
(Domestic Produce)
(Long tons)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore	24,835	24,217	1,081	—	—	—	—
Spelter	4,217	4,064	628	508	74	1,304	121
Sheets, plates, etc. .. .	991	1,188	2,510	1,952	654	960	565
Oxide	14,444	15,137	15,493	7,821	1,921	1,044	1,250
Lithopone	6,968	5,743	6,573	14,743	6,193	7,720	6,406
Northern Rhodesia—							
Ingots	6,683	13,708	13,369	13,589	13,665	11,941	13,593
Southern Rhodesia—							
Bars, sheets, wire, etc. .. .	18	19	24	22	34	23	11
Union of South Africa—							
Bars, sheets, etc. .. .	85	—	—	1	—	—	462
Canada—							
Ore (<i>Zn content</i>) .. .	20,465	18,420	29,920	49,356	67,959	99,353	101,164
Spelter	118,046	139,281	149,172	125,970	135,856	115,460	85,701
Dross, scrap and ashes .. .	1,055	1,749	2,410	2,688	3,164	1,916	4,082
Newfoundland (b)—							
Concentrates	100,452	67,661	110,302	137,556	(d) 70,342	(c) 261,299	(e) 75,096
British India—							
Spelter, etc.	364	283	193	1	6	1	—
Burma—							
Concentrates (h) .. .	64,651	44,831	22,791	(a)	(a)	(a)	(a)
Cyprus—							
Ores, etc.	90	—	—	—	—	—	—
Hong Kong (f)—							
Sheets	840	315	225	(a)	(a)	(a)	(a)
Malaya (f)—							
Sheets	63	115	145	(a)	(a)	(a)	(a)
Australia—							
Ores and concentrates (<i>Zn content</i>) (g) .. .	119,399	134,017	95,630	108,586	34,515	112,065	130,661
Dust (& Australian) .. .	(£633)	(£669)	(£659)	(£367)	(£583)	(£469)	(£1,178)
Bars, rods, sheets, etc. .. .	41,689	40,518	33,887	31,823	15,073	38,524	60,502
FOREIGN COUNTRIES							
Austria (c)—							
Ore	1,245	113	} (a)	} (a)	} (a)	} (a)	} (a)
Spelter, scrap and alloys)	92	3					
Sheets, bars, etc. .. .	27	7					
Zinc-white and zinc-grey	10	—					
Belgium-Luxemburg E.U.—							
Ore	73,830	30,486	(a)	3,897	—	30	104
Spelter	127,799	115,253	(a)	18,823	32,407	38,656	10,793
Scrap	2,287	1,749	—	—	—	—	—
Sheets, tubes and wire .. .	37,044	35,652	(a)	3,442	528	1,600	760
Dust	5,646	5,621	(a)	160	331	69	39
Oxide	5,456	5,117	(a)	349	196	780	633
Lithopone	16,335	17,252	(a)	1,192	108	823	—
Czecho-Slovakia—							
Spelter, scrap and alloys	1,640	} (a)	} (a)	} (a)	} (a)	} (a)	} (a)
Sheets and plates .. .	398						
Zinc-white and zinc-grey	126						
Lithopone	653						

(a) Information not available.

(b) Years ended June 30 following that stated.

(c) Figures for 1939 are for January to March only.

(d) Nine months ended March 31, 1943.

(e) Years ended March 31 following that stated.

(f) Including re-exports.

(g) Years ended June 30 of year stated.

(h) Recorded as "Spelter" in trade returns.

EXPORTS OF ZINC (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Denmark—							
Spelter and scrap ..	1,246	1,656	312	2,801	1,735	1,579	1,239
Estonia—							
Spelter, dust and scrap	16	(a)	(a)	(a)	(a)	(a)	(a)
Finland—							
Concentrates	(a)	(a)	(a)	(a)	(a)	7,147	3,947
Spelter and scrap ..	(a)	239	(a)	14	8	1	4
France—							
Ore	37,754	15,051	5,340	—	2,980	23	—
Spelter, bars and scrap	4,404	2,986	1,015	2,521	1,237	3,321	—
Sheets	2,067	3,082	920	267	506	182	—
Oxide	2,007	2,506	1,794	465	138	1	—
Lithopone, etc. .. .	452	594	701	203	93	—	—
Germany—							
Ore	46,306	41,797	535	—	3,706	1,964	(b) —
Spelter, dust, scrap and alloys	6,781	12,382	25,283	35,990	30,719	35,738	(b) 16,324
Sheets and wire .. .	5,980	8,062	11,200	21,169	18,492	13,636	(b) 6,874
Zinc-white and zinc-grey and lithopone ..	33,230	42,370	21,429	29,106	34,530	35,326	(b) 15,902
Greece—							
Ore	12,458	5,384	3,799	(f) 5,000	(f) 1,000	(f) 1,000	(f) 2,000
Hungary—							
Sheets	46	—	(a)	(a)	(a)	(a)	(a)
Italy—							
Ore	75,914	78,474	72,457	77,624	67,654	(c) 12,010	(a)
Spelter, scrap and alloyed	5	(b) 3	}	(a)	(a)	(a)	(a)
Sheets, wire and alloyed, etc.	34	(b) 41					
Oxide	117	(b) 59					
Lithopone	1,861	(b) 1,675					
Lithuania—							
Spelter	87	(a)	(a)	(a)	(a)	(a)	(a)
Netherlands—							
Ore	—	722	—	—	—	—	}
Spelter and scrap ..	15,653	16,656	1,792	1,394	3,941	2,870	
Sheets	3,330	1,641	104	6	488	493	
Oxide	17	—	—	—	—	—	
Norway—							
Ore	14,420	8,605	404	—	—	—	—
Electrolytic zinc ..	43,652	39,218	11,202	5,365	3,271	14,668	9,251
Bars, sheets, wire, etc. ..	—	2	1	5	—	—	—
Ashes and scrap .. .	327	1,180	86	124	146	101	280
Poland—							
Ores and slag	(d) 59,552	}	(a)	(a)	(a)	(a)	(a)
Spelter, dust and scrap	61,842						
Sheets, tubes and wire ..	6,136						
Zinc-white and lithopone	8,953						
Portugal—							
Bars	18	84	4	168	7	7	—
Roumania—							
Ore	11,318	12,705	3,289	(a)	(a)	(a)	(a)
Spain—							
Blende	(a)	(e) 34,525	14,741	53,702	29,422	26,241	14,117
Bars, scrap, sheets, wire, etc.	(a)	(a)	128	192	355	473	946

(a) Information not available.

(b) January to July only.

(c) January to June only.

(d) Includes tailings, etc., exported principally to Germany.

(e) April to December only.

(f) Imports into Germany from Greece.

EXPORTS OF ZINC, (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Sweden—							
Ore	66,507	56,099	36,354	44,742	71,695	58,448	42,364
Spelter and scrap	1,407	1,816	1,328	798	795	658	51
Zinc-white	2	—	7	—	—	—	—
Switzerland—							
Spelter and scrap	2,299	2,091	1,122	183	7	—	—
Zinc-white, etc.	2	2	3	24	28	1	1
Yugoslavia—							
Ore	69,597	48,378	} (a)	(a)	(a)	(a)	(a)
Spelter and dust	1,578	288					
Plates and sheets	1	244					
Algeria—							
Ore	8,195	7,150	16,890	7,123	} (a)	(a)	(a)
Spelter, plates and scrap	486	(a)	(a)	(a)			
Oxide	2	(a)	(a)	(a)			
Belgian Congo—							
Ore	6,820	10,653	(a)	15,138	15,045	21,082	(a)
Egypt—							
Spelter and scrap	1	9	—	—	—	—	—
French Equatorial Africa—							
Ore	2,800	—	—	—	—	—	—
Morocco (French)—							
Ore	7,052	5,635	—	896	(a)	(a)	(a)
Tunis (including re-exports)							
Ore	1,028	—	—	2,550	2,686	—	(a)
Mexico—							
Ores and concentrates	(b) 126,633	185,225	147,797	230,571	(a)	(a)	(a)
Spelter	29,711	25,485	35,383	25,696	(a)	(a)	(a)
Zn content (c)	—	122,352	114,226	146,717	175,062	185,408	196,013
Zinc oxide (metallurgical)	993	—	—	1,910	(a)	(a)	(a)
United States—							
Ore and dross	(b) 120	270	400	—	—	1	—
Spelter	} 5,121	4,031	70,617	79,741	119,587	87,000	19,265
Sheets, strips, etc.		5,731	6,299	4,170	3,464	1,756	3,039
Dust		2,011	2,530	2,718	2,590	1,582	5,231
Oxide	1,038	3,112	2,892	7,378	5,369	5,375	4,921
Lithopone	1,548	4,326	12,766	19,221	15,211	15,466	10,314
Argentina—							
Ore	4,396	3,896	17,957	47,611	56,743	77,354	33,121
Slag and ash	1,037	1,068	—	—	—	—	—
Spelter, bars and sheets	—	4	7	5	5	5	3
Bolivia—							
Ores (Zn content)	10,537	7,647	12,004	5,971	10,737	20,741	16,061
Colombia—							
Ore	2	(a)	(a)	(a)	(a)	(a)	(a)
Peru—							
Ores, etc. (Zn content)	14,336	16,418	18,215	23,234	25,064	25,987	31,902
Bars (Zn Content)	—	—	175	739	939	1,205	1,428
China—							
Ore	14	1	1	} (a)	(a)	(a)	(a)
Spelter	208	67	—				
French Indo-China—							
Spelter and scrap	4,546	3,914	} 5,167	5,390	3,300	2,608	—
Sheets	3	5					
Japan—							
Spelter	(a)	(a)	—	—	3,919	5,474	—
Oxide	586	683	} (a)	(a)	(a)	(a)	(a)
Lithopone	663	301					
Korea—							
Ore	7,352	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) Zn content.

(c) Total metal content of above items and not additional.

EXPORTS OF ZINC (Cont.)

Exporting Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Turkey—							
Ore	25,609	20,200	} (a)	(a)	(a)	(a)	(a)
Spelter, scrap and alloys	46	—					

(a) Information not available.

IMPORTS OF ZINC

(Less Re-exports)

(Long tons)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
BRITISH EMPIRE							
United Kingdom—							
Ore and concentrates ..	156,586	176,042	219,093	210,471	142,716	97,124	179,033
Spelter	162,529	164,492	204,014	208,998	211,671	187,569	119,316
Sheets, plates, etc. ..	7,872	7,715	2,797	22	9	3	8
Oxide	497	280	36	29	5	4	—
Lithopone	14,905	11,786	1,829	2	—	—	—
Eire—							
Sheets and plates ..	557	879	587	176	145	167	123
Kenya and Uganda—							
Bars, plates and sheets ..	7	10	18	8	7	2	1
Southern Rhodesia—							
Sheets, dust, etc. ..	496	569	879	409	462	319	433
South West Africa—							
Spelter, sheets, etc. ..	6	4	4	1	—	—	—
Union of South Africa—							
Spelter	2,468	4,158	7,370	7,931	8,670	5,601	9,110
Sheets	1,763	1,859	1,329	167	121	26	23
Dust and shavings ..	887	1,195	1,471	1,661	611	438	395
Canada—							
Spelter	1	1	1	—	5,205	12,088	3,966
Dust	613	581	547	183	3	3	18
Sheets, plates, bars, etc.	3,026	3,144	2,694	990	449	503	512
Zinc-white	5,577	4,705	5,223	3,296	925	990	779
Lithopone	7,916	9,488	10,542	13,774	8,927	7,926	8,482
British India—							
Spelter	21,228	23,735	26,051	11,243	13,381	3,441	1,890
Sheets, etc.	858	952	820	938	937	279	—
Zinc-white	1,075	2,280	1,805	391	179	70	52
Lithopone	1,475	1,753	1,789	2,035	1,535	1,382	1,477
Burma—							
Spelter	573	606	1,415	} (a)	(a)	(a)	(a)
Zinc-white	171	194	226				
Ceylon—							
Blocks, ingots, etc. ..	3	7	(a)	(a)	(a)	(a)	(a)
Sheets and plates ..	31	27	(a)	(a)	(a)	(a)	(a)
Hong Kong (total imports)—							
Sheets	1,239	1,129	1,737	(a)	(a)	(a)	(a)
Malaya (total imports)—							
Sheets	249	357	347	(a)	(a)	(a)	(a)
Palestine—							
Spelter and sheets ..	162	275	139	23	15	46	27
Lithopone	(a)	216	194	163	67	87	155
Australia—							
Dust (£ Aust.)	(£1,328)	(£3,227)	(£21)	(£1)	(£5)	(£51)	(£103)
Blocks, sheets, scrap, etc.	1,415	883	387	1,544	55	1,154	68
Oxides	743	855	629	190	62	18	229
Lithopone	2,375	2,852	2,887	3,204	1,274	1,625	248
New Zealand—							
Spelter, bars and sheets	420	382	505	746	1,665	805	395
FOREIGN COUNTRIES							
Albania—							
Zinc sheets	9	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

IMPORTS OF ZINC (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Austria (b)—							
Ore	222	12	} (a)	(a)	(a)	(a)	(a)
Spelter, scrap and alloys	6,884	1,325					
Sheets, bars, etc. . .	—	1					
Zinc-white and zinc-grey	130	35					
Lithopone, etc. . . .	513	213					
Belgium-Luxemburg E. U.—							
Ore	528,882	396,366	(a)	10,493	72,806	28,707	3,002
Spelter	14,279	13,817	} (a)	1,529	2,004	1,132	730
Scrap	485	608					
Sheets, tubes, and wire	378	80					
Dust	44	21					
Oxide	1,447	1,274	(a)	323	223	176	24
Lithopone	469	568	(a)	2,530	811	215	175
Bulgaria—							
Spelter, bars, sheets and scrap	1,353	} (a)	(a)	{ 5	29	104	109
Zinc-white	43						
Lithopone	167						
Czecho-Slovakia—							
Ore	13,575	} (a)	(a)	(a)	(a)	(a)	(a)
Spelter, scrap and alloys	9,920						
Sheets and plates .. .	107						
Zinc-white, zinc-grey, etc.	291						
Denmark—							
Spelter	4,262	5,807	1,400	3,037	2,178	4,001	1,797
Scrap	32	19	20	125	212	61	154
Plates and sheets .. .	4,587	4,997	2,858	5,056	2,454	2,876	3,088
Zinc-white	1,961	2,574	1,637	1,118	1,233	1,628	1,707
Lithopone	1,991	2,893	1,742	1,864	2,523	2,124	2,068
Estonia—							
Spelter, plates, dust and scrap	194	} (a)	(a)	(a)	(a)	(a)	(a)
Zinc-white	358						
Lithopone	104						
Finland (total imports)—							
Spelter and scrap .. .	1,354	2,228	1,262	2,264	2,233	3,007	1,247
Sheets	534	554	371	964	911	1,074	589
Zinc-white	1,725	1,906	506	764	304	259	7
France—							
Ore	189,053	138,030	68,210	26,817	37,675	20,428	461
Spelter, bars and scrap	33,683	28,342	23,505	1,688	2,302	1,638	770
Sheets	1,659	995	83	14	371	625	67
Oxide	296	318	43	261	3,422	3,366	340
Lithopone	84	82	—	7,114	5,460	4,112	706
Germany—							
Ores	(d) 182,081	116,292	84,543	172,090	140,271	86,084	(c) 35,403
Spelter, dust, scrap and alloys	73,752	41,818	31,176	14,204	21,554	26,821	(c) 8,527
Sheets and wire .. .	6,769	4,874	655	1,401	788	263	(c) 11
Zinc-white and zinc-grey	327	176	168	197	41	481	(c) 506
Lithopone	3,053	1,798	833	499	1,306	1,020	(c) 206
Greece—							
Spelter, etc.	1,009	812	732	(a)	(a)	(a)	(a)
Hungary—							
Spelter and scrap .. .	8,620	9,643	} (a)	(a)	(a)	(a)	(a)
Sheets	7						
Zinc-white and zinc-grey	18	126					
Lithopone	151	189					

(a) Information not available.

(b) Figures for 1939 are for January to March only.

(c) January to July only.

(d) Includes 65,327 tons of tailings from Poland.

IMPORTS OF ZINC (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Iceland—							
Zinc-white	50	74	61	35	147	48	35
Lithopone	5	1	33	53	64	111	50
Italy—							
Ore and ashes	56	(c)	25				
Spelter, matte, scrap and alloyed	924	(c)	169	(a)	(a)	(a)	(a)
Sheets, wire, etc., and alloyed	873	(c)	223				
Lithopone	312	(c)	105				
Oxide	882		868	1,233	587	1,005	(a)
Latvia—							
Spelter, sheets and scrap	1,009						
Zinc-white	5	(a)	(a)	(a)	(a)	(a)	(a)
Lithopone	34						
Lithuania—							
Spelter, etc.	605						
Zinc-white	322	(a)	(a)	(a)	(a)	(a)	(a)
Lithopone	96						
Netherlands—							
Ore	44,717	44,525	1,036	4,889	5,990	8,475	
Spelter and scrap	10,802	8,153	2,504	2,855	5,972	2,387	
Sheets	4,979	3,534	345	560	537	492	(a)
Zinc-white	3,137	4,495	3,240	1,312	808	846	
Lithopone	1,380	2,276	2,869	1,576	699	334	
Oxide	5,685	3,961	—	5	—	—	
Norway—							
Ore	109,379	68,915	27,194	7,706	22,314	23,705	19,301
Ashes and scrap	754	1,725	737	926	97	14	463
Spelter	1,286	1,538	159	365	499	1,534	2,165
Bars and sheets	1,898	2,237	803	1,343	561	11	107
Zinc-white	1,789	2,023	424	683	571	281	567
Lithopone	365	564	312	672	500	404	146
Poland—							
Ores and slag	102,424						
Spelter, dust and scrap	6	(a)	(a)	(a)	(a)	(a)	(a)
Sheets, etc.	26						
Zinc-white and lithopone	165						
Portugal—							
Sheets, etc.	512	606	431	413	589	563	613
Oxide	574	583	580	750	718	709	422
Lithopone	734	934	539	1,090	949	991	416
Roumania—							
Spelter	3,922	4,381	4,320				
Scrap	121	(a)	(a)				
Sheets, plates and wire	676	1,052	883	(a)	(a)	(a)	(a)
Zinc-white and zinc-grey	145	66	179				
Lithopone	303	168	172				
Spain—							
Bars and scrap	(a)	(a)	307	1,816	1,448	254	
Sweden—							
Ore	—	—	—	—	1,494	—	—
Spelter and scrap	21,497	23,958	10,707	8,721	11,932	15,181	10,193
Sheets	2,093	3,012	2,034	1,778	1,875	1,212	1,372
Zinc-white	7,854	9,204	4,312	3,668	3,088	4,337	5,066
Lithopone, etc.	4,702	7,987	2,121	3,574	4,654	5,693	6,340

(a) Information not available.
(c) January to July only.

IMPORTS OF ZINC (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944
FOREIGN COUNTRIES (Cont.)							
Switzerland—							
Spelter and scrap ..	8,599	13,604	10,478	7,723	6,726	5,887	4,071
Dust	491	1,139	762	50	353	113	—
Bars, sheets, pipes and wire	1,064	1,789	1,284	5,015	2,584	635	627
Zinc-white, lithopone, etc.	4,361	6,322	4,116	3,905	2,842	3,097	1,996
U.S.S.R.—							
Spelter, etc.	(b) 387	(a)	(a)	(a)	(a)	(a)	(a)
Yugoslavia—							
Ore	4,199	511	}	(a)	(a)	(a)	(a)
Spelter and scrap ..	189	61					
Bars, sheets, wire, etc. ..	11	11					
Zinc-white, lithopone, etc.	147	191					
Algeria—							
Spelter, sheets and scrap	567	}	(a)	(a)	(a)	(a)	(a)
Oxide	502						
Lithopone, etc.	237						
Angola—							
Bars, sheets and tubes ..	(a)	28	20	25	3	4	25
Belgian Congo—							
Spelter, etc.	11	1	(a)	(a)	(a)	(a)	(a)
Egypt—							
Spelter, sheets and scrap	982	904	414	163	77	46	382
Zinc-white	481	474	180	813	253	74	187
Lithopone	801	521	265	595	128	29	38
Madagascar—							
Spelter, bars and sheets	52	(a)	16	11	(a)	—	(a)
Morocco (French)—							
Spelter, sheets and wire	155	(a)	(a)	(a)	(a)	(a)	(a)
Morocco (Spanish)—							
Spelter and sheets ..	87	}	(a)	(a)	(a)	(a)	(a)
Lithopone	1						
Mozambique—							
Spelter, bars and sheets	262	203	13	21	8	2	—
Tunis—							
Sheets	117	(a)	(a)	84	135	—	—
Oxide	110	(a)	(a)	19	2	—	—
Cuba (total imports)—							
Sheets	71	96	52	37	38	45	74
Mexico—							
Spelter, sheets and scrap	1,076	1,065	1,684	1,318	—	—	—
Zinc-white	395	533	353	385	—	—	—
United States—							
Ore (Zn content)	4,815	37,813	96,909	209,325	339,238	490,206	371,979
Spelter	6,770	27,779	9,059	35,971	32,457	50,138	56,410
Dross and scrap	86	375	1,993	1,020	3,465	4,615	5,003
Sheets	202	159	16	242	45	—	14
Dust	57	37	—	125	651	93	—
Oxide	576	1,384	284	110	13	19	5
Lithopone	3,511	2,358	—	—	—	—	—
Argentina—							
Spelter and bars	6,442	6,510	3,597	2,428	2,051	568	749
Sheets and plates	2,938	2,590	1,829	769	660	675	912
Zinc-white	3,003	2,038	1,531	565	617	375	105
Lithopone, etc.	2,667	3,660	3,606	3,256	3,058	2,892	144
Brazil (total imports)—							
Bars, sheets and plates ..	2,870	(a)	2,226	2,016	1,840	3,168	3,684
Zinc-white	2,972	(a)	(a)	(a)	(a)	(a)	(a)

(a) Information not available.

(b) January to September only.

IMPORTS OF ZINC (Cont.)

Importing Country and Description	1938	1939	1940	1941	1942	1943	1944	
FOREIGN COUNTRIES (Cont.)								
Chile—								
Spelter	869	1,078	1,121	619	1,898	} (a)	970	
Bars, sheets, etc. ..	268	315	246	136	737		(a)	
Zinc-white and lithopone	1,011	1,142	1,153	1,624	1,104		(a)	
Colombia—								
Spelter, sheets, alloys, etc.	261	168	163	198	179	121	(a)	
Zinc-white, etc. ..	323	449	318	315	78	759	120	
Peru—								
Spelter, bars, sheets and powder	180	131	74	95	42	49	13	
Zinc-white and lithopone	128	119	202	247	221	146	200	
Uruguay—								
Spelter	402	366	595	(a)	(a)	} 78	107	
Sheets	144	91	123	(a)	(a)		(a)	
Lithopone	(a)	(a)	(a)	(a)	(a)		614	66
Zinc-oxide	(a)	(a)	(a)	(a)	(a)		106	26
Venezuela—								
Spelter	107	950	11	222	100	—	—	
Zinc-white	262	348	266	386	140	332	—	
China—								
Spelter and dust ..	763	1,566	1,602	} (a)	(a)	(a)	(a)	
Sheets and plates ..	1,223	730	416					
Zinc-white	1,099	1,587	1,148					
Lithopone	£12,830	£18,449	£1,244					
French Indo-China—								
Spelter and scrap ..	40	39	} (a)	(a)	(a)	(a)	(a)	
Sheets	874	1,412						
Oxide	162	282						
Lithopone	108	191						
Iran (total imports) (b)—								
Spelter, sheets and wire	33	3	382	14	34	—	—	
Iraq—								
Spelter, sheets, etc. ..	12	16	30	6	13	9	7	
Japan—								
Spelter	—	—	23,901	6,224	3,346	3,396	656	
Manchuria—								
Zinc-white	233	(a)	(a)	(a)	(a)	(a)	(a)	
Netherlands East Indies—								
Spelter, sheets, wire, alloys, etc	819	1,070	1,281	} (c) 2,018	(a)	(a)	(a)	
Zinc-white	1,897	2,855	2,466					
Philippine Islands								
Spelter, bars and sheets	195	(a)	(a)	} (a)	(a)	(a)	(a)	
Oxide	814	1,082	775					
Siam (total imports)—								
Spelter	522	(a)	(a)	(a)	(a)	(a)	(a)	
Syria and Lebanon—								
Spelter	10	15	10	—	—	1	—	
Sheets	100	139	29	—	—	3	1	
Turkey—								
Spelter, scrap and alloyed	551	1,800	} (a)	(a)	(a)	(a)	(a)	
Bars, tubes, wire and alloyed.. .. .	1,742	2,245						

(a) Information not available.

(b) Years ended March 20 of year following that stated. Figures for 1939 are for nine months ended March 20, 1939.

(c) January to October only.

MISCELLANEOUS MINERALS

These minerals are not separately recorded in the statistical returns of several countries.

Country and Description	1938	1939	1940	1941	1942	1943	1944
SELENIUM							
PRODUCTION—							
Northern Rhodesia Lb.	4,078	1,277	—	—	—	—	—
Canada Lb.	358,929	150,771	179,860	406,930	495,369	374,013	298,592
Sweden (exports) Lb.	(a)	(a)	(a)	151,017	130,088	126,082	100,839
Mexico Lb.	—	(a)	(d) 137	(d) 432	(a)	(a)	(a)
United States .. Lb.	225,674	227,131	328,731	620,493	506,426	635,581	485,446
Bolivia (exports) Lb.	(a)	1,290	254	—	—	—	—
EXPORTS—							
Canada (e) .. Lb.	(a)	238,925	259,419	336,329	225,127	211,530	250,404
Sweden Lb.	(a)	(a)	(a)	151,017	130,088	126,082	100,839
Mexico Lb.	(a)	(a)	137	432	(a)	(a)	(a)
Bolivia Lb.	(a)	1,290	254	—	—	—	—
IMPORTS—							
United Kingdom Lb.	59,007	103,593	93,652	123,217	123,220	104,757	81,497
Portugal .. Lb.	(a)	(a)	(a)	(a)	500	(a)	(a)
Sweden Lb.	(a)	(a)	(a)	4	60	141	9
United States .. Lb.	101,034	124,830	134,429	197,873	83,666	81,720	97,800
Peru (e) Lb.	(a)	2	112	110	60	201	410
TELLURIUM							
PRODUCTION—							
Canada Lb.	48,237	2,940	3,491	11,453	11,084	8,600	10,661
United States .. Lb.	11,076	25,234	85,622	224,639	224,132	56,174	69,025
ZIRCONIUM MINERALS							
PRODUCTION—							
India Ton	1,450	721	3,137	2,502	273	—	755
Malaya—							
Zircon Ton	(a)	(a)	(a)	(a)	(f) 183	(f) 183	(f) 183
Zircon-monazite Ton	(a)	(a)	(a)	(a)	(f) 52	(f) 52	(f) 52
Australia—							
Zircon (c) .. Ton	192	1,660	5,449	12,790	11,218	10,334	14,000
Zircon concentrates (g) Ton	158	206	1,519	1,921	2,038	643	3,248
Egypt Ton	—	(a)	(a)	50	38	—	—
French West Africa Ton	—	—	25	—	207	66	—
Brazil (exports) .. Ton	1,469	1,440	1,497	4,660	16,844	4,843	2,118
EXPORTS—							
India (Travancore) (b) Ton	1,922	—	—	—	—	—	—
Australia Ton	83	—	—	—	—	—	—
French West Africa (Zircon-ilmenite) Ton	7,354	1,083	7,102	516	2,550	—	—
Brazil Ton	1,469	1,440	1,497	4,660	16,844	4,843	2,118

(a) Information not available.

(b) Years ended August.

(c) Estimated zircon content of all zircon-bearing concentrates.

(d) Exports.

(e) Including salts.

(f) Average annual production during Japanese occupation.

(g) Zircon content included above and not additional.

MISCELLANEOUS MINERALS (Cont.)

Country and Description	1938	1939	1940	1941	1942	1943	1944
ZIRCONIUM MINERALS (Cont.)							
IMPORTS—							
United Kingdom Ton	55	208	220	55	300	33	48
Canada—							
Zirconium oxide £	5,070	1,210	2,845	3,149	2,406	3,404	—
Zirconium silicate £	375	8,681	14,604	17,792	8,500	9,381	—
United States—							
Zirconium ore (c) Ton	1,869	3,065	15,040	24,709	30,273	25,368	21,458
Zircon .. Ton	(a)	1,578	9,818	13,975	10,126	10,243	10,104
Baddeleyite .. Ton	(a)	(b) 630	(b) 1,421	(b) 4,466	13,646	7,974	(b) 2,082
LITHIUM MINERALS							
PRODUCTION—							
South West Africa—							
Amblygonite .. Ton	764	802	252	204	22	—	—
Lepidolite .. do.	—	430	890	—	395	720	1,645
Petolite .. do.	—	—	40	10	15	—	—
Australia—							
Amblygonite .. do.	—	—	—	—	—	8	—
Portugal—							
Amblygonite .. do.	—	—	—	20	(a)	89	98
Sweden—							
Petalite .. do.	(a)	(a)	216	415	218	307	145
Spodumene .. do.	(a)	(a)	188	112	34	83	109
United States .. do.	796	1,777	1,796	3,422	4,826	7,281	11,892
Argentina—							
Spodumene .. do.	—	—	—	49	—	74	(a)
VERMICULITE							
PRODUCTION—							
Union of South Africa do.	215	51	89	180	1,574	671	1,207
Australia .. do.	—	30	109	160	178	363	123
United States (sales) do.	18,482	18,906	19,910	20,927	51,650	41,647	48,318

(a) Information not available.

(b) Includes some zircon.

(c) As recorded in official trade returns. The zircon and Baddeleyite shown are *not* additional but have been separated by the U.S. Bureau of Mines from the above item.

LIST OF STATISTICAL PUBLICATIONS

GENERAL

- Bulletins du Comité des Forges ; Paris.
 Statistische Zusammenstellungen über Aluminium, Blei, Kupfer, Nickel, Quecksilber, Silber, Zink und Zinn ; Metallgesellschaft, Frankfurt-am-Main.
 Annual Report of the Director of the United States Mint ; Washington.
 Reports by H.M. Trade Commissioners, Commercial Diplomatic and Consular Officers on commercial and financial conditions in various countries ; Department of Overseas Trade.
 Statistical Yearbook of the League of Nations.
 Minerals Year Book ; United States Bureau of Mines.
 Mineral Trade Notes ; United States Bureau of Mines.
 International Petroleum Trade ; United States Bureau of Mines.
 Year Book of the American Bureau of Metal Statistics.
 Phosphate and Superphosphate Statistics ; International Superphosphate Manufacturers' Association.
 Statistical Bulletin of the International Tin Research and Development Council.
 Reports of the British Intelligence Objectives Sub-Committee (B.I.O.S.).

UNITED KINGDOM

- Statistical Digest ; Ministry of Fuel and Power.
 Annual Report of the Secretary for Mines, and of H.M. Chief Inspector of Mines.
 Annual Report on Alkali, etc., Works by the Chief Inspectors.
 Statistics of the Iron and Steel Industries ; British Iron and Steel Federation.
 Annual Statement of the Trade of the United Kingdom with British Countries and Foreign Countries.
 Annual Report of the Ministry of Commerce on the Mining and Quarrying Industries in Northern Ireland, and of the Inspectors of Mines.

EIRE

- Trade and Shipping Statistics.

MALTA

- Customs Trade Statistics.
 Annual Blue Book.

ANGLO-EGYPTIAN SUDAN

- Annual Report of the Department of Economics and Trade.

GAMBIA

- Annual Blue Book.

GOLD COAST

- Annual Report on the Mining Industry.
 Annual Trade Report.

KENYA AND UGANDA

- Annual Trade Report.
 Annual Report of The Mining and Geological Department of Kenya.
 Annual Report of the Land and Survey Department (Uganda).

MAURITIUS

- Annual Blue Book.

NIGERIA

Annual Report of the Mines Department.
Annual Trade Report.

NORTHERN RHODESIA

Annual Report of the Mines Department.
Annual Report of the Customs Department.

NYASALAND

Annual Trade Report.

SEYCHELLES

Annual Blue Book.

SIERRA LEONE

Annual Report of the Geological and Mines Department.
Annual Trade Report.

SOMALILAND PROTECTORATE

Colonial Report.

SOUTHERN RHODESIA

Annual Report of the Department of Mines and Public Works on Mines.
Annual Report of the Rhodesia Chamber of Mines.
Annual Statement of the Trade of Southern Rhodesia with British Countries and Foreign Countries.

TANGANYIKA TERRITORY

Annual Trade Report.
Annual Report of Mines Department.

UNION OF SOUTH AFRICA

Union

Annual Report of the Government Mining Engineer.
Quarterly Information Circular of the Department of Mines.
Annual Statement of the Trade and Shipping of the Union of South Africa, and of the Territory of South West Africa.

South West Africa

Report of the Government of the Union of South Africa on South West Africa.
Quarterly Information Circular of the Department of Mines.
Annual Statement of the Trade and Shipping of the Union of South Africa, and of the Territory of South West Africa.

ZANZIBAR

Annual Trade Report.

BRITISH HONDURAS

Annual Blue Book.

BRITISH WEST INDIES

Annual Blue Books.—*Bahamas. Barbados. Bermuda. Grenada. Jamaica. Leeward Islands. St. Lucia. St. Vincent. Trinidad and Tobago.*
Administration Report of the Inspector of Mines, Trinidad and Tobago.

CANADA

Annual Report of the Mineral Production of Canada.
Annual Trade Report of Canada.

NEWFOUNDLAND

Customs Returns.

BRITISH GUIANA

Annual Report on the Lands and Mines Department.
Annual Report of the Comptroller of Customs on Trade and Shipping of the Colony.

BRITISH BORNEO

Brunei

Annual Report on the State of Brunei.

Sarawak

Annual Report of the Treasury and the Post, Shipping and Customs Departments.

State of North Borneo

Annual Report on the Territorial Customs Department.

BURMA

Burma Trade Journal.
Report on the Mineral production of Burma.
Annual Report of the Burma Corporation Ltd.

CEYLON

Customs Returns.

CYPRUS

Annual Blue Book.

HONG KONG

Trade and Shipping Returns.

INDIA

Annual Report on the Mineral Production of India in the Records of the Geological Survey of India.
Statements of Trade at Stations Adjacent to Land Frontier Routes.
Accounts relating to the Sea-borne Trade and Navigation of British India for the Calendar Year.

MALAYA

Foreign Imports and Exports.
Annual Summary of Monthly Returns of Foreign Imports, Exports and Shipping.

Federated Malay States

Annual Report on the Administration of the Mines Department and on the Mining Industries.

PALESTINE

Statistics of Imports, Exports and Shipping.

AUSTRALIA

Commonwealth

Bulletin of Production Statistics. Part I—Secondary Industries ; Part II—Primary Industries.

Statistics relating to Lead, Silver, Copper, Zinc and Tin ; Australian Mines and Metal Association (Inc.).

New South Wales

Annual Report of the Department of Mines.

Queensland

Annual Report of the Under Secretary for Mines.

Western Australia

Annual Report of the Department of Mines.

Tasmania

Annual Report of the Secretary for Mines.

South Australia

Mining Review ; Department of Mines.

Papua

Annual Report.

FIJI

Annual Blue Book.

NEW GUINEA

Report to the League of Nations on the administration of the Territory of New Guinea.

NEW ZEALAND

Annual Mines Statement.

Statistical Report on Trade and Shipping in the Dominion of New Zealand.
Part I.

Gilbert and Ellice Islands

Annual Blue Book.

Western Samoa

Trade, Commerce and Shipping of the Territory of Western Samoa.

BRITISH SOLOMON ISLANDS PROTECTORATE

Annual Blue Book.

ALBANIA

Tableau du Commerce Extérieur du Royaume d'Albanie.

AUSTRIA

Mitteilungen über den österreichischen Bergbau.

Statistik des Aussenhandels Österreichs.

Monatshefte der Statistik des Aussenhandels Österreichs.

BELGIUM

Annales des Mines de Belgique.

BELGIUM-LUXEMBURG ECONOMIC UNION

Bulletin Mensuel du Commerce avec les Pays Etrangers.

BULGARIA

Statistique du Commerce du Royaume de Bulgarie avec les Pays Etrangers.

CZECHO-SLOVAKIA

Zprávy statního úřadu statistického Republiky Československé.
Commerce Extérieur de la République Tchécoslovaque.

DENMARK

Danmarks Vareindførsel og-Udførsel.
Produktionsstatistik.

ESTONIA

Väliskaubandus (Commerce Extérieur de l'Estonie).

FINLAND

Industristatistik.
Finlands Utrikeshandel.

FRANCE

Statistique de l'Industrie Minérale en France et en Algérie.
Annuaire ; Bureau d'Etudes géologiques et minières coloniales.
Tableau Général du Commerce Extérieur.
Statistique mensuelle du commerce extérieur de la France.

GERMANY

Vierteljahrshefte zur Statistik des Deutschen Reichs.
Statistische Zusammenstellungen über Aluminium, Blei, Kupfer, Nickel, Quecksilber, Silber, Zink und Zinn ; Metallgesellschaft, Frankfurt-am-Main.
Monatliche Nachweise über den auswärtigen Handel Deutschlands.
Zeitschrift für das Berg-, Hütten- und Salinenwesen im Deutschen Reichs.
Reports of the British Intelligence Objectives Sub-Committee (B.I.O.S.).

GREECE

Tableaux Statistiques du Mouvement Minière de la Grèce.
Bulletin Mensuel du Commerce Spécial de la Grèce avec les Pays Etrangers.

HUNGARY

Commerce Extérieur de la Hongrie.
Bulletin Statistique Mensuel Hongrois.

ICELAND

Verzlunarskýrslur-Gefid út af Hagstofu Islands.

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Statistica del Commercio Speciale di Importazione e di Esportazione.
Commercio di Importazione e di Esportazione de Regno d'Italia.
Annuario Statistico Italiano.

LATVIA

Commerce extérieur et transit de la Lettonie.

LITHUANIA

Annuaire Statistique de la Lithuanie.
Commerce Extérieur de la Lithuanie.

LUXEMBURG

Les industries extractives du Grand-Duché de Luxembourg.

NETHERLANDS

Jaarverslag van den Hoofdingenieur der Mijnen.
Jaarstatistiek van den In-, Uit-, en Doorvoer.

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Norges Handel.
Norges Industri.

POLAND

Annuaire du Commerce Extérieur de la République Polonaise et de la Ville Libre
de Dantzig.

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Estatística Comercial.
Estatística Industrial.

ROUMANIA

Statistica Miniera a României.
Comertul Exterior al României.

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Industri och Bergshantering Berättelse av Kommerskollegium.
Sveriges Handel.

SWITZERLAND

Statistique du Commerce de la Suisse avec l'Etranger.

U.S.S.R.

Statistical Review of the foreign trade of the U.S.S.R.
Statistical Year Book.

YUGOSLAVIA

Statistique du Commerce Extérieur du Royaume de Yougoslavie.

ANGOLA

Estatística Comercial ; Direcções dos Serviços Aduaneiros.
Boletim d'Agência Geral das Colónias.

BELGIAN CONGO

Statistique du Commerce Extérieur du Congo Belge.

EGYPT

Annual Statement of the Foreign Trade of Egypt.
Monthly Summary of the Foreign Trade of Egypt.

FRENCH POSSESSIONS IN AFRICA

Statistique de l'Industrie Minérale en France et en Algérie.
Annuaire Statistique de l'Algérie.
Documents Statistiques sur le Commerce de l'Algérie.
Documents Statistiques sur le Commerce de la Tunisie.
Statistiques du Mouvement Commercial et Maritime du Maroc (Protectorate Français et Zone de Tanger).
Bulletin Mensuel de l'Agence Economique de l'Afrique Occidentale Française.
Bulletin Economique de l'Afrique Equatoriale Française.
Togo-Cameroun Magazine Trimestriel.
La Chronique des Mines Coloniales.

MADAGASCAR

Statistiques du Commerce et de la Navigation.
Bulletin Economique Mensuel de Madagascar.
La Chronique des Mines Coloniales.

MOZAMBIQUE

Colonia de Moçambique ; Estatística do Comércio e Navegação.

PORTUGUESE GUINEA

Relatório e Mapas do Movimento Comercial e Marítimo.

SPANISH POSSESSIONS IN AFRICA

Estatística del Comercio en la Zona de Protectorado Espanol.

COSTA RICA

Anuario Estadístico.

CUBA

Comercio Exterior.

DOMINICAN REPUBLIC

Report of the Dominican Customs Receivership

GUATEMALA

Memoria de las Labores del Ejecutivo en el Ramo de Hacienda y Credito Publico.

HAITI

Annual Report of the Fiscal Representative.

NETHERLANDS WEST INDIES

Curaçoesch Verslag.

NICARAGUA

Report of the Collector General of Customs.

SALVADOR

Anuario Estadístico.

UNITED STATES

Foreign Commerce and Navigation of the United States.
 Monthly Summary of Foreign Commerce of the United States.
 Annual Statistical Report of the American Iron and Steel Institute.
 Minerals Year Book.

ARGENTINA

El Comercio Exterior Argentino.
 Anuario del Comercio Exterior de la Republica Argentina.
 Estadística minera de la Nación.

BOLIVIA

Comercio Exterior de Bolivia.

BRAZIL

Comercio Exterior do Brasil.

CHILE

Estadística Anual de la República de Chile. (Vol. IV, Minería e industria ; Vol. VII, Comercio Exterior.)

COLOMBIA

Anuario de Comercio Exterior de Colombia.

DUTCH GUIANA

Surinaamsch Verslag.
 Handelsstatistiek.

ECUADOR

Boletín de Hacienda.

PARAGUAY

Memoria de la Dirección General de Estadística.

PERU

Anuario del Comercio Exterior del Peru.

URUGUAY

Boletín del Ministerio de Hacienda.
 Anuario Estadístico de la República Oriental del Uruguay ; Comercio Exterior.

VENEZUELA

Estadística Mercantil y Marítima.

CHINA

Foreign Trade of China.

FORMOSA

Annual Return of the Trade of Taiwan (Formosa).

FRENCH INDO-CHINA

Bulletin Economique de l'Indochine.

Tableau du Commerce Extérieur de l'Indochine.

Statistique Mensuelle du Commerce Extérieur de l'Indochine.

La Chronique des Mines Coloniales.

FRENCH PACIFIC POSSESSIONS

Statistique de l'Industrie Minérale en France et en Algérie.

Annuaire ; Bureau d'Etudes géologiques et minières coloniales.

La Chronique des Mines Coloniales.

IRAN

Statistique Commerciale de l'Iran. Tableau Général du Commerce avec les Pays Etrangers.

IRAQ

Administrative Report of the Department of Customs and Excise.
Customs Circular.

JAPAN

Monthly Return of the Foreign Trade of Japan.

Annual Return of the Foreign Trade of Japan.

Reports of the British Intelligence Objectives Sub-Committee (B.I.O.S./J.A.P.).

KOREA (CHOSEN)

Table of Trade and Shipping of Chosen.

MANCHURIA

Annual Returns of the Foreign Trade of Manchoukuo.

Monthly Returns of the Foreign Trade of Manchoukuo.

NETHERLANDS EAST INDIES

Jaarboek van het Mijnwezen in Nederlandsch-Oost-Indie.

Jaaroverzicht van den In- en Uitvoer van Nederlandsch-Indie.

PHILIPPINE ISLANDS

Annual Report of the Insular Collector of Customs.

SYRIA AND LEBANON

Statistiques Générales du Commerce Extérieur des Etats du Levant sou Mandat Français.

Bulletin Economique Trimistriel des Pays sous Mandat Français.

TURKEY

Statistique Annuelle du Commerce Extérieur de la Turquie.

Review of the Mining Research and Exploration Institute of Turkey (M.T.A.).

ADDENDA

The following information has been received since going to press. The units, which are not quoted below, relate to those used in the table to which the figures refer.

Page and country	1938	1939	1940	1941	1942	1943	1944
P. 21 Japan	232	150	112	101	108	299	453
P. 26 Japan—							
White arsenic	3,419	3,485	3,774	3,451	2,060	2,248	1,393
P. 37 Chile	—	—	—	10	—	(a)	1,581
Peru	—	—	—	—	—	—	2,315
Japan	16,200	16,200	17,100	17,200	18,600	18,600	13,000
P. 38 Canada—							
Unground	(a)	(a)	(a)	(a)	(a)	—	60,000
Ground	(a)	(a)	(a)	(a)	(a)	20,000	34,000
P. 41 Japan—							
Barytes	15,000	17,000	17,000	13,000	13,000	13,000	7,000
P. 45 Chile—							
Borate of calcium	(a)	(a)	(a)	(a)	(a)	(a)	2,286
P. 50 Japan (Production)	551,000	705,000	772,000	507,000	661,000	728,000	750,000
P. 53 Japan	139,000	176,000	(a)	(a)	225,000	247,000	187,000
P. 56 Chile	20	49	140	—	2,004	(a)	331
Peru	—	—	—	—	—	—	333
P. 59 Japan (amended)	45,901	53,295	59,649	60,396	58,538	67,098	76,665
P. 64 Japan (amended)	2,032	13,328	33,687	(a)	32,783	39,205	18,238
P. 93 Germany	(a)	(a)	3,819	2,778	2,008	2,736	1,260
P. 98 China	440	1,856	2,281	1,566	1,246	492	1,014
P.107 Japan—							
Ore	—	—	—	—	9,695	12,634	6,498
Refined copper	97,216	111,187	139,851	50,346	724	443	4,020
P.119 Japan	69	1,930	3,440	2,630	2,795	2,946	5,040
P.120 Japan (imports)	(a)	(a)	(a)	47,969	105,240	151,059	145,067
P.121 Japan (production)	(a)	(a)	(a)	(a)	(a)	(a)	73,000
P.135 Japan	77,005	(a)	(a)	131,592	167,209	144,677	116,245
P.142 China—							
Ore	40,000	40,811	54,330	61,844	76,273	69,000	39,500
P.169 China	1,653	284	1,770	1,246	1,116	1,180	636
P.189 Japan (amended)—							
Ore	118,952	153,207	160,373	192,458	250,238	337,469	394,351
Ore (Mn content)	(a)	(a)	(a)	(a)	88,000	110,000	129,000
P.197 Japan	787	1,080	1,180	1,280	197	246	246
P.198 Japan	58	46	226	687	1,196	2,106	6,170
P.212 United Kingdom—							
Total ammonia products expressed as sulphate of ammonia equivalent basis 25% NH ₃	715,100	769,700	929,800	1,109,888	1,276,287	1,530,909	1,426,630
P.293 Japan	2,088,612	1,769,000	1,501,280	1,495,549	1,316,972	1,149,268	704,877
Japan (S content)	700,000	560,000	490,000	450,000	400,000	370,000	210,000
P.302 Great Britain (b)—							
Brine Salt	806,877	916,099	887,199	837,779	879,362	796,459	827,982
Salt in brine	1,803,171	2,262,890	2,462,996	2,530,155	2,689,739	2,555,755	2,525,978
P.321 Japan—							
Refined sulphur	223,032	196,462	188,308	193,755	165,537	149,836	75,339
China—							
Sulphur	1,671	1,757	2,360	3,393	2,176	2,500	2,229
P.329 Mozambique—							
Columbite	—	—	—	17,600	11,000	11,000	11,000
P.345 Japan—							
Concentrates	313	294	511	667	927	791	650
WO ₃ content	177	166	289	378	525	448	368
P.366 Japan—							
Ore	21,566	24,916	35,873	26,194	9,987	11,627	17,578

(a) Information not available.

(b) The figures for Brine salt on page 302 include Salt in brine used for purposes other than salt making. The above figures should be substituted for those given for Brine salt.

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