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THE MINERAL INDUSTRY
of the British Empire and
Foreign Countries

STATISTICAL SUMMARY

(PRODUCTION, IMPORTS AND EXPORTS)

1935-1937



LONDON

PUBLISHED FOR THE IMPERIAL INSTITUTE
BY HIS MAJESTY'S STATIONERY OFFICE

1938

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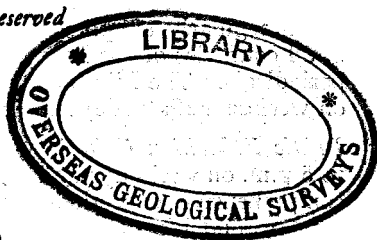
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IMPERIAL INSTITUTE

THE Imperial Institute was established to promote the industrial utilization of the raw materials of the Empire.

The technical work of the Institute is carried out by two principal Departments, viz., a Plant and Animal Products Department and a Mineral Resources Department.

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.

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Publications.—Numerous publications of an authoritative character are issued containing information dealing with the various raw materials and the related industries. Details of the principal publications are given at the end of this volume.

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INTRODUCTORY NOTE

Throughout the trade statistics in this document, materials imported or exported on government account have been included as far as possible.

Trade statistics for India include, as from April 1, 1937, the trade of India with Burma, and exclude the direct foreign trade of Burma, which is given separately.

The trade of the Saar territory prior to February 18, 1935, is recorded with the trade of France, on and after that date it is recorded with the trade of Germany.

Trade statistics for Japan do not include trade between that country and the rest of the Japanese Empire. Trade figures for Korea and Formosa include the trade with all other parts of the Japanese Empire.

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.

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.

ABRASIVES

PRODUCTION OF NATURAL ABRASIVES (Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE.			
Southern Rhodesia—			
Corundum	—	—	18
Union of South Africa—			
Corundum	4,263	4,332	2,247
Canada—			
Grindstones	333	321	262
Pulpstones	257	78	78
Sharpening stones	42	109	66
Cyprus—			
Pumice	2,331	313	2
India—			
Corundum	28	2	—
Garnet sand	325	5	330
Australia—			
Emery	10	—	10
New Zealand—			
Pumice (b)	3,300	3,242	2,931
FOREIGN COUNTRIES.			
Belgium—			
Grindstones (<i>number</i>)	55,300	79,530	(a)
France—			
Millstones	14,100	12,560	11,100
Sharpening stones	250	100	50
Germany—			
Emery (Bavaria)	197	220	255
Whetstone (Thuringia)	—	—	101
Greece—			
Emery	15,000	15,000	(a)
Pumice (<i>number</i>)	35,101	52,703	(a)
Italy—			
Pumice	108,110	96,269	121,746
Millstones	118	632	527
Sharpening stones	1,683	1,496	6,112
Whetstones	686	509	489
Sweden—			
Millstones, etc.	58	113	46

(a) Information not available.

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

PRODUCTION OF NATURAL ABRASIVES (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Millstones (<i>number</i>)	597	604	(a)
Egypt—			
Garnet	50	—	—
Pumice	2,013	2,061	2,767
Madagascar—			
Corundum	—	83	48
United States(Sales)—			
Emery	157	290	286
Garnet	2,732	3,411	4,342
Pumice	53,571	65,103	63,399
Tripoli	24,442	25,435	31,193
Grindstones	10,246	9,556	10,372
Pulpstones	2,778	2,207	2,611
Oilstones, whetstones, etc. ..	392	671	723
Turkey—			
Emery	11,802	11,377	11,924
Millstones (<i>number</i>)	5,014	5,757	4,065

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

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

	1935	1936	1937
Silicon carbide (crude)	16,496	21,254	(a)
Fused alumina	45,709	53,154	(a)

Artificial abrasives sold, shipped, or used, from plants in United States and Canada during 1935 and 1936, and produced in 1937 were (long tons) :—

	1935	1936	1937
Silicon carbide, etc.	21,666	26,198	27,112
Aluminium oxide	44,634	62,344	77,144
Metallic abrasives	13,029	22,024	25,028

(a) Information not available.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Abrasives, natural and artificial	840	822	812
Grinding wheels of—			
Artificial corundum, etc. ..	406	251	240
Carborundum	467	462	554
Emery	204	155	203
Other hard abrasives	187	152	263
Grindstones and whetstones ..	5,588	5,427	6,097
Union of South Africa—			
Corundum	4,481	4,320	2,229
Canada—			
Natural abrasives, including diatomaceous earth	497	431	376
Artificial abrasives	62,573	76,059	100,823
Artificial abrasive wheels, etc. ..	(£10,497)	(£26,028)	(£28,586)
Grindstones	(£15)	(£339)	(£27)
Cyprus—			
Pumice	2,443	312	2
Hong Kong (including re-exports)—			
Emery, etc.	(£4,036)	(£4,024)	(£4,711)
Australia—			
Corundum, emery, etc. (£ Australian)	(£207)	(£369)	(£410)
New Zealand—			
Pumice	3,300	3,242	2,931
FOREIGN COUNTRIES			
Austria—			
Emery, etc.	110	101	72
Pumice	28	24	15
Millstones	598	435	325
Grindstones, natural	120	182	140
do. artificial	138	165	162
Belgium-Luxemburg E.U.—			
Millstones and grindstones, natural	236	320	333
do. do. artificial	155	197	277
Other abrasives	116	45	94
Bulgaria—			
Millstones, grindstones, etc. ..	168	103	68

EXPORTS OF ABRASIVES (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Emery and pumice	76	100	90
Carborundum	57	56	59
Grindstones, etc., natural	111	98	117
do. carborundum	467	657	591
do. emery, etc.	477	1,009	1,051
Other abrasives	4	3	3
Finland—			
Grindstones, etc.	238	497	467
France—			
Corundum and emery	1,149	718	619
Millstones and grindstones	2,561	2,042	3,031
Whetstones	228	169	153
Artificial abrasives	4,422	4,202	5,151
Germany—			
Emery	806	705	835
Carborundum	5,082	6,015	6,050
Millstones, grindstones, etc.	9,512	9,562	10,945
Other abrasives	8,551	7,968	10,215
Greece—			
Emery	13,850	10,711	13,991
Hungary—			
Millstones and grindstones	9	12	34
Italy—			
Emery and corundum	15	5	8
Pumice	59,522	34,436	43,384
Whetstones, natural	282	254	412
Grindstones, natural	16	13	51
Millstones, natural	2,618	23	72
Artificial abrasives	13	2	5
Netherlands—			
Emery	2,271	2,101	2,815
Norway—			
Millstones, grindstones, etc.	531	650	782
Poland—			
Millstones, grindstones, etc.	41	46	178
Sweden—			
Emery	12	7	7
Other natural abrasives	25	5	2
Carborundum, etc.	913	673	819
Millstones, grindstones, etc.	1,217	1,157	1,372

EXPORTS OF ABRASIVES (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Switzerland—			
Carborundum, emery, etc., crude	39	—	100
do. do. ground	369	568	831
Grindstones	8	—	22
U.S.S.R.—			
Abrasives	126	56	31
Yugoslavia—			
Millstones	240	121	111
Grindstones, natural	490	735	753
do. artificial	4	5	21
Egypt—			
Emery, pumice, etc.	2,408	1,135	284
Madagascar—			
Corundum	12	66	48
United States—			
Wheels of emery and corundum ..	141	142	167
Grindstones	2,465	2,214	2,759
Other natural abrasives	4,302	4,081	16,576
Crude artificial abrasives	11,423	12,768	18,812
Artificial abrasive wheels	1,394	2,284	2,680
Japan—			
Grindstones, whetstones including artificial	(a)	(a)	1,009
Syria and Lebanon—			
Emery, pumice, etc.	5,272	260	312
Turkey—			
Emery and carborundum	11,439	13,156	11,820
Millstones and grindstones	53	93	57

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Emery	8,134	7,367	8,052
Artificial corundum	6,560	9,358	12,451
Carborundum, unground	361	419	570
do. ground	3,597	4,182	4,017
Other hard abrasives	25,892	19,873	36,801
Grinding wheels of—			
Artificial corundum, etc.	44	104	205
Carborundum	244	193	105
Emery	60	73	83
Other hard abrasives	84	111	137
Grindstones and whetstones	219	74	140
Eire—			
Grindstones, oilstones, etc.	171	175	172
Kenya and Uganda—			
Grindstones	5	22	6
Mauritius—			
Grindstones and wheels	(£347)	(£586)	(£397)
Seychelles—			
Grindstones (<i>number</i>)	42	140	53
Union of South Africa—			
Emery	10	11	17
Pumice	275	403	310
Other abrasives	(£4,415)	(£3,818)	(£3,002)
Emery and other wheels	(£23,589)	(£25,036)	(£37,337)
Grindstones, millstones, etc.	(£1,921)	(£2,738)	(£4,560)
Canada—			
Pumice, etc.	(£6,291)	(£4,278)	(£5,311)
Emery, ground	(£8,552)	(£8,754)	(£12,152)
Artificial abrasives, ground	(£88,854)	(£104,696)	(£141,502)
Garnet (<i>estimated</i>)	130	125	155
Buhrstones	(£43)	(£115)	(£249)
Emery and artificial abrasives manufactures	(£8,860)	(£11,121)	(£12,726)
Grindstones and wheels	(£46,663)	(£44,617)	(£59,026)
Newfoundland (years ended June 30)			
Grindstones	(£695)	(£913)	(£744)
British West Indies—			
Trinidad and Tobago—			
Grindstones and wheels	20	32	35
Ceylon—			
Grindstones	(£1,352)	(£1,697)	(£1,991)

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Hong Kong (total imports)—			
Emery, etc.	(£7,849)	(£6,737)	(£9,121)
Palestine—			
Millstones	(£1,258)	(£889)	(£899)
Australia—			
Corundum, emery, etc.	(£7,453)	(£9,054)	(£22,891)
Pumice	(£9,314)	(£8,210)	(£8,411)
New Zealand—			
Pumice	20	11	(a)
Grindstones, etc. (£ New Zealand)	(£6,059)	(£8,338)	(a)
FOREIGN COUNTRIES			
Austria—			
Emery, etc.	635	736	766
Pumice	342	102	164
Millstones	246	273	395
Grindstones, natural	957	1,177	1,479
do. artificial	205	236	342
Belgium-Luxemburg E.U.—			
Millstones and grindstones, natural	1,071	1,202	1,432
do. do. artificial	372	447	558
Other abrasives	19,333	5,980	3,762
Bulgaria—			
Millstones, grindstones, etc.	168	299	357
Czechoslovakia—			
Emery	568	765	469
Pumice	28	25	28
Carborundum	1,067	1,310	1,632
Grindstones, etc.—natural	697	589	790
do. carborundum	10	14	23
do. emery, etc.	82	108	179
Other abrasives	2	2	3
Denmark—			
Emery, etc.	316	260	325
Pumice	528	263	370
Millstones and grindstones	463	471	436
Estonia—			
Pumice	74	63	242
Grindstones—natural	482	354	466
do. artificial	23	26	23
Millstones	35	38	24
Other abrasives	110	116	139

(a) Information not available.

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Finland (total imports)—			
Emery	265	234	269
Pumice	107	99	196
Other natural abrasives	27	28	43
Whetstones, grindstones, etc.—			
Natural	1,207	710	1,090
Artificial	928	1,228	1,274
France—			
Corundum and emery	2,790	2,215	1,956
Pumice	27,897	28,211	16,497
Millstones and grindstones	97	88	70
Whetstones	284	647	465
Carborundum	515	598	864
Other artificial abrasives	476	815	1,512
Germany—			
Emery	3,594	3,289	4,612
Carborundum	725	646	572
Millstones, grindstones, etc.	751	822	692
Other abrasives	81	153	415
Hungary—			
Emery	104	118	126
Millstones	95	137	143
Grindstones	1,025	1,046	1,198
Italy—			
Emery and corundum	1,674	2	1,740
Pumice	2	5	—
Artificial abrasives	1,250	1,146	1,845
Whetstones, natural	121	65	27
Grindstones, natural	369	98	228
Millstones, natural	76	117	44
do. artificial	307	257	181
Latvia—			
Emery	37	31	37
Pumice	58	26	51
Grindstones, etc.	204	414	532
Lithuania—			
Millstones and grindstones	157	133	193
Netherlands—			
Emery	3,339	2,574	3,113
Norway—			
Emery grains	510	554	622
Millstones, grindstones, etc.	725	1,457	1,434

IMPORTS OF ABRASIVES (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Millstones	82	74	82
Other abrasives	1,398	1,223	2,090
Portugal—			
Emery, etc.	124	109	(a)
Roumania—			
Emery, etc.	183	253	217
Millstones	383	181	399
Grindstones	120	119	294
Spain—			
Emery	86	(a)	(a)
Carborundum	52	(a)	(a)
Sweden—			
Emery	805	926	1,028
Other natural abrasives	1,889	1,999	2,214
Carborundum, etc.	385	546	470
Millstones, grindstones, etc.	1,781	1,810	2,062
Switzerland—			
Emery, crude	351	404	406
Carborundum, emery, etc., ground	353	435	757
Millstones	84	78	100
Grindstones	492	601	609
Whetstones	50	37	47
U.S.S.R.—			
Abrasive	992	1,787	1,177
Yugoslavia—			
Millstones	49	52	40
Grindstones, natural	55	87	132
do. artificial	71	115	110
Other abrasives	281	754	2,445
Algeria—			
Emery, corundum, etc.	9	7	10
Pumice	767	222	308
Millstones and grindstones	161	165	174
Egypt—			
Emery, pumice, etc.	54	45	106
Millstones	321	109	161
Grindstones	186	245	156
Whetstones	26	33	21

(a) Information not available.

IMPORTS OF ABRASIVES (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Morocco (French)—			
Millstones and grindstones ..	38	43	46
Tunis—			
Emery and pumice	83	196	119
Millstones and grindstones ..	12	27	62
Cuba (total imports)—			
Grindstones	1,149	938	(a)
Mexico—			
Emery and carborundum ..	516	935	1,694
Millstones and grindstones ..	58	216	206
United States—			
Corundum, crude	4,514	4,277	1,862
Emery, crude	4,290	5,551	4,783
Corundum and emery, ground ..	51	174	147
Pumice	7,805	6,287	7,832
Tripoli, etc.	1,420	466	778
Grindstones	534	728	860
Buhrstones, hones, etc. ..	108	100	87
Crude artificial abrasives ..	58,884	68,983	90,556
Argentina—			
Emery	415	382	534
Pumice	65	63	83
Grindstones	738	546	843
Oil stones	23	12	16
Brazil—			
Millstones, grindstones, etc. ..	396	419	614
Other abrasives	71	96	98
Chile—			
Emery, pumice, etc.	20	42	37
Colombia—			
Emery and pumice	22	26	21
Millstones and grindstones ..	36	10	12
Peru—			
Emery and pumice	12	16	30
Grindstones	12	10	34
Venezuela—			
Emery and pumice	8	6	(a)
Millstones and grindstones ..	387	689	(a)
China—			
Corundum	4	2	5
French Indo-China—			
Emery and corundum, ground ..	170	143	227
Pumice	2	1	4
Grindstones and millstones ..	37	50	57

(a) Information not available.

IMPORTS OF ABRASIVES (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Japan (total imports)—			
Abrasives	4,477	3,989	6,020
Grindstones, artificial	37	38	55
Netherlands East Indies—			
Emery	57	67	104
Syria and Lebanon—			
Emery	26	2	5
Millstones and grindstones	116	38	108
Turkey—			
Emery and carborundum, crude	41	7	19
Millstones and grindstones	147	120	188
Whetstones, pumice, etc.	43	41	34

ALUMINIUM
(Including Bauxite and Cryolite)

PRODUCTION OF BAUXITE
(Long tons)

Producing Country	1935	1936	1937
BRITISH EMPIRE			
British Guiana—(c)			
60% or more alumina	107,785	157,945	288,701
50-60% alumina	3,414	11,525	7,817
30-50% alumina (b)	26,410	39,851	64,413
Unfederated Malay States ..	—	36	19,000
India	7,635	3,644	15,150
Australia	1,156	740	7,766
Total	146,000	214,000	403,000
FOREIGN COUNTRIES			
Austria (<i>estimated</i>)	3,000	3,000	3,000
France	504,750	638,250	677,300
Germany	8,412	12,229	18,000
Greece	9,339	127,846	108,000
Hungary	207,745	323,893	444,444
Italy	167,378	258,104	380,391
Roumania	6,120	10,658	12,000
U.S.S.R. (<i>estimated</i>)	130,000	200,000	250,000
Yugoslavia	212,694	287,560	352,167
Mozambique	30	29	(a)
United States	233,912	372,005	420,232
Brazil (exports)	—	6,889	8,631
Dutch Guiana (exports) ..	113,370	230,215	386,133
French Indo-China	—	30	7,000
Netherland East Indies ..	16,444	147,963	195,828
Total	1,610,000	2,620,000	3,260,000
WORLD'S TOTAL	1,760,000	2,830,000	3,660,000

(a) Information not available.

(b) Ore remains at the mines.

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

	1935	1936	1937
Metallurgical	75,139	116,645	241,932
Chemical	33,198	44,430	48,950
Refractory	2,581	6,021	7,295

PRODUCTION (EXPORTS) OF CRYOLITE IN GREENLAND

Year	Long tons
1935	23,104
1936	17,135
1937	50,822

ESTIMATED PRODUCTION OF ALUMINIUM

(Long tons)

Producing Country	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	14,900	16,000	19,000
Canada	21,100	25,800	41,000
Total	36,000	41,800	60,000
FOREIGN COUNTRIES			
Austria	2,200	2,200	2,200
France	21,658	26,100	33,932
Germany (c)	69,661	95,648	125,500
Hungary	300	900	1,000
Italy (c)	13,558	15,623	22,585
Norway (c)	14,750	15,162	23,043
Spain	1,200	600	—
Sweden (c)	1,806	1,790	1,829
Switzerland	11,600	15,600	23,500
U.S.S.R.	25,100	29,500	60,000
Yugoslavia	—	—	200
United States (c) (b)	53,257	100,415	130,661
Japan	3,950	4,000	10,500
Total	219,000	308,000	435,000
WORLD'S TOTAL	255,000	350,000	495,000

(b) Secondary metal was recovered as follows:—

1935	45,900 long tons
1936	46,000 " "
1937	55,860 " "

(c) Official figures.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Alumina	23,403	17,695	15,835
Ingots, etc., including alloyed ..	2,528	2,016	3,969
Sheets, tubes, etc., including alloyed	3,596	2,930	4,532
Foil and alloyed	681	529	763
Scrap, including alloyed	(a)	(a)	3,441
Aluminium sulphates	15,627	17,425	19,613
Canada—			
Blocks, bars, scrap, etc.	27,934	26,632	44,519
British Guiana—			
Bauxite	111,500	170,153	300,707
British India—			
Bauxite	3,325	8,600	27,252
British Malaya (including re- exports)—			
Bauxite	—	36	12,628
Aluminium sulphates	1,092	1,188	3,150
Hong Kong (including re-exports)—			
Aluminium sulphates	316	406	1,542
FOREIGN COUNTRIES			
Austria—			
Cryolite	24	8	15
Crude, scrap and alloys	2,256	2,720	3,132
Sheets, rods, wire, etc.	10	7	26
Foil	74	94	130
Aluminium sulphates	81	3	22
Belgium-Luxemburg E.U.—			
Bauxite, etc.	—	—	57
Aluminium hydrates	14	21	16
Crude and scrap	603	625	2,011
Sheets, wire, etc.	84	452	1,031
Aluminium sulphates	20,974	25,884	29,290
Czechoslovakia—			
Crude and scrap	194	422	929
Bars, sheets, rods and wire	3	157	311
Aluminium sulphates	270	290	270
Denmark—			
Refined cryolite	11,425	13,116	20,912

(a) Information not available.

EXPORTS OF ALUMINIUM, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France—			
Bauxite	277,715	299,266	296,893
Alumina	26,711	24,232	26,730
Aluminium hydrates	8,164	7,544	8,607
Cryolite, artificial	238	331	632
Ingots and scrap	1,239	1,447	6,858
Sheets, wire, etc.	696	1,103	2,508
Aluminium sulphates	3,100	2,500	2,900
Germany—			
Bauxite and cryolite	65	31	—
Crude, scrap and alloys	245	240	1,313
Sheets, wire, castings, etc.	4,726	7,820	8,011
Foil	2,939	3,863	4,656
Aluminium sulphates, etc., including refined bauxite	35,165	42,207	60,123
Greece—			
Bauxite	12,942	84,657	120,349
Hungary—			
Bauxite	223,984	336,254	476,260
Alumina and aluminium hydrates	1,036	2,581	3,093
Crude, scrap and alloys	12	16	19
Bars, sheets and wire	27	49	43
Aluminium sulphates	1	—	27
Italy—			
Bauxite	108,987	163,309	128,325
Cryolite, artificial	12	—	—
Alumina	1,482	—	18,068
Crude, scrap and alloyed	5,952	70	4
Sheets, tubes, etc. and alloyed	77	5	44
Aluminium sulphates	69	76	342
Netherlands—			
Crude, scrap and alloys	829	763	925
Foil	12	30	139
Norway—			
Alumina	3,988	3,969	1,349
Ingots and scrap	14,598	15,244	21,515
Bars, sheets, tubes and wire	680	730	1,840
Poland—			
Crude and sheets	79	39	32
Spain—			
Alumina	4	(a)	(a)
Ingots and scrap	73	(a)	(a)

(a) Information not available.

EXPORTS OF ALUMINIUM, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Sweden—			
Crude, sheets and strips	36	127	54
Aluminium sulphates	13,011	21,615	20,510
Switzerland—			
Blocks, ingots, etc., and scrap ..	11,140	13,218	13,358
do. (alloys)	1,899	2,647	4,352
Bars, sheets, tubes and wire ..	1,961	2,625	3,263
do. (alloys)	458	851	1,622
U.S.S.R.—			
Aluminium sulphates	69	153	(a)
Yugoslavia—			
Bauxite	168,542	249,088	382,254
Crude	—	—	208
Scrap	9	—	1
Aluminium hydrates	4,133	3,878	4,281
Algeria—			
Ingots	139	214	318
Morocco (French)—			
Scrap	183	104	246
Greenland—			
Cryolite	23,104	17,135	50,822
United States—			
Bauxite, etc.	82,491	84,471	123,191
Ingots, scrap and alloys	1,500	426	2,107
Plates, sheets, etc.	272	291	297
Aluminium sulphates	29,545	25,703	28,399
Brazil—			
Bauxite	—	6,889	8,631
Dutch Guiana—			
Bauxite	113,370	230,215	386,133
China—			
Aluminium sulphates	796	1,097	7,401
French Indo-China—			
Bauxite	—	10	207
Aluminium	4	4	6
Japan—			
Crude	(a)	(a)	192
Plates and sheets	1,002	858	1,131
Aluminium sulphates	4,716	5,257	6,696
Netherlands East Indies—			
Bauxite	9,766	112,283	200,000

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Bauxite	194,126	231,444	219,432
Cryolite	1,992	2,650	2,425
Alumina	15	7	18
Ingots, etc., including alloyed ..	17,982	21,719	31,232
Sheets, tubes, etc., including alloyed	2,011	5,384	3,080
Foil and alloyed	860	1,074	1,507
Aluminium sulphates	7,721	6,614	7,005
Eire—			
Ingots, sheets and foil	102	144	215
Kenya and Uganda—			
Sheets and wire	214	180	31
Southern Rhodesia—			
Aluminium sulphates	5	3	3
Tanganyika Territory—			
Sheets, strips and wire	9	29	8
Union of South Africa—			
Ingots, bars, sheets, wire and foil	305	330	381
Aluminium sulphates	90	94	93
Canada—			
Bauxite	113,667	153,051	271,360
Cryolite	153	2,655	6,167
Alumina	73	69	112
Ingots, rods, sheets, scrap, etc. ..	1,020	1,227	1,790
Leaf and foil	(£13,415)	(£19,299)	(£29,458)
Aluminium sulphates	27,745	31,659	33,705
Newfoundland (years ended June 30)—			
Ingots, etc... .. .	(£391)	(£553)	(£1,067)
Aluminium sulphates	(£3,086)	—	—
British India—			
Ingots, blocks, bars, etc.	8	5	4
Sheets and circles	3,047	2,479	2,644
Aluminium sulphates	2,177	1,617	2,768
British Malaya (total imports)—			
Aluminium sulphates	1,805	2,044	5,815
Burma—			
Sheets and circles	(b)	(b)	(b)232
Ceylon—			
Foil	198	240	334
Hong Kong (total imports)—			
Aluminium sulphates	330	496	2,250

(b) Included with India prior to April 1, 1937.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Palestine—			
Sheets	105	313	188
Foil	24	21	16
Australia—			
Cryolite	232	114	120
Pigs, ingots, blocks and scrap ..	322	591	400
Sheets, wire, rods, etc.	1,117	1,443	1,257
Aluminium sulphates	278	265	397
New Zealand—			
Bars, sheets, tubes, wire, etc. ..	51	48	(a)
FOREIGN COUNTRIES			
Austria—			
Bauxite	728	823	584
Cryolite	110	360	266
do. artificial	94	69	134
Alumina	4,781	6,747	7,372
Aluminium hydrates	1,164	603	1,010
Crude, scrap and alloys	32	31	22
Sheets, rods, wire, etc.	369	431	545
Foil	32	42	57
Aluminium sulphates	4	4	5
Belgium-Luxemburg E.U.—			
Bauxite, etc.	1,421	809	1,053
Alumina	31	333	401
Aluminium hydrates	8,152	10,076	10,985
Crude and scrap	1,497	2,722	5,346
Sheets, wire, etc.	505	659	787
Aluminium sulphates	2,416	1,897	2,272
Bulgaria—			
Crude, bars and sheets	42	152	92
Aluminium sulphates	494	604	753
Czechoslovakia—			
Cryolite	365	286	577
Crude and scrap	1,759	4,003	5,642
Bars, sheets, rods and wire	97	80	234
Foil	127	100	114
Aluminium sulphates	45	45	25
Denmark—			
Crude cryolite	16,601	5,276	33,427
Crude and scrap	643	783	928
Bars, sheets and plates	274	273	218
Leaf	276	353	308
Aluminium sulphates	2,056	1,557	1,718

(a) Information not available.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Estonia—			
Crude, sheets, etc.	126	125	166
Aluminium sulphates	955	962	869
Finland (total imports)—			
Crude and scrap	32	41	59
Bars and sheets	212	302	352
Aluminium sulphates	8,282	7,859	10,044
France—			
Bauxite	29	—	21
Alumina	16	13	13
Aluminium hydrates	9	10	15
Cryolite, artificial	6	6	1
Ingots and scrap	345	1,194	244
Sheets, wire, etc.	691	734	731
Aluminium sulphates	856	631	310
Germany—			
Bauxite and cryolite	497,501	965,665	1,292,413
Crude, scrap and alloys	17,783	6,070	7,037
Sheets, wire, castings, etc	85	64	117
Aluminium sulphates, etc., including refined bauxite	1,518	59	131
Greece—			
Aluminium	113	223	245
Aluminium sulphates	538	854	299
Hungary—			
Alumina and aluminium hydrates	330	262	934
Crude, scrap and alloys	199	179	358
Bars, sheets and wire	8	16	7
Aluminium sulphates	317	101	73
Iceland—			
Aluminium sulphates	2	(a)	(a)
Italy—			
Bauxite	750	—	461
Alumina	2,500	7,388	1,405
Cryolite, artificial	59	274	246
Aluminium hydrates	358	308	7
Crude, scrap and alloys	250	391	3,481
Sheets, tubes, powder and alloys..	124	424	65
Aluminium sulphates	1,120	440	429
Latvia—			
Bauxite	—	—	5
Ingots, sheets, scrap, etc.	176	150	227
Aluminium sulphates	1,497	1,126	1,358
Lithuania—			
Aluminium	44	93	154

(a) Information not available.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Crude, scrap and alloys	1,305	1,560	2,696
Foil	618	656	867
Aluminium sulphates	5,679	6,410	7,887
Norway—			
Bauxite	32,055	23,666	39,835
Cryolite	1,067	706	3,066
Alumina	19,147	22,657	37,415
Crude aluminium	76	(b) 530	56
Bars, sheets, etc.	95	120	248
Aluminium sulphates	4,799	4,354	5,504
Poland—			
Bauxite	2,067	3,512	4,212
Cryolite	87	113	122
Crude and scrap	1,063	1,021	1,214
Sheets and wire	157	177	259
Aluminium sulphates	69	32	83
Portugal—			
Aluminium and alloys	158	180	207
Aluminium sulphates	671	506	(a)
Roumania—			
Crude and scrap	66	90	177
Sheets and wire	92	145	400
Aluminium sulphates	331	303	158
Spain—			
Alumina	3,647	(a)	(a)
Ingots and scrap	25	(a)	(a)
Bars, sheets, tubes and wire ..	62	(a)	(a)
Aluminium sulphates, etc. ..	151	(a)	(a)
Sweden—			
Crude	1,615	666	2,859
Sheets and strips	593	517	647
Aluminium sulphates	915	592	776
Switzerland—			
Alumina, etc.	23,843	24,945	59,056
Blocks, ingots, etc., and scrap ..	2,780	3,376	2,913
do. (alloyed)	1	3	103
Bars, sheets, tubes and wire ..	13	5	6
do. (alloyed)	17	8	27
Aluminium sulphates	272	220	207
U.S.S.R.—			
Alumina	3,916	744	(a)
Crude	530	17	} 2,507
Sheets, etc... .. .	79	84	

(a) Information not available.

(b) Excess of re-exports.

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Bauxite	—	—	10
Aluminium hydrates	32	5	8
Crude and scrap	62	29	73
Sheets, pipes and wire	131	126	228
Aluminium sulphates	263	24	190
Algeria—			
Bauxite	—	—	49
Ingots, sheets, wire, etc.	15	18	35
Aluminium sulphates	184	198	352
Egypt—			
Bars, sheets, tubes and wire	51	47	51
Foil	45	37	53
Aluminium sulphates	618	664	403
Madagascar—			
Aluminium sulphates	37	36	54
Morocco (French)—			
Bars, sheets and wire	28	22	36
Aluminium sulphates	184	176	200
Tunis—			
Aluminium sulphates	98	105	101
Guatemala—			
Aluminium sulphates	211	226	132
México—			
Ingots, bars and sheets	7	269	340
United States—			
Bauxite	199,959	322,790	507,423
Cryolite	8,299	12,616	16,690
Crude, scrap, etc.	9,409	11,231	19,956
Sheets, bars, etc.	96	180	213
Refined bauxite	67	117	182
Aluminium sulphates	900	1,837	2,548
Argentina—			
Ingots, sheets and wire	565	753	960
Aluminium sulphates	10,184	11,173	14,676
Brazil (total imports)—			
Bars, sheets and wire	1,088	1,172	1,544
Aluminium sulphates	3,788	3,753	4,205
Chile—			
Bars and sheets	56	61	110
Aluminium sulphates	3	17	26

IMPORTS OF ALUMINIUM, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Colombia—			
Ingots, bars, etc.	121	230	239
Aluminium sulphates	(a)	114	628
Peru—			
Aluminium sulphates	230	359	531
Uruguay—			
Ingots, sheets, etc.	114	255	(a)
Aluminium sulphates	369	607	(a)
Venezuela—			
Crude	6	—	(a)
Aluminium sulphates	45	14	(a)
China—			
Crude	723	1,228	1,370
Sheets and wire	711	498	377
Formosa—			
Aluminium sulphates	39	98	(a)
French Indo-China—			
Ingots and scrap	—	21	7
Sheets	138	122	152
Aluminium sulphates	719	878	1,045
Iran (b)—			
Ingots, sheets, scrap, etc.	5	2	56
Iraq—			
Bars, sheets, wire, etc.	37	63	79
Aluminium sulphates	206	198	473
Japan (total imports)—			
Cryolite	569	966	1,126
Ingots, blocks, etc.	9,620	8,869	(a)
“Manchoukuo”—			
Foil	241	330	484
Netherlands East Indies—			
Ingots, sheets, wire and alloys	668	605	1,095
Aluminium sulphates	2,596	3,125	7,847
Syria and Lebanon—			
Aluminium sulphates	86	73	98
Turkey—			
Bars, sheets, wire and alloys	116	51	71
Aluminium sulphates	223	333	502

(a) Information not available.

(b) Total imports for years ended June 21.

ANTIMONY

PRODUCTION OF ANTIMONY ORE

(In terms of metal)

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Southern Rhodesia	—	84	78
Union of South Africa	5	17	—
British Borneo (Sarawak)	16	30	5
Burma (<i>estimated</i>)	10	40	30
Australia	20	150	567
FOREIGN COUNTRIES			
Austria	—	123	170
Czechoslovakia	2,391	1,020	1,151
Greece	40	196	(a)
Italy	472	526	636
Portugal	—	23	61
Yugoslavia	200	1,600	3,850
Algeria	1,288	1,375	958
Morocco (French)	220	103	26
Mexico	4,498	7,188	10,471
United States (b)	499	674	1,130
Bolivia (exports)	3,348	6,421	7,014
Honduras	5	1	(a)
Peru	308	1,224	1,464
China	18,000	17,000	15,000
French Indo-China	20	46	6
Japan (<i>estimated</i>)	60	150	(a)
Korea	2	17	(a)
Turkey	101	562	659

(a) Information not available.

(b) Secondary metal was recovered as follows:—

1935	.. .. .	8,600 long tons.
1936	.. .. .	8,800 " "
1937	.. .. .	11,018 " "

EXPORTS OF ANTIMONY, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Regulus, etc.	136	169	190
Southern Rhodesia—			
Antimony	—	129	142
British Borneo (Sarawak)—			
Ore	33	60	9
Hong Kong (including re-exports)—			
Ore	918	1,045	2,813
Crude and regulus.. .. .	34	32	1,000
Australia—			
Ore (b)	13	95	—
Lead residues (<i>Sb content</i>) (b) ..	206	2	—
Regulus and alloys (<i>£ Australian</i>)	(£2,009)	(£2,772)	(£3,153)
FOREIGN COUNTRIES			
Austria—			
Ore	10	119	248
Regulus	—	—	8
Belgium-Luxemburg E.U.—			
Ore	30	184	196
Regulus	1,472	1,687	2,065
Czechoslovakia—			
Regulus	1,536	1,072	1,148
France—			
Crude and regulus	810	210	643
Oxide, sulphide, etc.	156	307	295
Germany—			
Ore, including arsenical ores ..	68	39	34
Regulus and scrap	35	11	8
Oxide, etc.	721	749	785
Netherlands—			
Regulus	16	24	3
Portugal—			
Ore	—	37	(a)
Spain—			
Sulphide	42	(a)	(a)
Sweden—			
Ore	120	140	157

(a) Information not available.

(b) Years ended June 30.

EXPORTS OF ANTIMONY, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Ore	20	60	10
Regulus	13	484	426
Algeria—			
Ore	4,016	445	2,264
Morocco (French)—			
Ore	303	193	108
Morocco (Spanish)—			
Ore	(a)	29	394
Mexico—			
Ore (<i>Sb content</i>)	3,737	6,577	9,748
Regulus	495	354	246
Bolivia—			
Ore (<i>Sb content</i>)	3,348	6,421	7,014
Peru—			
Ore and metal (<i>Sb content</i>) ..	308	1,224	1,464
China—			
Crude	3,376	2,662	2,221
Regulus	13,962	12,960	12,322
Oxide	1,158	1,416	602
French Indo-China—			
Ore	266	1,053	948
Japan—			
Regulus	97	80	53
Turkey—			
Ore	113	1,001	1,377
Regulus	20	75	—

(a) Information not available.

IMPORTS OF ANTIMONY, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore, including crude	3,141	6,781	13,164
Regulus, etc.	3,225	3,646	2,357
Southern Rhodesia—			
Crude and Regulus	3	5	3
Union of South Africa—			
Crude and regulus	35	81	72
Canada—			
Regulus	414	571	525
Hong Kong (including re-exports)—			
Ore	867	1,176	3,192
Crude and regulus	18	24	735
Australia—			
Ore	60	166	40
Crude and regulus	15	84	38
Sulphide	3	21	15
New Zealand—			
Antimony	25	21	(a)
FOREIGN COUNTRIES			
Austria—			
Ore	19	20	10
Regulus	120	93	137
Belgium-Luxemburg E.U.—			
Ore	3,399	6,695	4,677
Regulus	542	318	634
Czechoslovakia—			
Regulus	7	16	6
Denmark—			
Regulus and scrap	191	132	189
Estonia—			
Crude and regulus	4	8	4
Finland (total imports)—			
Antimony	9	6	25
France—			
Ore	4,188	3,098	3,586
Crude and regulus	443	697	318
Oxide and sulphide	75	86	88

(a) Information not available.

IMPORTS OF ANTIMONY, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Germany—			
Ore and matte	386	851	896
Regulus and scrap	2,076	2,072	2,630
Oxide, etc.	1,180	1,314	1,407
Italy—			
Regulus	714	769	667
Oxide	81	17	52
Latvia—			
Regulus	13	10	9
Sulphide	2	2	2
Lithuania—			
Antimony	2	2	4
Netherlands—			
Regulus	137	97	139
Norway—			
Regulus	60	36	19
Poland—			
Ore and regulus	164	438	250
Oxide and sulphide	106	115	206
Portugal—			
Crude and alloys	12	8	(a)
Sulphide	13	20	(a)
Roumania—			
Regulus	55	44	45
Oxide and sulphide	5	7	11
Spain—			
Regulus	4	(a)	(a)
Sulphide	36	(a)	(a)
Sweden—			
Ore	380	126	235
Switzerland—			
Regulus	135	132	145
U.S.S.R.—			
Regulus	2,340	2,337	(a)
Yugoslavia—			
Regulus	6	1	—
Algeria—			
Regulus	18	11	19
Morocco (French)—			
Regulus	52	4	1
Tunis—			
Regulus and sulphide	6	6	7

(a) Information not available.

IMPORTS OF ANTIMONY, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
United States—			
Ore (<i>Sb content</i>)	4,096	9,415	12,338
Regulus and crude	2,037	1,753	1,231
Oxide and sulphide	558	1,084	1,011
Argentina—			
Regulus and crude	84	143	70
Chile—			
Regulus	20	17	383
Sulphide	9	5	12
Peru—			
Regulus	7	5	7
Uruguay—			
Regulus	7	10	(a)
China—			
Regulus	3	2	—
Sulphide	12	21	21
French Indo-China—			
Ore	10	827	611
Regulus	6	3	4
Sulphide	2	3	11
Japan (total imports)—			
Antimony and sulphide	3,119	3,547	(a)
Netherlands East Indies—			
Antimony	31	21	25
Philippine Islands—			
Regulus, etc.	25	12	15
Turkey—			
Regulus	14	38	7

(a) Information not available.

ARSENIC

PRODUCTION OF ARSENIC (Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
White arsenic and arsenic soot ..	172	153	95
Canada (sales)—			
White arsenic	1,142	610	620
Australia—			
White arsenic	4,098	3,691	3,368
FOREIGN COUNTRIES			
Belgium (exports)—			
White arsenic	3,049	2,688	2,991
Czechoslovakia—			
Ore (<i>As content</i>)	68	53	73
France—			
Ore (<i>As content</i>)	3,538	9,490	3,909
White arsenic (<i>As content</i>) ..	5,794	7,273	(a)
Germany—			
Ore (<i>As content</i>)	1,294	1,843	(a)
Greece—			
White arsenic	164	84	(a)
Pyrites (<i>As content</i>)	300	770	(a)
Portugal—			
Pyrites (<i>As content</i>)	—	74	—
White arsenic	74	148	21
Roumania—			
Pyrites (<i>As content</i>)	29	30	32
Sweden—			
Ore (<i>As content</i>)	24,032	22,944	20,623
White arsenic	6,250	8,510	(a)
Mexico—			
White arsenic	9,793	8,392	10,592
United States—			
White arsenic	12,712	13,731	15,013

(a) Information not available.

PRODUCTION OF ARSENIC (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (cont.)			
Brazil—			
White arsenic	681	720	705
China—			
Ore (b)	1,200	(a)	(a)
Japan—			
White arsenic	3,111	2,587	(a)
Korea—			
White arsenic	367	226	(a)
Turkey—			
Ore (<i>As content</i>)	27	16	27

White arsenic is also produced in Germany and U.S.S.R.

(a) Information not available.

(b) Content varies from 20 to 60 per cent. arsenic.

EXPORTS OF ARSENIC, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
White arsenic	13	17	71
Other compounds of arsenic ..	159	237	345
Southern Rhodesia—			
White arsenic	—	—	9
Canada—			
White arsenic, etc.	996	307	328
Hong Kong (including re-exports)—			
Arsenic	5	11	5
Australia (years ended June 30)—			
Ore, etc. (<i>As content</i>)	80	11	13
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.—			
Ore	—	16	—
Sulphide	25	49	35
Metallic arsenic	1	14	27
White arsenic	3,049	2,688	2,991
Czechoslovakia—			
White arsenic	1	—	1
France—			
White arsenic	5,524	2,818	4,181
Arsenate of lead	452	433	356
Arsenate of soda	169	189	277
Germany—			
Ore, including antimony ore ..	68	39	34
White arsenic, etc.	5,421	2,695	2,807
Greece—			
White arsenic	116	14	17
U.S.S.R.—			
Arsenate of lime	—	35	(a)

(a) Information not available.

EXPORTS OF ARSENIC, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Mexico—			
White arsenic (<i>As content</i>) ..	9,729	8,270	13,199
United States—			
White arsenic (estimated) ..	800	1,000	2,200
Arsenate of lead	516	369	466
Arsenate of lime	1,833	2,810	2,404
Peru—			
Bars of lead, etc. (<i>As content</i>) ..	8	5	4
China—			
Ore	98	81	104
Arsenic	36	60	30
Japan—			
White arsenic	1,842	1,166	1,083
Arsenate of lead	982	1,067	1,388
Arsenate of lime	(a)	(a)	1,413
Turkey—			
Ore	10	21	14

(a) Information not available.

IMPORTS OF ARSENIC, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
White arsenic	4,702	5,278	4,029
Other compounds	102	137	135
Union of South Africa—			
Arsenate of soda	2,663	405	636
Canada—			
Sulphide	12	8	11
White arsenic	5	—	3
Arsenate of lead	145	100	106
Other arsenates	64	123	32
British India—			
Arsenic and its oxides	151	164	290
Orpiment (b)	385	157	149
Hong Kong (total imports)—			
Arsenic	2	14	7
Australia—			
White arsenic	83	81	331
Other compounds	631	1,095	405
New Zealand—			
White arsenic, etc.	26	58	(a)
FOREIGN COUNTRIES			
Austria—			
Sulphide	4	4	6
Belgium-Luxemburg E.U.—			
Ore	2,344	1,922	1,789
Metallic arsenic	29	41	78
White arsenic	14	113	60
Bulgaria—			
White arsenic	10	1	3
Czechoslovakia—			
Sulphide	74	99	59
Metallic arsenic	9	11	13
White arsenic	97	99	168

(a) Information not available.

(b) Includes trade by land as recorded.

IMPORTS OF ARSENIC, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France—			
Ore	—	25	—
Sulphide	35	68	51
Metallic arsenic	24	25	21
White arsenic	105	74	21
Arsenate of lead	1	2	2
Germany—			
Ore	—	113	—
White arsenic, etc.	72	334	549
Italy—			
Metallic arsenic	13	4	4
White arsenic	932	1,152	956
Latvia—			
White arsenic	16	8	10
Poland—			
Metallic arsenic	2	1	2
White arsenic	21	31	54
Sulphides	8	9	15
Portugal—			
White arsenic	15	10	(a)
Arsenates	2	2	(a)
Roumania—			
White arsenic	10	15	30
Spain—			
Arsenic	7	(a)	(a)
U.S.S.R.—			
Arsenate of lime	—	643	(a)
Yugoslavia—			
Metallic and white arsenic	12	19	12
Sulphide	6	5	3
Algeria—			
White arsenic	3	—	2
Sulphide	6	4	16
Arsenates	513	513	914
Madagascar—			
Arsenates	9	11	18
Mozambique—			
Arsenate of soda	34	16	2
Tunis—			
Sulphide	5	10	—
Arsenates	1	1	1

(a) Information not available.

IMPORTS OF ARSENIC, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
United States—			
Metallic arsenic	29	36	67
White arsenic	13,460	15,702	14,082
Sulphide	317	159	224
Arsenates of lime and soda ..	87	367	361
Argentina—			
Sulphide	32	27	27
White arsenic	680	884	1,013
Compounds.. .. .	4	—	1
Brazil—			
White arsenic	(a)	551	1,514
Chile—			
White arsenic	24	8	16
Arsenate of lead	34	72	72
Other arsenic compounds.. ..	1	1	9
Colombia—			
White arsenic, etc... .. .	1	29	21
Uruguay—			
White arsenic	592	678	606
French Indo-China—			
Arsenic compounds	3	10	4
Netherlands East Indies—			
Arsenate of lead	703	455	645
Turkey—			
Arsenic compounds	27	19	23

(a) Information not available.

ASBESTOS**PRODUCTION OF ASBESTOS**
(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Southern Rhodesia	38,034	50,309	50,905
Union of South Africa—			
Amosite	4,031	5,323	5,808
Blue	2,097	2,955	4,686
Chrysotile	12,105	13,469	15,049
Anthophyllite	—	65	22
Canada—			
Chrysotile (b)	190,618	271,777	369,648
<i>Crude</i>	2,034	3,071	3,434
<i>Fibre</i>	91,313	119,007	178,792
<i>Shorts</i>	94,570	146,928	183,869
<i>Sand and gravel (waste rock only)</i>	2,701	2,771	3,553
Cyprus	7,493	9,202	11,171
India	63	57	100
Australia	176	239	165
Total	255,000	353,000	458,000
FOREIGN COUNTRIES			
Bulgaria	3	—	—
Czechoslovakia	2,600	2,700	(a)
Finland	3,400	7,000	7,500
France	450	399	200
Greece	2	—	(a)
Italy	4,252	6,016	(a)
U.S.S.R.	93,975	123,141	(a)
United States (sales)—			
Chrysotile	} 8,406	9,393	11,861
Amphibole		361	546
Argentina	13	—	(a)
Bolivia	—	—	21
Venezuela	75	70	(a)
French Indo-China	—	5	—
Japan (estimated)	1,000	1,000	1,000
Korea	6	68	(a)
Turkey	102	117	155
Total	114,000	150,000	(a)
WORLD'S TOTAL	369,000	503,000	(a)

Asbestos is also produced in China.

(a) Information not available.

(b) Sales and shipments.

EXPORTS OF ASBESTOS
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unmanufactured—			
Crude and fibre	182	299	404
Waste, including asbestic	23	137	251
Packing, etc.	4,768	4,061	4,748
Cement products	11,904	16,121	22,397
Yarn and cloth	811	812	1,063
Other manufactures	3,551	3,465	3,926
Southern Rhodesia—			
Unmanufactured	40,435	45,738	57,547
Manufactured	(£109)	(£50)	—
Union of South Africa—			
Unmanufactured	21,173	22,061	24,840
Manufactured	(£108)	(£644)	(£422)
Canada—			
Unmanufactured	89,452	121,917	175,456
Sand and waste	89,308	140,784	173,687
Manufactured	(£35,639)	(£35,198)	(£66,814)
British Malaya (including re-exports)—			
Manufactured	101	110	140
Cyprus—			
Unmanufactured	7,513	9,506	11,709
Hong Kong (including re-exports)—			
Packing	(£872)	(£900)	(£828)
Other manufactures	(£664)	(£902)	(£1,642)
Australia—			
Packing (£ Australian)	(£1,686)	(£1,677)	(£2,115)
FOREIGN COUNTRIES			
Austria—			
Unmanufactured	106	57	69
Spun and woven	66	56	56
Paper and board	155	73	85
Cement sheets	12	4	35
Other manufactures	20	31	55
Belgium-Luxemburg E.U.—			
Unmanufactured	202	575	1,951
Spun and woven	91	109	117
Paper and board	724	802	726
Cement sheets and tiles	58,731	62,247	95,643
Other manufactures	5	2	4

EXPORTS OF ASBESTOS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Unmanufactured	358	501	895
Spun and woven	58	75	126
Paper and board	635	502	683
Other manufactures	54	47	98
Finland—			
Unmanufactured	1,246	2,142	2,638
France—			
Spun and woven	192	188	122
Paper and board	121	88	325
Germany—			
Unmanufactured	217	170	254
Spun and woven	492	566	577
Paper and board	2,142	3,387	7,537
Other manufactures	887	998	1,794
Hungary—			
Manufactured	101	92	203
Italy—			
Unmanufactured	809	1,858	1,475
Spun and woven	115	36	38
Paper and board	45	25	46
Cement products	10,916	10,739	11,573
Other manufactures	322	74	20
Netherlands	50	110	12
Poland.. .. .	32	24	36
Spain—			
Manufactured	277	(a)	(a)
Sweden—			
Unmanufactured	30	39	37
Manufactured	10	16	11
Switzerland (including mica)—			
Unmanufactured	11	13	5
Manufactured	181	149	242
U.S.S.R.—			
Unmanufactured	24,713	25,734	26,868
Manufactured	19	8	78
Yugoslavia—			
Unmanufactured	30	10	23
United States—			
Unmanufactured	759	3,343	2,682
Spun, woven and packing	639	594	680
Paper and board	685	563	776

(a) Information not available.

EXPORTS OF ASBESTOS (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
United States—(<i>Cont.</i>)			
Brake linings	(£180,000)	(£190,800)	(£197,000)
Clutch facings	(a)	(£15,500)	(£28,500)
Pipe covering and cement	1,101	1,487	2,128
Roofing squares	(£21,800)	(£28,700)	(£33,700)
Other manufactures	823	1,209	1,686
Venezuela—			
Unmanufactured	4	92	(a)
Japan—			
Unmanufactured	418	177	380
Manufactured	2,602	4,007	5,887
“ Manchoukuo ”—			
Asbestos	146	77	153

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unmanufactured—			
Crude and fibre	31,367	39,446	49,417
Waste, including asbestic	314	2,598	5,589
Packing, etc.	34	38	38
Cement products	18,620	16,752	26,333
Yarn and cloth	18	13	32
Other manufactures	1,470	1,622	2,034
Eire—			
Manufactured	3,682	1,610	2,126
Kenya and Uganda—			
Manufactured	458	201	508
Mauritius—			
Unmanufactured	(£50)	(a)	(a)
Manufactured	(£367)	(£383)	15
Seychelles—			
Cement sheets	2	70	3
Southern Rhodesia (total imports)—			
Packing	(£969)	(£511)	(£1,386)
Cement sheets	(£899)	(£766)	(£416)
Other manufactures	(£1,330)	(£602)	(£30)
South West Africa—			
Cement sheets	(£26)	—	(£20)
Other manufactures	(£257)	(£1)	(£90)
Tanganyika Territory—			
Manufactured	116	220	313
Union of South Africa—			
Packing	(£51,333)	(£53,716)	(£75,218)
Cement products	(£10,451)	(£12,708)	(£12,813)
Other manufactures	(£4,421)	(£13,194)	(£11,264)
Canada—			
Packing	54	75	68
Other manufactures	(£133,270)	(£166,461)	(£219,250)
Newfoundland (years ended June 30)—			
Asbestos	(£815)	(£1,561)	(£1,569)
British West Indies—			
Trinidad and Tobago—			
Cement products	266	523	1,755
Other manufactures	66	158	300

(a) Information not available.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British India—			
Unmanufactured	1,135	1,246	2,348
Cement products	2,798	2,568	3,018
Packing	(£14,204)	(£15,032)	(£16,181)
Other manufactures	(£54,464)	(£58,885)	(£62,777)
Burma—			
Cement products	(b)	(b)	(b)809
British Malaya—			
Manufactured	3,230	5,731	7,539
Cyprus—			
Sheets	(a)	(a)	127
Hong Kong (total imports)—			
Packing	(£7,004)	(£3,389)	(£3,674)
Other manufactures	(£3,767)	(£3,144)	(£7,377)
Palestine—			
Manufactured	(£5,981)	(£4,838)	(£11,054)
Australia—			
Crude	4,423	7,817	6,199
Packing	(£67,206)	(£74,052)	(£84,976)
New Zealand—			
Sheets, slates, tiles, etc. (£ N.Z.)..	(£16,873)	(£22,645)	(£35,214)
FOREIGN COUNTRIES			
Austria—			
Unmanufactured	2,696	2,360	2,062
Spun and woven	29	35	49
Paper and board	13	11	30
Cement sheets	25	40	43
Other manufactures	32	35	33
Belgium-Luxemburg E.U.—			
Unmanufactured	11,932	17,356	24,082
Spun and woven	130	123	193
Paper and board	152	185	258
Other manufactures	6	7	5
Bulgaria—			
Unmanufactured	6	4	5
Manufactured	35	54	66
Czechoslovakia—			
Unmanufactured	3,349	8,948	6,063
Spun and woven	10	10	15
Paper and board	28	22	74
Other manufactures	21	32	43

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Denmark—			
Unmanufactured	2,084	2,368	2,642
Spun and woven	21	37	59
Paper and board	387	366	441
Estonia—			
Unmanufactured	33	63	100
Manufactured	44	53	106
Finland (including mica) (b)—			
Unmanufactured	214	143	255
Manufactured	235	211	353
France—			
Unmanufactured	11,936	15,100	17,795
Spun and woven	45	36	41
Paper and board	119	70	69
Brake linings, etc	93	126	108
Germany—			
Unmanufactured	21,540	16,280	23,645
Spun and woven	16	17	19
Paper and board	65	14	96
Paint and cement products	—	1	—
Other manufactures	15	15	14
Greece	89	70	126
Hungary—			
Unmanufactured	886	754	(a)
Manufactured	217	157	257
Iceland—			
Manufactured	15	(a)	(a)
Italy—			
Unmanufactured	5,054	4,485	8,473
Spun and woven	145	77	213
Paper and board	197	148	212
Cement products	69	38	47
Other manufactures	4	13	12
Latvia—			
Unmanufactured	87	371	648
Manufactured	69	52	64
Lithuania—			
Unmanufactured	21	44	80
Manufactured	39	120	68
Netherlands	420	593	1,926
Norway	840	1,509	1,146

(a) Information not available.

(b) Total imports.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Unmanufactured	869	1,108	1,838
Manufactured	93	85	120
Portugal—			
Unmanufactured	563	486	(a)
Manufactured	69	57	(a)
Roumania—			
Unmanufactured	95	135	106
Manufactured	163	214	206
Spain—			
Unmanufactured	4,957	(a)	(a)
Spun and woven	98	(a)	(a)
Other manufactures	134	(a)	(a)
Sweden—			
Unmanufactured	3,530	2,665	4,709
Manufactured	1,316	1,294	1,628
Switzerland (including mica)—			
Unmanufactured	1,034	1,020	1,151
Manufactured	678	567	708
U.S.S.R.—			
Unmanufactured	4	1	32
Manufactured	33	29	64
Yugoslavia—			
Unmanufactured	1,585	386	1,661
Spun and woven	52	48	66
Paper and board	117	125	136
Other manufactures	20	19	28
Algeria—			
Unmanufactured	44	48	36
Manufactured	46	69	75
Egypt—			
Unmanufactured	145	108	80
Paper and board	192	84	153
Other manufactures	(£13,395)	(£13,618)	(£16,234)
Mexico—			
Unmanufactured	265	541	737
Manufactured	897	369	361
United States—			
Unmanufactured—			
Crude	3,519	7,064	12,791
Mill fibre	56,338	71,128	92,648
Other	88,882	139,310	168,836
Manufactured	183	367	789

(a) Information not available.

IMPORTS OF ASBESTOS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Argentina—			
Spun and woven	391	362	691
Paper and board	581	844	991
Brazil (total imports)—			
Unmanufactured	31	38	40
Manufactured	797	1,346	1,980
Chile—			
Unmanufactured	1	11	2
Manufactured	508	562	1,195
Colombia—			
Unmanufactured	39	64	104
Manufactured	263	113	418
Uruguay—			
Unmanufactured	24	111	(a)
Manufactured	31	61	(a)
Venezuela—			
Unmanufactured	2	7	(a)
Manufactured	2	1	(a)
China	555	672	640
French Indo-China—			
Manufactured	38	34	58
Japan (total imports)—			
Unmanufactured	21,287	25,761	43,105
Manufactured	423	404	411
Korea—			
Unmanufactured	179	451	1,330
“Manchoukuo”—			
Asbestos	1,691	1,221	2,217
Netherlands East Indies—			
Unmanufactured	51	60	95
Cement sheet	4,409	4,175	7,525
Philippine Islands	(£8,800)	(£11,900)	(£14,200)
Siam (total imports)—			
Cement sheets	760	667	636
Syria and Lebanon—			
Cement sheets, etc.	288	505	689
Other manufactures	4	7	8

(a) Information not available.

BARIUM MINERALS

PRODUCTION OF BARIUM MINERALS (Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Barytes, unground	41,881	37,250	36,875
Witherite, unground	9,409	8,751	11,882
Barytes—			
Ground, bleached	6,288	5,731	5,427
do. unbleached	20,554	21,338	19,124
Union of South Africa	556	574	561
India	5,493	5,114	15,689
Australia	2,544	2,157	3,103
FOREIGN COUNTRIES			
Austria	784	1,637	841
France	16,600	21,850	19,550
Germany—			
Baden	12,248	17,519	21,311
Bavaria	6,961	10,999	11,645
Prussia	321,786	385,910	404,149
Saxony	218	460	425
Thuringia	545	443	6,683
Wurtemberg	(a)	1,000	189
Greece	22,726	30,841	(a)
Italy	40,502	36,092	44,488
Norway	—	402	69
Portugal	—	10	99
Egypt	84	30	50
Cuba	—	(b) 256	3,788
United States	194,710	244,698	322,212
French Indo-China	—	39	44
Japan	—	3,776	(a)
Korea	10,853	5,032	(a)

Barytes is also produced in Czechoslovakia, Spain, China and U.S.S.R.

(a) Information not available.

(b) Exports.

EXPORTS OF BARIUM MINERALS, ETC.*

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unground barytes	53	13	244
Ground barytes	3,082	4,148	1,521
Dioxide	377	257	273
Barium compounds, excluding blanc fixe	4,834	3,702	5,858
British India—			
Barytes	—	500	2,100
FOREIGN COUNTRIES			
Austria—			
Barytes	85	151	151
Carbonate and chloride	5	3	—
Belgium-Luxemburg E.U.—			
Barytes, including Iceland spar and cryolite	365	530	259
Chloride	4,951	3,315	4,291
Sulphate	179	393	1,175
Sulphide	5	23	11
Czechoslovakia—			
Barytes	1,931	1,033	881
Chloride	93	119	721
Sulphate	108	70	168
France—			
Barytes	2,660	1,096	1,769
Barium compounds	1,127	1,585	1,598
Germany—			
Barytes and celestite	151,605	184,739	198,489
Witherite and strontianite	349	372	487
Carbonate	3,739	3,851	4,547
Chloride	2,803	2,608	2,529
Nitrate	739	383	435
Sulphate	5,142	5,599	7,060
Greece—			
Barytes	3,681	31,791	24,249
Hungary—			
Ground barytes	41	94	150

* For lithopone see "Zinc," page 428.

EXPORTS OF BARIUM MINERALS, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Sulphate	10,940	4,642	14,899
Chloride	1	1	11
Hydrate	306	132	64
Oxides	83	—	145
Sulphide	49	1	83
Latvia—			
Sulphate	1	6	3
Netherlands—			
Barytes	68	79	19
U.S.S.R.—			
Barytes	2,823	—	—
Yugoslavia—			
Barytes	2,190	2,299	2,332
do. ground	202	192	76
Algeria—			
Barytes	—	344	1,345
Cuba—			
Barytes	(a)	256	(a)
Korea—			
Barytes	8,909	9,455	10,872

(a) Information not available.

IMPORTS OF BARIUM MINERALS, ETC.*

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unground barytes	28,615	32,860	30,079
Ground barytes	16,520	19,946	24,070
Barium compounds, excluding blanc fixe	1,953	1,655	2,367
Eire—			
Ground barytes, including blanc fixe	654	771	842
Union of South Africa—			
Barytes	957	1,188	1,730
Carbonate and dioxide	52	56	113
Canada—			
Barytes	1,910	1,480	1,846
Blanc fixe	509	475	482
Dioxide	—	—	1
British West Indies—			
Trinidad and Tobago—			
Barytes	13,935	25,498	27,255
British India—			
Barytes	1,270	384	440
FOREIGN COUNTRIES			
Austria—			
Barytes	2,083	1,640	1,907
Carbonate	128	166	199
Chloride	393	230	350
Belgium-Luxemburg E.U.—			
Barytes, including Iceland spar and cryolite	33,415	32,749	39,356
Chloride	698	769	280
Dioxide	—	—	2
Sulphate	789	815	1,020
Sulphide	77	33	42
Czechoslovakia—			
Unground barytes	157	252	2,057
Ground barytes	935	1,252	1,218
Carbonate	245	321	478
Chloride	—	—	1
Sulphate	56	22	30

* For lithopone see "Zinc," page 432.

IMPORTS OF BARIUM MINERALS ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Denmark—			
Witherite	351	426	312
Chloride	59	41	65
Sulphate	1,392	938	1,066
Estonia—			
Barytes, ground	44	56	79
Sulphate	1	3	4
Finland (total imports)—			
Barytes	638	597	838
Witherite and magnesite	1,164	1,200	999
Chloride	42	20	25
France—			
Barytes	32,615	33,002	20,187
Witherite	135	399	555
Chloride	1,212	1,006	820
Hydrate	59	65	68
Nitrate	55	12	—
Sulphate	485	533	712
Sulphide	49	48	2
Germany—			
Barytes and celestite	2,493	3,200	385
Witherite and strontianite	821	50	43
Carbonate and sulphate	3	5	—
Hungary—			
Ground barytes	684	781	454
Sulphate	153	145	304
Italy—			
Carbonate	373	187	281
Chloride	197	77	75
Oxide and dioxide	64	26	35
Sulphate	292	216	259
Sulphide	36	—	—
Latvia—			
Barytes	122	157	102
Witherite	6	1	1
Carbonate	14	3	5
Chloride	19	2	7
Oxide	18	9	11
Sulphate	10	10	8
Lithuania—			
Barytes and witherite	88	34	130
Netherlands—			
Barytes	22,549	17,216	21,249
Blanc fixe	(a)	(a)	1,390

(a) Information not available.

IMPORTS OF BARIUM MINERALS, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Barytes and witherite	3,559	3,480	3,355
Carbonate	60	83	76
Chloride	24	1	31
Oxide	49	20	30
Sulphate	231	156	135
Portugal—			
Barytes	401	528	(a)
Chloride	47	73	(a)
Dioxide	6	3	(a)
Sulphate	266	160	(a)
Roumania—			
Carbonate	11	6	28
Chlorate	2	—	—
Chloride	167	96	69
Sulphate	28	53	36
Sweden—			
Barytes and witherite	1,550	1,518	1,798
U.S.S.R.—			
Barytes and witherite	5	53	—
Dioxide	202	295	(a)
Sulphate	27	—	(a)
Yugoslavia—			
Ground barytes	10	—	65
Chloride	77	—	—
Algeria—			
Barytes	124	39	26
Chloride	10	—	—
Oxide, etc.	98	172	149
Sulphate	124	—	1
Mexico—			
Barytes	(a)	(a)	417
United States—			
Unground barytes	42,007	30,217	58,029
Ground barytes	2,995	2,565	2,958
Witherite	2,352	2,200	4,068
Sulphate	125	110	97
Barium compounds	840	748	751
Argentina—			
Barytes	4,841	3,254	6,554
Sulphate	274	272	269
Barium compounds	1,180	1,108	1,327
Brazil—			
Chloride	29	69	57

(a) Information not available.

IMPORTS OF BARIUM MINERALS, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Chile—			
Sulphate	1	3	4
Carbonate	5	13	26
Chloride	11	—	60
Oxides	16	20	29
Peru—			
Barium compounds	109	94	122
Uruguay—			
Dioxide	18	29	(a)
Sulphate	401	369	(a)
China—			
Carbonate	9	6	2
Chloride	3	6	6
French Indo-China—			
Barytes	4	—	6
Chloride	14	16	9
Sulphate	14	12	11
Netherlands East Indies—			
Chloride	15	12	16
Turkey—			
Barium compounds	10	14	3

(a) Information not available.

BISMUTH

PRODUCTION OF BISMUTH ORE, ETC.*

(Cwt.)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Union of South Africa—			
Ore (<i>Bi content</i>)	4	—	368
Canada—			
Metal and content of bullion ..	123	3,251	51
Burma—			
Ore	2	1	2
Australia—			
Ore, etc.	470	361	180
FOREIGN COUNTRIES			
Germany (Saxony)—			
Ore (<i>Bi content</i>)	80	(a)	(a)
Norway—			
Copper ore (<i>Bi content</i>)	16	11	7
Roumania—			
Ore	280	900	530
Mexico—			
Ore (<i>Bi content</i>)	4,204	3,259	2,789
Argentina—			
Ore (<i>Bi content</i>)	650	310	(a)
Bolivia (exports)—			
Ore, etc. (<i>Bi content</i>)	412	1,257	610
Peru—			
Lead-silver bullion, etc. (<i>Bi content</i>)	193	166	(b) 362
Metal	2,966	7,341	(b) 1,751
Japan—			
Metal	1,060	1,100	(a)

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

(a) Information not available.

(b) Exports.

EXPORTS OF BISMUTH, ETC.

(Domestic Produce)

(Cwt.)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Bismuth	1,236	2,021	2,113
Hong Kong (including re-exports)—			
Ore	394	1,101	758
FOREIGN COUNTRIES			
France—			
Bismuth	22	157	26
Bismuth salts	911	394	752
Germany—			
Bismuth salts	1,695	1,685	1,451
Italy—			
Bismuth salts	4	18	2
Spain—			
Bismuth	894	(a)	(a)
Argentina—			
Ore	159	—	14
Bolivia—			
Ore, etc. (<i>Bi content</i>)	412	1,257	610
Peru—			
Bismuth	2,593	7,592	2,114

(a) Information not available.

IMPORTS OF BISMUTH, ETC.

(Less Re-exports)

(Cwt.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Bismuth	5,556	5,729	4,101
Canada—			
Bismuth	18	(29lb.)	(34lb.)
Bismuth salts	(£2,359)	(£3,432)	(£3,540)
Hong Kong (total imports)—			
Ore	573	589	600
Australia—			
Bismuth salts	407	368	173
New Zealand—			
Bismuth and its salts (£ N.Z.) ..	(£5,370)	(£4,872)	(a)
FOREIGN COUNTRIES			
Estonia—			
Bismuth salts	10	10	14
France—			
Bismuth	831	4,191	779
Bismuth salts	4	2	6
Germany—			
Bismuth salts	2	6	—
Italy—			
Bismuth salts	165	333	177
Latvia—			
Bismuth salts	24	19	21
Poland—			
Bismuth salts	41	41	12
Roumania—			
Bismuth salts	201	265	160
Spain—			
Bismuth salts	108	(a)	(a)
U.S.S.R.—			
Bismuth	473	531	(a)
Algeria—			
Bismuth salts	4	8	2

(a) Information not available.

IMPORTS OF BISMUTH, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Mexico—			
Bismuth	3	4	2
Bismuth salts	—	89	108
United States—			
Bismuth	911	1,013	600
Bismuth salts	8	5	3
Argentina—			
Bismuth	104	83	94
Bismuth salts	252	203	328
Chile—			
Bismuth	—	2	10
Bismuth salts	40	61	40
Colombia—			
Bismuth salts	(a)	53	76
Peru—			
Bismuth salts	29	49	24
Turkey—			
Bismuth	2	1	2
Bismuth salts	51	58	61

(a) Information not available.

BORATES

PRODUCTION OF CRUDE BORATES

(Long tons)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Germany—			
Boracite	15	15	(a)
Italy—			
Boric acid	5,487	6,138	6,174
U.S.S.R.—			
Borates	4,500	(a)	(a)
United States—			
Borates	243,721	280,142	320,445
Argentina—			
Borate of calcium	1,251	5,861	(a)
Tibet (b)—			
Borax	276	196	249
Turkey—			
Borates	5,002	6,382	4,590

(a) Information not available.

(b) Imports into India from Tibet.

EXPORTS OF BORATES

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Borates	3	—	8
Borax	2,346	1,958	1,911
Boric acid	748	560	701
British India—			
Borax	32	28	63
Hong Kong (including re-exports)—			
Borax	281	484	198
FOREIGN COUNTRIES			
Austria—			
Borax	6	3	12
Boric acid	4	32	3
Belgium-Luxemburg E.U.—			
Borax	197	204	723
Boric acid	—	1	2
Czechoslovakia—			
Borax and boric acid	1	15	3
France—			
Borax, borates and boric acid ..	2,049	933	1,554
Germany—			
Borax and boric acid	1,776	1,757	2,608
Italy—			
Borax	859	1,385	1,939
Boric acid	1,035	1,221	1,620
Perborates	(a)	155	310
Netherlands—			
Borax	144	181	421
Sweden—			
Borax and boric acid	3	6	2
U.S.S.R.—			
Boric acid	18	2	(a)
United States—			
Crude borates and borax ..	102,185	91,090	137,297
Boric acid	3,911	4,133	7,073
Argentina—			
Borate of calcium	369	3,671	5,964

(a) Information not available.

EXPORTS OF BORATES (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Japan—			
Borax	1,060	429	265
Boric acid	129	111	67
Tibet (<i>c</i>)—			
Borax	276	196	249
Turkey—			
Borates	(<i>b</i>)	(<i>b</i>)	(<i>b</i>)

(*a*) Information not available.

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

	(Long tons)		
	1935	1936	1937
United Kingdom	2,050	2,882	2,516
France	2,638	2,099	(<i>a</i>)
Germany	1,477	887	549

(*c*) Imports into India from Tibet.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Borates	14,942	17,353	23,637
Borax	9,139	8,802	13,125
Boric acid	2,001	2,043	3,195
Eire—			
Borax	148	161	173
Boric acid	50	70	77
Southern Rhodesia—			
Borax	89	91	107
Boric acid	3	1	3
Union of South Africa—			
Borax	335	365	427
Boric acid	124	134	178
Canada—			
Borax	2,384	3,054	3,012
Boric acid	526	397	825
British India—			
Borax (c)	1,971	1,323	2,042
Burma—			
Borax	(b)	(b)	(b)36
Hong Kong (total imports)—			
Borax	400	584	684
Australia—			
Borax	1,409	1,751	1,741
Boric acid	612	447	332
New Zealand—			
Borax	176	348	(a)
Boric acid	68	43	(a)
FOREIGN COUNTRIES			
Austria—			
Borax	546	436	651
Boric acid	65	81	40
Perborate of sodium	429	499	468
Belgium-Luxemburg E.U.—			
Borax	2,247	3,295	3,590
Boric acid	271	275	271
Perborate of sodium	261	206	170
Bulgaria—			
Borax and boric acid	84	75	130

(a) Information not available.

(b) Included with India prior to April 1, 1937.

(c) Includes trade by land as recorded.

IMPORTS OF BORATES (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Borax	2,815	1,297	3,612
Boric acid	326	157	287
Denmark—			
Borates	259	305	77
Borax and boric acid	154	143	124
Estonia—			
Borax and boric acid	23	31	18
Finland (total imports)—			
Borax	265	242	313
Boric acid	39	48	62
France—			
Borax and borates	9,959	11,218	13,815
Perborate of sodium	71	21	30
Boric acid	457	344	658
Germany—			
Borates	29,593	36,192	35,679
Borax and boric acid	9,826	5,827	9,843
Greece—			
Borax	158	79	198
Hungary—			
Borax and borates	766	639	(a)
Boric acid	85	137	277
Italy—			
Borax	6	2	3
Boric acid	3	1	—
Perborates	(a)	5	15
Latvia—			
Borax and boric acid	85	77	111
Perborate of sodium	37	30	31
Lithuania—			
Borax and boric acid	78	104	104
Netherlands—			
Borax	2,383	3,444	3,236
Norway—			
Borax	181	257	243
Boric acid	55	61	78
Poland—			
Boron minerals and borax	1,506	1,138	2,748
Boric acid	1	2	2
Portugal—			
Borates	577	544	(a)
Boric acid	46	47	(a)

(a) Information not available.

IMPORTS OF BORATES (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Roumania—			
Borax	294	266	389
Boric acid	53	91	99
Spain—			
Boric acid	58	(a)	(a)
Borates	436	(a)	(a)
Sweden—			
Borax	1,268	1,111	1,022
Boric acid	188	157	206
Switzerland—			
Borax	1,172	1,260	817
U.S.S.R.—			
Borates	2,684	71	993
Yugoslavia—			
Borax	387	494	585
Boric acid	17	26	11
Algeria—			
Borax and boric acid	18	18	24
Egypt—			
Borax	65	108	162
Boric acid	40	31	23
Mozambique—			
Borax	2	1	2
Tunis—			
Borax	10	14	10
Boric acid	2	4	4
Mexico—			
Borax	540	414	608
Boric acid	43	70	92
United States—			
Boric acid	13	3	3
Argentina—			
Borax	7	47	18
Boric acid	7	9	14
Brazil (total imports)—			
Borax	779	682	946
Boric acid	171	140	150
Chile—			
Borates	45	14	36
Boric acid	1	1	1

(a) Information not available.

IMPORTS OF BORATES (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Colombia—			
Borates	(a)	43	73
Perborate of sodium	(a)	4	2
Boric acid	(a)	30	48
Peru—			
Borax	18	22	31
Boric acid	33	(a)	(a)
Uruguay—			
Borax	8	4	(a)
Borate of calcium	123	129	(a)
Venezuela—			
Borax	3	4	(a)
Boric acid	16	19	(a)
China—			
Borax	1,382	1,384	2,271
Boric acid	213	309	394
French Indo-China—			
Borax	180	239	208
Boric acid	3	6	4
Japan (total imports)—			
Borax	10,754	8,589	11,628
Boric acid	266	213	254
Netherlands East Indies—			
Borax	42	48	55
Syria and Lebanon—			
Borax	1	6	5
Boric acid	7	14	6

(a) Information not available.

CADMIUM

PRODUCTION OF CADMIUM
(Lb. avdp.)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	—	49,956	273,688
South West Africa (d) ..	320,000	218,000	305,000
Canada	580,530	785,916	745,207
Australia	489,666	555,180	464,311
FOREIGN COUNTRIES			
Belgium	332,898	452,000	598,000
France	266,759	185,000	218,000
Germany	364,000	668,000	783,000
Italy	35,300	33,000	44,000
Norway	260,143	224,598	339,935
Poland	248,458	310,000	274,000
U.S.S.R.	26,400	250,000	(a)
United States—			
Metal	3,477,091	3,633,495	3,995,739
Compounds (metal content)	507,400	626,800	828,000
Mexico (b)	1,317,321	1,172,894	1,366,407

Cadmium is also produced in Sweden and Japan.

(a) Information not available.

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

(d) Estimated cadmium content of shipments of dust from stock to Germany.

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

Exporting Country	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	11,224	59,603	142,933
South West Africa (flue dust)	1,147,700	705,500	960,900
Australia	416,192	483,504	421,904
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U. ..	403,900	647,100	1,038,600
France	126,800	29,300	45,400
Poland	316,400	308,600	296,700
Mexico (b)	1,317,321	1,201,120	1,366,407

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

IMPORTS OF CADMIUM, ETC.

(Less Re-exports)

(Lb. avdp.)

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Cadmium	639,797	673,838	676,513
Cadmium mass	112,000	87,360	85,120
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U. ..	32,600	5,500	48,300
France.. .. .	139,300	261,700	234,800
Italy (cadmium salts) ..	1,800	2,000	700
Poland	1,500	1,100	—
U.S.S.R.	238,100	246,900	(a)
United States.. .. .	185,387	576,139	828,535
Argentina (cadmium salts) ..	1,389	948	849
Chile (cadmium salts) ..	40	26	37
Turkey—			
Cadmium	75	42	280
Cadmium salts	174	631	88

(a) Information not available.

CHINA CLAY

PRODUCTION OF CHINA CLAY

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	707,572	746,922	830,946
Union of South Africa	226	344	413
Canada	152	—	—
Burma	133	788	(a)
Federated Malay States	91	121	264
India	14,302	17,217	17,081
Unfederated Malay States	5	—	30
Australia	14,661	35,336	16,688
FOREIGN COUNTRIES			
Austria (exports)	22,216	19,622	19,537
Belgium (e)	15,363	18,848	(a)
Bulgaria	5,271	1,892	3,492
Czechoslovakia (estimated)	350,000	400,000	450,000
Denmark—			
Crude	34,900	27,700	32,300
Washed and pressed	9,800	8,500	9,100
France	110,500	122,900	124,450
Germany—			
Bavaria	657,205	141,913	157,265
Prussia	68,074	76,795	90,521
Saxony—			
Crude	47,622	45,855	47,653
Washed	44,101	50,298	59,892
Thuringia—			
Sand	(a)	5,018	6,392
Italy—			
Crude	65,407	113,136	130,605
Washed and ground (c)	5,000	(a)	(a)
Kaolinic earth	787	6,017	2,657

(a) Information not available.

(c) Derived from crude and stocks.

(e) "Eurite" and kaolin.

PRODUCTION OF CHINA CLAY (*Cont.*)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Portugal—			
Washed	13,236	11,442	10,723
Kaolinic sand	340	384	453
Roumania (<i>d</i>)	13,288	11,130	(<i>a</i>)
Sweden	2,712	2,668	(<i>a</i>)
Algeria	1,253	2,570	1,634
United States (<i>f</i>)	467,550	570,481	653,823
Argentina	604	426	(<i>a</i>)
Brazil	(<i>a</i>)	(<i>a</i>)	1,593
Chile	6,807	7,900	(<i>a</i>)
Japan (estimated)	400,000	400,000	400,000
Korea	32,873	24,322	(<i>a</i>)
Netherlands East Indies	12	9	(<i>a</i>)

China clay is also produced in U.S.S.R., China and "Manchoukuo."

(*a*) Information not available.

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

(*f*) Sales of china clay and paper clay.

EXPORTS OF CHINA CLAY

*(Domestic Produce)**(Long tons)*

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	430,465	449,375	534,573
British Malaya (b)	43	44	76
FOREIGN COUNTRIES			
Austria	22,216	19,622	19,537
Belgium-Luxemburg E.U.	5,036	9,091	4,412
Czechoslovakia	163,286	188,387	232,138
Denmark	4,558	3,284	3,695
France	5,437	1,385	3,607
Germany	29,431	32,741	29,552
Italy	21	24	13
Poland	1,537	996	1,857
Portugal	1,551	814	(a)
Spain	36	(a)	(a)
Sweden	3	4	5
U.S.S.R.	28,248	20,065	(a)
Algeria	1,306	1,291	1,424
Argentina	6	—	3

(a) Information not available.

(b) Including re-exports.

IMPORTS OF CHINA CLAY

(Less Re-exports)

(Long tons)

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	116	123	246
Union of South Africa (d) ..	274	370	345
Canada	31,647	37,224	49,281
Newfoundland (c)	(£8,113)	(£35,321)	(£39,570)
British India	23,513	23,058	31,794
British Malaya (total imports)	131	112	188
Burma	(b)	(b)	(b)17
FOREIGN COUNTRIES			
Austria	4,336	4,430	6,426
Belgium-Luxemburg E.U. ..	48,111	51,115	50,340
Czechoslovakia	2,882	3,948	4,289
Denmark—			
Crude	1,479	1,429	495
Washed	6,502	6,710	8,521
Estonia	2,546	2,187	3,613
Finland (total imports) ..	16,771	16,087	27,387
France	57,219	62,920	74,682
Germany	182,260	210,242	233,156
Italy	49,924	16,887	50,279
Latvia	6,585	7,278	8,234
Lithuania	555	506	532
Norway	19,750	19,473	20,854
Poland	76,751	79,197	102,286
Portugal	123	153	(a)
Spain	20,362	(a)	(a)
Sweden	33,582	29,469	39,495
Yugoslavia	2,687	3,120	3,534
Algeria	10	27	—
United States	112,467	124,819	130,824
Argentina	1,539	2,815	5,515
Chile	14	36	52
Colombia	16	17	18
Peru	(a)	81	168
Uruguay	75	131	(a)
French Indo-China	914	1,878	1,684
Netherlands East Indies ..	887	1,042	1,470

(a) Information not available.

(b) Included with India prior to April 1, 1937.

(c) Years ended June 30.

(d) Including Cornish or china stone.

CHROME ORE AND CHROMIUM

PRODUCTION OF CHROME ORE

(Long tons)

Producing Country.	1935	1936	1937	Estimated Cr ₂ O ₃ content*		
				1935	1936	1937
BRITISH EMPIRE						
United Kingdom ..	—	—	300	—	—	75
Sierra Leone (shipments)	—	—	729	—	—	328
Southern Rhodesia ..	104,240	180,499	271,265	51,100	88,400	132,900
Union of South Africa	89,003	172,896	165,958	39,188	75,746	74,349
Cyprus	1,179	500	1,615	600	250	800
Canada	1,021	824	(d)	(a)	(a)	(a)
India	39,127	49,486	62,307	20,000	25,000	31,000
Australia	595	415	459	(a)	(a)	(a)
Total	235,000	405,000	403,000			
FOREIGN COUNTRIES						
Bulgaria	320	266	2,313	150	120	1,064
Greece (b)	29,309	46,599	55,061	11,637	18,109	22,000
Norway	—	—	173	—	—	78
U.S.S.R. (e)	181,500	216,000	(a)	(a)	(a)	(a)
Yugoslavia	51,540	53,190	58,918	24,700	18,400	28,000
Cuba (f)	42,081	69,257	93,098	12,000	19,000	30,179
United States ..	515	269	2,321	200	100	1,000
Brazil (exports) ..	5	3,829	837	(a)	(a)	(a)
Japan	35,736	37,868	(a)	14,300	15,100	(a)
Philippine Islands ..	(c) 1,272	2,873	75,209	570	1,300	34,000
Turkey	148,096	161,292	189,468	74,000	81,000	90,000
New Caledonia ..	54,437	47,000	47,264	27,200	24,000	24,000
Total	545,000	640,000	(a)			
WORLD'S TOTAL ..	780,000	1,040,000	(a)			

* 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) Figures for 1937 refer to exports.

(c) Exports.

(d) Recorded by value only (£8,755)

(e) Probably includes some ore needing concentration.

(f) Figures for 1935 refer to exports and for 1937 are imports into the United States from Cuba.

EXPORTS OF CHROME ORE, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Chromium metal	(a)	(a)	29
Chromates of potash	546	402	350
Chromates of soda	988	1,124	1,279
Southern Rhodesia—			
Ore	105,247	171,350	254,729
Union of South Africa—			
Ore	(c) 96,000	97,675	166,859
British India (b)—			
Ore	26,054	24,988	37,085
Cyprus—			
Ore	—	5	481
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.—			
Chromates of potash and soda ..	577	452	245
France—			
Ore	87	488	73
Ferro-chrome	1,037	1,005	1,063
Chromates, chrome alum, etc. ..	315	196	184
Germany—			
Chromates of potash and soda, and oxides of chromium	6,179	5,585	6,068
Greece—			
Ore	31,479	47,197	55,061
Italy—			
Chrome alum	25	27	149

(a) Information not available.

(b) Excluding chrome ore mined in British India, but exported via the Portuguese port of Mormugao—1935, 15,156 tons—1936, 13,890 tons—1937, 13,282 tons.

(c) Estimated.

EXPORTS OF CHROME ORE, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Chromium compounds	137	2	22
Norway—			
Ferro-chrome	11,672	10,862	14,647
Poland—			
Ferro-chrome	799	412	86
Sweden—			
Ore	61	488	—
Ferro-chrome	11,163	12,439	12,916
Chromates and chrome alum ..	4	37	103
Switzerland—			
Ferro-chrome, including ferro-silicon	648	717	738
U.S.S.R.—			
Ore	11,299	—	(a)
Chrome alum	29	146	(a)
Chromates	2,638	3,079	(a)
Yugoslavia—			
Ore	21,613	23,405	24,358
Ferro-chrome	144	338	1,046
Cuba—			
Ore	42,081	71,828	(b) 93,098
United States—			
Chromates of soda	3,259	2,925	2,822
Brazil—			
Ore	5	3,829	837
French Indo-China—			
Ore	—	—	108
Japan—			
Bichromates of potash and soda ..	1,453	1,575	863
Chrome alum	745	1,072	941
Philippine Islands—			
Ore	1,272	11,703	68,752
Turkey—			
Ore	143,422	147,278	195,325
New Caledonia—			
Ore	72,803	76,540	69,337

(a) Information not available.

(b) Imports into the United States from Cuba.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore	25,832	40,907	44,770
Ferro-chrome	10,077	14,343	18,072
Chromates of potash	227	58	149
Chromates of soda	2,881	1,672	1,723
Canada—			
Bichromate of potash	68	62	61
Bichromate of soda	1,176	1,321	1,321
British India (total imports)—			
Bichromate of potash	287	292	278
Bichromate of soda	804	793	994
Australia—			
Ore	954	3,317	2,026
Bichromate of potash	68	73	77
FOREIGN COUNTRIES			
Austria—			
Ferro-chrome	1,531	1,609	2,503
Chrome alum and sulphate	9	13	10
Chromates of potash and soda	109	396	402
Belgium-Luxemburg E.U.—			
Chromates of potash and soda	725	1,020	684
Bulgaria—			
Chromates of potash	49	45	54
Czechoslovakia—			
Ore	7,747	5,926	10,912
Chromates of potash and soda	2	2	2
Denmark—			
Chromates of potash and soda	191	172	156
Estonia—			
Chromates	44	48	41
Finland (total imports)—			
Ferro-chrome	23	24	3
Chromates of potash and soda	200	260	335
Chrome alum and sulphate	137	130	207
France—			
Ore	34,175	46,083	37,568
Ferro-chrome	122	19	267
Chromates of potash and soda	733	722	400
Other chromates	63	63	52
Chrome alum	425	405	150

IMPORTS OF CHROME ORE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Germany—			
Ore	93,932	121,426	130,075
Chromates of potash and soda, and oxides of chromium ..	414	331	10
Hungary—			
Chromates of potash, soda and ammonia.. .. .	831	719	864
Italy—			
Ferro-chrome	315	645	1,132
Chromates of potash, soda and ammonia.. .. .	26	2	2
Latvia—			
Chrome alum	145	65	101
Chromates	52	49	76
Netherlands—			
Chromium compounds	1,525	1,125	1,399
Norway—			
Ore	37,575	41,290	32,201
Poland—			
Ferro-chrome	125	150	84
Chromates	142	187	70
Portugal—			
Chromates of potash and soda ..	63	76	(a)
Chrome alum	47	17	(a)
Roumania—			
Chrome alum	239	217	101
Chromium compounds	510	325	421
Spain—			
Chromates	1,083	(a)	(a)
Sweden—			
Ore	40,542	49,888	70,687
Ferro-chrome	1,481	1,446	1,485
Chrome alum	241	138	104
Chromates	303	318	446
Switzerland—			
Ferro-chrome and ferro-silicon	1,645	1,889	2,522
U.S.S.R.—			
Ferro-chrome	2,898	—	(a)

(a) Information not available.

IMPORTS OF CHROME ORE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Ore	572	—	—
Chromates of potash and soda ..	99	1	3
Chrome alum	259	22	142
Algeria—			
Chromates	10	18	13
Egypt—			
Chromates of potash and soda ..	379	343	439
United States—			
Ore	259,063	324,258	553,916
(Cr_2O_3 content)	116,277	141,198	247,056
Ferro-chrome (<i>Cr</i> content) ..	30	70	260
Metal and alloys	49	57	78
Argentina—			
Bichromate of potash	134	106	193
Bichromate of soda	153	262	399
Chrome alum	91	32	103
Brazil—			
Chromates of potash and soda ..	(a)	243	443
Other chromium salts	(a)	43	123
Chile—			
Ferro-chrome	28	28	25
Bichromate of potash	57	65	48
Bichromate of soda	190	135	243
Peru—			
Chromium compounds	128	87	137
China—			
Bichromate of potash	180	270	229
Bichromate of soda	319	357	336
Chrome alum	772	875	1,054
French Indo-China—			
Chromates	12	10	29
Chrome alum	28	41	23
Japan (total imports)—			
Bichromate of potash	84	29	—
Bichromate of soda	242	204	5
Syria and Lebanon—			
Chromates	45	20	47
Turkey—			
Chrome alum	18	84	23

(a) Information not available.

COAL, COKE AND BY-PRODUCTS

PRODUCTION OF COAL

(Including Brown Coal and Lignite)

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Anthracite	6,798,415	6,525,225	6,335,776
Bituminous	215,453,637	221,928,387	234,074,863
Eire—			
Anthracite	85,738	95,214	104,966
Semi-bituminous	26,985	29,509	20,958
Nigeria	257,819	291,651	363,181
Southern Rhodesia	683,654	693,947	1,013,086
Union of South Africa	13,359,509	14,607,313	15,246,129
Canada—			
Bituminous	8,704,322	9,639,406	} 14,139,245
Sub-bituminous	505,737	505,567	
Lignite	3,189,946	3,452,511	
British Borneo—			
Brunei	838	184	444
Federated Malay States	377,441	502,823	627,890
India—			
Gondwana Coalfields	22,607,552	22,212,457	24,571,343
Tertiary Coalfields	409,143	398,364	465,043
Used by miners	575,000	565,000	(a)
Australia—			
Bituminous	10,887,954	11,370,409	12,074,274
Lignite	2,221,515	3,044,897	1,502,573
New Zealand—			
Bituminous	825,227	858,857	969,984
Brown coal	1,170,805	1,150,071	1,186,320
Lignite	119,152	131,289	121,495
Total	288,000,000	298,000,000	313,000,000

(a) Information not available.

PRODUCTION OF COAL (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES			
Albania—			
Lignite	2,000	3,000	4,000
Austria—			
Bituminous	256,484	240,480	226,584
Brown coal	2,923,765	2,851,446	3,190,571
Belgium—			
Anthracite and semi-			
anthracite	5,158,236	5,981,898	} 29,212,860
Bituminous	20,929,493	21,445,070	
Bulgaria—			
Anthracite	2,188	2,286	2,502
Bituminous	89,318	98,379	116,021
Lignite	1,541,239	1,551,206	1,704,763
Czechoslovakia—			
Bituminous	10,722,420	12,039,975	16,683,453
Brown coal	14,874,878	15,696,878	17,756,758
France—			
Saar	(c) 1,673,228	—	—
Other districts—			
Bituminous (b)	45,482,687	44,512,354	43,618,141
Lignite	892,409	905,437	999,522
Germany (d)—			
Bituminous	140,744,275	155,782,899	181,598,670
Brown coal	144,748,744	158,847,655	182,105,895
Greece—			
Lignite	91,163	103,953	(a)
Hungary—			
Bituminous	809,825	813,783	903,000
Brown coal	6,146,993	6,501,139	} 7,928,000
Lignite	464,588	491,652	
Lignite (dehydrated)	118,992	122,277	(a)
Italy—			
Anthracite	69,042	78,709	93,559
Bituminous	366,477	714,696	855,654
Brown coal	536,867	756,425	1,042,502
Netherlands—			
Bituminous	11,690,250	12,600,340	14,095,085
Brown coal	84,843	87,377	140,798

(a) Information not available.

(b) Includes about 6,000,000 tons of anthracite each year.

(c) January to 17th February only, after which date production is included with that of Germany.

(d) Including production of the Saar from 18th February, 1935.

PRODUCTION OF COAL (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Bituminous	28,091,945	29,278,040	35,646,160
Brown coal	18,170	13,305	18,616
Portugal—			
Anthracite	202,139	204,450	228,260
Bituminous	5,390	8,165	17,168
Brown coal	19,476	20,395	22,439
Roumania—			
Anthracite	16,935	3,649	3,587
Bituminous	256,962	284,299	294,896
Brown coal	1,478,848	1,434,775	1,616,171
Lignite	161,589	210,645	232,870
Spain—			
Anthracite	690,000	(a)	(a)
Bituminous	6,214,994	(a)	(a)
Brown coal	299,028	(a)	(a)
Spitzbergen and Bear Island	697,607	771,471	770,000
Sweden	416,813	448,647	453,193
Switzerland (b)	4,000	3,000	4,000
U.S.S.R.—			
Anthracite	25,147,000	27,703,000	} 120,643,000
Bituminous	68,589,000	78,974,000	
Lignite	13,602,000	17,333,000	
Yugoslavia—			
Bituminous	393,624	434,384	432,405
Lignite	936,659	952,916	1,046,889
Brown coal	3,034,480	3,017,941	3,475,749
Algeria—			
Bituminous	37,316	6,791	13,374
Belgian Congo	11,136	13,682	35,917
Morocco (French)—			
Anthracite	51,864	49,621	105,458
Mozambique	15,250	8,161	(a)
Greenland	6,000	4,000	(a)
Mexico	1,124,847	1,276,000	(a)
United States—			
Anthracite	46,570,342	48,731,728	46,300,387
Bituminous and lignite ..	332,476,002	392,042,770	395,049,196
Brazil	744,998	651,738	750,742
Chile—			
Bituminous	1,682,710	1,655,761	} 1,969,384
Lignite	187,219	189,433	

(a) Information not available.

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

PRODUCTION OF COAL (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Colombia	(e)200,000	277,534	325,000
Peru—			
Anthracite	2,422	3,479	(a)
Bituminous	81,279	88,246	(a)
Venezuela (c)	5,000	7,000	11,737
China	12,000,000	12,000,000	(a)
Formosa	1,572,000	1,570,000	1,716,000
French Indo-China—			
Anthracite	1,714,400	2,116,108	2,229,000
Bituminous, etc.	33,300	34,876	42,000
Japan—			
Semi-anthracite and bituminous	37,166,085	37,466,000	(a)
Brown coal	106,812	(a)	(a)
Karafuto	1,491,709	(a)	(a)
Korea—			
Anthracite	1,062,283	1,035,240	(a)
Lignite	905,296	1,210,712	(a)
“Manchoukuo”	14,000,000	15,000,000	(a)
Netherlands East Indies	1,093,407	1,129,078	1,341,971
Philippine Islands	(a)	5,331	4,580
Turkey—			
Bituminous	2,303,526	2,262,345	2,270,435
Lignite	72,196	94,306	113,252
Total ..	1,020,000,000	1,120,000,000	1,200,000,000
WORLD'S TOTAL ..	1,310,000,000	1,420,000,000	1,510,000,000

(a) Information not available.

(c) Excluding production in government-owned mines.

(e) Estimated.

PRODUCTION OF COKE

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Great Britain—			
Gas-works (b)	11,983,114	12,731,591	12,943,190
Coke-ovens—coke	11,939,453	13,751,470	14,931,826
breeze	815,752	1,068,444	1,165,254
Northern Ireland—			
Gas-works (estimated) ..	70,000	70,000	70,000
Eire—			
Gas-works	120,000	130,904	136,229
Southern Rhodesia	38,620	19,797	55,145
Union of South Africa—			
Coke-ovens	63,759	74,268	107,409
Gas-works (e)	240,881	253,954	(a)
Canada—			
Gas-works—coke	246,873	217,579	} 2,294,494
breeze	16,305	11,870	
Coke-ovens—coke	1,637,251	1,801,207	
breeze	115,288	116,480	
Strait Settlements	9,177	9,467	9,974
India—			
Hard	1,766,821	1,811,291	(a)
Soft (c)	890,547	915,719	(a)
Australia (e)—			
Gas-works	622,710	651,278	(a)
Coke-ovens	787,206	858,993	(a)
New Zealand (d)—			
Gas-works	66,628	67,206	70,762
FOREIGN COUNTRIES			
Austria (gas-works)	501,245	537,302	576,938
Belgium—			
Coke-ovens	4,370,939	4,458,406	} 5,775,520
Semi-coke	3,356	2,096	
Breeze	463,925	708,904	
Bulgaria—			
Coke-ovens	1,678	1,656	4,478

(a) Information not available.

(b) Including coke breeze.

(c) Coke made at collieries only.

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

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

PRODUCTION OF COKE (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Gas-works	222,007	230,962	(a)
Coke-ovens	1,526,654	1,924,561	3,219,930
Brown-coal coke	2,674	69	—
Denmark (gas-works)	288,000	297,000	310,000
Estonia	2,420	(a)	(a)
Finland (gas-works)	59,007	58,857	66,217
France—			
Saar	(c) 349,230	—	—
Other districts—			
Gas-works	1,870,907	1,830,000	1,770,000
Coke-ovens	6,966,036	6,989,000	7,679,000
Germany(d)—			
Gas-works (b)	4,540,765	(a)	(a)
Coke-ovens	29,330,565	35,266,690	40,250,325
Brown-coal coke	978,211	1,972,419	2,698,163
Hungary—			
Gas-works	209,746	209,052	218,661
Brown-coal coke	22,618	23,752	34,538
Italy (coke-ovens)—			
Coke	982,611	1,191,592	1,666,285
Breeze	—	—	10,014
Latvia	12,167	13,953	16,646
Netherlands—			
Gas-works	700,000	700,000	700,000
Coke-ovens	2,832,734	3,005,226	3,311,741
Norway (gas-works)	67,229	69,860	(a)
Poland—			
Gas-works	172,000	(a)	(a)
Coke-ovens	1,364,815	1,590,082	2,091,949
Portugal (gas-works)	26,029	27,548	27,714
Roumania—			
Gas-works	20,217	14,250	(a)
Coke-ovens	45,195	62,216	76,599
Sweden	483,453	524,734	(a)
Switzerland—			
Gas-works	450,406	458,974	476,987
U.S.S.R.	16,476,300	19,569,000	(a)
Yugoslavia (gas-works)	22,000	22,000	22,000
Algeria (gas-works)	62,955	65,219	(a)

(a) Information not available.

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

(c) January–February only, after which production is included with that of Germany.

(d) Including production of the Saar from February 18, 1935.

PRODUCTION OF COKE (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Canary Islands	1,800	2,200	3,287
Tunis (gas-works)	6,791	7,332	8,002
Mexico	481,323	(a)	(a)
United States—			
Coke-ovens—			
Coke	31,376,126	41,317,129	46,751,873
Breeze and screenings	2,585,526	3,248,724	(a)
Argentina (gas-works)	53,500	47,500	49,500
Chile	61,271	64,224	70,193
Colombia	(c) 2,000	2,219	(c) 2,000
French Indo-China	256	107	128
Japan—			
Gas-works (b)	996,453	(a)	(a)
Coke-ovens	1,804,529	(a)	(a)
Korea	198,652	(a)	(a)
“Manchoukuo”	643,708	(a)	(a)
Turkey	33,121	36,820	73,611

(a) Information not available.

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

(c) Estimated.

PRODUCTION OF BRIQUETTES
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Great Britain.. .. .	857,031	713,778	813,543
Eire	(a)	2,702	10,556
Australia—			
Brown-coal briquettes ..	357,601	390,000	(a)
New Zealand.. .. .	10,500	21,106	31,083
FOREIGN COUNTRIES			
Belgium	1,346,995	1,535,254	1,808,804
Bulgaria—			
Brown-coal briquettes ..	42,336	40,376	46,362
Czechoslovakia—			
Coal briquettes	402,087	408,343	452,420
Brown-coal briquettes ..	185,489	186,315	260,496
France	7,872,175	8,383,000	7,831,000
Germany—			
Coal briquettes	5,479,577	5,948,849	6,779,639
Brown-coal briquettes ..	32,318,454	35,504,743	41,357,500
Hungary—			
Coal briquettes	71,244	66,248	} 367,620
Brown-coal briquettes ..	258,235	246,647	
Italy—			
Anthracite briquettes ..	24,388	29,961	13,964
Brown-coal briquettes ..	13,711	15,837	43,966
Netherlands—			
Coal briquettes	1,070,176	1,101,903	1,257,132
Brown-coal briquettes ..	30,857	30,697	48,757
Poland	189,251	164,763	206,041
Portugal (b)	167	895	7,649
Roumania	235,258	216,979	249,301
Spain	801,453	(a)	(a)
Yugoslavia—			
Coal briquettes	18,528	13,139	24,985
Brown-coal briquettes ..	—	—	35,500
Algeria	71,000	(a)	(a)
Tunis	57,802	75,800	81,507
United States	768,488	1,004,440	889,223
French Indo-China	70,000	102,997	130,142
Netherlands East Indies ..	45,532	55,341	54,475
Turkey	(a)	(a)	14,528

(a) Information not available.

(b) From domestic coal only. The amount made from imported coal is not available.

PRODUCTION OF COAL BY-PRODUCTS
(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Great Britain—			
Tar (quantity distilled)	1,805,935	1,962,946	2,094,950
Pitch	535,035	591,007	658,265
Ammonium salts expressed as sulphate (25½ % NH ₃) (b)	617,200	623,700	708,200
Benzol (refined)*	188,000	220,000	244,000
Creosote (estimated)	440,000	480,000	540,000
Eire—			
Tar	12,000	13,919	14,159
Ammonium sulphate	2,000	2,371	2,242
Tar oil, creosote oil, etc.	1,800	1,800	1,800
Union of South Africa—			
Tar*—coke-ovens	899	1,124	1,349
do.—gas-works (e)	10,073	9,816	(a)
Canada—			
Tar*	131,726	137,459	139,923
Ammonium sulphate	21,832	23,954	(a)
Benzol	11,944	11,744	(a)
Ammonia liquor	841	795	(a)
India (coke-ovens)—			
Ammonium sulphate	17,407	17,603	18,150
Australia—			
Tar (e)	107,473	108,213	(a)
Ammonium sulphate (e)	19,167	17,541	(a)
New Zealand (c)—			
Tar (gas-works)*	12,821	12,529	14,611
FOREIGN COUNTRIES			
Austria—			
Tar	30,000	31,700	(a)
Ammonium sulphate	4,976	6,212	(a)
Benzol	6,000	6,000	(a)
Liquid ammonia	208	221	(a)
Ammonium chloride	630	631	(a)
Belgium—			
Tar	164,550	174,519	(a)
Ammonium sulphate	60,273	65,322	(a)
Benzol	52,300	62,714	(a)

* See page 90.

(a) Information not available.

(b) Actual ammonium sulphate production in long tons was:—
1935, 422,000; 1936, 373,000; 1937, 512,000.

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

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

PRODUCTION OF COAL BY-PRODUCTS (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Tar—coke-ovens	64,847	83,513	131,964
gas-works	15,026	15,121	(a)
Pitch	69	57	421
Ammonium sulphate	22,305	27,399	41,470
Naphthalene	4,800	5,800	2,502
Benzol (crude)	18,757	24,861	35,210
Carbolic acid	151	177	260
Denmark—			
Tar	29,000	29,000	31,500
Estonia—			
Tar	227	(a)	(a)
Finland—			
Gas-works—			
Tar	2,274	2,567	3,081
Benzol	255	338	349
Ammonia	76	75	64
France—			
Tar	472,891	484,000	481,600
Ammonium sulphate	103,411	328,000	262,000
Benzol	84,337	86,295	88,146
Saar—			
Tar	127,409	(b)	(b)
Ammonium sulphate (coke-ovens)	24,749	(b)	(b)
Benzol	38,139	(b)	(b)
Germany—			
Tar—coke-ovens	1,177,535	1,404,386	1,520,000
brown coal	247,159	419,632	(a)
gas-works	256,802	258,000	280,000
Pitch	729,944	(a)	(a)
Ammonium sulphate and other ammoniacal salts	430,439	471,203	(a)
Benzol	401,219	413,954	500,000
Naphthalene	38,846	50,500	(a)
Phenol, cresol, etc.	13,055	18,900	(a)
Hungary—			
Benzol	1,512	2,151	(a)
Italy—			
Tar—coke-ovens	34,992	37,754	39,305
gas-works, etc.	57,092	(a)	(a)
Ammonium sulphate (c)	11,845	13,144	19,808
Benzol (c)	8,308	8,918	15,909

(a) Information not available.

(b) Included with Germany.

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

PRODUCTION OF COAL BY-PRODUCTS (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Latvia—			
Tar	765	869	935
Pitch	104	171	68
Benzol	56	181	147
Liquid ammonia	115	54	98
Luxemburg—			
Tar	2,000	2,000	2,000
Netherlands—			
Tar (estimated)	142,000	(a)	(a)
Pitch (estimated)	54,000	50,000	(a)
Ammonium sulphate	53,000	(a)	(a)
Benzol	26,800	28,800	(a)
Norway—			
Tar (gas-works)	4,928	5,037	(a)
Poland—			
Tar (crude)	94,500	103,000	125,000
Pitch	34,200	37,800	50,900
Ammonium sulphate	20,500	23,000	29,000
Benzol (crude)	23,300	27,000	33,000
Naphthalene (crude)	2,220	(a)	2,260
Phenol and cresol	807	630	1,053
Portugal—			
Tar (gas-works)	1,503	1,574	1,583
Roumania—			
Tar	2,773	7,597	(a)
Ammonia	154	155	(a)
Spain (incomplete figures)—			
Tar	39,000	(a)	(a)
Ammonium sulphate	17,000	(a)	(a)
Ammonia	2,000	(a)	(a)
Sweden—			
Tar	28,956	25,222	(a)
Pitch	573	643	(a)
Ammonium sulphate	4,461	4,930	(a)
Benzol	2,972	3,063	(a)
Switzerland—			
Tar (gas-works)	29,033	29,491	29,803
Benzol (estimated)	(a)	4,000	(a)
Yugoslavia—			
Tar (estimated)	1,500	1,500	1,500

(a) Information not available.

PRODUCTION OF COAL BY-PRODUCTS (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Tar	5,104	5,020	(a)
Ammonium sulphate	433	463	(a)
Benzol	374	354	(a)
Canary Islands—			
Tar	100	100	158
Tunis—			
Tar (gas-works)	684	738	797
Panama—			
Coke	150	150	150
United States (coke-ovens only)—			
Tar*	1,924,392	2,394,810	(a)
Pitch	100,316	61,017	(a)
Sulphate equivalent of ammonia produced	486,886	619,948	693,671
Benzol*	67,367	64,708	(a)
Motor fuel*	156,935	230,304	(a)
Naphthalene	5,776	16,764	(a)
Toluol*	52,374	64,730	(a)
Solvent naphtha*	12,796	16,632	(a)
Creosote*	53,620	72,101	(a)
Phenol*	338	300	(a)
Argentina—			
Tar	8,800	8,000	8,700
Pitch	2,096	1,506	2,628
Liquid ammonia (28 %)	886	935	915
Anhydrous ammonia	148	157	156
Chile—			
Tar	9,814	10,419	11,280
Turkey—			
Gas-works—			
Tar	2,244	2,185	(a)
Benzol	500	430	(a)
Creosote	(a)	1,267	(a)
Carbolic acid	(a)	28	(a)

* 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.

(a) Information not available.

EXPORTS OF COAL, COKE AND BY-PRODUCTS*

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Anthracite—			
small and sized	2,920,287	2,552,980	3,090,013
large	834,683	768,279	715,833
Bituminous—			
small and sized	14,685,688	13,632,887	15,142,770
unscreened	7,349,805	6,697,073	9,162,945
large	12,923,641	10,868,165	12,226,469
bunkers	12,526,170	11,947,525	11,703,003
Coke	2,448,924	2,314,015	2,449,862
Manufactured fuel	707,037	514,645	675,055
do. (bunkers)	161	179	50
Tar and pitch	514,256	576,853	700,132
Heavy coal-tar oils	115,463	166,038	186,815
Naphthalene	6,469	11,751	10,997
Carbolic acid—			
Crude	449	432	727
Crystals	349	282	636
Cresylic acid	7,863	10,720	12,203
Benzol	341	1,054	192
Eire—			
Coke	16,193	12,852	2,600
Tar and pitch	146	98	123
Creosote, etc.	602	461	377
Malta—			
Coal (bunkers on merchant ships)			
(c)	74,366	112,544	132,040
Coke	490	—	—
Kenya and Uganda—			
Coal (bunkers) (c)	3,804	6,375	1,323
Nigeria—			
Coal	36,728	46,975	44,234
do. (bunkers)	10,792	10,187	15,105
Sierra Leone—			
Coal (bunkers) (c)	41,468	41,569	74,276
Southern Rhodesia—			
Coal	296,345	330,763	445,450
Coke and patent fuel	42,188	15,917	44,045

* For ammonium sulphate, etc., see Nitrogen Compounds, pages 259-262.

(c) Foreign coal (see imports).

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Union of South Africa—			
Coal	1,136,411	1,051,822	792,555
do. (bunkers)	1,060,443	1,218,996	1,125,538
Coke	14,166	21,037	17,179
Tar and pitch	71	257	204
Canada—			
Coal (e)	364,086	358,152	308,416
Lignite	9,478	9,325	8,787
Coke	(b)25,894	16,263	32,999
Tar and pitch	21,758	15,551	10,976
Creosote oil	6,829	888	7,503
Other coal tar oils.. .. .	13,702	21,627	23,680
British West Indies—			
St. Lucia—			
Coal (bunkers) (c)	35,142	38,227	40,591
Trinidad and Tobago—			
Coal (bunkers) (c)	32,297	39,551	62,249
Coke and patent fuel	18	2	—
Aden (including re-exports)—			
Coal	68	22	812
do. (bunkers) (c) (d)	41,350	63,952	91,713
British Borneo—			
Brunei—			
Coal	25	49	3
Sarawak—			
Coke	4	6	2
British India—			
Coal	215,796	195,836	856,125
do. (bunkers—domestic produce)	551,727	520,032	556,103
do. (bunkers—foreign produce)	32,471	35,973	50,974
Coke	1,788	1,376	17,185
British Malaya (including re-exports)			
Coal	1,748	6,156	4,443
do. (bunkers) (c)	389,631	361,153	387,476
Coke	412	447	663
Tar and pitch	274	476	516

(b) Including petroleum coke from January to March.

(c) Foreign coal (see imports).

(d) Years ended March 31.

(e) Including bunkers to March 31, 1937.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Ceylon—			
Coal (bunkers) (c)	238,175	225,683	325,423
Cyprus—			
Coal (bunkers) (c)	1,219	126	155
Hong Kong (including re-exports)—			
Anthracite	13,933	2,944	4,015
Bituminous	52,468	24,693	29,787
do. (bunkers) (c)	330,970	337,989	379,113
Coke	1,775	1,143	1,441
Briquettes	—	20	—
Australia—			
Coal	324,894	302,802	373,889
do. (bunkers) (b)	575,419	614,333	605,425
Coke	18,372	17,021	25,042
Tar and pitch	952	3,138	1,414
New Zealand—			
Coal	66	2,466	20
do. (bunkers)	46,080	42,406	49,069
Coke	5	6	3
Tar	27	30	(a)
FOREIGN COUNTRIES			
Austria—			
Coal	109	17	154
Brown coal	629	469	659
Coke	18	6	5
Tar and pitch	8,650	6,867	13,448
Tar oils	3,946	2,900	2,602
Naphthalene	825	569	950
Carbolic acid	—	4	5
Carbolineum, creolin, etc.	20	11	6
Belgium-Luxemburg E.U.—			
Coal	3,875,776	4,287,129	4,059,982
do. (bunkers)	338,451	373,351	(d) 187,939
Brown coal	126	55	223
Coke	904,712	1,230,524	1,298,717
Briquettes	376,370	447,714	604,298
do. (bunkers)	62,838	68,848	(d) 22,703
Tar and pitch	80,089	111,017	87,483
Naphthalene	10,253	10,249	9,273
Distillates	68,941	83,044	93,578

(a) Information not available.

(b) Years ended June 30.

(c) Foreign coal (see imports).

(d) Bunkers for foreign ships only.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Bulgaria—			
Coal	904	474	3,400
Czechoslovakia—			
Coal	1,250,274	1,297,275	2,189,498
Brown coal	1,687,475	1,668,058	1,816,153
Coke	348,219	411,143	928,535
Briquettes	68,840	74,683	103,217
Tar and pitch	565	853	8,044
Benzol, etc.	5,232	4,627	13,307
Crude naphthalene	3,709	3,867	4,979
Crude carbolic acid	70	—	994
Cresol	395	505	480
Denmark—			
Tar and pitch	745	1,286	2,234
France—			
Coal	1,195,570	866,695	664,462
	(b)		
Brown coal	—	191	95
Coke	288,469	261,769	228,545
Briquettes	115,356	112,674	59,700
Coal, coke and briquettes—			
Bunkers (domestic produce)	19,789	16,244	(a)
do. (foreign produce)	994,939	943,176	(a)
Tar and pitch	9,757	886	1,230
Benzol, etc.	5,108	144	124
Naphthalene	1,005	272	355
Carbolic acid, etc.	266	740	402
Germany—			
Coal	26,128,822	27,867,806	37,636,160
do. (bunkers for foreign ships)	221,901	329,466	382,674
Brown coal	2,054	319	503
Coke	6,507,008	7,070,169	8,653,998
Coal briquettes	806,320	829,676	1,013,505
Brown-coal briquettes	1,188,412	1,108,079	1,127,313
Tar and pitch	59,102	128,183	163,099
Naphthalene	9,897	3,639	11,146
Carbolic acid	729	953	430
Cresol	3,807	2,023	1,975
Light coal-tar oils, etc.	2,807	4,979	1,909
Heavy coal-tar oils, etc.	17,208	21,619	66,639

(a) Information not available.

(b) Including exports from the Saar territory up to 17th February.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Hungary—			
Coal	19,699	18,931	33,576
Brown coal	179,899	176,220	206,090
Coke	9,925	7,679	8,377
Briquettes	1,495	586	1,339
Tar and pitch	445	516	66
Benzol	221	106	—
Italy—			
Coal	16,630	6,648	10,317
do. (bunkers for foreign ships)	15,717	573	4,156
Coke	1,033	367	1,760
Tar and tar oils	5,017	317	880
Naphthalene	18	76	263
Benzol, toluol and xylol ..	38	2	83
Carbolic acid and cresylic acid ..	16	7	21
Latvia—			
Coal	762	1,149	679
Netherlands—			
Coal	2,892,319	3,114,279	3,900,060
do. (bunkers) (b)	2,217,198	2,752,694	3,108,270
Coke	2,105,049	2,268,914	2,399,054
Briquettes	300,129	332,213	321,339
Brown-coal briquettes	4,015	4,128	22,033
Tar	5,936	7,851	6,629
Creosote	30,913	14,978	(c) 30,225
Naphthalene	4,844	6,439	6,844
Carbolic acid	30	62	280
Benzol	14,463	10,207	13,966
Toluol and xylol	2,386	2,442	3,251
Naphtha	284	273	258
Asphalt	11	112	263
Norway—			
Anthracite	—	99	199
Tar	17	562	133
Creosote	—	1	—

(b) Including imported coal.

(c) Including re-exports.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Bituminous coal	8,207,175	7,595,264	9,701,679
do. (bunkers)	558,480	634,975	1,127,985
Coke	301,488	351,117	362,320
Briquettes	4,381	4,889	3,490
Tar and pitch	327	10,361	30,006
Naphthalene	2,995	1,374	1,571
Carbolic acid, etc.	243	268	625
Benzol	12,871	12,547	16,125
Creosote, etc.	63	59	75
Portugal—			
Coal	44	208	(a)
do. (bunkers)	160,583	216,549	120,943
Tar and pitch	67	133	(a)
Roumania—			
Anthracite	—	335	21
Bituminous coal	77	10	217
Brown coal	—	2	3
Creosote, etc.	355	14	—
Spain—			
Coal	15,607	(a)	(a)
Coke	5	(a)	(a)
Tar and pitch	14	(a)	(a)
Spitzbergen—			
Coal (including bunkers)	624,793	692,562	673,000
Sweden—			
Anthracite	58	—	59
Bituminous coal	2,407	2,770	2,925
Coke	2,463	10,216	13,118
Tar, pitch, etc.	6,334	7,132	11,080
Benzol	1,521	1,678	1,464
Carbolic acid, etc.	—	17	41
Switzerland—			
Coal	38	48	1
Coke	126	63	24
Briquettes	134	198	82
Tar and pitch	4,294	4,233	400
Creosote, etc.	388	853	107
Naphthalene, etc.	313	321	400

(a) Information not available.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
U.S.S.R.—			
Anthracite	1,072,322	987,775	790,820
Other coal	1,075,599	785,961	462,275
Lignite, etc.	—	9,889	—
Briquettes	64,992	62,615	38,362
Tar and pitch	73,258	87,714	118,240
Solvent naphtha	835	240	—
Benzol, toluol and xylol	3,201	6,568	8,820
Carbolic acid	142	814	291
Naphthalene	4,971	4,881	3,753
Yugoslavia—			
Bituminous coal	2,884	1,973	1,924
Lignite	63,051	23,520	73,497
Brown coal	9,416	6,842	9,059
Coke	3	3	—
Briquettes	10	3	7,093
Tar and pitch	1	—	—
Creosote	41	18	12
Algeria—			
Coal	13,723	14,840	12,596
do. (bunkers)	111	397	377
do. do. (b)	900,453	708,245	796,413
Coke	74	51	2,258
Briquettes	1,363	660	4,318
do. (bunkers)	10	131	152
do. do. (b)	2,976	4,572	4,068
Tar	220	1,607	373
Benzol	41	—	—
Angola (b)—			
Coal	25	47	(a)
do. (bunkers)	13,872	27,732	(a)
Egypt—			
Coke	719	927	834
Briquettes	1,885	364	(a)
Tar	847	85	(a)
French West Africa (b)—			
Coal (bunkers)	66,785	226,169	241,176
Madagascar (foreign coal)—			
Coal (bunkers)	9,824	10,510	14,470

(a) Information not available.

(b) Foreign coal (see imports).

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Morocco (French)—			
Anthracite	12,104	21,759	70,329
Other coal	197	35	31
Briquettes	—	—	3,000
Tar	—	—	3
Mozambique—			
Coal	468	4,244	7,249
Réunion (b)—			
Coal (bunkers)	300	—	—
French West Indies—			
Martinique—			
Coal (bunkers) (b)	150	(a)	(a)
Mexico—			
Coal	24	76	36
Netherlands West Indies—			
Coal (bunkers)	61	43	(a)
St. Pierre and Miquelon (b)—			
Coal (bunkers)	18,700	9,800	13,104
United States—			
Anthracite	1,436,205	1,498,236	1,709,083
Bituminous	8,698,598	9,513,357	11,736,320
do. (bunkers)	1,407,314	1,447,983	1,635,402
Coke	548,192	598,493	470,253
Briquettes	(a)	(a)	22,634
Tar and pitch	129,876	132,248	53,318
Benzol	48,885	63,931	81,923
Creosote	1,384	1,021	3,167
Argentina—			
Coal	16,564	37,978	100,684
Coke	415	65	475
Brazil—			
Coal	8	32	10
Chile—			
Coal (including bunkers)	149,616	130,078	54,223
Coke	114	69	134
Uruguay—			
Coal (b)	25,317	40,593	120,594
China—			
Coal (including bunkers)	852,266	1,303,625	1,741,179
Coal dust	11,011	49,602	64,412
Coke	7,132	11,242	8,919

(a) Information not available.

(b) Foreign coal (*see imports*).

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Formosa—			
Coal	57,503	52,346	(a)
do. (bunkers)	61,465	31,406	(a)
Coal dust	167,849	185,350	(a)
do. (bunkers)	247,544	261,426	(a)
Coke	318	433	(a)
Tar	116	139	(a)
French Indo-China—			
Coal	1,469,388	1,679,999	1,493,414
do. (bunkers)	15,896	12,090	18,592
Coke	27	51	170
Briquettes	2,824	4,783	7,772
do. (bunkers)	1,080	1,450	5,876
Tar and pitch	9	6	10
Japan—			
Coal	1,002,725	1,094,567	1,011,375
do. (bunkers)	2,376,598	(a)	(a)
Tar, pitch, etc.	17,928	36,224	16,960
Carbolic acid	(a)	(a)	125
Creosote	(a)	(a)	24,438
Naphthalene	(a)	(a)	1,008
Korea—			
Coal	638,735	671,940	714,679
Briquettes	—	1,689	11,783
“Manchoukuo”—			
Coal	3,538,443	2,976,704	3,023,411
do. (bunkers)	643,833	761,001	801,215
Coke	13,179	26,780	16,155
Benzol	2,817	5,720	7,395
Creosote	(a)	2,407	5,550
Naphthalene	(a)	1,188	1,905
Netherlands East Indies—			
Coal	227,016	223,435	291,336
do. (bunkers)	17,757	18,796	21,496
Coke	51	—	—
Syria and Lebanon—			
Bituminous	320	—	20
Coke	—	10	13
Briquettes	404	219	—
Tar	—	33	88
Turkey—			
Coal, peat and briquettes	660,152	530,156	288,594

(a) Information not available.

IMPORTS OF COAL, COKE AND BY-PRODUCTS*

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Coal	14,151	26,060	16,921
Coke	32,863	101,243	59,528
Manufactured fuel.. .. .	200	173	583
Tar and pitch	1,950	2,076	2,093
Heavy coal-tar oils	51	2	—
Naphthalene	201	445	825
Carbolic acid	26	104	369
Cresylic acid	44	141	207
Benzol	6	1,263	16,722
Eire—			
Anthracite	43,056	41,622	48,236
Bituminous	2,195,349	2,420,639	2,504,244
Coke	22,996	22,769	18,177
Tar and pitch	1,200	2,634	2,918
Creosote, etc.	450	410	1,482
Tar and bitumen mixture	5,342	8,990	12,234
Benzol	56	63	61
Malta—			
Coal (b)	103,332	113,710	143,374
Anglo-Egyptian Sudan—			
Coal	85,580	104,303	106,084
Coke	506	763	1,053
Patent fuel	17,219	9,751	4,600
Tar	61	34	64
Gambia—			
Coal, coke and patent fuel	1,504	1,953	2,248
Gold Coast—			
Coal	46,085	57,506	70,290
Coke	547	335	306
Patent fuel	510	434	794
Kenya and Uganda—			
Coal	91,096	98,513	148,671
Coke	380	619	252
Creosote, etc.	47	69	41

* For ammonium sulphate, etc., see Nitrogen Compounds, pages 263-272.

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

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Mauritius—			
Coal	36,280	39,626	41,081
Coke	329	271	6,063
Patent fuel	6,000	9,499	3,160
Tar and pitch	34	53	32
Nigeria—			
Coal	29,283	32,596	38,143
Coke	89	1,122	740
Patent fuel	300	211	2
Northern Rhodesia—			
Coal and patent fuel	352,251	284,217	333,498
Coke	4,225	1,633	2,317
Tar and creosote oil	81	251	109
Nyasaland—			
Coal and coke	4,590	5,148	5,004
Sierra Leone—			
Coal (b)	46,970	40,926	79,110
Coke	27	32	56
Patent fuel	3,600	3,002	—
Southern Rhodesia—			
Coal and coke	163	229	374
Tar and pitch	44	286	120
South West Africa—			
Coal	1,468	1,986	2,063
Coke	28	67	1,543
Tanganyika Territory—			
Coal	25,178	6,462	14,912
Coke	66	125	270
Creosote	38	70	44
Union of South Africa—			
Coal	13,164	22,376	24,568
Coke and patent fuel	44	79	99
Tar and pitch	596	564	707
Naphthalene	197	103	60
Creosote	254	248	380
Zanzibar—			
Coal	3,795	2,734	1,300
Canada—			
Anthracite	3,014,701	3,045,216	3,097,462
do. dust, etc.	59,259	7,066	17,072
Bituminous	7,399,780	8,300,077	9,623,940
do. (bunkers)	273,962	318,483	313,362
Brown coal	4,684	4,351	1,334
Coke	565,006	573,714	421,917
Cresylic acid	251	98	144

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

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
Canada—(<i>cont.</i>)			
Tar	8,396	9,842	10,285
Pitch	2,065	3,105	3,697
Naphthalene	599	395	561
Carbolic acid, etc.	432	1,781	5,440
Newfoundland (years ended June 30)—			
Anthracite	11,998	11,298	7,937
Other coal	283,412	292,380	314,794
Coke	620	826	500
British Guiana—			
Coal	3,935	3,921	4,205
Coke	123	126	167
Patent fuel	5,100	3,400	3,400
British West Indies—			
Bahamas—			
Coal	153	176	226
Barbados—			
Coal, coke, and patent fuel ..	5,931	4,164	4,721
Bermuda—			
Anthracite	1,171	703	498
Bituminous	11,802	6,914	7,144
Jamaica—			
Coal (<i>b</i>)	122,723	166,622	112,668
Coke and patent fuel	(£316)	(£239)	(£454)
Leeward Islands—			
Coal, coke and patent fuel ..	2,298	1,434	4,667
St. Lucia—			
Coal (<i>b</i>)	36,777	28,782	46,141
St. Vincent—			
Coal	91	119	144
Trinidad and Tobago—			
Coal (<i>b</i>)	42,159	37,696	57,614
Coke	260	173	2,860
Patent fuel	7,674	7,983	244
British Honduras—			
Coal and coke	248	43	273
Aden (total imports)—			
Coal (<i>b</i>)	66,503	83,257	132,660
Coke	25	10	58
Tar and pitch	14	39	28
Naphthalene	249	257	282
Carbolic acid	—	24	3

(*b*) Imported chiefly for bunkering purposes.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British Borneo—			
Sarawak—			
Coal	138	100	162
State of North Borneo—			
Coal and coke	1,060	527	359
British India (total imports)—			
Coal	64,284	75,128	61,545
Coke	12,791	20,808	3,305
Coal and coke (government stores)	225	—	—
Tar and pitch	4,457	3,399	2,698
Naphthalene	421	267	582
Carbolic acid	41	30	34
British Malaya (total imports)—			
Coal (c)	576,565	589,485	726,906
Coke	4,952	6,032	9,675
Tar and pitch	2,294	1,672	1,680
Burma—			
Coal	(b)	(b)	(b) 233,019
Coke	(b)	(b)	(b) 22,965
Tar and pitch	(b)	(b)	(b) 2,773
Naphthalene	(b)	(b)	(b) 45
Ceylon—			
Coal (c)	436,948	405,536	570,597
Coke	510	686	934
Cyprus—			
Coal	3,895	4,589	4,625
Coke and briquettes	134	21	171
Tar and pitch	11	23	24
Hong Kong (total imports)—			
Anthracite	80,984	59,612	74,481
Bituminous (c)	749,697	695,855	822,351
Coke	1,775	1,837	2,944
Briquettes	450	1,480	50
Palestine—			
Anthracite	41,380	9,718	32,676
Other coal	32,538	24,871	58,452
Coke	1,349	1,769	494
Briquettes	4,744	3,745	3,479
Tar and pitch	78	57	139

(b) Included with India prior to April 1, 1937.

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

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Australia—			
Coal	10,155	50,066	305
Coke	1,650	9,111	26,805
Tar and pitch	91,281	95,432	124,137
Naphthalene	143	66	21
Carbolic acid	39	55	83
Tar oil	511	292	403
Fiji—			
Coal	31,489	24,427	33,910
Coke	343	413	411
Tar and pitch	92	136	40
Gilbert and Ellice Islands (c)—			
Coal	2,915	4,307	5,810
New Guinea—			
Coal and coke(c) (£ Australian) ..	(£7,400)	(£10,713)	(£13,298)
New Zealand—			
Coal	97,398	111,078	(a)
Coke	868	866	(a)
Benzol, toluol, etc.	93	95	(a)
Naphthalene (£ N.Z.)	(£629)	(£724)	(a)
Papua (c)—			
Coal and coke	1,811	1,558	1,876
Solomon Islands (b)—			
Coal	203	334	(a)
FOREIGN COUNTRIES			
Albania—			
Coal	3,851	234	371
Naphthalene	34	43	45
Austria—			
Coal	2,429,574	2,323,357	2,606,772
Brown coal	165,751	154,102	179,679
Coke	363,200	389,799	541,992
Briquettes	12,995	11,186	10,752
Carbolic acid	422	412	567
Tar and pitch	78	59	157
Naphthalene	9	5	19
Carbolineum, creolin, etc.	1	1	3
Tar oils	1,926	1,980	3,501

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgium-Luxemburg E.U.—			
Coal	3,717,621	3,809,964	6,069,866
Brown coal	131,029	154,014	156,881
Coke	2,242,919	2,516,664	3,136,280
Briquettes	134,889	106,951	160,340
Tar and pitch	137,005	193,392	222,616
Naphthalene	5,409	7,636	4,106
Distillates	25,094	28,041	80,489
Bulgaria—			
Coal	1,603	1,965	502
Coke	3,498	2,288	2,371
Benzol	25	11	9
Carbolic acid	6	6	11
Naphthalene	357	357	620
Creosote, etc.	28	27	6,820
Czechoslovakia—			
Coal	1,233,182	1,093,119	1,149,435
Brown coal	56,284	66,666	79,558
Coke	157,380	160,326	162,249
Briquettes	26,946	27,484	28,049
Tar and pitch	8,017	305	386
Benzol, etc.	5	2,539	6,723
Crude carbolic acid	1,053	1,113	1,137
Cresol	32	20	22
Denmark—			
Coal	3,828,132	4,042,710	4,153,077
Coke	991,827	1,131,600	1,267,062
Briquettes	87,787	69,123	125,479
Tar and pitch	1,247	529	175
Benzol	1,063	880	555
Carbolic acid	98	77	50
Estonia—			
Coal	53,060	61,521	79,449
Coke	2,933	2,924	3,537
Tar and pitch	230	249	372
Naphthalene	22	12	23
Carbolic acid	3	2	2
Benzol	13	10	13
Finland (total imports)—			
Anthracite	804	2,518	3,615
Bituminous	998,337	1,419,110	1,869,736
Brown coal, briquettes, etc.	4	22	2,874
Coke	203,209	274,856	323,643
Tar and pitch	2,592	1,663	2,125

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Finland (total imports)—(Cont.)			
Carbolic acid, creosote and cresol	2,126	2,109	3,164
Naphthalene	113	105	191
Benzol	17	10	26
Carbolineum	64	55	88
France—			
Anthracite	2,679,788	2,669,332	2,749,263
	(b)		
Bituminous	14,929,436	15,673,802	21,482,486
Lignite	(a)	18,109	51
Coke	2,084,266	2,520,856	3,799,360
Briquettes	894,385	985,327	1,328,181
Tar and pitch	646,472	804,816	628,268
Naphthalene	2,658	3,614	4,902
Carbolic acid, etc.	934	1,203	1,165
Benzol	22,576	29,183	49,211
Heavy coal-tar oils	28,202	47,306	41,246
Germany—			
Coal	4,202,927	4,221,293	4,511,034
Brown coal	1,634,199	1,618,126	1,807,764
Coke	739,241	652,901	541,133
Coal briquettes	92,050	90,163	111,409
Brown-coal briquettes	72,474	77,945	115,288
Tar and pitch	15,942	640	739
Naphthalene	1,895	220	15
Carbolic acid	1,582	1,010	1,598
Cresol	945	1,668	798
Light coal-tar oils, etc.	59,055	57,053	27,852
Heavy coal-tar oils, etc.	11,465	4,527	1,954
Greece—			
Coal	731,867	855,005	881,035
Coke	60,683	63,115	72,565
Naphthalene	916	567	989
Pitch	518	562	687
Benzol	177	80	394
Hungary—			
Coal	185,553	187,815	204,461
Brown coal	499	422	596
Coke	174,401	268,827	364,869
Briquettes	221	—	—
Tar and pitch	4,757	10,546	16,635
Benzol	135	131	64
Carbolic acid and cresol	11	8	12

(a) Information not available.

(b) Including imports into the Saar Territory up to 17th February.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Iceland—			
Coal	155,229	159,925	(a)
Coke	2,808	(a)	(a)
Tar and pitch	21	(a)	(a)
Carbolineum	16	(a)	(a)
Italy—			
Anthracite	1,123,328	634,231	720,768
Bituminous coal	11,930,639	7,841,453	11,552,185
Lignite	67,673	25,038	76,142
Coke	1,027,417	1,056,281	334,695
Coal briquettes	135,755	70,205	16,198
Brown-coal briquettes	48,324	10,668	685
Tar and tar oils	19,606	10,586	11,027
Carbolic acid and cresylic acid	678	381	629
Naphthalene	2,651	2,517	2,649
Benzol, toluol and xylol	16,321	8,062	8,486
Latvia—			
Coal	577,419	633,997	585,512
Coke	80,072	65,939	70,273
Tar and pitch	1,046	272	105
Carbolic acid	10	11	16
Naphthalene	43	45	53
Benzol	7	5	—
Creosote, etc.	1,015	1,025	938
Lithuania—			
Anthracite	930	1,696	5,192
Other coal	216,962	247,265	276,539
Coke	20,279	16,468	19,614
Briquettes	280	6	22
Carbolic acid	6	4	4
Naphthalene	21	17	36
Tar	316	945	1,214
Benzol	9	16	53
Carbolineum	—	5	11
Netherlands—			
Coal (b)	6,972,376	7,177,718	8,138,113
Brown coal	36	88	51
Coke	306,303	367,957	419,628

(a) Information not available.

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

1935	1,991,567 long tons.
1936	2,384,232 " "
1937	2,814,030 " "

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—(Cont.)			
Briquettes	347,149	330,012	321,339
Brown-coal briquettes	132,296	132,148	130,005
Tar	7,030	4,645	13,504
Creosote	12	2	6,474
Naphthalene	525	744	1,054
Carbolic acid	246	242	201
Benzol	761	6,197	393
Toluol and xylol	280	307	368
Carbolineum	550	542	708
Naphtha	208	115	75
Asphalt	193	480	406
Norway—			
Coal	2,147,302	2,254,215	2,606,617
Coke	412,503	398,169	372,674
Tar and pitch, etc.	10,935	6,950	8,447
Creosote, etc.	4,144	5,033	5,429
Poland—			
Anthracite	9,028	7,813	5,168
Bituminous coal	92,754	86,462	85,675
Coke	60,193	64,621	81,062
Briquettes	7,115	7,405	7,905
Tar and pitch	7,236	7,054	9,547
Creosote, etc.	219	5	345
Benzol	1	1	459
Carbolic acid, etc.	7	18	4
Portugal—			
Coal and coke	1,142,425	1,069,819	1,296,861
Briquettes	9,509	12,221	13,031
Tar and pitch	874	589	(a)
Carbolic acid	5	1	(a)
Naphthalene	73	45	(a)
Roumania—			
Anthracite	280	220	28
Bituminous coal	20,304	22,510	27,395
Coke	37,875	38,146	47,903
Brown coal	20	103	110
Briquettes	2	—	—
Naphthalene	220	302	357
Benzol	93	268	489
Tar	127	8	32
Creosote, etc.	5,031	2,855	5,918
Carbolic acid	48	50	84

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Anthracite	75,552	(a)	(a)
Bituminous coal	982,029	(a)	(a)
Other coal	28	(a)	(a)
Coke	78,916	(a)	(a)
Briquettes	15,352	(a)	(a)
Benzol, toluol, xylol, etc.	1,034	(a)	(a)
Cresol and carbolic acid	12	(a)	(a)
Creosote	156	(a)	(a)
Tar and pitch	49,363	(a)	(a)
Sweden—			
Anthracite	85,539	96,186	130,203
Bituminous coal	5,085,148	5,431,547	6,361,321
Coke	1,719,030	2,044,894	2,294,628
Briquettes	5,512	9,187	24,588
Tar, pitch, etc.	2,477	3,654	3,130
Benzol	911	1,225	1,269
Carbolic acid, etc.	5,817	8,162	8,910
Switzerland—			
Coal	1,768,863	1,822,685	2,066,066
Lignite	477	472	361
Coke	798,783	835,751	932,648
Briquettes	470,929	468,868	432,173
Tar and pitch	42,087	24,049	27,608
Creosote, etc.	927	894	1,187
Naphthalene, etc.	9,262	9,466	12,069
U.S.S.R.—			
Coal	35	1,960	11,856
Coke and briquettes	29	15	13
Yugoslavia—			
Anthracite	53,748	29,951	29,560
Bituminous coal	162,638	138,534	156,270
Lignite	—	24	—
Brown coal	2,224	1,348	891
Coke	204,262	129,800	218,920
Briquettes	74	206	482
Tar	1,247	1,394	327
Light oils	434	158	113
Heavy oils	4,366	6,239	10,215
Naphthalene, etc.	283	361	873
Carbolic acid, etc.	36	21	40

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Coal (b)	520,182	519,615	583,694
Coke	1,810	1,079	1,520
Briquettes	174,740	242,575	104,065
Tar and pitch	5,228	4,823	5,757
Benzol	116	194	263
Naphthalene	132	82	115
Heavy oils	56	210	261
Angola—			
Coal	35,152	33,702	26,500
Coke	421	246	(a)
Tar and pitch	143	193	(a)
Belgian Congo—			
Coal	3,213	6,493	58,728
Coke	53,649	44,569	74,133
Briquettes	20,934	24,868	29,991
Cameroon (French)—			
Coal and briquettes	7,492	1,283	6,006
Egypt—			
Coal	1,480,759	967,333	1,277,621
Coke	27,229	17,892	14,332
Briquettes	53,892	45,780	51,639
Tar and pitch	2,875	1,438	154
Naphthalene	128	67	190
French Equatorial Africa—			
Coal and briquettes	7,086	13,921	20,161
French Somaliland—			
Coal and briquettes	17,298	19,243	49,455
French Togoland—			
Coal and briquettes	2,156	4,441	3,031
Coke	196	(a)	(a)
French West Africa—			
Coal and briquettes (c)	117,411	263,857	392,711
Tar	402	236	207
Madagascar—			
Coal	17,488	16,005	17,259
Coke	166	60	1,008
Tar	160	257	180

(a) Information not available.

(b) Total imports (chiefly for bunkering purposes) were :—

1935 1,498,465 long tons.

1936 1,217,745

1937 1,361,349

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

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Morocco (French)—			
Anthracite	2,045	1,456	959
Other coal	113,559	89,836	122,526
Coke	2,886	3,723	3,725
Briquettes	29,340	33,648	31,606
Tar	5,701	4,953	4,168
Benzol, etc.	20	38	79
Mozambique—			
Coal	91,316	104,133	103,748
Coke	159	108	100
Tar and pitch	157	120	136
Naphthalene	5	2	4
Réunion—			
Coal	8,903	8,770	7,394
Coke	54	60	180
Morocco (Spanish)—			
Anthracite	(a)	195	(a)
Other coal	(a)	6,881	(a)
Coke	(a)	485	(a)
Briquettes	(a)	32	(a)
Tar	(a)	4	(a)
Tunis—			
Coal	177,277	171,152	190,184
Coke	11,628	10,809	9,410
Briquettes	8,308	19,718	10,438
Tar	2,647	2,374	5,551
Costa Rica (b)—			
Coal	208	(a)	(a)
Cuba (b)—			
Coal	270,924	309,867	(a)
Coke	33,905	44,737	(a)
Creosote oil	148	73	(a)
Tar	209	297	(a)
Benzol	98	—	(a)
Dominican Republic (b)—			
Coal	4,460	} 4,319	2,543
Coke, briquettes, etc.	212		

(a) Information not available.

(b) Total imports.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
French West Indies—			
Guadeloupe—			
Coal and coke	2,817	2,119	(a)
Martinique—			
Coal	5,666	11,169	7,869
Guatemala—			
Coal	37	491	705
Coke	109	24	49
Tar and pitch	30	44	34
Haiti (years ended September 30)—			
Coal	29	27	27
Honduras (years ended July 31)—			
Coal	561	447	392
Mexico—			
Coal	13,087	11,724	11,667
Coke	1,029	5,290	700
Tar and pitch	49	60	60
Benzol	6	3	5
Creosote	(a)	(a)	6,602
Netherlands West Indies—			
Coal	1,144	706	(a)
Nicaragua (total imports)—			
Coal and coke	96	135	173
St. Pierre and Miquelon—			
Coal	26,180	16,300	23,340
Salvador—			
Coal, coke and briquettes	599	(a)	(a)
Tar	64	(a)	(a)
United States—			
Anthracite	510,213	548,785	353,337
Bituminous coal	143,464	223,218	195,947
Slack, culm and lignite	36,778	19,459	34,407
Coke	283,374	294,606	255,682
Briquettes	14,981	18,170	6,959
Tar and pitch	20,621	7,405	4,492
Benzene	924	2,068	2,448
Cresylic acid	3,198	6,292	7,638
Creosote oil	136,958	164,221	230,911
Naphthalene	21,632	17,770	23,511
Carbolic acid	9	32	35

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Argentina—			
Coal	2,350,030	2,591,349	3,026,272
Coke	26,432	36,062	46,573
Briquettes	239,291	175,665	41,142
Tar and pitch	183	112	93
Naphthalene	585	419	796
Carbolic acid	552	282	412
Creolin	75	116	73
Heavy coal-tar oils	1,770	1,352	1,738
Brazil (total imports)—			
Coal	1,293,928	1,269,658	1,492,421
Coke	43,783	26,600	42,111
Briquettes	76,915	112,314	146,347
Chile—			
Coal	31	17,632	90
Coke	6,669	8,672	11,931
Naphthalene	26	17	60
Carbolic acid and cresol	1,397	949	1,388
Colombia—			
Coal	783	428	586
Tar and pitch	(a)	104	390
Cresol, creolin, etc.	(a)	100	129
Dutch Guiana—			
Coal	3,982	3,713	4,334
French Guiana—			
Coal	19	91	16
Coke	39	5	14
Peru—			
Coal	19,998	22,270	11,935
Coke	2,673	2,528	3,228
Tar	208	137	140
Naphthalene	20	12	29
Uruguay—			
Coal	324,888	321,456	411,470
Naphthalene	—	58	(a)
Venezuela—			
Coal	4,896	5,079	(a)
Naphthalene	13	12	(a)

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
China—			
Anthracite	230,388	291,565	265,567
Other coal	529,288	258,240	152,522
Coke	2,391	1,944	3,440
Briquettes	2,533	2,026	2,074
Tar and pitch	1,901	2,842	2,210
Benzol	(a)	1,470	861
Carbolic acid	530	631	718
Naphthalene	991	825	1,326
Formosa—			
Coal	5,972	20,472	(a)
Coke	2,559	4,006	(a)
French Indo-China—			
Coal	14,362	18,344	13,247
Coke	327	426	523
Tar and pitch	4,413	5,461	17,880
Naphthalene	48	46	93
Iran (total imports) (b)—			
Coal, coke and peat	454	949	525
Iraq—			
Coal	1,289	3,431	2,544
Coke	211	354	311
Tar and pitch	27	22	68
Japan (total imports)—			
Coal	3,984,824	4,134,352	4,356,465
Coke	5,190	8,583	11,985
Carbolic acid	30	51	(a)
Naphthalene	4,009	5,644	(a)
Distillates	7,202	9,986	(a)
Korea (total imports)—			
Coal	1,345,531	1,543,772	1,623,038
Coke	44,913	71,193	65,974
Tar and pitch	1,916	1,063	2,768
“Manchoukuo”—			
Coal and briquettes	58,405	60,376	85,953
Tar	501	120	173

(a) Information not available.

(b) Years ended June 21.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Netherlands East Indies—			
Coal	54,489	66,534	56,026
Coke	2,018	2,372	3,403
Tar	3,570	2,256	3,507
Benzol	13	15	26
Carbolineum	168	230	149
Carbolic acid	35	28	37
Creolin, etc.	184	176	170
Naphthalene	261	308	327
Asphalt	27	12	8
Philippine Islands—			
Coal	246,572	362,979	259,352
Coke	2,669	2,293	2,377
Carbolic acid	1	4	—
Portuguese India—			
Coal	14,891	(a)	(a)
Siam (total imports)—			
Coal	21,136	43,899	43,108
Coke	2,242	2,244	1,977
Syria and Lebanon—			
Coal	49,210	70,438	96,720
Briquettes	49,149	43,166	40,471
Coke	1,494	2,147	2,782
Tar	6	9	85
Naphthalene	28	15	48
Turkey—			
Anthracite	19,160	7,843	5,762
Coal, peat and briquettes	2,249	5,251	26,968
Coke	28,219	26,623	6,594
Creosote	11,109	1,217	5,873
Cresol and naphthalene	731	1,166	1,062
New Caledonia—			
Coal	73,641	86,144	100,493
Coke	1,480	2,170	27,770

(a) Information not available.

COBALT

PRODUCTION OF COBALT

(Cwt.)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Northern Rhodesia	8,203	9,078	17,409
Canada (c)	6,084	7,925	4,527
Burma (b)	4,452	5,910	5,500
FOREIGN COUNTRIES			
Belgian Congo	(a)	13,480	30,000
French Morocco	8,759	8,600	10,900
Japan (ore)	188	(a)	(a)

Complex ores containing cobalt are produced in 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 to Hamburg.

(c) Metal recovered from smelter products plus cobalt contained in cobalt residues exported.

EXPORTS OF COBALT, ETC.

(Domestic Produce)

(Cwt.)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Cobalt and cobalt alloys ..	119	85	119
Cobalt oxide	808	507	169
Northern Rhodesia—			
Cobalt alloy	16,161	18,500	37,089
Canada—			
Cobalt ore (<i>Co content</i>) ..	3,744	4,698	825
Cobalt	16	21	68
Cobalt alloys	236	386	464
Cobalt oxides and salts ..	3,377	4,326	5,338
Australia—			
Cobalt ore	316	44	452
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.(b)—			
Cobalt oxide and pigments	7,403	5,947	5,287
Cobalt salts	1,148	827	476
Czechoslovakia—			
Zaffre and smalt	81	2	2
France—			
Cobalt salts	561	880	1,522
Belgian Congo—			
Cobalt-copper alloy ..	(a)	(a)	85,066
Morocco (French)—			
Ore	72,017	78,925	69,556

(a) Information not available.

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

1935 ..	4,452 cwt.
1936 ..	7,776 „
1937 ..	8,185 „

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Rondels, pellets and squares	2,700	4,361	3,989
Other kinds, including			
alloys	441	1,486	963
Cobalt oxide	3,962	4,446	180
Canada—			
Ore	—	—	3
Cobalt oxide	1	4	6
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.—			
Cobalt oxide and pigments	276	510	413
Cobalt salts	108	140	224
Bulgaria—			
Cobalt oxide	4	—	1
Czechoslovakia—			
Zaffre and smalt	248	305	405
France—			
Cobalt ore	11,675	6,929	21,974
Cobalt oxide, including			
zaffre and smalt	61	30	91
Cobalt salts	41	22	16
Italy—			
Cobalt oxide	512	474	508
Poland—			
Cobalt salts	183	218	287
Roumania—			
Cobalt oxide	74	47	78
U.S.S.R.—			
Cobalt	768	827	(a)
Cobalt oxide	512	591	(a)
Mexico—			
Cobalt	—	2,072	—
United States—			
Cobalt ore	3,742	9,284	5,246
Cobalt metal	5,035	7,887	9,582
Cobalt oxide	4,974	7,265	7,525
Cobalt salts	719	417	505

(a) Information not available.

IMPORTS OF COBALT, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
French Indo-China—			
Cobalt oxide	8	22	12
Japan (total imports)—			
Cobalt oxide	1,444	2,005	(a)
Turkey—			
Cobalt	46	—	—
Cobalt salts.. ..	10	4	6

(a) Information not available.

COPPER

PRODUCTION OF COPPER ORE

*(In terms of metal)**(Long tons)*

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	50	62	36
Northern Rhodesia	168,659	170,728	245,888
Southern Rhodesia	—	10	—
South West Africa (c)	—	—	11,600
Union of South Africa	10,529	8,925	11,209
Canada	187,053	187,959	236,620
Newfoundland	2,910	5,258	8,326
Burma (estimated)	4,200	4,000	3,700
Cyprus (estimated)	12,232	16,351	27,000
Federated Malay States	—	21	—
India (estimated)	8,700	8,900	11,000
Australia	16,990	18,561	19,127
Total	410,000	420,000	570,000
FOREIGN COUNTRIES			
Austria	54	12	(a)
Bulgaria	146	—	20
Czechoslovakia	240	341	(a)
Finland	11,380	11,760	12,604
France.. .. .	586	523	582
Germany	26,987	26,481	28,960
Greece	65	—	(a)
Hungary	240	119	(a)
Italy (estimated)	330	410	600
Norway	20,190	22,249	19,760
Portugal	(b) 2,000	(b) 2,000	5,518
Roumania	210	250	200
Spain (estimated)	30,000	25,000	27,000
Sweden	6,287	7,975	7,061
U.S.S.R.	62,250	82,000	90,000
Yugoslavia	41,000	41,000	44,000
Algeria	12	197	(a)
Belgian Congo (smelter)	105,981	94,156	148,210

(a) Information not available.

(b) Estimated.

(c) Years ended March 31 following.

PRODUCTION OF COPPER ORE (*Cont.*)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Cuba	6,850	11,447	12,983
Mexico (<i>b</i>)	38,751	29,244	45,350
United States (<i>b</i>)	339,723	548,674	748,009
Bolivia (exports)	1,883	3,198	3,641
Chile (<i>b</i>)	262,864	252,162	410,000
Panama	39	22	—
Peru	30,237	32,825	36,000
Formosa (estimated).. .. .	4,000	4,000	(<i>a</i>)
Japan (smelter)	68,215	76,505	86,215
Korea	2,200	3,600	(<i>a</i>)
Turkey	—	—	400
Total	1,060,000	1,280,000	1,730,000
WORLD'S TOTAL	1,470,000	1,700,000	2,300,000

(*a*) Information not available.

(*b*) Amount estimated as recoverable.

METAL PRODUCTION OF COPPER

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)	12,400	9,300	7,400
Northern Rhodesia	143,501	142,333	208,172
Union of South Africa	11,449	9,865	13,092
Canada (c)	172,697	170,674	206,709
India	6,900	7,200	6,830
Australia	11,168	13,313	17,400
Total	358,000	353,000	460,000
FOREIGN COUNTRIES			
Austria	1,316	1,771	2,000
Belgium	80,429	57,842	(a)
Czechoslovakia	926	1,086	599
Finland	—	6,531	10,428
France	42	1,083	1,027
Germany (f)	55,700	60,600	64,500
Italy	(d) 354	462	1,446
Norway	8,305	8,233	8,171
Spain	11,379	(e) 10,000	(e) 10,000
Sweden	8,677	10,082	9,940
U.S.S.R.	62,250	82,000	90,000
Yugoslavia	38,384	38,778	38,788
Belgian Congo	105,981	94,156	148,210
Mexico	37,592	27,942	(e) 45,000
United States	372,646	583,285	807,377
Chile	255,825	241,409	406,659
Peru	29,607	32,030	35,100
Japan	68,215	76,505	86,215
Korea	2,135	3,579	(a)
Total ..	1,140,000	1,340,000	1,830,000
WORLD'S TOTAL	1,500,000	1,690,000	2,290,000

(a) Information not available.

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

(c) Copper content of blister copper.

(d) 7,889 long tons of secondary copper were also produced.

(e) Estimated.

(f) Metallgesellschaft figures.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore, matte, etc.	526	470	553
Bars and ingots	12,739	16,961	13,077
Scrap	12,394	14,583	12,832
Plates, sheets, etc.	12,174	4,535	8,681
Rods and wire	10,382	11,392	11,973
Tubes	1,318	1,439	1,258
Sulphate	35,534	26,486	28,893
Northern Rhodesia—			
Ore and concentrates	2,942	10	24
Blister, etc.	138,241	141,200	197,537
South West Africa—			
Copper-lead ore and copper matte	4,846	—	32,448
Union of South Africa—			
Ore and concentrates	—	26	79
Bars, plates, etc.	8,412	8,917	10,305
Canada—			
Ore, matte, etc. (<i>Cu content</i>)	17,278	20,321	32,977
Blister	32,748	—	4,859
Scrap	2,825	3,620	2,478
Ingots, etc.	108,721	138,777	132,206
Rods sheets, tubes, etc.	16,302	21,497	22,868
Newfoundland—			
Concentrates	406	9,452	27,875
British India—			
Matte, etc.	9,821	7,663	2,536
British Malaya (including re-exports)—			
Ingots, sheets, wire, etc.	48	86	26
Burma—			
Matte, etc.	(b)	(b)	(b) 5,442
Cyprus—			
Ore, pyrites, etc. (<i>Cu content</i>) (c)	12,232	16,351	28,000
Hong Kong (including re-exports)—			
Bars, sheets, tubes and wire	571	414	152
Sulphate	5	3	2
Australia—			
Ore, etc. (<i>Cu content</i>) (d)	880	2,179	1,978
Matte	—	1,000	2,240
Blocks and ingots	14	19	43
Bars, sheets, wire, etc.	3,947	3,534	166

(b) Included with India prior to April 1, 1937.

(c) Estimated.

(d) Years ended June 30.

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Rough copper and scrap	960	1,217	1,814
Bars, sheets, wire, etc.	1,113	691	1,238
Sulphate	1	7	2
Belgium-Luxemburg E.U.—			
Ore	—	210	11
Rough copper and scrap	107,736	78,203	114,093
Sheets, wire, etc.	7,231	7,144	10,102
Sulphate	20,351	24,210	23,888
Bulgaria—			
Ore	13	—	—
Czechoslovakia—			
Crude, refined and scrap	2,874	2,223	2,351
Sheets, rods, wire, etc.	72	124	175
Denmark—			
Crude, scrap and alloyed	9	42	218
Bars, sheets, wire, etc.	82	93	167
Estonia—			
Crude and scrap	208	149	56
Finland—			
Ore	56,306	21,966	5,486
Rough copper and scrap	225	6,847	11,716
France—			
Ore, matte, etc.	1,974	2,536	11,255
Ingots, alloys, etc.	1,369	1,650	1,703
Scrap	751	5,590	10,246
Bars, sheets and wire	7,978	5,403	9,694
Sulphate	2,959	9,654	9,072
Germany—			
Ore, including burnt cupreous pyrites	5,707	5,422	4,487
Rough copper	1,139	3,837	7,044
Coin and scrap	—	—	6
Bars, sheets, wire, etc.	29,462	27,326	26,027
Sulphate, including ferrous sul- phate	3,901	5,742	6,934
Hungary—			
Bars, sheets, wire, etc.	1,246	823	701

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Ore	135	50	87
Ingots, scrap and alloys	18	8	6
Bars, sheets, wire, etc., and alloys	1,168	1,424	954
Sulphate	4,249	212	4,847
Netherlands—			
Ingots and bars	63	130	1,397
Scrap	1,516	2,056	1,804
Sheets, tubes and wire	1,266	1,423	2,405
Sulphate	22	14	46
Norway—			
Ore	1,054	3,581	5,040
Concentrates	13,132	14,251	16,545
Cupreous pyrites	289,895	337,364	293,536
Burnt cupreous pyrites	42,063	19,295	31,289
Refined copper	6,627	7,360	6,335
Scrap, including brass	1,392	2,482	2,879
Sheets, tubes, wire, etc., including brass	323	63	157
Poland—			
Ingots, bars, precipitate and scrap	19	35	3
Sheets, tubes and wire	22	43	33
Sulphate	310	481	225
Portugal—			
Cupreous pyrites	126,149	340,699	(a)
Precipitate	329	335	(a)
Sulphate	94	81	(a)
Spain—			
Ore—			
Not more than 5% copper	183,777	(a)	(a)
More than 5% copper	52	(a)	(a)
Precipitate and scrap (b)	4,692	(a)	(a)
Ingots (b)	129	(a)	(a)
Sulphate	32	(a)	(a)
Sweden—			
Ore	1,676	3,600	3,641
Rough copper	3,078	6,588	5,933
Scrap, including brass	5,727	6,077	6,222
Sheets, tubes, wire, etc.	8,273	10,939	8,948
Sulphate	6	—	1

(a) Information not available.

(b) Including alloys.

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Switzerland—			
Ore, filings and turnings	897	1,232	2,861
Bars, ingots, etc (c)	209	308	188
Scrap (c)	664	1,440	1,374
Sheets, tubes, wire, etc. (c)	4,974	5,580	10,485
U.S.S.R.—			
Ingots, bars, sheets, etc.	25	28	60
Yugoslavia—			
Ore	198	—	24
Ingots, etc.	37,154	37,064	36,541
Sulphate	5	72	75
Algeria—			
Bars, sheets and wire	56	5	23
Scrap	991	1,004	1,521
Sulphate	100	15	4
Belgian Congo—			
Ore	—	—	5
Copper-cobalt alloy	(a)	(a)	4,253
Matte	97,051	76,982	108,956
Ingots, etc.	50,279	45,270	68,118
Egypt—			
Rough copper and scrap	41	—	186
French Equatorial Africa—			
Ore	2,160	113	—
Morocco (French)—			
Scrap	364	351	922
Tunis (including re-exports)—			
Ore	—	78	—
Cuba—			
Ore	24,248	43,305	(a)
Scrap	70	276	(a)
Mexico—			
Ores, concentrates, etc. (Cu content)	45,779	1,776	6,589
Bars, etc. (Cu content)		27,366	42,012
United States—			
Ores, matte, blister, etc. (Cu content)	6,853	3,022	3,650
Refined ingots, etc.	232,800	196,777	262,749
Scrap	8,519	11,807	18,673
Sheets, rods, wire, etc.	17,897	17,683	20,094
Sulphate	2,013	4,792	10,504
Argentina—			
Ore	51	35	78
Ingots, sheets and scrap	94	148	384

(a) Information not available.

(c) Including alloys.

EXPORTS OF COPPER, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Bolivia—			
Ore, etc. (<i>Cu content</i>)	1,833	3,198	3,641
Chile—			
Ore and concentrates	45,840	70,554	161,156
Precipitate	208	203	228
Ingots	255,655	235,459	378,746
Peru—			
Ore (<i>Cu content</i>)	392	708	736
Matte, etc. (<i>do.</i>)	23	21	36
Bars (<i>do.</i>)	28,994	31,338	34,247
Precipitate (<i>do.</i>)	8	16	971
Venezuela—			
Scrap	68	180	(a)
French Indo-China—			
Ingots, sheets, wire, alloys, etc. ..	10	2	39
Scrap	23	79	161
Formosa—			
Copper	595	722	(a)
Japan—			
Ingots and blocks	683	7	5
Bars, rods and tubes	2,037	748	502
Plates, sheets and wire	14,134	9,462	11,846
Sulphate	(a)	(a)	220
Korea—			
Ingots	1,688	2,140	2,740
“Manchoukuo”—			
Ingots and slabs	43	1,022	1,484
Scrap	3,194	1,523	2,667
Netherlands East Indies—			
Scrap	1,157	2,081	3,854
Philippine Islands—			
Ore	114	6	15,170
Concentrates (auriferous)	(a)	(a)	(b)4,020
Scrap	286	407	311
Syria and Lebanon—			
Ore	—	60	—
Ingots and scrap	—	122	263
Turkey—			
Ingots, scrap and alloys.. ..	120	489	503

(a) Information not available.

(b) July-December only.

IMPORTS OF COPPER, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore, matte, etc.	31,351	31,209	(a)
Bars, ingots, etc.—			
Electrolytic	128,825	116,551	103,627
Other	143,097	107,873	189,610
Scrap	1,550	1,804	3,610
Plates, sheets, etc.	3,252	3,632	2,325
Rods	12,243	17,483	18,127
Tubes	2,373	2,509	2,553
Wire	1,137	898	910
Sulphate	56	50	105
Eire—			
Bars, sheets, wire, etc.	1,649	1,719	2,022
Sulphate	3,233	3,163	3,269
Kenya and Uganda—			
Sheets and wire	19	18	37
Mauritius—			
Bars, sheets, scrap, etc.	21	116	62
Southern Rhodesia—			
Ingots, bars and rods	8	37	49
South West Africa—			
Bars, sheets, pipes, wire, etc.	1	3	5
Tanganyika Territory—			
Sheets and wire	94	167	93
Union of South Africa—			
Bars, ingots and slabs	1,715	2,631	2,179
Plates, sheets and tubes	962	919	1,089
Wire	38	91	151
Canada—			
Blocks, pigs and ingots	17	85	7
Bars, sheets, wire, etc.	644	785	1,255
Scrap	7	3	2
Sulphate	2,478	2,031	2,529
British West Indies (Barbados)—			
Bars and sheets	(£753)	(£694)	(£1,220)
British Honduras—			
Sheets and rods	(£72)	(£231)	(£299)
British India—			
Ore	—	—	10
Ingots, cakes, blocks, etc.	1,946	858	2,345
Scrap	299	119	78
Sheets, tubes, wire, etc.	26,630	9,980	15,322
Sulphate	1,694	1,676	1,761
Copper (government stores)	1,572	1,037	3,083

(a) Information not available.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British Malaya (total imports)—			
Ingots, sheets, wire, etc.	553	798	880
Burma—			
Ingots, etc.	(b)	(b)	(b)19
Sheets, tubes, wire, etc.	(b)	(b)	(b)101
Sulphate	(b)	(b)	(b)82
Cyprus—			
Bars, sheets, etc.	46	38	30
Hong Kong (total imports)—			
Bars, sheets, tubes and wire	660	475	435
Sulphate	22	13	10
Australia—			
Blocks and ingots	49	29	19
Bars, sheets, wire, etc.	1,693	1,155	1,326
New Zealand—			
Bars, sheets, pipes, etc.	1,107	1,073	(a)
Wire (£ N.Z.)	(£76,010)	(£130,102)	(£159,565)
Sulphate	60	45	(a)
FOREIGN COUNTRIES			
Albania—			
Bars and sheets	43	59	47
Sulphate	99	81	101
Austria—			
Ore	220	—	—
Rough copper and scrap	14,559	11,105	20,709
Bars, sheets, wire, etc.	78	83	101
Sulphate	1	2	1
Belgium-Luxemburg E.U.—			
Ore	6,469	5,736	37,243
Rough copper and scrap	150,424	132,034	234,601
Bars, sheets, wire, etc.	3,337	2,596	3,815
Sulphate	9	64	44
Bulgaria—			
Rough copper and scrap	310	543	74
Bars, sheets and wire	402	1,092	899
Sulphate	5,203	3,279	5,475
Czechoslovakia—			
Ore	—	99	—
Crude, refined and scrap	24,063	30,633	32,336
Sheets, rods, wire, etc.	105	318	237
Denmark—			
Rough, scrap and alloys	4,936	4,320	5,373
Bars, sheets, wire, etc.	4,800	5,900	4,880

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Estonia—			
Ingots, sheets, tubes, etc.	299	263	328
Sulphate	22	6	14
Finland (total imports)—			
Rough and scrap	292	285	324
Bars, sheets, tubes and wire	4,376	4,506	5,016
Sulphate	52	65	70
France—			
Ore, matte, etc.	75	329	756
Ingots, alloys, etc.	115,201	121,335	120,790
Scrap	7,147	9,148	7,026
Bars, sheets and wire	7,268	7,915	8,323
Sulphate	23,189	24,638	21,195
Germany—			
Ore and burnt cupreous pyrites..	394,212	474,851	546,803
Rough copper	150,943	125,534	167,236
Coin and scrap	19,577	23,888	32,186
Bars, sheets, wire, etc.	144	62	36
Sulphate, including ferrous sulphate	445	608	277
Greece—			
Rough copper and alloys	13	30	43
Sheets, tubes, alloys, etc.	1,762	1,994	2,934
Sulphate	6,425	4,700	7,045
Hungary—			
Rough copper and scrap	7,990	9,936	11,813
Bars, sheets, wire, etc.	166	252	166
Sulphate	—	—	197
Iceland—			
Bars, tubes, wire, etc.	90	(a)	(a)
Italy—			
Ore	67	9	1
Ingots, scrap and alloys	88,848	82,123	75,378
Bars, sheets, wire, etc., and alloys	2,708	2,444	3,839
Sulphate	2,461	5	515
Latvia—			
Ingots, bars and scrap	637	1,064	352
Sheets, tubes and wire	314	201	208
Lithuania—			
Copper	108	186	454

(a) Information not available.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Ingots and bars	5,273	4,953	9,325
Scrap	96	139	187
Sheets, tubes and wire	5,767	7,532	10,037
Sulphate	3,199	4,196	7,887
Norway—			
Rough copper	632	1,187	701
Copper-nickel matte	8,878	9,078	11,790
Sheets, etc.	820	926	1,078
Sulphate	522	505	670
Poland—			
Precipitate and scrap	633	432	544
Figs, bars and ingots	11,633	14,010	16,999
Sheets, tubes and wire	116	181	177
Portugal—			
Ingots, wire, alloys, etc.	2,881	3,432	3,748
Sulphate	115	158	176
Roumania—			
Rough and scrap	4,391	3,294	4,856
Sheets and wire	583	215	461
Sulphate	28	309	299
Spain—			
Precipitate and scrap (b)	9,886	(a)	(a)
Ingots (b)	188	(a)	(a)
Sheets, tubes, wire, etc. (b)	365	(a)	(a)
Sulphate	363	(a)	(a)
Sweden—			
Ore	1,511	623	1,102
Rough copper	34,181	40,327	46,711
Scrap, including brass	1,339	1,207	2,681
Sheets, rods, wire, etc.	1,043	652	479
Sulphate	300	324	502
Switzerland—			
Ore, filings and turnings	1,735	1,464	1,872
Bars, ingots, etc. (b)	14,725	12,137	20,126
Scrap (b)	191	307	535
Sheets, tubes, wire, etc. (b)	5,780	4,046	5,183
U.S.S.R.—			
Ingots, etc.	29,123	44,545	} 64,765
Sheets, wire, etc.	2,587	906	
Sulphate	45	—	

(a) Information not available.

(b) Including alloys.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Ore	—	—	41
Crude, scrap, coin, etc.	1,073	1,038	793
Bars, sheets, wire, etc.	997	1,240	1,331
Sulphate	1,295	516	149
Algeria—			
Rough and scrap	48	91	180
Bars, sheets, wire, etc.	1,215	1,052	1,105
Sulphate	9,089	13,510	13,888
Angola—			
Bars, sheets, tubes and wire ..	47	71	(a)
Belgian Congo—			
Bars, sheets and wire	74	173	229
Cameroon (French)—			
Sulphate	23	18	68
Egypt—			
Crude and scrap	(c) 644	228	(c) 35
Bars, sheets, tubes, etc.	3,473	3,669	2,138
Sulphate	69	74	81
Madagascar—			
Crude, sheets, wire, etc.	56	92	91
Morocco (French)—			
Ingots, sheets and wire (b) ..	372	598	313
Sulphate	228	275	578
Mozambique—			
Bars, sheets, wire and alloys ..	12	44	54
Tunis—			
Ingots, scrap, etc. (b)	9	28	86
Bars, sheets and wire (b)	407	448	741
Sulphate	668	750	929
Cuba (total imports)—			
Ingots and bars	96	105	(a)
Sheets, tubes and wire	462	558	(a)
Guatemala—			
Sulphate	9	6	20
Mexico—			
Ingots	724	1,157	1,158
Bars, sheets, alloys, etc.	669	855	412
Sulphate	852	820	1,195
United States—			
<i>Cu content of—</i>			
Ore and concentrates	28,532	28,190	24,285
Matte, precipitate, etc... ..	2,579	834	1,412

(a) Information not available.

(b) Including alloys.

(c) Excess of re-exports.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
United States—(cont.)			
<i>Cu content of—</i>			
Blister	171,693	117,198	158,732
Refined	11,952	15,037	12,947
Scrap	—	2,838	(a)
Sulphate	21	2	37
Argentina—			
Ingots, sheets including bronze ..	3,791	4,111	5,019
Tubes, including bronze	665	547	565
Sulphate	1,266	1,901	1,507
Brazil (total imports)—			
Rough, scrap, alloys, etc. ..	796	564	3,420
Plates, sheets, alloys, etc. ..	9,206	8,049	6,688
Tubes, pipes, wire and alloys ..	617	528	639
Sulphate	1,581	1,681	1,607
Chile—			
Bars, sheets and wire	172	342	361
Colombia—			
Ingots, sheets, etc.	368	340	413
Wire	(b) 1,129	(b) 1,182	232
Sulphate	(a)	45	71
Peru—			
Bars, sheets, etc. (b)	120	146	125
Sulphate	103	186	328
Uruguay—			
Ingots	5	16	(a)
Bars and sheets	39	25	(a)
Venezuela—			
Unwrought	33	—	(a)
Sulphate	8	5	(a)
China—			
Ore	—	—	20
Ingots and blocks	2,310	3,041	3,835
Bars, sheets, wire, etc.	4,521	2,920	3,833
Scrap	95	39	51
Sulphate	156	61	67
Formosa—			
Sheets, plates, wire, etc.	506	647	(a)
French Indo-China—			
Ingots, sheets, alloys, etc. ..	433	409	736
Scrap	492	281	93
Sulphate	10	11	11

(a) Information not available.

(b) Including brass and bronze.

IMPORTS OF COPPER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Iran (total imports) (b)—			
Ingots, bars, sheets and alloys ..	972	1,274	1,152
Iraq—			
Crude, sheets, pipes, etc.	852	518	759
Japan (total imports)—			
Ingots and blocks	64,230	47,039	(a)
Korea (total imports)—			
Ore	179	31	(a)
Ingots	131	193	(a)
Wire	1,528	1,350	(a)
“Manchoukuo”—			
Ingots, slabs and scrap	283	329	400
Sheets, plates, wire, etc.	3,737	2,038	3,600
Netherlands East Indies—			
Crude, scrap and alloyed	141	80	208
Bars, sheets and alloyed	347	290	472
Tubes, wire and alloyed	1,913	2,579	3,785
Sulphate	102	114	262
Philippine Islands—			
Ingots	106	98	133
Sheets and wire	245	451	394
Siam (total imports)—			
Rough copper	242	122	315
Syria and Lebanon—			
Bars, sheets, tubes and wire ..	1,030	760	825
Turkey—			
Ingots, bars, sheets, wire, scrap and alloys	3,351	3,016	2,760

(a) Information not available.

(b) Years ended June 21.

DIAMONDS

PRODUCTION OF DIAMONDS

(Metric carats)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Gold Coast (exports)—			
Gem diamonds	489,172	449,860	462,087
Bort.. .. .	656,656	725,539	772,134
Diamond sand	204,019	239,278	343,440
Sierra Leone	295,483	616,200	913,401
Southern Rhodesia	—	11	9
South West Africa	128,464	184,917	196,803
Tanganyika Territory	1,446	2,704	3,234
Union of South Africa	676,722	623,923	1,030,434
British Guiana	47,785	41,067	35,958
India	1,401	1,457	1,178
Australia	—	650	200
Total ..	2,501,000	2,886,000	3,759,000
FOREIGN COUNTRIES			
Angola	481,615	577,531	626,424
Belgian Congo—			
Gem diamonds	} 3,169,090	4,634,266	821,292
Industrial do.			4,103,936
French Equatorial Africa	138	1,550	6,197
French West Africa	—	5,500	52,933
Brazil (estimated)	39,100	136,462	238,606
Netherlands East Indies	4,219	773	981
Total ..	3,694,000	5,356,000	5,850,000
WORLD'S TOTAL ..	6,190,000	8,240,000	9,610,000

PRODUCTION OF DIAMONDS

(£ sterling)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Gold Coast (exports)—			
Gem diamonds	390,454	380,243	417,296
Bort	92,545	122,939	129,493
Diamond sand	63,095	81,815	101,268
Sierra Leone	402,067	725,272	1,084,664
Southern Rhodesia ..	—	70	30
South West Africa (c) ..	546,614	918,113	1,171,568
Tanganyika Territory ..	3,012	6,252	5,071
Union of South Africa ..	2,171,267	2,125,216	3,444,678
British Guiana	111,558	95,707	88,097
India	4,201	4,675	4,134
Australia	—	650	200
Total	3,785,000	4,461,000	6,446,000
FOREIGN COUNTRIES			
Angola (d)	626,000	786,000	844,000
Belgian Congo	(d)500,000	712,000	(d) 824,000
French Equatorial Africa ..	40	(a)	5,588
French West Africa	—	2,700	6,500
Brazil (estimated)	290,000	204,527	552,350
Netherlands East Indies ..	9,047	1,670	2,870
Total	1,420,000	1,710,000	2,230,000
WORLD'S TOTAL	5,210,000	6,170,000	8,680,000

(a) Information not available.

(c) Estimated on sales value.

(d) Estimated on export value.

EXPORTS OF DIAMONDS
(Domestic Produce)

Exporting Country and Description.	Unit	1935	1936	1937
BRITISH EMPIRE				
Gold Coast—				
Gem diamonds	Carat	489,172	449,860	462,087
	£	390,454	380,243	417,296
Bort	Carat	656,656	725,539	772,134
	£	92,545	122,939	129,493
Diamond sand	Carat	204,019	239,278	343,440
	£	63,095	81,815	101,268
Sierra Leone	Carat	295,483	616,200	900,997
	£	402,067	(b) 725,272	1,070,384
South West Africa (uncut)	Carat	128,443	184,852	187,619
	£	587,857	895,510	916,968
Tanganyika Territory ..	Carat	1,414	2,704	3,230
	£	2,972	6,252	5,071
Union of South Africa—				
Uncut	Carat	2,416,574	1,002,603	837,916
	£	2,090,941	2,509,114	2,254,516
Cut and polished	Carat	38,930	35,372	42,217
	£	884,584	804,387	1,063,652
British Guiana	Carat	44,331	43,605	35,472
	£	103,399	101,083	86,468
FOREIGN COUNTRIES				
Belgium-Luxemburg E.U.—				
Precious stones, chiefly diamonds	£	2,082,000	2,583,000	3,050,000
do. cut and polished	£	6,157,000	8,739,000	9,124,000
Czechoslovakia—				
Glaziers' diamonds ..	£	816	940	1,273
France—				
Cut and polished	£	1,100,000	970,000	1,860,000
Netherlands—				
Unpolished	£	903,000	2,040,000	1,600,000
Polished	£	2,203,000	2,700,000	2,900,000
U.S.S.R.—				
Uncut	Carat	25,000	30,000	(a)
	£	154,000	166,000	(a)
Cut	Carat	15,000	(a)	(a)
	£	11,000	1,000	(a)
Angola	Carat	471,134	558,719	630,887
	£	640,000	760,000	850,000

(a) Information not available.

(b) Of which bort £38,173.

EXPORTS OF DIAMONDS (*Cont.*)

Exporting Country and Description.	Unit	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)				
Belgian Congo— Gem diamonds	Carat	(<i>d</i>)	(<i>d</i>)	1,067,063
	£	(<i>d</i>)	(<i>d</i>)	706,000
Industrial diamonds ..	Carat	4,312,441	4,612,860	3,992,864
	£	681,000	709,000	273,000
French Equatorial Africa	Carat	138	1,550	6,029
	£	40	500	3,000
French West Africa ..	Carat	—	5,500	52,933
	£	—	2,700	6,500
Brazil (<i>b</i>)—				
Diamonds (<i>c</i>)	£	3,700	5,300	344,000
Carbons	£	2,400	800	2,300

(*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.	Unit	1935	1936	1937
BRITISH EMPIRE				
United Kingdom	Carat	3,903,039	3,001,335	3,363,495
	£	3,000,946	4,166,191	4,487,014
Northern Rhodesia—				
Uncut	Carat	(a)	824	5,606
	£	(a)	392	12,081
Union of South Africa—				
Cut and polished	Carat	232	407	514
	£	1,904	2,562	7,405
Canada—				
Unset	£	163,711	202,662	264,008
Dust, bort, etc.	£	324,171	488,534	937,254
British Guiana	Carat	3	27	127
	£	6	53	244
British India	£	176,622	568,115	739,396
Burma	£	(b)	(b)	(b)62,952
Ceylon	Carat	4,543	2,470	3,038
	£	29,971	22,921	28,064
Palestine—				
Rough diamonds	£	—	162	645
FOREIGN COUNTRIES				
Belgium-Luxemburg E.U.—				
Precious stones, chiefly				
diamonds	£	4,220,000	6,218,000	7,867,000
do. cut and polished	£	836,000	1,024,000	952,000
Czechoslovakia—				
Glaziers' diamonds	£	68	140	198
France—				
Cut and polished	£	1,900,000	1,680,000	4,600,000
Netherlands—				
Unpolished	£	1,660,000	3,000,000	2,200,000
Polished	£	792,000	1,000,000	1,000,000
U.S.S.R.—				
Uncut	Carat	25,000	30,000	(a)
	£	154,000	187,000	(a)
Egypt—				
Cut	Carat	3,444	7,089	3,931
	£	4,233	6,921	4,008

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF DIAMONDS (*Cont.*)

Importing Country and Description.	Unit	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)				
United States—				
Uncut	Carat	79,695	97,677	97,219
	£	869,000	1,254,000	1,564,000
Cut and polished	Carat	330,617	445,610	517,677
	£	3,169,000	4,571,000	6,043,000
Glaziers' diamonds	Carat	954,589	1,166,094	1,885,970
	£	876,000	871,000	1,324,000
Dust and bort	£	20,000	16,500	44,100
Peru—				
Glaziers' diamonds	£	33	32	63
Netherlands East Indies (<i>b</i>)—				
Uncut	£	4	1,100	4,100
Cut and polished	£	3,300	12,300	23,800
Philippine Islands				
	Carat	6,658	16,021	21,104
	£	23,000	77,000	85,000

(*b*) Imported by parcel post and passengers.

DIATOMACEOUS EARTH

PRODUCTION OF DIATOMACEOUS EARTH

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Great Britain	—	1,086	1,141
Northern Ireland	4,893	7,466	7,168
Canada	735	549	574
Barbados	10	10	10
Australia	3,014	2,778	3,190
Union of South Africa	169	96	148
FOREIGN COUNTRIES			
Bulgaria	—	62	138
Denmark (moler)	47,200	61,000	80,000
Estonia (exports)	—	—	100
Finland	984	1,378	1,771
France.. .. .	7,150	9,600	10,600
Germany (d)	5,827	6,112	7,407
Hungary (exports)	1,376	1,197	2,105
Italy	3,007	3,701	4,586
Norway (exports)	140	229	106
Portugal	4,413	64	109
Roumania (c)	3,080	(a)	(a)
Sweden	1,207	1,095	1,736
U. S. S. R.	1,269	(a)	(a)
Algeria	11,200	11,922	12,759
United States.. .. .	(b) 72,721	(a)	(a)
Chile	12	40	(a)
Korea	3,440	742	2,480
Netherlands East Indies	88	124	39

Diatomaceous earth is also produced in Spain and Japan.

(a) Information not available.

(b) Annual average production for years 1933 to 1935.

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

(d) Production of Hessen only.

EXPORTS OF DIATOMACEOUS EARTH

(Domestic Produce)

(Long tons)

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
Canada (including other natural abrasives)	497	431	376
FOREIGN COUNTRIES			
Denmark—			
Moler	34,565	44,860	60,877
Moler bricks	5,884	7,997	9,422
Estonia	—	—	100
France.. .. .	785	726	758
Germany	3,622	2,882	3,736
Hungary (including other earths) ..	1,376	1,197	2,105
Italy—			
Crude	56	76	367
Calcined, etc.	—	3	35
Norway—			
Calcined, etc.	140	229	106
U.S.S.R.	1,269	13	29
Algeria	10,591	11,065	13,884
Chile	12	40	345

IMPORTS OF DIATOMACEOUS EARTH

*(Less Re-exports)**(Long tons)*

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	36,814	39,515	42,583
Union of South Africa	177	425	391
Canada	2,252	2,546	3,400
FOREIGN COUNTRIES			
Denmark	184	188	237
Estonia	18	133	64
Finland (total imports)	86	59	214
France	5,717	5,877	4,750
Germany	12,617	20,592	34,196
Hungary (including other earths) ..	756	780	1,165
Italy—			
Crude	526	217	197
Calcined, etc.	146	43	4
Latvia	—	1	69
Norway	554	387	2,406
Portugal	209	228	(a)
Yugoslavia	364	381	372
Algeria	53	47	10
Egypt	97	147	182
Tunis	33	22	18
Cuba (total imports)	961	1,314	(a)
Mexico	485	1,842	1,556
Peru	2,016	625	286
French Indo-China	7	21	29

(a) Information not available.

FELSPAR

PRODUCTION OF FELSPAR

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
China stone	57,160	66,509	60,715
Canada (sales)	15,841	15,934	19,059
India	702	785	487
Australia (including china stone) ..	4,711	3,691	3,806
FOREIGN COUNTRIES			
Czechoslovakia (estimated) ..	30,000	30,000	30,000
Finland (exports)	2,038	2,480	3,181
Germany (Bavaria only)	5,860	7,864	9,828
Italy	7,496	8,484	(a)
Norway	16,697	24,792	(a)
Roumania (b)	11,344	(a)	(a)
Sweden	47,869	55,902	48,364
U.S.S.R.	23,844	(a)	(a)
Egypt	71	44	156
United States (sales)	189,550	244,726	268,532
Argentina	487	1,065	(a)

Felspar is also produced in China and "Manchoukuo."

(a) Information not available.

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

EXPORTS OF FELSPAR
(Domestic Produce)
(Long tons)

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)	9,980	8,911	9,109
Canada	8,892	12,619	24,520
FOREIGN COUNTRIES			
Austria	206	414	346
Belgium-Luxemburg E.U.	924	1,796	2,567
Czechoslovakia	5,729	5,466	6,757
Finland	2,038	2,480	3,181
Germany	19,022	16,982	18,243
Netherlands	4,153	3,947	3,416
Norway—			
Crude	15,520	19,229	22,848
Ground	8,326	10,283	9,193
Sweden	41,295	45,842	37,914

(b) Including china stone.

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

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)	24,903	27,045	24,627
Canada	543	662	1,602
Palestine	—	12	69
FOREIGN COUNTRIES			
Austria	561	518	443
Belgium-Luxemburg E.U.	7,621	10,286	10,532
Czechoslovakia	1,125	1,206	2,011
Denmark	1,004	1,551	1,662
Finland (total imports)	593	74	114
Germany	29,944	34,277	25,299
Latvia	106	81	266
Netherlands	9,749	8,706	5,972
Sweden	760	604	1,155
Mexico	(a)	438	487
United States	8,938	10,904	12,956
Uruguay	50	23	(a)

(a) Information not available.

(b) Including china stone.

FLUORSPAR

PRODUCTION OF FLUORSPAR

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	31,146	32,962	42,160
Union of South Africa	1,949	3,074	3,558
Canada	67	67	134
Australia	685	816	1,442
Newfoundland	4,000	10,424	12,000
FOREIGN COUNTRIES			
France	22,400	30,100	50,650
Germany—			
Anhalt	7,941	11,048	13,446
Baden	3,879	7,242	13,422
Bavaria	30,783	48,377	61,469
Prussia	24,229	35,698	30,032
Saxony	6,828	7,864	7,946
Thuringia	23,200	18,495	15,862
Italy	8,291	11,256	13,174
Norway	1,050	997	1,076
U.S.S.R.	48,300	64,000	(a)
Tunis	—	—	1,676
Mexico (estimated)	1,000	1,000	1,000
United States	91,000	150,000	163,000
Argentina	397	443	(a)
Korea	9,568	8,602	(b) 15,500

Fluorspar is also produced in Spain and China.

(a) Information not available.

(b) Exports.

EXPORTS OF FLUORSPAR

(Domestic Produce)

(Long tons)

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	5,006	2,736	4,478
Union of South Africa	1,102	700	908
Newfoundland (years ended June 30)	2,930	5,214	7,455
FOREIGN COUNTRIES			
Austria	16	—	—
Belgium-Luxemburg E.U.	198	402	540
Germany	30,929	39,291	45,282
Norway	180	282	468
Korea	9,268	8,193	15,500

IMPORTS OF FLUORSPAR

(Less Re-exports)

(Long tons)

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
Canada	10,349	9,995	10,218
FOREIGN COUNTRIES			
Austria	3,617	4,754	4,583
Belgium-Luxemburg E.U.	2,206	3,007	3,717
Denmark	1,045	1,098	693
Germany	37	1	1
Latvia	34	30	16
Norway	689	970	792
Yugoslavia	740	411	1,129
United States	14,590	22,772	33,092

FULLER'S EARTH

PRODUCTION OF FULLER'S EARTH (Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	not available	not available	not available
India	7,644	6,649	7,416
Australia	33	—	—
FOREIGN COUNTRIES			
United States (sales)	203,344	206,084	201,933
Turkey	5,370	5,668	8,428

EXPORTS OF FULLER'S EARTH.

Statistics of exports of fuller's earth are not separately recorded in official trade returns; exports from the United States, as recorded by producers, were: 1935, 7,286 long tons; 1936, 5,466 long tons; 1937 7,236 long tons.

IMPORTS OF FULLER'S EARTH (Less Re-exports) (Long tons)

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
Union of South Africa	236	193	322
Canada	(£11,294)	(£8,966)	(£10,713)
Ceylon	23	14	14
Australia	306	426	349
FOREIGN COUNTRIES			
U.S.S.R.	1,965	814	—
United States—			
Crude	122	63	40
Prepared	2,498	2,377	2,001
Peru	(a)	1,642	1,960
Philippine Islands	2,249	1,754	1,337

..(a) Information not available.

GOLD

PRODUCTION OF GOLD ORE

(In terms of metal)

(Fine troy ounces)

Producing Country	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	148	1	60
— Anglo-Egyptian Sudan	8,551	7,659	7,388
- Bechuanaland Protectorate	11,418	16,748	17,577
Gold Coast	358,835	428,144	559,212
Kenya	23,009	38,463	54,774
Nigeria	38,962	33,364	26,466
Northern Rhodesia	1,647	4,452	4,228
Southern Rhodesia	726,281	797,061	804,219
Sierra Leone	30,753	37,966	35,717
South West Africa	3,206	4,065	2,804
Swaziland	314	276	2,410
Tanganyika Territory	52,182	69,675	75,281
Uganda	5,651	13,231	16,947
Union of South Africa	10,773,991	11,336,214	11,734,575
Canada	3,284,890	3,748,028	4,096,213
Newfoundland	12,728	16,114	22,470
British Guiana	30,488	32,234	35,993
Burma	1,483	1,439	1,004
Cyprus (c)	6,872	20,991	23,650
Federated Malay States	29,771	37,779	33,828
Unfederated Malay States	276	761	519
India	326,170	331,946	330,744
Sarawak	28,549	23,372	19,214
Australia	914,736	1,175,066	1,381,135
Fiji	6,728	16,955	24,917
New Guinea	184,009	220,974	217,151
New Zealand	165,277	164,575	168,487
Papua	17,012	20,719	22,153
Total	17,040,000	18,600,000	19,720,000
FOREIGN COUNTRIES			
Bulgaria	17	(a)	(a)
Czechoslovakia	14,334	11,013	20,040
Finland	4,630	4,919	4,019

(a) Information not available.

(c) Exports.

PRODUCTION OF GOLD ORE (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France.. .. .	91,595	95,614	66,420
Germany	5,957	7,584	(a)
Hungary	2,070	1,093	(a)
Italy	4,000	8,900	7,800
Norway	231	42	96
Portugal	—	3,282	3,982
Roumania	150,169	160,023	166,795
Spain (estimated)	3,800	4,000	(a)
Sweden	180,554	158,339	193,222
U.S.S.R. (b)	4,500,000	5,500,000	5,000,000
Yugoslavia	78,607	84,876	87,560
Abyssinia	13,700	25,700	(a)
Belgian Congo	370,400	389,272	419,654
Cameroon (French)	2,829	11,027	14,224
Egypt	58	278	1,226
Eritrea	5,000	1,500	(a)
French Equatorial Africa	29,657	22,100	22,489
French West Africa (exports)	125,671	114,416	128,343
Liberia (exports)	965	1,567	2,457
Madagascar	15,464	15,200	15,000
Mcrocco (French)	780	1,500	4,630
Mozambique	7,579	16,711	(a)
Costa Rica	21,662	32,500	(a)
Dominican Republic.. .. .	7,553	8,901	6,397
Guatemala	4,214	1,824	4,190
Honduras	12,274	17,982	21,553
Nicaragua	24,789	23,123	24,242
Panama	5,198	9,189	—
Porto Rico	63	483	17
Salvador	8,129	8,928	8,564
Mexico	682,319	753,950	846,381
United States	3,236,951	3,782,669	4,122,884
Argentina	11,400	12,200	(a)
Bolivia (exports)	—	10	4,127
Brazil	119,084	125,674	145,800
Chile	265,938	248,794	315,553
Colombia	328,991	389,495	442,222
Dutch Guiana (crude)	11,340	14,258	12,756
Ecuador	102,296	70,124	(a)
French Guiana (exports)	47,421	45,526	45,557
Peru	110,959	152,405	168,665

(a) Information not available.

(b) Approximate figures only. It is not possible to form any reliable estimate from the data given in Russian publications.

PRODUCTION OF GOLD ORE (*Cont.*)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Venezuela	112,390	109,994	116,517
Formosa (estimated)	85,000	107,000	112,000
French Indo-China	8,552	9,025	10,127
Japan	589,030	713,666	(a)
Korea	540,000	650,000	(a)
Netherlands East Indies	68,249	71,300	55,616
Philippine Islands	451,818	599,657	716,967
TOTAL ..	12,600,000	14,700,000	14,900,000
WORLD'S TOTAL ..	29,600,000	33,300,000	34,600,000

Gold is also produced in China and "Manchoukuo"—an allowance for this production is made in the total.

(a) Information not available.

EXPORTS OF GOLD
(In terms of metal)
(Fine troy ounces)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Bullion—			
Unrefined	1,806,000	2,021,000	1,501,000
Refined	20,587,000	9,365,000	28,447,000
Coin	2,593,000	1,184,000	910,000
Eire—			
Bullion	(a)	2,000	750
Anglo-Egyptian Sudan—			
Bullion	12,100	9,400	9,000
Gold Coast—			
Bullion	371,000	434,000	558,000
Kenya and Uganda—			
Bullion	34,000	60,000	97,000
Coin	200	—	—
Nigeria—			
Bullion	39,000	35,000	26,000
Northern Rhodesia—			
Bullion	1,400	3,300	4,100
Nyasaland—			
Bullion	130	30	3
Sierra Leone—			
Bullion	32,000	36,500	40,800
Southern Rhodesia—			
Concentrates, etc.	700	1,300	2,100
Bullion	724,900	807,000	805,000
Coin	900	—	—
South West Africa—			
Bullion	2,700	4,000	2,900
Tanganyika Territory—			
Bullion	52,000	69,800	74,800
Union of South Africa—			
Ore and concentrates	5,600	6,700	11,500
Bullion	10,073,000	11,674,000	11,780,000
Coin	8,000	126,700	7,200
Zanzibar—			
Bullion	700	300	—
Coin	1	—	—
Canada—			
Ore, etc.	129,000	173,000	211,000
Bullion	2,746,000	2,039,000	3,030,000
Coin	274,000	136,000	346,000
British West Indies—			
Bahamas—			
Coin	100	400	800

(a) Information not available.

EXPORTS OF GOLD (*Cont.*)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
British West Indies—(<i>cont.</i>)			
St. Lucia—			
Bullion	25	270	48
Trinidad and Tobago—			
Bullion	1,000	2,000	750
Coin	600	700	260
Jamaica—			
Bullion	1,300	800	700
Coin	300	700	400
British Guiana—			
Bullion	31,300	32,800	38,900
Coin	250	30	5
British Borneo (Sarawak)—			
Bullion	27,000	22,000	19,000
British India (<i>c</i>)—			
Bullion	4,639,000	3,602,000	1,970,000
Coin	93,000	7,000	17,000
British Malaya—			
Bullion	161,000	112,000	60,000
Coin	2,000	31,000	27,000
Ceylon—			
Bullion	—	1,200	—
Cyprus—			
Ores and concentrates	6,872	20,991	22,000
Bullion	200	165	—
Hong Kong—			
Bullion	387,000	300,000	96,000
Coin	500	7,000	23,000
Palestine—			
Bullion and coin	67,000	36,000	59,000
Australia—			
Ores, etc. (<i>b</i>)	34,300	33,100	36,641
Bullion	1,133,500	1,380,000	1,740,800
Coin	68,700	22,500	11,700
Fiji—			
Bullion	7,000	17,000	21,000
New Guinea (years ended June 30)—			
Bullion	220,000	200,000	250,500
New Zealand—			
Concentrates, sweepings, etc.	3,900	3,100	2,200
Bullion	160,400	157,800	161,400
Coin	37,800	—	—
Papua (years ended June 30)—			
Ore and concentrates	140	90	600
Bullion	8,600	10,100	10,900

(*b*) Years ended June 30.

(*c*) Includes trade by land as recorded.

EXPORTS OF GOLD (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Bullion	16,000	7,500	700
Coin	11,000	46,000	43,000
Beaten, rolled or drawn ..	800	500	600
Belgium-Luxemburg E.U.—			
Bullion	80,000	80,000	120,000
Czechoslovakia—			
Bullion	579,000	4,500	2,100
Coin	35,000	8,500	70
France—			
Bullion and scrap	45,700,000	44,000,000	(a)
Coin	1,500,000	900,000	(a)
Beaten, rolled or drawn ..	8,000	12,000	6,000
Germany—			
Bullion	390,000	1,100,000	} 1,830,000
Coin	20,000	300	
Beaten or rolled	21,000	17,000	
Hungary—			
Bullion	100	—	130
Coin	500	—	—
Italy—			
Bullion and scrap	9,000	5,000	700
Coin	80	—	16,000
Beaten, rolled or drawn ..	600	500	600
Netherlands—			
Bullion	(b) 6,200,000	(a)	(a)
Coin	(b) 3,600,000	(a)	(a)
Norway—			
Bullion	200	—	—
Coin	86,000	4,000	—
Poland—			
Bullion	492,000	235,000	1,300
Coin	204,000	16,000	69,000
Spain—			
Bullion	9,600	(a)	(a)
Coin	13,800	(a)	(a)
Sweden—			
Bullion	4,100	4,500	8,600
Coin	140,000	5,000	600
Switzerland—			
Bullion	9,600,000	3,000,000	4,500,000
U.S.S.R.	(c)	(c)	(c)
Algeria—			
Coin	6,300	4,000	7,000

(a) Information not available.

(b) Excluding exports by post, which were 530,000 fine troy ounces of bullion and coin.

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

EXPORTS OF GOLD (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Belgian Congo—			
Bullion	300,000	384,000	411,000
Cameroon (French)—			
Bullion	2,000	5,000	12,000
Egypt—			
Bullion	142,000	70	156,000
Coin	180	1,000	3,300
French Equatorial Africa—			
Bullion	23,000	16,000	16,000
French West Africa—			
Bullion	125,000	114,000	128,000
Liberia—			
Bullion	965	1,567	2,457
Madagascar—			
Bullion	13,000	11,000	11,300
Morocco (French)—			
Bullion	—	40	136,000
Coin	—	50,000	1,000
Mozambique—			
Coin	3,000	—	4,600
Costa Rica—			
Bullion	13,000	12,600	13,200
Coin	1,600	100	—
Cuba—			
Bullion and scrap	1,500	1,400	(a)
Dominican Republic—			
Bullion and scrap	9,200	10,800	7,500
Guatemala—			
Bullion, etc.	3,500	4,000	8,000
Honduras (years ended July 31)—			
Bullion, etc.	13,000	27,000	36,000
Mexico—			
Bullion	264,000	1,043,000	1,132,000
Coin	91,000	—	—
Nicaragua—			
Bullion, etc.	5,000	—	—
Concentrates	11,000	23,000	24,000
Salvador—			
Bullion	12,000	(a)	(a)

(a) Information not available.

EXPORTS OF GOLD (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
United States—			
Ore and base bullion ..	28,000	24,000	27,000
Refined bullion	27,000	760,000	1,288,000
Coin	1,400	—	—
Argentina—			
Bullion and coin	170,000	27,900	6,400
Bolivia—			
Ore	—	10	4,127
Chile—			
Ore, excluding mixed ores	93,000	65,000	56,000
Bullion	34,000	67,000	32,000
Coin	—	—	19,000
Colombia—			
Bullion	341,000	340,000	524,000
Dutch Guiana—			
Bullion	10,800	13,000	12,000
French Guiana—			
Bullion	47,000	46,000	46,000
Peru—			
Ores, concentrates, etc. ..	39,000	36,000	29,000
Bullion, etc.	30,000	91,000	140,000
Venezuela—			
Alluvial	12,000	14,000	(a)
Bullion	90,000	93,000	(a)
Coin	—	40,000	(a)
China—			
Bullion	400,000	370,000	530,000
French Indo-China—			
Bullion	16,000	44,000	18,000
Iraq—			
Bullion, etc.	21,000	16,000	2,000
Coin	21,000	11,000	7,000
Korea—			
Ore	54,000	54,000	51,000
Bullion	280,000	430,000	(a)
Netherlands East Indies—			
Bullion and scrap	70,000	60,000	83,000
Coin	36,000	3,000	53,000
Philippine Islands—			
Ore	6,400	28,000	18,000
Bullion	210,000	300,000	390,000
Siam—			
Bullion	95,000	70,000	40,000
Syria and Lebanon—			
Coin	—	5,000	—

(a) Information not available.

IMPORTS OF GOLD
(*In terms of metal*)
(Fine troy ounces)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore, etc.	44,000	30,000	34,000
Bullion—			
Unrefined	6,639,000	5,514,000	4,159,000
Refined	25,274,000	37,905,000	37,075,000
Coin	2,935,000	1,720,000	906,000
Eire—			
Bullion	—	500	—
Malta—			
Bullion	—	5	6
Coin	40	300	3
Anglo-Egyptian Sudan—			
Bullion	10	2,200	11,300
Coin	120	3	—
Kenya and Uganda—			
Bullion	3,800	5,700	25,500
Coin	—	400	100
Southern Rhodesia—			
Bullion	8,600	10,000	10,900
Coin	7,900	5,900	4,100
Tanganyika Territory—			
Bullion	—	80	40
Union of South Africa—			
Bullion	24,200	9,800	12,200
Coin	2,000	1,700	500
Zanzibar—			
Bullion	—	—	70
Coin	—	300	—
Canada—			
Bullion, etc.	15,000	5,000	5,000
British West Indies—			
Jamaica—			
Bullion	—	40	700
Trinidad and Tobago—			
Coin	83	24	—
British Guiana—			
Bullion	60	70	60
British India (b)—			
Bullion	74,000	69,000	43,000
Coin	50,000	68,000	168,000

(b) Includes trade by land as recorded.

IMPORTS OF GOLD (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British Malaya—			
Bullion	108,000	60,000	121,000
Coin	21,000	14,000	72,000
Ceylon—			
Bullion	—	—	3,500
Coin	—	—	100
Hong Kong—			
Bullion	49,000	33,000	97,000
Coin	—	—	3,000
Palestine—			
Bullion and coin	75,300	23,000	55,000
Australia—			
Ore, matte, etc. (b) ..	30	20	40
Bullion, etc.	236,700	255,700	280,600
Coin	180	10	1
New Zealand—			
Bullion, etc.	200	300	(a)
FOREIGN COUNTRIES			
Austria—			
Bullion	61,000	52,000	27,000
Coin	150	38,000	30
Beaten, rolled or drawn ..	300	200	100
Belgium-Luxemburg E.U.—			
Bullion, etc.	350,000	390,000	390,000
Bulgaria—			
Bullion, etc.	—	10,000	114,000
Czechoslovakia—			
Bullion	27,000	18,000	700
Coin	400	100	20
Denmark—			
Bullion, etc.	7,000	8,000	7,000
Finland—			
Bullion	7,000	98,000	91,000
Sheet and wire	400	600	1,000
France—			
Bullion and scrap	18,000,000	2,600,000	(a)
Coin	6,000,000	9,000,000	(a)
Beaten, rolled or drawn ..	6,000	9,000	30,000

(a) Information not available.

(b) Years ended June 30.

IMPORTS OF GOLD (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Germany—			
Ore	20,000	50,000	} 1,720,000
Scrap	80,000	15,000	
Bullion	1,500,000	1,000,000	
Coin	55,000	22,000	
Beaten or rolled	100	70	
Greece—			
Bullion and coin	400	30	120
Hungary—			
Bullion	1,900	1,900	900
Coin	—	50	—
Italy—			
Bullion and scrap	80,000	70,000	700
Coin	2,300	6,500	—
Beaten, rolled or drawn	600	10	60
Latvia—			
Bullion, etc.	500	1,000	1,500
Lithuania—			
Bullion	700	—	350
Coin	6,900	—	—
Netherlands—			
Bullion	4,300,000	(a)	(a)
Coin	560,000	(a)	(a)
Norway—			
Bullion	450,000	5,000	1,000
Sheets and rolled	2,600	2,900	2,500
Poland—			
Bullion	22,000	2,700	710,000
Coin	360,000	140,000	18,000
Roumania—			
Bullion, etc.	6	—	25,000
Spain—			
Bullion	750	(a)	(a)
Coin	1,560	(a)	(a)
Sweden—			
Bullion	1,450,000	295,000	5,400
Coin	900	1,700	90
Switzerland—			
Bullion	3,000,000	6,700,000	2,800,000

(a) Information not available.

IMPORTS OF GOLD (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Bullion	63,000	61,000	55,000
Coin	70	30	—
Beaten, rolled or drawn ..	100	160	150
Algeria—			
Bullion and coin	450	550	6,000
Egypt—			
Bullion	15	600	200
Coin	1,800	1,400	1,600
Morocco (French)—			
Bullion	—	100,000	1,200
Coin	600	3,000	2,000
Mexico—			
Coin	—	10	—
United States—			
Ore and base bullion	2,100,000	2,100,000	2,100,000
Refined bullion	45,100,000	30,500,000	44,400,000
Coin	2,600,000	80,000	75,000
Argentina—			
Bullion and coin	15,300	46,300	1,923,600
Brazil—			
Bullion	230	500	230
Chile—			
Bullion	50,000	—	—
Dutch Guiana—			
Bullion	700	900	(a)
Venezuela—			
Bullion	10	30	(a)
Coin	6,500	—	(a)
China—			
Bullion	4,400	15,000	16,000
Coin	1,100	6,000	17,000
French Indo-China—			
Bullion	1,600	11,000	400
Drawn and rolled	160	250	400
Coin	500	2,000	25
Iran (b)—			
Bullion	80,000	—	—
Coin	1,800	10	—

(a) Information not available.

(b) Years ended June 21.

IMPORTS OF GOLD (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Iraq—			
Bullion and coin	7,800	6,800	7,900
Japan—			
Bullion	600	—	(a)
Korea—			
Bullion	17,000	6,000	(a)
Netherlands East Indies—			
Bullion and scrap	2,000	100	1,600
Coin	22,000	4,300	156,000
Philippine Islands—			
Bullion	300	80	250
Siam—			
Bullion	—	20	3,400
Coin	—	500	—
Syria and Lebanon—			
Coin	18,000	4,000	50,000

(a) Information not available.

GRAPHITE

PRODUCTION OF GRAPHITE

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Union of South Africa ..	65	58	61
Canada (sales)	1,591	(b)	(b)
Ceylon (exports)	13,908	13,515	17,381
India	557	388	558
Australia	44	23	14
FOREIGN COUNTRIES			
Austria (crude)	19,182	21,367	17,871
Czechoslovakia	1,840	2,880	5,046
Germany (crude)	21,321	23,906	23,172
Italy	5,072	5,118	5,326
Norway	2,305	2,338	2,695
Sweden	68	62	25
U.S.S.R.	82,400	(a)	(a)
Madagascar	9,621	7,280	(c)12,192
Morocco (French)	—	400	331
Argentina	—	18	(a)
Mexico	6,866	10,092	11,032
Brazil	(a)	(a)	8
Japan	1,182	1,551	(a)
Korea—			
Flake	4,167	5,757	} (c)42,881
Other	39,368	34,511	

NOTE :—Graphite is also produced in the United States.

(a) Information not available.

(b) Recorded by value only $\left\{ \begin{array}{ll} 1936 \dots & \dots \text{£}17,859 \\ 1937 \dots & \dots \text{£}25,373 \end{array} \right.$

(c) Exports.

EXPORTS OF GRAPHITE

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Crucibles	2,673	2,424	2,883
Canada	3,168	3,022	2,632
Ceylon	13,908	13,515	17,381
Hong Kong (including re- exports)	90	161	314
Australia	23	28	28
FOREIGN COUNTRIES			
Austria	13,946	15,720	13,795
Belgium-Luxemburg E.U.—			
Crude and ground	340	375	263
Crucibles, etc.	128	170	168
Czechoslovakia	1,839	2,585	2,835
Denmark	97	74	114
France	761	523	803
Germany	4,066	3,195	3,018
Hungary	16	26	11
Italy	2,208	1,295	1,756
Norway	2,856	3,344	3,684
Sweden	67	6	12
U.S.S.R.	91	17	—
Algeria	61	—	—
Madagascar	7,919	8,435	12,192
Morocco (French)	237	232	149
Mexico	6,866	10,092	11,032
United States	(b)1,321	729	1,352
French Indo-China	—	10	—
Japan	5,039	5,991	5,129
Korea	44,727	39,167	42,881

(b) Including manufactures.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Natural	13,287	(c) 14,042	(c) 15,269
Crucibles	8	9	5
Eire	25	61	61
Mauritius—			
Graphite	(£4)	(£79)	—
Crucibles	(£169)	(£281)	(£428)
Southern Rhodesia	12	17	6
Union of South Africa	209	217	281
Canada—			
Unground	(£1,332)	(£1,039)	(£1,932)
Ground, including manu- factures	(£18,861)	(£17,733)	(£21,293)
Crucibles	(£7,732)	(£7,754)	(£12,638)
Newfoundland (years ended June 30)	(£15)	(£59)	(£30)
British India—			
Graphite	545	508	582
Crucibles	231	173	250
Burma—			
Graphite	(b)	(b)	(b)49
Crucibles	(b)	(b)	(b)7
Hong Kong (total imports) ..	982	1,338	1,424
Australia	874	563	748
New Zealand (£ N.Z.)	(£1,456)	(£2,289)	(a)
FOREIGN COUNTRIES			
Austria	296	422	520
Belgium-Luxemburg E.U.—			
Crude and ground	1,121	1,185	1,381
Crucibles, etc.	299	300	387
Bulgaria	101	121	129
Czechoslovakia	1,658	2,443	3,480
Denmark—			
Graphite	731	450	538
Crucibles	90	43	72

(a) Information not available.

(b) Included with India prior to April 1, 1937.

(c) Including a small amount of artificial graphite.

IMPORTS OF GRAPHITE (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Finland (total imports) ..	119	124	147
France.. .. .	3,656	3,832	4,155
Germany	11,964	12,689	7,828
Hungary	940	1,092	1,292
Italy	2,145	1,788	3,439
Latvia	49	75	40
Norway—			
Crucibles, etc.	87	9	52
Poland	443	728	1,279
Portugal	16	23	(a)
Roumania—			
Graphite	893	786	863
Crucibles	65	65	103
Sweden	626	501	768
Yugoslavia	956	462	520
Algeria	20	19	13
Egypt	92	71	169
Tunis—			
Graphite	5	3	5
Crucibles	6	4	4
Mexico	86	108	111
United States	16,394	21,582	26,422
Argentina	415	424	459
Chile	666	79	85
Colombia	11	6	10
Peru	15	32	19
French Indo-China	19	34	79
Japan (total imports) ..	3,851	3,854	4,894
Netherlands East Indies ..	130	359	436
Turkey—			
Graphite	31	31	34
Crucibles, etc.	62	42	44

(a) Information not available.

GYPSUM

PRODUCTION OF GYPSUM
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	981,913	1,002,472	1,094,109
Eire	(a)	6,000	11,463
Union of South Africa	21,249	31,457	36,582
Canada	502,206	750,996	1,027,736
Cyprus (estimated)	16,000	13,000	15,000
Palestine	4,471	6,111	3,872
India	45,318	54,404	46,090
Australia	118,136	125,584	155,209
FOREIGN COUNTRIES			
Austria	38,000	48,000	(a)
Estonia	6,139	13,630	12,547
France	1,255,000	1,324,000	1,300,000
Germany	952,000	(a)	(a)
Greece	4,800	13,561	(a) ^m
Italy (including alabaster)	463,726	319,659	409,625
Latvia (exports)	97,372	121,552	193,802
Luxemburg	29,008	28,650	19,411
Portugal	(a)	(a)	11,210
Roumania (b)	61,058	43,296	(a)
Sweden	167	92	(a)
Yugoslavia (estimated)	10,000	10,000	10,000
Algeria	54,476	44,575	40,490
Egypt	187,655	(b)252,164	(b)249,634
Tunis	25,000	25,000	22,400
Mexico	59,944	60,736	(c) 70,000
United States.. ..	1,699,893	2,421,884	2,730,505
Argentina	48,987	54,826	(a)

(a) Information not available.

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

(c) Estimated.

PRODUCTION OF GYPSUM (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Chile	25,738	22,316	(a)
Peru	8,913	12,362	(a)
China (estimated)	70,000	70,000	70,000
Japan	135,503	(a)	(a)
New Caledonia	—	—	969

Gypsum is also produced in Poland, Spain, Switzerland, U.S.S.R., French Morocco, Brazil, Cuba and Korea.

(a) Information not available.

EXPORTS OF GYPSUM
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Calcined	14,389	10,569	9,628
Union of South Africa	1,617	1,510	1,763
Canada—			
Crude	392,269	580,694	751,063
Calcined	641	671	1,102
Cyprus—			
Crude	8,606	11,430	8,725
Calcined	6,010	4,911	4,637
Hong Kong (including re-exports)..	3,703	1,832	1,219
Australia—			
Crude	15,060	13,822	—
Calcined	8,306	7,788	22,473
FOREIGN COUNTRIES			
Austria—			
Crude and ground	11,266	17,687	21,024
Calcined	12,228	13,785	14,547
Belgium-Luxemburg E.U.—			
Crude	41,187	26,608	16,218
Ground and calcined	11,381	9,808	10,296
Czechoslovakia—			
Crude, ground and calcined ..	29	95	3
Denmark—			
Crude and calcined	2	2	13
Estonia	4,481	6,003	6,485
France—			
Crude and calcined	200,862	214,249	273,487
Germany—			
Gypsum and phosphatic gypsum	64,884	66,530	72,515
Hungary—			
Calcined	1	2	—
Italy—			
Crude	15,577	504	15,549
Calcined	667	306	912
Alabaster, crude	578	645	627

EXPORTS OF GYPSUM (Cont.)

Exporting Country and Description	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Latvia—			
Crude	81,673	94,779	154,297
Ground and calcined	15,640	26,743	39,505
Alabaster	59	30	—
Netherlands	34	222	32
Poland—			
Crude	1,214	38	20
Ground and calcined	1,192	1,813	1,487
Portugal—			
Crude	15	20	(a)
Roumania	5,672	5,876	8,631
Sweden—			
Calcined	2	18	—
Switzerland—			
Ground and calcined	66	79	87
Yugoslavia—			
Crude	6,837	14,839	7,233
Ground and calcined	89	535	743
Algeria	1,593	870	225
Egypt—			
Crude	20,265	25,909	23,350
Calcined	147	12	(a)
Morocco (French)	596	1,040	4,232
Morocco (Spanish)	(a)	982	924
Tunis (including re-exports)—			
Calcined	23	—	20
Mexico—			
Crude	37,340	69,339	48,687
United States—			
Crude and ground	4,043	(£21,700)	4,991
Calcined	(b) 4,212	(b)(£29,800)	2,542
Argentina	3,764	4,146	5,493
China	1,495	1,322	1,084
Korea	(a)	1,482	3,954

(a) Information not available.

(b) Including manufactures.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Crude, including alabaster ..	121,747	177,758	233,034
Calcined	15,077	23,917	26,886
Eire—			
Calcined, etc.	14,292	8,301	4,403
Southern Rhodesia—			
Crude and calcined	1,493	1,190	1,500
South West Africa	8	12	9
Union of South Africa—			
Crude and calcined	4,385	4,401	5,025
Canada—			
Crude	15	4	50
Ground	234	304	298
Calcined	1,542	738	1,232
Newfoundland (years ended June 30)—			
Crude and calcined	(£424)	(£321)	(£236)
Hong Kong (total imports).. .. .	3,733	3,366	5,540
Palestine—			
Crude and calcined	4,261	1,564	2,989
Australia—			
Crude and calcined	1,080	1,599	1,193
New Zealand—			
Crude	7,207	8,610	(a)
Calcined	12,118	11,315	(a)
FOREIGN COUNTRIES			
Albania	62	61	86
Austria—			
Crude and ground	249	104	145
Calcined	621	655	668
Belgium-Luxemburg E.U.—			
Crude	128,224	134,771	149,874
Ground and calcined	37,338	40,553	37,507
Alabaster, crude	—	2	—
Bulgaria—			
Crude	1	—	1
Calcined	47	40	41
Czechoslovakia—			
Crude and ground	12,180	20,363	23,323
Calcined	14,749	17,318	19,610

(a) Information not available.

IMPORTS OF GYPSUM (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Denmark—			
Crude	22,378	26,639	26,067
Calcined	5,011	4,975	4,060
Estonia	12	40	17
Finland (total imports)—			
Crude	14,364	17,030	22,812
Calcined	9,924	13,569	19,302
France—			
Alabaster	39	35	40
Crude and calcined	3,029	2,049	1,832
Germany—			
Gypsum and phosphatic gypsum ..	27,490	28,106	16,577
Greece	131	16	33
Hungary—			
Crude, including barytes	8,457	10,093	13,433
Ground	98	103	96
Calcined	10,827	11,355	13,141
Iceland	10	(a)	(a)
Italy—			
Crude	2,504	—	—
Calcined	99	10	41
Alabaster, crude	3	—	—
Latvia—			
Crude and ground	16	32	33
Lithuania—			
Ground and calcined	268	236	324
Netherlands	22,957	17,662	21,249
Norway—			
Crude	9,987	11,376	14,852
Ground	2,516	3,002	2,864
Poland—			
Crude	—	—	33
Ground and calcined	1,235	1,137	1,444
Portugal—			
Crude	9,427	4,955	(a)
Calcined	149	147	(a)
Sweden—			
Crude	29,884	28,907	35,754
Calcined	7,104	7,660	8,535
Switzerland—			
Ground and calcined	1,462	1,130	1,331
U.S.S.R.—			
Crude	—	—	773

(a) Information not available.

IMPORTS OF GYPSUM (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Ground and calcined	119	183	187
Algeria—			
Alabaster	2	1	1
Calcined	1,588	892	493
Angola—			
Crude and calcined	7	15	(a)
Egypt—			
Crude and ground	39	50	25
Calcined	4,099	3,282	2,954
Madagascar	6	3	5
Morocco (French)	1,926	1,061	439
Morocco (Spanish)	(a)	52	37
Mozambique—			
Crude	356	295	363
Calcined	5	12	7
Tunis—			
Alabaster	1	—	1
Calcined	271	425	168
Cuba (total imports)	593	1,167	(a)
United States—			
Crude	402,009	604,455	801,325
Ground	1,108	1,227	1,528
Calcined	537	402	315
Argentina	480	333	570
Chile	19	33	66
Colombia—			
Ground	153	182	250
Peru—			
Crude	6	2	7
Calcined	11	17	11
Uruguay—			
Ground	501	846	950
China	10,697	92	20
Formosa	474	380	(a)
French Indo-China—			
Crude	1,091	8,178	6,081
Ground	78	53	205
Japan (total imports)	10,157	16,910	11,163
Korea (total imports)	2,953	6,333	—
“ Manchoukuo ”	3,831	16,638	18,554
Netherlands East Indies	4,629	2,873	6,735
Philippine Islands	4,013	4,697	5,474
Syria and Lebanon	3,671	5,818	1,257
New Caledonia	10,300	—	(a)

(a) Information not available.

IRON AND STEEL

PRODUCTION OF IRON ORE*
(including Manganiferous Iron Ore)
(Long tons)

Producing Country.	Ore.			Estimated Iron Content.		
	1935	1936	1937	1935	1936	1937
BRITISH EMPIRE						
United Kingdom (b)	10,895,385	12,701,386	14,214,995	3,268,616	3,810,416	4,264,499
Northern Rhodesia	—	—	520	—	—	(a)
Sierra Leone	—	—	—	—	—	—
(shipments)	433,540	566,595	633,985	247,100	323,000	361,400
South West Africa	—	—	14,054	—	—	6,605
Union of South Africa	299,247	359,219	454,505	188,615	231,373	290,701
Newfoundland ..	662,441	727,355	1,609,723	344,000	378,000	840,000
Burma	23,085	26,316	25,426	15,000	17,000	16,500
India	2,341,212	2,526,931	2,870,832	1,500,000	1,620,000	1,840,000
Federated Malay States	(a)	449	1,147	(a)	(a)	(a)
Unfederated Malay States	1,411,636	1,654,547	1,660,842	900,000	1,060,000	1,060,000
Australia	1,874,350	1,889,599	1,870,954	1,237,000	1,247,000	1,235,000
New Zealand ..	10,646	—	571	4,900	—	250
TOTAL ..	17,950,000	20,450,000	28,860,000			
FOREIGN COUNTRIES						
Austria	763,175	1,008,110	1,854,928	264,997	358,062	650,000
Belgium	161,920	187,649	(a)	73,000	86,000	(a)
Bulgaria	2,333	6,159	11,732	1,516	4,003	7,486
Czechoslovakia ..	719,512	1,072,414	1,787,999	237,693	346,626	578,000
France	31,539,780	32,775,667	37,252,386	11,000,000	11,500,000	13,000,000
Germany	5,947,855	7,450,638	7,700,765	1,819,361	2,222,989	2,538,780
Greece	200,922	275,845	(a)	97,196	131,522	(a)
Hungary	189,357	275,256	284,948	63,466	92,293	95,000

* For detailed figures see page 175.

(a) Information not available.

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

1935	7,986	long tons.
1936	7,224	.. ..
1937	8,243	.. ..

PRODUCTION OF IRON ORE (Cont.)

Producing Country	Ore.			Estimated Iron Content.		
	1935	1936	1937	1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
Italy	559,771	844,513	1,000,219	280,000	422,000	504,000
Luxemburg	4,068,520	4,818,667	7,643,597	1,248,689	1,452,872	2,205,083
Norway	753,067	833,435	992,301	489,443	542,020	643,754
Poland	327,059	461,253	767,830	103,000	147,000	244,000
Portugal	866	6,436	7,578	400	3,500	3,012
Roumania	92,331	106,835	126,967	41,000	48,000	57,000
Spain	2,591,570	(a)	(a)	1,220,000	(a)	(a)
Sweden	7,807,566	11,071,933	14,716,394	4,783,000	6,744,470	8,991,371
Switzerland	3,813	10,000	70,000	(a)	(a)	(a)
U.S.S.R.	26,421,000	27,477,000	(a)	(a)	(a)	(a)
Yugoslavia	231,022	443,738	609,713	116,000	222,000	305,000
Algeria	1,648,171	2,136,248	2,288,000	873,500	1,132,000	1,200,000
Belgian Congo	8,400	(a)	(a)	(a)	(a)	(a)
Egypt	15	—	—	7	—	—
Morocco (Spanish)	1,149,323	1,036,355	1,400,000	632,000	570,000	770,000
Tunis	496,000	715,000	928,858	257,000	367,000	471,806
Cuba (Shipments)	224,801	449,612	488,420	100,000	200,000	220,000
Mexico	94,080	121,176	133,869	60,257	77,630	88,300
United States (b)	31,064,436	49,729,264	73,434,520	15,500,000	24,900,000	36,700,000
Brazil	(a)	(a)	182,708	(a)	(a)	(a)
Chile	835,987	1,332,325	1,505,542	508,989	802,592	920,000
French Indo-China	625	9,859	32,764	271	4,793	
Japan	507,718	742,500	(a)	(a)	(a)	(a)
Korea	588,663	(a)	(a)	341,000	(a)	(a)
"Manchoukuo"	1,454,598	(a)	(a)	(a)	(a)	(a)
Philippine Islands	(c) 278,836	529,041	681,698	(a)	(a)	(a)
TOTAL ..	122,000,000	150,000,000	190,000,000			
WORLD'S TOTAL	140,000,000	170,000,000	214,000,000			

Iron ore is also produced in China.

(a) Information not available.

(b) Including shipments of manganiferous iron ore up to 35 per cent. Mn.

DETAILS OF PRODUCTION OF IRON ORE IN CERTAIN COUNTRIES

Producing Country.	1935	1936	1937
Great Britain—			
West Coast hematite ..	839,915	879,907	856,905
Jurassic ironstones—			
Lower lias	2,435,745	2,962,199	3,044,707
Middle lias	2,995,257	3,527,783	4,037,669
Inferior oolite	4,311,286	4,927,394	5,836,522
Coal measure ironstones ..	167,072	174,165	178,645
Other iron ore (hematite, limonite, etc.)	146,110	229,938	260,547
Union of South Africa—			
Hematite	241,174	301,300	380,394
Siliceous hematite	58,073	57,919	74,111
Belgium—			
Oolitic limonite and hematite	138,300	168,949	(a)
Limonite	23,620	18,700	(a)
Bulgaria—			
Hematite	} 2,333	6,159 {	1,398
Magnetite			10,334
France—			
<i>By phosphorus content—</i>			
<i>To 0.075%</i>	33,424	(b)42,963	(b)81,976
<i>Over 0.075% to 1.7%</i>	1,596,063	(b)1,727,443	(b)2,243,861
<i>Over 1.7%</i>	29,910,293	(b)30,892,768	(b)3,485,085
Germany—			
Limonite (under 12% Mn)	3,094,466	4,168,201	4,374,364
Limonite (12–30% Mn) ..	188,640	227,996	160,861
Hematite	327,160	445,542	593,342
Siderite	1,858,697	1,968,473	1,609,835
Flux ironstone	193,016	227,825	271,627
Magnetite	} 285,876	53,935	} 690,736
Other ores		358,666	
<i>By phosphorus content—</i>			
<i>To 0.05%</i>	2,019,831	2,219,770	(a)
<i>Over 0.05 to 0.1%</i>	187,789	272,369	(a)
<i>Over 0.1 to 0.5%</i>	1,314,056	2,435,941	(a)
<i>Over 0.5 to 0.75%</i>	653,822	288,616	(a)
<i>Over 0.75 to 1.0%</i>	977,537	1,232,234	(a)
<i>Over 1.0%</i>	794,820	1,001,708	(a)
Italy—			
Iron ore	542,744	825,585	982,046
Manganiferous iron ore ..	17,027	18,928	18,173

(a) Information not available.

(b) Sales.

DETAILS OF PRODUCTION OF IRON ORE (Cont.)

Producing Country.	1935	1936	1937
Luxemburg—			
Siliceous iron ore	2,638,000	3,053,923	3,985,281
Calcareous iron ore	1,315,692	1,588,219	3,367,884
Ferruginous limestones	114,828	176,525	290,432
By phosphorus content—			
From 0.5 to under 0.6%	1,049,410	1,371,858	3,052,382
From 0.6 to 0.75%	3,019,110	3,446,809	4,591,215
Poland—			
Limonite	37,210	64,241	107,034
Argillaceous iron ore	289,849	397,012	660,796
Portugal—			
Hematite	866	6,436	7,578
Roumania—			
Limonite, siderite and magnetite	91,932	106,835	126,967
Sweden—			
By phosphorus content—			
Under 0.01%	892,795	1,146,471	1,282,698
0.01% to under 0.05%	1,002,941	1,237,566	1,831,681
0.05% to under 0.1%	205,640	371,887	392,224
0.1% to under 0.6%	899,406	1,324,680	1,856,448
0.6% to under 1.0%	2,254,203	2,702,368	3,571,647
1% and over	2,552,581	4,288,961	5,781,696
Algeria—			
Non-phosphoric	1,648,171	2,136,248	2,288,800
Egypt—			
Magnetite	15	—	—
United States—			
Ore containing less than 5% Mn—			
Hematite*	28,920,328	46,107,680	68,072,781
Magnetite*	1,352,054	2,205,643	3,353,861
Limonite	267,183	474,889	666,374
Siderite	687	533	532
Ore containing 5 to under 10% Mn	430,893	841,557	1,189,017
Ore containing 10 to under 35% Mn	93,291	98,962	151,955

* Some hematite is included with magnetite.

EXPORTS OF IRON ORE

(Domestic Produce)

(Long tons)

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	757	3,157	3,122
Eire—			
Bog ore	210	235	490
Burnt pyrites	18,403	22,036	20,254
Sierra Leone	433,540	577,692	633,985
Newfoundland	736,661	880,132	1,607,102
British India	2,118	1,709	7,886
British Malaya (c)	1,406,538	1,612,309	1,539,202
Australia	552,342	376,418	115,521
FOREIGN COUNTRIES			
Austria	129,162	209,619	377,380
Belgium-Luxemburg E.U. ..	823,858	920,607	2,247,226
Bulgaria	5,426	6,390	15,046
Czechoslovakia	80,582	72,780	178,743
Finland	—	28,950	27,235
France	(b) 16,369,139	17,963,536	19,015,644
Germany	18,030	5,795	9,980
Greece	240,358	143,202	332,862
Hungary (including burnt pyrites)	19,559	41,840	56,728
Italy	134	49	52
Netherlands	137	—	(c) 2,441
Norway	773,870	979,546	1,009,691
Poland	1,961	380	13,406
Roumania	26,797	24,207	33,652
Spain	1,863,467	(a)	(a)
Sweden	7,596,983	11,020,972	13,744,075
Switzerland	5,801	31,330	146,232
U.S.S.R.	155,697	25,485	345,938
Yugoslavia	177,659	308,526	492,236

(a) Information not available. (c) Including re-exports.

(b) Including exports from the Saar territory up to 17th February.

EXPORTS OF IRON ORE (Cont.)

Exporting Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria	1,437,341	2,139,181	2,516,035
Morocco (French)	—	5,617	26,170
Morocco (Spanish)	1,149,165	1,168,412	1,251,711
Tunis (c)	479,230	785,505	959,068
Cuba	190,734	340,044	(a)
Mexico	1,392	3,285	25,577
United States	660,553	645,284	1,264,102
Brazil	46,438	109,244	182,708
Chile	831,749	1,328,365	1,449,476
China	1,295,260	1,282,130	577,267
French Indo-China	—	1,140	12,406
Japan	(a)	(a)	445
Korea	238,579	239,051	994,717
“ Manchoukuo ”	248	309	2,290
Philippine Islands	278,836	644,120	591,693
Turkey	10	—	—

(a) Information not available.

(c) Including re-exports.

IMPORTS OF IRON ORE

(Less Re-exports)

(Long tons)

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	4,546,937	5,960,385	7,038,753
Eire	1	18	70
Canada	1,348,154	1,175,922	1,897,296
British India	77	4	3
Burma	(d)	(d)	(d)200
FOREIGN COUNTRIES			
Austria	1,064	2,530	7,589
Belgium-Luxemburg E.U. .. .	10,415,653	10,548,859	12,214,323
Czechoslovakia	540,320	546,139	1,475,826
Finland (b)	403	508	1,234
France.. .. .	435,810	385,340	906,032
Germany	13,839,002	18,177,642	20,295,198
Hungary (including burnt pyrites)	262,467	350,795	467,136
Italy	184,005	39,612	180,126
Netherlands	418,214	480,977	600,370
Norway	6,694	2,199	1,638
Poland	240,121	340,436	540,374
Roumania	40,237	87,573	97,325
Spain	9,946	(a)	(a)
Sweden	47	46	74
Switzerland (c)	42,951	49,275	49,362
Yugoslavia	942	30	—
Algeria	2	980	197
Tunis	2,118	1,810	1,525
United States.. .. .	1,492,435	2,232,229	2,442,069
China	1,693	1,639	—
Japan (b)	3,350,335	3,720,408	(a)
Korea (b)	34,663	47,199	(a)
Turkey	344	1,573	266

(a) Information not available.

(b) Total imports.

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

(d) Included with India prior to April 1, 1937.

TOTAL IMPORTS OF IRON ORE INTO THE UNITED KINGDOM BY PORTS

(Long tons)

Port.	1935	1936	1937
ENGLAND AND WALES			
North-East—			
Grimsby, including Immingham ..	302,421	403,887	400,099
Hartlepool	—	—	72,349
Middlesbrough	1,465,309	2,006,850	2,410,576
Newcastle, including Shields ..	289,449	445,041	418,318
Stockton	508	828	—
Sunderland	40,597	55,434	121,515
South-East—			
London	378,765	401,646	368,753
North-West—			
Barrow-in-Furness	131,575	142,419	232,423
Liverpool	221,620	288,949	279,064
Manchester	157,090	152,576	184,817
Maryport	—	—	1,183
Workington, including Harrington	209,073	291,844	357,853
South-West—			
Cardiff	249,265	552,023	607,106
Newport	6,150	3,342	208,918
Port Talbot	427,713	437,574	460,447
Chester	—	—	28
SCOTLAND			
Ardrossan	117,426	109,439	91,893
Glasgow	285,528	369,010	496,372
Grangemouth	240,956	276,263	280,766

PRODUCTION OF PIG-IRON AND FERRO-ALLOYS*
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	6,424,100	7,721,400	8,493,100
Union of South Africa ..	170,746	198,994	271,887
Canada	656,491	754,515	980,927
India	1,466,044	1,543,319	1,629,301
Australia (b)	698,493	783,233	(a)
New Zealand	4,902	—	—
Total ..	9,400,000	11,000,000	11,400,000
FOREIGN COUNTRIES			
Austria	190,119	244,192	382,972
Belgium	2,981,752	3,111,411	3,782,115
Czechoslovakia	798,130	1,121,883	1,649,000
Finland	10,861	12,900	(a)
France—			
Saar	(c)297,422	...	...
Other districts	5,698,338	6,131,372	7,789,211
Germany (f)	12,643,316	15,060,796	15,705,340
Hungary	182,947	301,452	352,282
Italy	692,718	815,398	860,497
Luxemburg	1,842,800	1,955,229	2,472,814
Netherlands	249,610	270,542	306,849
Norway	128,686	164,714	178,375
Poland	387,873	575,152	712,857
Roumania	80,694	95,562	125,226
Spain	349,172	276,500	190,000
Sweden	602,001	621,231	680,721
U.S.S.R.	12,291,700	(e)14,316,300	(e)14,291,000
Yugoslavia	21,215	43,751	39,291
Belgian Congo	—	—	556
Mexico	63,126	86,642	88,300
United States.. .. .	21,372,699	31,029,187	37,127,277
Brazil	63,070	77,179	96,552
Japan	1,933,579	2,039,708	} 2,758,858
Korea	241,323	213,328	
“Manchoukuo”	598,346	623,428	(a)
Philippine Islands (estimated)	200	200	200
Total (d) ..	63,900,000	79,300,000	90,200,000
WORLD'S TOTAL ..	73,300,000	90,300,000	101,600,000

* For details see page 182.

(a) Information not available.

(b) Years ended June 30.

(c) January-February 17 only, after which date production is included with that of Germany.

(d) Including an allowance for China. (e) Excluding ferro-alloys.

(f) Including production of the Saar from February 18, 1935.

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

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Hematite	1,465,900	1,727,800	1,865,900
Basic	3,382,500	4,342,900	4,689,000
Foundry	1,327,900	1,309,700	1,567,300
Forge	115,600	147,000	176,400
Other kinds of pig-iron ..	21,100	45,300	47,200
Spiegeleisen	20,300	17,600	18,400
Ferro-manganese	90,400	120,000	122,100
Ferro-silicon	400	11,100	6,800
Canada—			
Basic	468,244	530,929	721,711
Foundry	62,294	85,043	105,409
Malleable	69,337	62,259	71,735
Ferro-alloys	56,616	76,284	82,072
India—			
Basic	994,853	998,356	1,072,857
Foundry and forge	457,009	541,700	542,580
Ferro-manganese	14,182	3,263	13,864
FOREIGN COUNTRIES			
Austria—			
Basic	190,119	243,985	376,171
Foundry	—	207	6,801
Belgium—			
Basic	2,871,737	2,937,502	} 3,782,115
Forge	—	42,045	
Foundry, hematite	30,500	34,191	
do. phosphoric	67,576	82,910	
Ferro-alloys	11,939	14,763	
Czechoslovakia—			
Open hearth	527,468	726,521	(a)
Bessemer	191,846	267,124	(a)
Foundry	66,359	108,062	(a)
Spiegeleisen	2,818	4,659	(a)
Ferro-manganese	9,639	15,517	(a)

(a) Information not available.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Finland—			
Pig-iron	5,517	4,030	(a)
Ferro-alloys	5,344	8,870	(a)
France—			
Phosphoric (over 1% P)—			
Basic	4,663,736	5,102,703	6,218,391
Foundry	500,046	489,861	679,054
Other kinds	143	439	741
Semi-phosphoric (over 0.12% to 1% P)—			
Foundry	25,686	27,429	64,810
Open hearth, basic ..	32,943	31,991	28,307
Hematite (0.12% or less P)—			
Foundry	151,548	132,426	284,367
Open hearth	137,572	} 189,865	302,783
Bessemer	11,781		
Spiegeleisen	80,670	66,636	100,226
Ferro-manganese ..	55,303	45,631	63,687
Ferro-silicon	22,789	20,436	26,537
Other ferro-alloys ..	16,121	23,955	20,308
Germany (c) —			
Hematite	653,010	732,219	730,899
Basic	8,676,755	10,179,000	10,494,834
Foundry	799,464	988,667	957,113
Forge, etc.	182,943	227,853	272,508
Special pig-irons and ferro-alloys	2,331,144	2,933,057	3,249,986
Italy—			
Coke pig-iron	551,731	663,145	672,927
Charcoal pig-iron	295	1,402	—
Electric	71,353	97,788	115,600
Spiegeleisen	23,391	16,572	19,463
Ferro-manganese	22,508	14,737	19,442
Ferro-silicon	14,261	3,352	16,905

(a) Information not available.

(c) Including production of the Saar from February 18, 1935.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—(cont.)			
Ferro-silico-manganese ..	3,400	3,683	2,858
Ferro-chrome	2,922	2,216	4,301
Ferro-titanium	61	38	260
Ferro-tungsten	142	126	266
Ferro-vanadium	24	22	45
Other ferro-alloys	2,630	12,317	8,430
Luxemburg—			
Basic	1,821,333	1,951,367	2,458,548
Foundry	21,467	3,862	14,266
Norway—			
Pig-iron	31,907	32,193	35,514
Ferro-silicon	26,815	40,858	32,767
Other ferro-alloys	69,964	91,663	110,094
Poland—			
Open hearth	24,118	35,860	49,791
Foundry	40,661	80,175	86,690
Acid	297,382	430,791	527,603
Castings	56	337	393
Ferro-alloys	25,656	27,989	48,380
Roumania—			
Basic	59,176	65,131	(a)
Foundry	21,250	29,847	(a)
Spiegeleisen	268	584	(a)
Spain—			
Pig-iron	341,492	(a)	(a)
Ferro-manganese	5,071	(a)	(a)
Ferro-silicon	2,609	(a)	(a)
Sweden (b)—			
Open hearth, acid	158,658	164,229	211,333
do. basic	87,510	92,595	110,297
Bessemer, acid	33,883	31,935	24,754
do. basic	149,027	169,749	160,877
Foundry	92,903	83,337	91,005
Forge	29,997	27,248	28,286
Castings	8,803	9,384	10,813
Spiegeleisen	235	—	608
Ferro-manganese	2,829	1,072	1,478
Ferro-silicon	14,694	13,567	13,844

(a) Information not available.

(b) In addition the following amounts of metallic silicon were produced :—

1935	920 long tons.
1936	528 " "

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Sweden—(cont.)			
Ferro-silico-manganese ..	6,013	6,921	7,124
Ferro-chrome	15,751	18,693	17,750
Ferro-tungsten	1,116	1,764	2,037
Ferro-molybdenum	408	202	439
Ferro-vanadium	24	22	76
Other ferro-alloys	150	513	—
U.S.S.R.—			
Hematite	109,900	} 14,316,300	14,291,000
Foundry	2,768,600		
Forge	50,300		
Other pig irons	8,900,600		
Spiegeleisen	251,500	(a)	(a)
Ferro-silicon	54,100	(a)	(a)
Ferro-manganese	115,000	(a)	(a)
Other ferro-alloys	41,700	(a)	(a)
United States—			
Basic	13,618,453	20,476,921	24,780,789
Bessemer and low phosphorus	4,238,692	5,876,762	6,315,382
Foundry	1,645,252	2,030,991	2,826,238
Forge	5,325	33,671	22,399
Malleable	1,205,744	1,717,057	2,115,106
Other pig-iron	67,294	81,145	69,682
Ferro-manganese and spiegeleisen	289,279	395,119	515,781
Ferro-silicon	262,862	360,490	412,432
Other ferro-alloys	39,798	57,031	69,468
Japan—			
Coke pig-iron	1,835,124	1,940,936	(a)
Charcoal pig-iron	5,759	5,944	(a)
Refined pig-iron	34,815	} 28,985	(a)
Other pig-iron	974		(a)
Ferro-manganese	34,162	38,084	(a)
Spiegeleisen	547	225	(a)
Ferro-silicon	16,100	15,071	(a)
Ferro-chrome	4,013	6,322	(a)
Ferro-tungsten	268	440	(a)
Ferro-molybdenum	185	196	(a)
Other ferro-alloys	1,632	3,505	(a)

(a) Information not available.

PRODUCTION OF STEEL INGOTS AND CASTINGS*
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	9,858,700	11,784,600	12,984,000
Union of South Africa ..	185,100	244,200	279,700
Canada	941,527	1,115,779	1,402,882
India	862,344	865,770	895,229
Australia (c)	696,861	(a)	(a)
Total ..	12,500,000	14,700,000	16,300,000
FOREIGN COUNTRIES			
Austria	358,246	411,790	639,457
Belgium	2,974,803	3,118,340	3,808,078
Czechoslovakia	1,159,872	1,514,014	2,278,000
France—			
Saar	(e)318,438	...	...
Other districts	6,177,643	6,602,150	7,794,997
Germany (f)	15,889,216	18,459,495	19,535,339
Hungary	443,000	544,000	655,000
Italy	2,177,163	1,993,521	2,065,582
Latvia	2,111	2,554	2,855
Luxemburg	1,807,821	1,949,766	2,470,588
Poland	929,670	1,122,512	1,428,023
Roumania	209,721	216,606	235,495
Spain	576,923	463,583	165,354
Sweden	882,237	961,922	1,088,141
U.S.S.R.	12,209,000	16,338,200	17,149,000
Mexico	(a)	133,418	(a)
United States (d)	34,092,594	47,767,856	50,568,701
Brazil	63,217	72,504	75,223
Japan	4,628,315	5,140,527	} 5,719,488
Korea	95,885	85,640	
“ Manchoukuo ”	134,656	338,617	
Total ..	85,200,000	107,200,000	116,200,000
WORLD'S TOTAL ..	97,700,000	121,900,000	132,500,000

* For details see page 187.

(a) Information not available.

(c) Years ended June 30.

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

(e) January-February 17 only, after which date production is included with that of Germany.

(f) Including production of the Saar from February 18, 1935.

DETAILS OF PRODUCTION OF STEEL INGOTS AND CASTINGS IN
CERTAIN COUNTRIES
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ingots—			
Open hearth, acid ..	1,812,000	2,111,800	2,215,000
basic ..	7,346,500	8,760,600	9,660,000
Converter, acid ..	199,200	238,600	254,600
basic ..	223,800	323,600	417,600
Electric	77,400	108,100	154,600
Castings, electric ..	29,400	44,500	60,800
other	170,400	197,400	221,400
Canada—			
Ingots, open hearth ..	872,444	1,037,713	1,274,992
electric	36,742	43,836	61,236
Castings—			
Open hearth, basic ..	9,119	10,208	23,827
Bessemer	645	575	1,016
Electric	22,577	23,447	41,811
India—			
Ingots—			
Open hearth, basic ..	283,422	314,668	324,442
Duplex steel (b) ..	576,019	548,012	566,483
Electric	—	38	1,128
Castings	2,903	3,052	3,176
FOREIGN COUNTRIES			
Austria—			
Open hearth	295,563	334,040	531,571
Electric	62,683	77,750	107,886
Belgium—			
Ingots, open hearth ..	276,552	327,298	} 3,717,421
Bessemer, basic ..	2,635,439	2,688,468	
electric	6,565	39,329	} 90,657
Castings, open hearth ..	18,454	15,924	
converter	34,309	44,654	
electric	3,484	2,667	
Czechoslovakia—			
Ingots—			
Open hearth, acid ..	14,650	33,350	(a)
basic	963,958	1,217,593	(a)
Bessemer, acid	64	—	(a)
basic	113,943	159,633	(a)
Electric	49,852	75,859	(a)
Crucible	40	44	(a)

(a) Information not available.

(b) Produced by preliminary refining in the Bessemer acid converter and completed in the basic open-hearth furnace.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—(cont.)			
Castings—			
Open hearth, acid ..	2,560	3,967	(a)
basic ..	7,778	12,567	(a)
Bessemer, acid ..	104	—	(a)
Electric	6,905	10,980	(a)
Crucible	18	21	(a)
France—			
Ingots—			
Open hearth, acid ..	23,359	29,709	20,306
basic ..	1,838,973	1,874,964	2,170,729
Bessemer, acid ..	117	—	—
basic ..	3,940,563	4,316,704	5,166,638
Crucible	12,848	10,301	14,200
Electric	211,869	233,028	272,031
Castings—			
Open hearth, acid ..	907	782	346
basic ..	71,898	59,970	63,012
Bessemer, acid ..	45,371	39,832	47,044
basic ..	444	795	834
Crucible	644	1,013	888
Electric	30,650	35,052	38,969
Germany (b)—			
Ingots—			
Open hearth, acid ..	173,256	186,751	161,676
basic ..	8,549,248	9,985,030	7,832,765
Bessemer, basic ..	6,776,355	7,746,153	10,328,034
Crucible	6,235	5,783	557,959
Electric	255,488	373,598	
Castings	128,634	162,180	654,905
Italy—			
Ingots	2,116,140	1,923,935	1,994,298
Castings	61,023	69,586	71,284
Luxemburg—			
Ingots, open hearth ..	6,899	6,722	8,962
Bessemer, basic ..	1,793,404	1,934,117	2,452,624
electric	7,518	8,927	9,002
Poland—			
Open hearth	901,323	1,087,799	1,376,463
Electric	19,192	24,829	36,335
Castings	9,155	9,884	15,225

(a) Information not available.

(b) Including production of the Saar from February 18, 1935.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Roumania—			
Open hearth	178,421	168,281	} 235,495
Electric	31,300	48,325	
Sweden—			
Open hearth, acid ..	199,036	225,990	267,882
basic	392,239	423,997	462,416
Bessemer, acid	20,556	15,690	16,126
basic	86,689	92,806	91,428
Crucible	391	475	487
Electric	183,326	202,964	249,802
United States—			
Ingots—			
Open hearth, acid ..	248,512	278,406	333,473
basic (c) ..	30,334,442	43,070,917	45,719,507
Bessemer	2,835,031	3,458,457	3,449,927
Crucible	642	816	934
Electric	521,818	704,213	814,310
Castings (b)—			
Open hearth, acid ..	105,680	142,896	166,320
basic (c) ..	26,795	43,909	53,003
Electric	19,674	68,242	31,227
Japan—			
Ingots—			
Open hearth	4,352,405	4,787,248	(a)
Bessemer	—	1,472	(a)
Crucible	1,181	1,218	(a)
Electric	170,309	226,804	(a)
Castings—			
Open hearth	36,897	35,910	(a)
Bessemer	—	2,961	(a)
Electric	67,523	84,673	(a)
Crucible	—	241	(a)

(a) Information not available.

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

(c) Included in above (ingots and castings) is duplex steel, as follows—

1935	960,020	long tons
1936	2,099,102	" "
1937	2,907,890	" "

EXPORTS OF PIG-IRON, FERRO-ALLOYS, STEEL INGOTS AND CASTINGS,
ETC.
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Pig-iron—			
Forge	2,228	57,484	87,025
Foundry	90,500		
Acid	48,752	41,927	65,751
Basic	829	207	573
Spiegeleisen and ferro-manganese	11,656	9,424	11,041
Ferro-tungsten	1,287	960	1,060
Ferro-silicon	265	1,569	1,491
Other ferro-alloys	1,330		
Iron and steel ingots	1,338	2,551	952
Blooms, billets and slabs—			
Iron	144	68	203
Steel	5,676	7,633	10,414
Special steel	136	106	104
Old and scrap	168,204	139,280	230,827
Eire—			
Old and scrap	30,093	33,145	43,722
Mauritius—			
Old and scrap	(£799)	—	3,872
Union of South Africa—			
Pig iron, etc.	114	86	74
British West Indies—			
Trinidad and Tobago—			
Old and scrap	3,487	157	679
Canada—			
Pig-iron	13,759	13,904	38,516
Ferro-silicon	7,101	7,301	22,321
Other ferro-alloys	31,712	44,273	21,074
Billets, ingots and blooms	45,200	79,505	75,720
Old and scrap	102,712	200,143	128,551
British India(b)—			
Pig-iron	473,145	606,566	598,206
Old and scrap (including re-exports)	95,118	149,594	161,446
British Malaya (including re-exports)—			
Pig-iron	56	132	169
Scrap	9,973	13,310	26,594

(b) Includes trade by land as recorded.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Burma—			
Old and scrap	(c)	(c)	(c) 5,563
Hong-Kong (including re-exports)—			
Pig-iron	1,081	922	1,493
Tool steel	28	7	137
Old and scrap	20,001	29,590	25,340
Palestine—			
Old and scrap	1,372	991	(a)
Australia—			
Pig-iron	23,555	4,614	5,924
Ingots, blooms, billets, etc.	12,767	1,317	1,746
Old and scrap	43,076	56,031	47,317
FOREIGN COUNTRIES.			
Austria—			
Pig-iron	10,430	20,254	53,058
Ferro-silicon	1,055	2,206	2,459
Other ferro-alloys	95	108	99
Iron ingots, blooms and bars	11,868	29,337	57,221
Steel ingots, blooms and bars	4,001	3,716	6,173
Old and scrap	6,219	18,591	11,815
Belgium-Luxemburg E.U.—			
Pig-iron and ferro-alloys	41,106	61,714	48,219
Crude iron ingots	20,403	1,477	3,728
Steel ingots	5,660	504	16,092
Steel blooms and billets	324,053	355,404	420,390
Special steel	449	566	2,405
Old and scrap	417,651	537,000	337,464
Bulgaria—			
Old and scrap	1,939	1,008	5,098
Czechoslovakia—			
Pig-iron—			
Foundry	5,364	6,599	8,031
Other	30	369	212
Spiegeleisen	881	827	765
Other ferro-alloys	3,487	4,654	4,042
Billets of cast iron	2,419	4,088	8,755
Billets, blooms and bars of puddled iron	775	3,227	4,946
Old and scrap	192	32	15

(a) Information not available.

(c) Included with India prior to April 1, 1937.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Denmark—			
Old and scrap	83,957	86,565	120,605
Estonia—			
Old and scrap	8,195	9,740	13,450
Finland—			
Pig-iron and ferro-alloys	3,512	6,095	10,225
Old and scrap	390	84	232
France—			
Pig-iron—			
Forged or refined	134,773	146,565	414,258
Spiegeleisen	4,151	592	4,043
Ferro-manganese	9,423	7,240	8,875
Ferro-silicon	3,553	3,715	7,885
Ferro-chrome	1,037	1,005	1,063
Other ferro-alloys	1,360	2,030	1,726
Ingots	1,141	580	18,791
Blooms and billets, forged or rolled	235,868	284,209	255,363
Tool steel	848	942	1,856
Machine iron or steel	126,772	108,299	129,961
Other special steel	1,690	1,022	3,956
Old, filings and scrap	610,993	554,119	129,821
Germany—			
Pig-iron	221,025	237,341	97,373
Ferro-manganese	11,891	14,528	12,638
Ferro-silicon, etc.	38	33	49
Other ferro-alloys	7,039	9,232	3,505
Rough blooms, bars, ingots, etc,	153,497	187,981	109,254
Old and scrap	73,228	56,848	2,612
Greece—			
Old and scrap	5,669	11,592	20,082
Hungary—			
Pig-iron and ferro-alloys	39	—	—
Ingots and blooms	62,013	42,649	27,343
Old and scrap	—	—	32
Italy—			
Pig-iron	11,847	11,034	3,945
Ferro-manganese	736	198	99
Ferro-silicon	2,055	807	33
Other ferro-alloys	—	10	14
Steel ingots, blooms and loops ..	11	1	1
Old and scrap	2,225	44	5
Latvia—			
Old and scrap	206	286	231

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Lithuania—			
Iron and steel ingots, etc. ..	—	2	—
Old and scrap	3,240	3,463	5,936
Netherlands—			
Pig-iron and ferro-alloys ..	193,325	234,817	236,042
Ingots, blooms and billets ..	13,464	13,594	937
Old and scrap	210,943	295,208	482,083
Norway—			
Pig-iron—electric	26,513	23,950	26,133
Ferro-chrome	11,672	10,862	14,647
Ferro-manganese	47,653	58,400	65,996
Ferro-silicon	25,624	29,587	32,921
Steel	2,805	2,721	4,276
Old and scrap	30,585	29,618	15,721
Poland—			
Pig-iron	—	—	1,400
Ferro-manganese	8,159	8,194	11,132
Ferro-chrome	799	412	863
Ferro-silicon	326	428	793
Other ferro-alloys	11	—	—
Blooms and billets	11	7	878
Old and scrap	358	811	1,016
Portugal—			
Old and scrap	15,311	14,865	(a)
Roumania—			
Pig-iron	635	901	507
Tool steel	1	—	—
Old and scrap	880	39	3,051
Spain—			
Iron and steel scrap	31	(a)	(a)
Sweden—			
Pig-iron	63,745	76,911	88,445
Sponge iron	3,481	4,359	5,113
Ferro-manganese and spiegeleisen	898	781	1,118
Ferro-silicon	12,131	10,055	12,609
Ferro-silico-manganese	4,436	5,230	5,778
Ferro-chrome	11,163	12,439	12,916
Ferro-tungsten	797	1,320	1,762
Other ferro-alloys	323	138	354
Steel ingots	5,871	6,178	6,432
Steel blooms	621	855	557

(a) Information not available.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Sweden—(cont.)			
Tool steel	672	669	1,005
Other special steel.. .. .	3,361	4,291	5,849
Old, filings and scrap	6,171	13,121	9,466
Switzerland—			
Ferro-chrome and ferro-silicon	648	717	738
Old, filings and scrap	66,076	51,276	96,026
U.S.S.R.—			
Pig-iron	325,958	699,437	135,104
Ferro-manganese	—	294	} 208
Ferro-silicon	96	651	
Ingots	952	4	—
Old and scrap	12,049	11,998	18
Yugoslavia—			
Ferro-chrome	144	338	1,046
Ferro-silicon	5,103	1,145	3,145
Iron ingots	8	—	620
Special steel	221	113	120
Scrap and filings	119	349	263
Algeria—			
Old, filings and scrap	22,475	18,676	9,106
Egypt (including re-exports)—			
Scrap	31,552	25,189	38,035
Morocco (French)—			
Old and scrap	10,982	9,527	42,886
Cuba—			
Old and scrap	1,531	38,220	(a)
Mexico—			
Pig-iron	(a)	(a)	2,006
United States—			
Pig-iron	4,107	5,316	782,436
Ferro-manganese and spiegeleisen	131	466	1,725
Ferro-tungsten, tungsten metal and wire	445	46	201
Other ferro-alloys	(a)	2,482	2,780
Steel ingots, slabs, blooms, billets and sheet bars	39,782	21,400	335,978
Old and scrap	2,044,506	1,877,136	4,039,143
Argentina—			
Ingots	41	12	10

(a) Information not available.

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

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Chile—			
Ingots	226	5	—
China—			
Pig-iron	4	65	—
Old and scrap	—	5	—
French Indo-China—			
Pig-iron and spiegeleisen	11	—	—
Old and scrap	1,188	4,419	12,834
Iran (b)—			
Ingots, old and scrap	767	265	(a)
Japan—			
Ingots	13,844	11,857	(a)
Old and scrap	15,734	11,873	(a)
Korea—			
Pig-iron	128,565	120,978	(a)
“Manchoukuo”—			
Pig-iron	425,763	303,827	248,127
Ingots, billets and blooms	(a)	50,023	54,046
Sheet bar	(a)	85,647	75,960
Old and scrap	18,924	34,600	75,145
Netherlands East Indies—			
Old and scrap	50,675	64,823	102,094
Philippine Islands—			
Old and scrap	2,476	2,424	6,707
Syria and Lebanon—			
Old and scrap	2,084	1,686	7,669
Turkey—			
Old and scrap	5,815	6,336	1,573

(a) Information not available.

(b) Years ended June 21; includes re-exports.

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

(Less Re-exports)
(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Pig-iron—			
Charcoal	11,879	36,501	30,203
Foundry	29,608	40,066	122,907
Basic	37,462	165,760	424,992
Other pig-iron	4,846	4,936	5,191
Spiegeleisen and ferro-manganese	2,772	3,737	4,473
Ferro-silicon	19,725	26,607	37,006
Ferro-chrome	10,077	14,343	18,072
Other ferro-alloys	2,107	1,011	881
Iron and steel ingots	5,990	6,034	32,285
Blooms, billets, slabs—			
Iron	663	490	1,157
Steel	260,920	451,643	434,289
Special steel	918	1,649	2,684
Old and scrap	437,549	1,087,576	954,661
Eire—			
Pig-iron	5,208	8,662	8,872
Crude iron and steel	138	192	108
Old and scrap	547	155	90
Anglo-Egyptian Sudan—			
Pig-iron	(£230)	(£393)	(£1,280)
Bars and billets	969	1,665	2,281
Mauritius—			
Pig-iron	47	57	72
Crude steel	—	5	1
Northern Rhodesia—			
Pig, ingots, etc.	42	70	18
Southern Rhodesia—			
Pig, ingots, etc.	438	426	373
South West Africa—			
Pig-iron	10	18	10
Union of South Africa—			
Pig-iron and steel ingots	9,516	9,670	8,131
Ferro-silicon	265	1,152	841
Ferro-manganese	1,907	2,510	4,111
Other ferro-alloys	372	415	631
Tool steel	434	542	711

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—			
Jamaica—			
Pig-iron	(£188)	(£296)	(£579)
Trinidad and Tobago—			
Pig-iron	70	4	22
Ingots, etc.	6	4	8
Canada—			
Pig-iron	8,921	3,960	6,371
Sponge iron	50	82	157
Ferro-alloys	2,155	996	1,032
Ingots, blooms and billets	8,055	6,738	10,453
Scrap	93,589	58,604	156,167
Newfoundland (years ended June 30)—			
Pig-iron and ferro-alloys	298	275	197
British India —			
Pig-iron	1,619	1,590	1,566
Ingots, blooms and billets	21,069	24,064	25,715
Tool steel	322	806	717
Ferro-alloys	3,067	1,528	2,437
Old and scrap (total imports)	1,584	1,216	1,611
British Malaya (total imports)—			
Pig-iron	3,689	5,470	11,908
Scrap	1,357	2,878	8,123
Burma—			
Pig-iron	(b)	(b)	(b)849
Scrap	(b)	(b)	(b) 18
Ceylon—			
Pig-iron	435	615	819
Cyprus—			
Pig-iron	145	118	134
Old and scrap	—	80	203
Hong Kong (total imports)—			
Pig-iron	3,356	1,924	3,394
Tool steel	314	125	83
Old and scrap	12,316	8,846	8,081
Palestine—			
Pig-iron	2,998	1,080	176
Old and scrap	58	—	(a)
Australia—			
Pig-iron	567	564	294
Ferro-alloys	14,736	11,493	5,531

(a) Information not available.

(b) Included with India prior to April 1, 1937.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Australia—(cont.)			
Ingots and billets of high grade carbon alloy steels	185	246	420
Ingots, blooms, billets, etc. ..	1,799	2,312	1,441
Scrap	64	1,892	40
Fiji—			
Pig-iron and scrap	100	—	—
New Zealand—			
Pig-iron	4,126	5,669	} 10,726
Billets and blooms	2,611	3,043	
FOREIGN COUNTRIES			
Austria—			
Pig-iron	21,729	23,547	24,956
Ferro-chrome	1,531	1,609	2,503
Ferro-manganese	3,099	2,129	4,010
Ferro-molybdenum	36	57	118
Ferro-silicon	334	593	601
Ferro-tungsten	228	418	959
Other ferro-alloys	459	531	1,047
Iron ingots, blooms and bars ..	138	555	105
Steel ingots, blooms and bars ..	306	35	185
Old and scrap	31,925	21,799	66,439
Belgium-Luxemburg E.U.—			
Pig-iron and ferro-alloys	201,228	275,587	303,069
Crude iron ingots	89	176	266
Steel ingots	458	54	84
Steel blooms and billets	27,152	41,317	20,319
Special steel	1,555	2,186	4,621
Old and scrap	64,169	104,910	121,829
Bulgaria—			
Pig-iron	5,617	7,077	4,869
Old and scrap	10	—	—
Czechoslovakia—			
Pig-iron—			
Foundry	9,532	22,928	15,418
For refining or puddling	1,509	1,373	6,485
Spiegeleisen	150	449	13,520
Other ferro-alloys	3,256	3,426	7,367
Steel ingots	15	15	10
Billets of cast iron	142	200	815
Billets, blooms, bars of puddled iron	64	48	94
Old and scrap	49,936	77,769	246,148

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Denmark—			
Pig-iron	52,124	56,285	60,062
Ferro-alloys	529	549	917
Old and scrap	198	413	583
Estonia—			
Pig-iron	3,494	5,716	3,708
Ferro-alloys	—	10	12
Old and scrap	81	294	62
Finland (total imports)—			
Pig-iron	40,740	38,151	39,432
Ferro-manganese and spiegeleisen	546	252	878
Other ferro-alloys	210	43	581
Old, filings and scrap	18,690	2,924	11,188
France—			
Pig-iron—hematite	49,595	50,132	35,239
other	5,877	15,232	4,971
Spiegelcisen	2,981	1,932	1,021
Ferro-manganese	81	395	174
Ferro-silicon	451	523	477
Ferro-chrome	122	19	267
Other ferro-alloys	383	373	475
Ingots	474	1	1,607
Blooms and billets, rolled or forged	3,061	3,098	13,895
Tool steel	337	448	524
Machine iron or steel	11,921	7,496	3,564
Other special steel	2,407	2,339	6,965
Old, filings and scrap	59,655	32,116	12,060
Germany—			
Pig-iron	95,062	110,105	152,060
Ferro-manganese	1,793	946	319
Ferro-silicon, etc.	22,723	19,795	15,071
Other ferro-alloys	9,107	5,468	9,954
Rough blooms, ingots, bars, etc. ..	56,776	47,440	65,695
Old and scrap	272,489	326,627	548,824
Greece—			
Pig-iron	7,744	6,225	7,607
Hungary—			
Pig-iron	61,004	84,950	} 14,763
Ferro-alloys	3,776	5,380	
Ingots and blooms	118	188	390
Tool and special steel	1,251	1,447	1,497
Old and scrap	53,222	48,891	73,686

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Iceland—			
Pig-iron	34	(a)	(a)
Italy—			
Pig-iron	76,965	26,667	21,834
Spiegeleisen	1	—	—
Ferro-chrome	315	645	1,132
Ferro-manganese	42	123	12
Other ferro-alloys	341	632	411
Iron ingots	—	63	—
Steel ingots	7,749	1,504	2,745
Steel blooms and loops	58,862	23,930	36,626
Old and scrap	974,360	394,102	536,642
Latvia—			
Pig-iron	9,884	13,964	10,189
Ingots	1,558	2,123	10,949
Iron blooms and loops	5,033	4,983	—
Steel ingots	1,355	1,120	1,562
Steel blooms and loops	8	14	1
Old, filings and scrap	7,709	2,957	5,318
Lithuania—			
Pig-iron	2,699	2,117	5,509
Netherlands—			
Pig-iron and ferro-alloys	11,387	13,337	16,258
Ingots, blooms, billets, etc.	643	2,756	790
Old and scrap	12,923	7,895	16,826
Norway—			
Pig-iron	14,670	24,557	24,184
Ferro-tungsten and ferro-vanadium	19	29	34
Other ferro-alloys	17	(b) 18	69
Steel ingots	1,375	508	109
Alloyed steel	558	605	711
Old and scrap	11,567	8,198	3,283
Poland—			
Pig-iron	1,955	2,375	9,086
Ferro-manganese	73	903	106
Ferro-silicon	128	41	213
Ferro-chrome	125	150	84
Other ferro-alloys	1,025	1,014	1,251
Blooms and billets	29,426	36,350	26,446
Old and scrap	354,598	444,288	633,213

(a) Information not available.

(b) Excess of re-exports.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Portugal—			
Iron and steel ingots	12,566	11,624	(a)
Old and scrap	1,751	294	(a)
Roumania—			
Pig-iron	4,411	4,883	5,646
Ferro-alloys	2,423	1,657	2,803
Ingots, blooms and billets ..	92,099	98,532	73,331
Tool steel	487	811	1,728
Old and scrap	26,687	36,254	23,702
Spain—			
Pig-iron	748	(a)	(a)
Ferro-manganese	30	(a)	(a)
Ferro-silicon	16	(a)	(a)
Other ferro-alloys	221	(a)	(a)
Ingots and blooms	21	(a)	(a)
Tool steel	962	(a)	(a)
Special alloy-steel	505	(a)	(a)
Old and scrap	141,549	(a)	(a)
Sweden—			
Pig-iron	98,058	164,494	187,112
Spiegeleisen and ferro-manganese	6,272	4,442	6,654
Ferro-chrome	1,481	1,446	1,485
Ferro-silicon and ferro-silico- manganese	315	183	69
Ferro-tungsten	65	37	92
Other ferro-alloys	138	131	245
Steel ingots	2	2	—
Tool steel	101	109	267
Old, filings and scrap	70,421	105,186	95,920
Switzerland—			
Pig-iron, steel billets, blooms, etc.	96,196	110,240	149,782
Ferro-chrome and ferro-silicon ..	1,645	1,889	2,522
Old, filings and scrap	10,122	9,039	3,045
U.S.S.R.—			
Ingots	454	—	—
Ferro-chrome	2,898	—	—
Ferro-molybdenum	1,030	1,387	} 216
Ferro-titanium	158	214	
Ferro-tungsten	1,878	848	
Ferro-vanadium	290	128	
Other ferro-alloys	5	—	

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Ferro-manganese	544	807	1,140
Ferro-silicon	164	99	238
Pig-iron and other ferro-alloys ..	4,408	5,733	10,978
Iron ingots, blooms and billets ..	9,054	12,101	9,846
Crude steel	32	1,367	51
Special steel	390	604	1,003
Old, filings and scrap	32,015	42,419	25,871
Algeria—			
Pig-iron	692	1,041	1,112
Spiegeleisen and ferro-alloys ..	33	31	(a)
Ingots, blooms and billets ..	49	55	139
Tool and special steel	85	124	166
Old, filings and scrap	181	193	148
Egypt—			
Pig-iron and spiegeleisen	2,761	5,473	3,084
Ferro-alloys	12	23	31
Ingots, billets, etc.	93	92	15
Special steel	325	265	607
Scrap (total imports)	1,458	1,523	1,236
French Equatorial Africa—			
Steel ingots and billets	262	264	(a)
Tool steel	30	—	(a)
French West Africa—			
Steel ingots and billets	299	—	109
Tool steel	10	37	60
Madagascar—			
Pig-iron	3	67	26
Blooms, billets, etc.	3,260	3,912	3,710
Tool steel	30	5	10
Morocco (French)—			
Pig-iron	208	172	69
Ferro-alloys	1	—	1
Ingots	—	—	17
Blooms and billets	756	217	731
Tool steel	136	123	229
Scrap	54	167	346
Morocco (Spanish)—			
Ingots	(a)	105	(a)
Tunis—			
Pig-iron	75	71	80
Steel ingots and billets	1,554	17	1,709
Tool steel	8	16	37
Old and scrap	159	13,706	1,684

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Cuba (total imports)—			
Iron ingots	110	101	(a)
Mexico—			
Pig-iron	510	201	744
Ingots	239	100	2
Ferro-manganese	689	59	870
Other ferro-alloys	483	344	490
Steel ingots, blooms and billets ..	239	2,653	20,629
Scrap	(a)	31,960	55,664
United States—			
Pig-iron	130,940	165,814	111,691
Spiegeleisen	32,384	52,011	16,842
Ferro-chrome	61	112	412
Ferro-manganese	27,240	37,953	29,559
Ferro-silicon	5,274	3,840	12,930
Ferro-phosphorus	—	525	50
Granular iron	1,460	1,950	1,872
Bar-iron, slabs, blooms, etc. ..	1,855	1,423	1,959
Steel ingots, blooms, etc. ..	2,092	1,036	2,207
Scrap	64,768	143,251	81,640
Argentina—			
Ingots	25,073	26,700	51,585
Old and scrap	34	49	232
Brazil (total imports)—			
Pig-iron	492	1,232	1,193
Special steel	381	608	983
Filings	44	30	59
Chile—			
Ingots	2,327	2,989	3,814
Ferro-alloys	277	462	658
Old and scrap	1,445	884	1,010
Colombia—			
Ingots and scrap	459	539	805
Peru—			
Pig-iron	665	269	386
Uruguay—			
Pig-iron and scrap	1,298	1,787	(a)
Ferro-manganese and ferro-silicon	10	36	(a)
China—			
Pig-iron	50,814	33,903	33,911
Ferro-manganese	138	121	483
Ingots, blooms, billets, etc. ..	3,055	15,953	8,699
Special steel	8,990	13,180	10,996
Old and scrap	17,203	15,110	16,868

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Formosa—			
Ingots, blooms and billets ..	6,451	5,396	(a)
Old and scrap	899	1,465	(a)
French Indo-China—			
Pig-iron and ferro-alloys	1,140	1,436	1,640
Machine iron or steel	2,427	3,485	6,221
Tool steel	139	60	77
Old, filings and scrap	97	28	1
Iran (b)—			
Ingots, old and scrap	1,312	101	(a)
Japan (total imports)—			
Pig-iron	946,722	956,617	(a)
Ferro-manganese	5	6	(a)
Other ferro-alloys	234	41	(a)
Ingots, blooms, and billets	62,715	71,714	(a)
Special steel	9,920	9,542	(a)
Sheet bars	160,521	132,386	(a)
Other iron in ingots, etc.	770	332	(a)
Old and scrap	1,665,423	1,473,400	(a)
Korea (total imports)—			
Pig-iron	9,826	12,621	(a)
Old and scrap	41,799	12,738	(a)
"Manchoukuo"—			
Pig-iron	4,004	3,788	3,678
Ferro-manganese	2,035	295	578
Tool steel	3,401	3,100	4,158
Old and scrap	688	2,713	887
Netherlands East Indies—			
Iron ingots	2,003	3,163	5,908
Old and scrap	41	108	629
Philippine Islands—			
Pig-iron	803	1,060	511
Siam—			
Pig-iron	1,983	2,025	2,071
Syria and Lebanon—			
Pig-iron	104	178	113
Steel ingots, blooms and bars	447	149	121
Old and scrap	16	91	438
Turkey—			
Iron ingots and blocks	5,087	5,206	16,355
Steel ingots and blocks	35	10	6
Old and scrap	201	125	131

(a) Information not available.

(b) Years ended June 21; total imports.

LEAD

PRODUCTION OF LEAD ORE

(In terms of metal)

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	41,230	30,493	26,395
Nigeria	690	830	554
Northern Rhodesia	5,867	7,080	3,890
Southern Rhodesia	—	—	24
South West Africa (d)	—	—	10,100
Tanganyika	—	—	32
Union of South Africa	5	6	102
Canada (b)	151,386	171,063	183,928
Newfoundland	35,010	30,937	28,778
Burma	89,400	90,900	91,200
Federated Malay States	23	2	—
Australia	221,793	223,749	246,045
Total	545,000	555,000	591,000
FOREIGN COUNTRIES			
Austria	5,498	5,846	8,600
Bulgaria	505	60	160
Czechoslovakia	3,786	3,881	5,000
Finland	337	367	243
France.. .. .	3,287	3,120	4,567
Germany	59,701	67,524	70,000
Greece	6,200	3,465	(a)
Italy	21,600	30,000	34,800
Norway	325	435	352
Poland	6,000	7,000	10,000
Portugal	—	3	1,289
Roumania	4,890	6,089	8,305
Spain (smelter)	61,751	(c)45,000	(c)30,000
Sweden	8,727	9,518	9,124
U.S.S.R. (smelter)	36,000	50,000	(c)55,000

(a) Information not available.

(b) Amount estimated as recoverable.

(c) Estimated.

(d) Years ended March 31 following.

PRODUCTION OF LEAD ORE (*Cont.*)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Yugoslavia	64,000	65,000	70,000
Algeria	1,300	2,673	3,959
Belgian Congo	—	—	4,768
French Equatorial Africa	—	—	120
Morocco (French)	118	6,000	15,866
Tunis	5,546	9,600	12,859
Guatemala (estimated)	40	40	50
Mexico (<i>b</i>)	181,284	212,317	204,688
United States (<i>b</i>)	295,628	332,963	415,212
Argentina	2,494	6,741	15,400
Bolivia (exports)	9,588	14,288	17,914
Chile	101	187	(<i>a</i>)
Peru	28,094	29,967	38,119
China	4,000	4,000	(<i>a</i>)
French Indo-China	—	31	—
Japan (smelter)	7,325	8,094	10,000
Korea (smelter)	1,701	2,695	5,758
Turkey	2,600	5,286	7,600
Total	820,000	930,000	1,060,000
WORLD'S TOTAL	1,370,000	1,490,000	1,650,000

(*a*) Information not available.

(*b*) Amount estimated as recoverable.

METAL PRODUCTION OF LEAD

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	22,000	13,600	10,150
Northern Rhodesia	182	300	559
South-West Africa	—	—	1,355
Canada	146,212	162,254	178,301
Burma	72,060	73,155	77,650
Australia (d)	217,934	192,954	228,530
Total	458,000	442,000	497,000
FOREIGN COUNTRIES			
Austria	7,921	8,594	10,084
Belgium (b)	67,891	65,942	(e)90,000
Czechoslovakia	4,729	4,740	4,661
France	14,345	14,300	37,700
Germany (c)	126,247	150,956	170,000
Greece	6,321	4,314	5,200
Hungary	13	25	145
Italy	35,604	36,239	38,857
Norway	568	223	232
Poland	18,522	14,784	17,309
Roumania	4,485	4,707	6,619
Spain	61,751	45,000	(e)30,000

(b) Includes base bullion as follows :—

1935 1,978 long tons.

1936 1,841 " "

(c) Includes some secondary. Figures as published by *Metallgesellschaft*, which exclude secondary, are—

1935 120,400 long tons.

1936 136,800 " "

1937 159,800 " "

(d) Includes base bullion as follows :—

1935 36,723 long tons.

1936 33,450 " "

1937 41,773 " "

(e) Estimated.

METAL PRODUCTION OF LEAD (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
U.S.S.R.	36,000	50,000	(b)55,000
Yugoslavia	7,822	5,712	3,972
Tunis	24,989	20,715	24,367
Mexico	170,886	199,782	198,019
United States.. .. .	289,432	356,338	416,549
Argentina	4,038	10,500	11,200
Chile	—	—	516
Peru	7,560	9,291	(c)15,538
French Indo-China	18	12	8
Japan	7,325	8,094	10,000
Korea	1,701	2,695	5,758
Total	900,000	1,010,000	1,150,000
WORLD'S TOTAL	1,360,000	1,450,000	1,650,000

(b) Estimated.

(c) Exports.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore	17,077	26,139	13,708
Pig-lead	3,767	2,965	5,107
Sheets and pipes	5,587	5,113	5,186
White lead	5,926	5,551	4,259
Litharge, red lead, etc.	8,206	7,891	8,666
Eire—			
Ore	241	387	150
Nigeria—			
Ore	1,058	1,205	851
South West Africa—			
Copper-lead ore	4,846	—	32,448
Pig-lead	—	604	1,473
Union of South Africa—			
Ore	—	—	63
Pig, ingot and sheets	8	20	8
Pipes, etc.	(£449)	(£601)	(£937)
Canada—			
Ore (<i>Pb content</i>)	5,047	4,194	7,379
Pig-lead, etc.	126,301	143,460	157,652
White lead	97	283	97
Newfoundland—			
Concentrates	41,885	40,254	34,977
British India—			
Pig-lead	66,262	69,990	17,597
British Malaya (including re-exports)—			
Pig-lead	111	73	88
Sheets and pipes	4	2	1
Burma—			
Pig lead and refined lead	(b)	(b)	(b)66,920
Ceylon—			
Tea-lead	(a)	(a)	137
Hong Kong (including re-exports)—			
Pig-lead	127	129	443
Australia—			
Ores and concentrates (<i>Pb content</i>)	16,512	22,593	20,717
Pig-lead	191,302	174,050	199,161
Sheets and pipes	583	509	1,012
White lead	469	400	444

(a) Information not available.

(b) Included with India prior to April 1, 1937.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Pig-lead, scrap and alloys ..	4,352	4,225	5,090
Bars, sheets, rods, etc.	126	103	129
Red and white lead, etc.	824	786	712
Belgium-Luxemburg E.U.—			
Ore	243	163	933
Pig-lead and scrap	45,005	57,155	67,887
Sheets, bars, pipes and wire ..	8,737	7,809	7,375
Red and white lead, etc.	4,043	4,300	4,236
Bulgaria—			
Ore	—	43	97
Czechoslovakia—			
Pig-lead, ashes, scrap and alloys..	149	26	505
Sheets, pipes, etc.	4	8	6
Red and white lead, etc.	1	—	6
Denmark—			
Pig-lead, scrap and alloys	711	829	1,278
Sheets and pipes	418	59	26
France—			
Ore, matte and slag	7,893	9,426	10,776
Pig-lead, including argentiferous and antimonial	810	550	3,582
Scrap	—	56	16
Sheets, etc.	649	530	456
Red and white lead, etc.	910	1,170	1,109
Germany—			
Ore	8,589	—	9
Pig-lead, alloys and scrap	4,384	1,142	427
Sheets, pipes, wire, etc.	3,663	2,877	2,435
Red and white lead	9,587	10,338	8,890
Greece—			
Ore	—	—	49
Pig-lead	1,782	2,570	2,229
Hungary—			
Pig-lead and scrap	32	109	2
Bars, sheets, pipes and wire ..	4	4	1
Red and white lead, etc.	4	16	4
Italy—			
Ore	3,379	4,585	3,902
Pig-lead, scrap and alloys	44	33	19
Sheets, pipes, wire and alloys ..	195	178	212
Red and white lead	2,292	1,204	1,900
Latvia—			
Red and white lead, etc.	615	706	626

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Lithuania—			
Pig-lead and scrap	47	8	8
Netherlands—			
Pig-lead and scrap	3,251	3,178	3,394
Sheets and wire	541	1,256	1,692
Red and white lead	401	519	782
Norway—			
Ore	331	584	536
Pig-lead, ashes and scrap	1,190	607	1,240
Sheets, tubes and wire	41	51	61
Poland—			
Ore and slag	36	122	113
Pig-lead, bars and scrap	1,882	1,776	118
Red and white lead, etc.	207	133	113
Portugal—			
Ore	—	5	(a)
Roumania—			
Pig-lead	—	69	187
Spain—			
Galena (non-argentiferous)	475	(a)	(a)
Other ores	295	(a)	(a)
Pig-lead and scrap	42,574	(a)	(a)
Sheets, pipes and wire	1,068	(a)	(a)
Sweden—			
Ore	16,012	16,146	15,304
Pig-lead and scrap	2,216	1,992	1,746
Sheets and pipes	10	14	9
Red and white lead, etc.	39	34	27
Switzerland—			
Ores, etc.	1,289	909	762
Pig-lead, scrap, etc.	594	765	408
Sheets and pipes	64	111	99
U.S.S.R.—			
Pig-lead, sheets and scrap	97	18	49
Yugoslavia—			
Ore	73,721	69,648	85,529
Pig-lead	6,675	3,641	2,531
Algeria—			
Ore	1,735	5,888	7,859
Pig-lead and scrap	752	774	1,200
Red and white lead	4	8	5
Belgian Congo—			
Ore	(a)	(a)	7,333

(a) Information not available.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Morocco (French)—			
Ore, matte and slag	119	6,230	16,294
Scrap	154	276	443
Morocco (Spanish)—			
Ore	(a)	6	77
Tunis (including re-exports)—			
Ore	634	334	1,783
Pig-lead and bars	24,735	21,080	26,296
Mexico—			
Ores, etc. (<i>Pb content</i>)	4,667	13,853	12,683
Pig-lead, refined	220,906	184,462	228,448
Base bullion	1,531	—	849
Pig-lead, antimonial	(b) 562	(b) 2,251	75
United States—			
Pig-lead, bars, etc.	6,228	16,351	17,938
Sheets and pipes	337	317	686
Red and white lead, etc.	3,899	3,623	3,234
Argentina—			
Ore	—	1,042	11,525
Ingots, bars and sheets	3	1	5
Bolivia—			
Ore (<i>Pb content</i>)	9,588	14,288	17,914
Brazil—			
Ore	90	143	342
Chile—			
Ores and concentrates	160	672	1,092
Peru—			
Ore and concentrates (<i>Pb content</i>)	11,280	20,164	22,034
Pig-lead and scrap (<i>do.</i>)	6,220	8,677	16,085
China—			
Ore	76	—	9
Pig-lead	164	333	652
Red and white lead, etc.	12	19	28
Formosa—			
Tea-lead	4	5	(a)
French Indo-China—			
Ore, etc.	21	109	27
Japan—			
Sheets and plates	459	850	706
Tubes	1,395	1,446	1,007
Red lead	2,918	2,469	1,531
White lead	(a)	(a)	47

(a) Information not available.

(b) *Pb content*.

EXPORTS OF LEAD, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Korea—			
Pig-lead	1,597	2,397	5,101
“ Manchoukuo ”—			
Ore	66	1,178	3,452
Netherlands East Indies—			
Scrap	267	594	437
Turkey—			
Ore	2,067	8,515	8,260

IMPORTS OF LEAD, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore and concentrates	20	34	109
Pig-lead	293,460	331,483	335,459
Sheets and pipes	2,872	3,154	2,478
White lead	5,634	5,645	4,935
Litharge, red lead, etc.	3,120	3,558	2,830
Eire—			
Pig-lead	1,524	1,863	1,711
Sheets and pipes	825	842	831
Red and white lead, etc.	891	1,281	650
Gambia—			
Sheets, bars, etc.	3	(£12)	(£35)
Gold Coast—			
Bars, sheets, etc.	262	285	288
Kenya and Uganda—			
Bars and sheets	23	22	25
Mauritius—			
Sheets and pipes	12	19	19
Nigeria—			
Ore	14	16	(a)
Bars and sheets	104	110	143
Northern Rhodesia—			
Sheets and foil	4	28	102
Sierra Leone—			
Bars and sheets	11	14	23
Southern Rhodesia—			
Pig-lead, bars, sheets and foil	60	36	26
Red and white lead, etc.	87	59	40
South West Africa—			
Bars, sheets and pipes	15	8	7
Red and white lead, etc.	8	11	4
Tanganyika Territory—			
Bars and sheets	1	3	6
Union of South Africa—			
Pig-lead, bars, sheets and pipes	2,953	2,409	3,661
Foil	30	35	36
Red and white lead, etc.	1,982	1,962	1,903

(a) Information not available.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—			
Jamaica—			
Pig-lead, etc.	(£111)	(£453)	(£1,358)
Trinidad and Tobago—			
Pig-lead	6	20	3
White-lead	22	28	39
Canada—			
Pig-lead and scrap	49	27	35
Bars, sheets and pipes	34	27	24
White lead, red lead and litharge	1,062	1,274	1,472
Newfoundland (years ended June 30)—			
Bars and sheets	(£443)	(£645)	(£828)
British India—			
Ore	180	306	210
Pig-lead, bars, etc.	182	122	4,783
Sheets, pipes and tubes	1,160	1,135	2,003
Tea lead	20	3	20
Litharge, red and white lead, etc.	2,916	2,440	1,242
British Malaya (total imports)—			
Pig-lead	314	385	459
Pipes and sheets	109	82	119
Burma—			
Sheets, pipes and tubes	(b)	(b)	(b) 68
Red and white lead	(b)	(b)	(b) 182
Ceylon—			
Pig-lead	1,429	1,738	309
Sheets and pipes	40	48	49
Tea-lead	333	5	139
Cyprus—			
Sheets and pipes	13	11	22
Hong Kong (total imports)—			
Pig-lead	1,154	837	881
Palestine—			
Pig-lead, sheets, pipes, etc.	375	269	202
Australia—			
Sheets and pipes	60	63	96
White lead and lead acetate	43	56	96
Fiji—			
Pig-lead and sheet	25	10	27
New Zealand—			
Pig-lead and bars	1,611	1,829	1,654
Sheets and pipes	459	499	(a)
White lead	1,541	1,169	(a)

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Ore	3,561	5,651	6,810
Pig-lead, scrap and alloys ..	345	109	919
Bars, sheets, rods, etc. ..	8	4	1
Red and white lead, etc. ..	4	2	1
Belgium-Luxemburg E.U.—			
Ore	84,091	97,994	130,525
Pig-lead and scrap ..	26,730	36,719	29,993
Sheets, bars, pipes and wire ..	31	14	13
Red and white lead, etc. ..	690	751	518
Bulgaria—			
Pig-lead, scrap, etc. ..	939	645	532
Tubes, wire, etc. ..	114	3	8
Red and white lead, etc. ..	86	85	79
Czechoslovakia—			
Pig-lead, ashes, scrap and alloys ..	10,866	10,024	14,830
Sheets, plates, pipes, wire, etc. ..	2	3	5
Red and white lead, etc. ..	247	368	403
Denmark—			
Pig-lead and scrap ..	9,513	6,816	8,900
Sheets and pipes ..	370	395	418
Red and white lead ..	872	840	708
Estonia—			
Pig-lead and scrap ..	174	207	198
Sheets, pipes and wire ..	21	34	76
Red and white lead, etc. ..	172	481	206
Finland (total imports)—			
Pig-lead and scrap ..	2,194	2,283	3,112
Sheets, pipes, wire, etc. ..	1,366	828	1,164
Red and white lead, etc. ..	859	699	769
France—			
Ore, matte and slag ..	6,610	39,751	42,057
Pig-lead, including argentiferous and antimonial ..	85,294	85,101	72,638
Scrap ..	1,224	1,132	1,191
Sheets, etc. ..	287	244	232
Red and white lead, etc. ..	1,324	1,125	665
Germany—			
Ore	82,655	97,729	124,786
Pig-lead, scrap and alloys ..	53,604	67,807	72,138
Sheets, pipes, wire, etc. ..	20	45	9
Red and white lead, etc. ..	485	429	317
Greece—			
Lead	232	11	27

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Hungary—			
Pig-lead and scrap	6,032	4,837	5,963
Bars, sheets, pipes and wire	5	8	10
Red and white lead, etc.	35	23	13
Iceland—			
Pig-lead, etc.	19	(a)	(a)
Red and white lead	14	(a)	(a)
Italy—			
Ore	19,862	21,253	13,242
Pig-lead, scrap and alloys	29,837	8,526	10,946
Sheets, pipes, wire and alloys	8	171	34
Red and white lead	920	96	47
Latvia—			
Pig-lead and scrap	1,926	1,303	2,130
Sheets, tubes and wire	68	245	14
Lithuania—			
Pig-lead, sheets, wire and scrap	89	274	822
Red and white lead, etc.	65	106	140
Netherlands—			
Ore	281	202	163
Pig-lead and scrap	19,092	21,208	23,558
Sheets and wire	2,702	1,032	342
Red and white lead	4,659	3,858	3,828
Norway—			
Pig-lead	3,659	3,308	4,117
Bars, sheets and tubes	630	811	794
Red and white lead	773	726	745
Poland—			
Ore and slag	9,327	272	1,916
Pig-lead, bars and scrap	26	82	594
Sheets, tubes and wire	7	10	7
Red and white lead, etc.	269	355	585
Portugal—			
Pig-lead, alloys, etc.	2,215	1,922	2,245
Red and white lead	431	352	(a)
Roumania—			
Pig-lead	50	29	59
Bars, sheets, pipes and wire	11	10	10
Red and white lead, etc.	175	160	183
Spain—			
Ores	92	(a)	(a)
Pig-lead and scrap	77	(a)	(a)
Sheets, pipes and wire	23	(a)	(a)

(a) Information not available.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Sweden—			
Pig-lead and scrap	16,420	16,849	19,347
Sheets and pipes	2,777	2,607	2,566
Red and white lead, etc.	2,986	2,673	2,985
Switzerland—			
Ores, etc.	12	—	2
Pig-lead, scrap, etc.	12,584	7,689	9,289
Sheets, pipes, wire, etc.	575	533	616
Red and white lead, etc.	431	362	249
U.S.S.R.—			
Pig-lead, sheets and scrap	30,411	29,194	41,753
Red lead, etc.	268	—	(a)
Yugoslavia—			
Ore	—	—	10
Pig-lead and scrap	29	33	23
Sheets, bars, rods and wire	7	66	271
Red and white lead, etc.	361	348	284
Algeria—			
Ore, matte and slags	164	3,898	1,020
Pig-lead, bars, sheets, etc.	1,842	2,147	1,388
Red and white lead, etc.	111	121	109
Angola—			
Bars, sheets and tubes	15	12	(a)
Belgian Congo—			
Pig-lead	2	3	14
Egypt—			
Pig-lead and scrap	256	203	400
Sheets, pipes, wire, etc.	492	534	379
Red and white lead	333	397	416
Madagascar—			
Pig-lead, bars and sheets	35	66	29
Red and white lead	37	65	37
Morocco (French)—			
Ore	21	1	—
Pig-lead, sheets and wire	122	120	115
Red and white lead, etc.	78	58	71
Mozambique—			
Bars and sheets	9	19	15
Morocco (Spanish)—			
Ingots, sheets and wire	(a)	11	(a)
Red and white lead, etc.	(a)	3	(a)

(a) Information not available.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Tunis—			
Ore, matte and slag	33,418	8,692	9,672
Pig-lead, bars and scrap	145	59	2,666
Sheets, etc.	40	94	45
Red and white lead, etc.	41	40	27
Cuba (total imports)—			
Pig-lead	23	73	(a)
Sheets, pipes and wire	59	93	(a)
Mexico—			
Pig-lead	36	26	40
Sheets and pipes	51	91	119
United States—			
Ore and matte (<i>Pb content</i>)	10,688	11,220	} 11,877
Bullion and base bullion (<i>Pb content</i>)	2,051	717	
Pig-lead, bars and scrap (<i>Pb content</i>)	1,420	2,092	2,414
Sheets, pipes, wire, etc.	361	271	335
Red and white lead, etc.	8	35	36
Argentina—			
Ore	2,948	5,272	3,755
Pig-lead and sheets	360	443	468
Tubes and wire	48	18	25
Red and white lead	638	651	953
Brazil (total imports)—			
Pig-lead	7,856	8,340	10,062
Sheets and pipes	23	141	237
Red and white lead	451	543	536
Chile—			
Pig-lead	3,175	1,381	1,439
Bars and sheets	80	159	221
Red and white lead	13	19	70
Colombia—			
Ingots, bars, tubes and alloys	252	216	270
Red and white lead	14	72	100
Peru—			
Pig-lead, sheets, etc.	65	51	20
Uruguay—			
Pig-lead	728	682	(a)
Red and white lead, etc.	125	168	(a)
Venezuela—			
Pig-lead	16	27	(a)
Red and white lead	27	22	(a)

(a) Information not available.

IMPORTS OF LEAD, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
China—			
Ore	—	—	11
Pig-lead	3,971	2,918	2,624
Scrap	656	591	330
Sheets	272	225	384
Pipes	49	70	64
Red and white lead, etc.	975	638	438
Formosa—			
Pig-lead	2	1	(a)
Pipes and tubes	591	623	(a)
French Indo-China—			
Pig-lead and scrap	149	72	68
Sheets, etc.	31	65	28
Red and white lead	134	154	296
Iran (total imports) (b)—			
Ingots, sheets and wire	79	136	132
Iraq—			
Pig-lead, tubes, wire, etc.	187	97	116
Japan (total imports)—			
Pig-lead	88,782	94,397	(a)
Tea-lead	75	26	(a)
Korea (total imports)—			
Pig-lead	5	14	(a)
Pipes	773	561	(a)
“ Manchoukuo ”—			
Pig-lead	1,664	1,762	2,303
Red and white lead, etc.	377	370	433
Netherlands East Indies—			
Pig-lead, scrap and alloys	337	228	509
Sheets, etc. and alloys	345	358	628
Tea-lead	182	187	123
Red and white lead	858	879	1,207
Philippine Islands—			
Pig-lead and sheets	558	571	778
Red and white lead	300	324	310
Siam (total imports)—			
Pig-lead	180	131	54
Syria and Lebanon—			
Ingots and sheets	77	74	30
Pipes	104	19	105
Red and white lead	49	53	46
Turkey—			
Pig-lead, scrap and alloys	1,100	399	281
Tubes, wire and alloys	171	144	84

(a) Information not available.

(b) Years ended June 21.

MAGNESITE

PRODUCTION OF MAGNESITE

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Union of South Africa—			
Crude	1,462	1,667	1,724
Canada—			
Crude	26,684	(d)	(d)
India—			
Crude	16,984	15,468	26,166
Australia—			
Crude	16,068	17,615	19,705
FOREIGN COUNTRIES			
Austria—			
Crude	295,569	391,494	(a)
Caustic (c)	43,042	57,621	(a)
Dead-burnt (c)	93,029	97,025	(a)
Bricks (c)	38,172	42,015	(a)
Czechoslovakia—			
Crude (b)	9,317	8,545	12,010
Calcined (b)	28,763	34,957	37,465
Germany (Prussia)—			
Crude	13,600	14,789	20,758
Greece—			
Crude	92,085	114,272	(a)
Caustic (c)	18,807	22,762	(a)
Dead-burnt (c)	6,162	6,552	(a)
Italy—			
Crude	1,231	3,105	5,307
Calcined (c)	653	—	—

(a) Information not available.

(b) Exports less imports.

(c) Derived from crude shown, and *not* additional.

(d) Production recorded by value only :—

1936 £154,583.

1937 £137,086.

PRODUCTION OF MAGNESITE (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Norway—			
Crude	2,486	3,067	2,063
Calcined (c)	603	544	601
Bricks (c)	787	607	587
Yugoslavia (Serbia only)—			
Crude	29,286	38,392	40,531
Calcined	11,475	13,910	19,464
United States—			
Crude	158,173	184,928	181,640
Caustic (sales) (c)	5,401	7,141	8,956
Dead-burnt (sales) (c)	64,677	80,338	74,289
Korea—			
Crude	2,372	14,033	(a)
“ Manchoukuo ”—			
Crude	154,000	203,000	(a)
Turkey—			
Crude	1,075	2,247	316

Magnesite is also produced in the U.S.S.R.

(a) Information not available.

(c) Derived from crude shown, and *not* additional.

EXPORTS OF MAGNESITE, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Magnesium and alloys	66	65	19
Magnesium compounds	5,469	5,367	5,539
Canada—			
Calcined and dead-burnt	1,408	2,614	1,810
British India—			
Magnesite	4,084	4,768	8,014
Chloride	1,212	954	1,011
FOREIGN COUNTRIES			
Austria—			
Crude	7,056	9,058	10,835
Caustic	33,775	43,274	52,164
Dead-burnt	54,251	62,934	57,714
Bricks	35,392	38,648	52,422
Chloride	9	12	8
Belgium-Luxemburg E.U.—			
Crude	1	11	46
Calcined	95	249	575
Magnesium	—	15	28
Carbonate	13	13	13
Chloride	66	4	2
Sulphate	80	74	118
Czechoslovakia—			
Crude	9,388	8,545	12,055
Calcined	29,823	36,857	39,825
Chloride, oxide and sulphate ..	3	2	1
France—			
Magnesium compounds	3,311	4,440	5,625
Germany—			
Calcined	2,323	1,789	1,845
Carbonate, etc.	875	1,101	1,569
Chloride	16,953	14,610	16,615
Sulphate	50,680	52,750	57,441
Greece—			
Crude	32,974	44,841	64,093
Caustic	22,149	23,340	33,964
Dead-burnt.. .. .	9,046	11,796	14,558

EXPORTS OF MAGNESITE, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Crude	—	20	132
Caustic, impure	192	40	58
do. pure	236	149	353
Carbonate	159	78	196
Chloride and sulphate	31	18	18
Netherlands—			
Crude	42	48	4
Oxide	9,804	10,422	11,698
Sulphate	72	38	53
Spain—			
Chloride and sulphate	75	(a)	(a)
Sweden—			
Crude and calcined	—	2	—
Switzerland—			
Calcined	5	5	3
U.S.S.R.—			
Crude	17	554	} 3,821
Calcined	15,332	2,507	
Yugoslavia—			
Crude	1,867	1,706	501
Calcined	11,120	13,239	15,037
United States—			
Oxide and manufactures	823	938	1,399
Bricks, etc.	(a)	6,630	8,734
Japan—			
Carbonate	1,734	2,422	3,210
Magnesium	(a)	(a)	11
Korea—			
Crude	2,815	6,809	14,188
“Manchoukuo”—			
Crude and ground	75,243	108,535	163,797
Turkey—			
Crude	492	924	179
Calcined	247	59	103

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Crude and calcined	29,733	38,534	49,620
Magnesium and alloys	1,383	2,403	2,203
Chloride	5,766	6,039	6,143
Other salts	18,463	17,835	17,826
Eire—			
Magnesium Salts	417	429	436
Union of South Africa—			
Carbonate and sulphate	729	828	945
Chloride	258	139	228
Canada—			
Crude and calcined	683	1,056	1,277
Oxide	123	166	120
Carbonate	491	453	435
Sulphate	1,645	1,598	1,498
Bricks	(£78,030)	(£114,331)	(£132,289)
British India—			
Chloride	708	675	613
Sulphate	510	602	483
Other salts	1,141	1,382	1,488
Burma—			
Sulphate	(b)	(b)	(b)101
Other salts	(b)	(b)	(b)142
Palestine—			
Sulphate	42	20	27
Australia—			
Oxide	84	141	185
Carbonate	190	148	179
Chloride	219	444	298
Sulphate	1,675	1,697	2,585
New Zealand—			
Sulphate	327	328	(a)
FOREIGN COUNTRIES			
Austria—			
Caustic	42	40	500
Carbonate	133	157	147
Chloride	784	638	787
Sulphate	1,834	1,979	2,094

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgium-Luxemburg E.U.—			
Crude	130	789	880
Calcined	988	3,868	2,428
Magnesium	1	24	19
Carbonate	150	124	79
Chloride	1,294	565	1,322
Sulphate	4,149	1,674	2,011
Bulgaria—			
Crude	51	107	115
Sulphate	80	84	99
Czechoslovakia—			
Crude	71	—	45
Calcined	1,060	1,900	2,360
Chloride	1,849	1,623	2,135
Oxide, impure	1,423	1,532	2,259
Sulphate	2	553	686
Denmark—			
Crude	449	607	477
Chloride	427	382	511
Oxide	58	82	98
Sulphate	330	474	368
Estonia—			
Ground and calcined	54	59	74
Chloride and sulphate	100	89	113
Finland (total imports)—			
Magnesite and witherite	1,164	1,200	999
Calcined	7	9	24
Carbonate	251	210	239
Chloride	609	478	707
Sulphate	201	48	164
France—			
Crude	4,758	4,100	7,176
Calcined	11,833	12,189	15,612
Magnesium	20	25	66
Carbonate	865	1,157	1,010
Chloride	434	341	242
Sulphate	973	944	1,350
Germany—			
Crude	30,022	55,074	61,110
Caustic	53,994	62,757	83,060
Dead-burnt	27,091	30,606	31,762
Hungary—			
Crude and calcined	11,515	9,579	14,770
Oxide	40	36	59
Sulphate	74	74	118

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Crude	2,478	—	7,547
Caustic	5,689	4,440	4,736
Carbonate	2	20	6
Chloride	559	233	348
Sulphate	14	—	—
Latvia—			
Crude and calcined	150	149	111
Carbonate	15	16	21
Chloride	136	137	180
Sulphate	84	56	93
Lithuania—			
Crude and calcined	85	97	94
Netherlands—			
Crude	715	1,155	747
Oxide	10,336	10,411	13,910
Sulphate	5,460	4,550	4,579
Norway—			
Calcined	603	627	967
Bricks	114	224	81
Chloride	296	357	582
Poland—			
Crude and calcined	2,176	2,971	4,300
Chloride	673	707	891
Oxide	10	18	17
Sulphate	855	727	968
Portugal—			
Carbonate	40	29	(a)
Chloride	84	115	(a)
Oxide	4	4	(a)
Sulphate	503	336	(a)
Roumania—			
Calcined	47	22	44
Chloride	124	101	87
Sulphate	162	156	60
Spain—			
Carbonate	83	(a)	(a)
Chloride and sulphate	205	(a)	(a)
Oxide	37	(a)	(a)
Sweden—			
Crude and calcined	2,343	2,875	4,172
Chloride	1,460	1,774	1,693

(a) Information not available.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Switzerland—			
Calcined	1,127	895	827
U.S.S.R.—			
Magnesium	315	55	(a)
Yugoslavia—			
Calcined	1,327	1,661	2,358
Chloride and sulphate	198	275	280
Oxide and carbonate	75	90	71
Algeria—			
Calcined	6	43	126
Carbonate	5	2	—
Chloride	—	2	—
Sulphate	20	—	—
Belgian Congo—			
Sulphate	(a)	(a)	814
Egypt—			
Sulphate	166	729	598
Mexico—			
Crude	124	(a)	57
Calcined	47	8	(a)
United States—			
Crude	44	53	31
Calcined	1,288	1,960	2,498
Dead-burnt	22,031	38,043	50,018
Oxide	88	106	97
Carbonate, precipitated	269	337	466
Chloride	22	14	29
Sulphate	3,004	4,884	5,419
Argentina—			
Carbonate	113	72	108
Chloride	276	175	228
Oxide	123	65	89
Sulphate and chlorate	777	928	729
Brazil (total imports)—			
Sulphate	1,364	1,033	1,385
Chile—			
Crude	165	99	100
Calcined	124	113	603
Chloride	7	1	—
Carbonate, oxide, etc.	7	8	6
Sulphate	2	2	2
Colombia—			
Carbonate	(a)	(a)	40
Chloride	(a)	22	3
Sulphate	(a)	129	143

(a) Information not available.

IMPORTS OF MAGNESITE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Peru—			
Crude and calcined	1,568	464	1,015
Salts	96	108	123
Venezuela—			
Crude and calcined	56	—	(a)
Sulphate	67	101	(a)
China—			
Carbonate	691	1,460	1,232
French Indo-China—			
Calcined	17	7	5
Carbonate	2	1	14
Chloride	29	17	35
“Manchoukuo”—			
Chloride	3,176	1,757	3,901
Syria and Lebanon—			
Ground and calcined	34	23	13
Chloride	14	4	13
Oxide	—	6	18
Sulphate	—	—	28

(a) Information not available.

MANGANESE

PRODUCTION OF MANGANESE ORE

(Long tons)

Producing Country.	1935	1936	1937	Estimated Manganese Content.		
				1935	1936	1937
BRITISH EMPIRE						
Gold Coast (shipments)	430,659	411,024	527,036	224,000	214,000	274,000
Northern Rhodesia	3,976	3,022	2,341	1,407	774	646
Union of South Africa	93,943	254,167	621,229	47,253	119,214	264,581
Canada	89	197	76	(a)	(a)	(a)
India	641,483	813,442	1,051,594	321,000	407,000	526,000
Unfederated Malay States	28,054	36,776	32,799	8,800	10,900	9,900
Australia	148	72	1,142	(a)	(a)	(a)
New Zealand	—	—	5	—	—	2
TOTAL	1,200,000	1,520,000	2,240,000			
FOREIGN COUNTRIES						
Bulgaria	—	2,500	3,000	—	1,000	1,200
Czechoslovakia ..	70,306	91,567	104,615	11,995	15,489	17,700
Germany	220	238	177	92	99	74
Greece	416	1,653	(a)	200	578	(a)
Hungary	6,192	26,798	24,691	2,167	11,100	9,900
Italy	8,983	23,751	33,002	2,650	8,450	11,800
Portugal	156	285	312	66	114	135
Roumania	19,482	33,321	49,997	5,800	10,000	15,000
Spain	1,240	(a)	(a)	400	(a)	(a)
Sweden	7,114	6,259	6,031	2,661	2,253	2,091
U.S.S.R.	2,346,900	2,955,000	(a)	(a)	(a)	(a)
Yugoslavia	913	2,696	4,369	300	1,000	1,500
Belgian Congo ..	—	—	30,498	—	—	15,249
Egypt	85,924	132,840	183,377	25,087	38,524	53,179
Morocco (French)	24,479	29,910	74,476	10,500	14,000	35,000
Morocco (Spanish)	—	—	650	—	—	(a)

(a) Information not available.

PRODUCTION OF MANGANESE ORE (Cont.)

Producing Country.	1935	1936	1937	Estimated Manganese Content.		
				1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
Cuba	(b) 90,650	(b) 151,981	130,000	17,223	30,000	60,000
Mexico	3,166	3,284	17	(a)	(a)	(a)
Porto Rico (exports)	3,358	3,010	2,343	1,679	1,505	1,171
United States (c) ..	26,428	32,119	40,241	11,400	13,800	20,800
Argentina	432	436	(a)	180	180	(a)
Brazil	(d) 59,711	(d) 163,842	256,054	28,100	77,000	120,000
Chile	4,301	5,098	12,809	2,002	2,286	5,764
China	1,000	(a)	(a)	460	(a)	(a)
French Indo China	1,543	3,375	5,207	643	1,588	2,300
Japan	70,527	66,683	(a)	35,000	33,000	(a)
Netherlands East Indies	12,158	8,483	10,908	6,286	4,500	6,000
Philippine Islands	(d) 511	200	5,600	245	100	2,700
Portuguese India..	4,000	2,579	4,013	1,800	1,150	1,766
Turkey	15,350	5,100	522	7,368	1,200	130
TOTAL.. ..	2,900,000	3,800,000	(a)			
WORLD'S TOTAL	4,100,000	5,300,000	(a)			

(a) Information not available.

(b) Low grade ore before concentration.

(c) Shipments. Excluding the following quantities of ore containing 10 to 35 per cent. *Mn*, which are recorded by the United States Bureau of Mines as iron ore :—

1935	..	..	..	93,291 long tons.
1936	..	..	..	98,962 " "
1937	..	..	..	151,955 " "

(d) Exports.

EXPORTS OF MANGANESE ORE, ETC.
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ferro-manganese and spiegeleisen	11,656	9,424	11,041
Gold Coast—			
Ore	398,718	411,024	527,036
Union of South Africa—			
Ore	80,222	204,558	474,633
British India—			
Ore (b)	702,287	633,823	981,189
Ferruginous manganese ore ..	—	—	3,014
British Malaya (c)—			
Ore	26,842	36,758	34,024
Hong Kong (including re-exports)—			
Ore	4,154	19,169	42,861
Australia—			
Ore	—	—	2,090
FOREIGN COUNTRIES			
Austria—			
Ore	4	30	18
Belgium-Luxemburg E.U.—			
Ore	6,836	12,123	2,785
France—			
Ore	9,305	5,351	7,401
Manganese dioxide	29	47	45
Ferro-manganese	9,423	7,240	8,875
Germany—			
Ore	1,591	1,316	788
Ferro-manganese	11,891	14,528	12,638
Greece—			
Ore	429	1,680	1,439
Hungary—			
Ore	30	5,292	(a)
Italy—			
Ore, including manganiferous iron ore	1	—	26
Ferro-manganese	736	198	99

(a) Information not available.

(b) Excluding manganese ore mined in British India but exported via the Portuguese port of Mormugao—1935, 162,411 tons—1936, 108,524 tons—1937, 170,645 tons.

(c) Including re-exports.

EXPORTS OF MANGANESE ORE, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Ore	853	708	1,609
Norway—			
Ferro-manganese	47,653	58,400	65,996
Silico-manganese	9,709	16,553	17,217
Poland—			
Ferro-manganese	8,159	8,194	11,132
Spain—			
Ore	582	(a)	(a)
Sweden—			
Ore	68	72	39
Ferro-manganese and spiegeleisen	898	781	1,118
Ferro-silico-manganese	4,436	5,230	12,609
U.S.S.R.—			
Ore	634,689	596,166	984,999
Ferro-manganese	—	294	(a)
Yugoslavia—			
Ore	44	226	224
Algeria (including re-exports)—			
Ore	36,102	17,349	6,714
Belgian Congo—			
Ore	—	—	27,597
Morocco (French)—			
Ore	24,477	27,414	31,212
Morocco (Spanish)—			
Ore	(a)	—	610
Coasta Rica—			
Ore	—	—	129
Cuba—			
Ore	49,783	36,053	133,106
United States—			
Ferro-manganese and spiegeleisen	131	466	1,725
Brazil—			
Ore	59,711	163,842	243,212
Chile—			
Ore	4,301	5,102	12,810
Peru—			
Ore (<i>Mn content</i>)	—	11	50
China—			
Ore	814	23,418	50,633
French Indo-China—			
Ore	1	4,424	3,116
Japan—			
Ore	5,177	5,637	5,562

(a) Information not available.

EXPORTS OF MANGANESE ORE, ETC. (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Netherlands East Indies—			
Ore	9,871	11,215	15,444
Philippine Islands—			
Ore	511	251	12,013
Portuguese India—			
Ore	4,370	2,397	5,282
Turkey—			
Ore	15,334	4,572	—

IMPORTS OF MANGANESE ORE, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore	227,605	240,344	283,458
Ferro-manganese and spiegeleisen	2,772	3,737	4,473
Ferro-silico-manganese	8,934	13,834	32,514
Union of South Africa—			
Ferro-manganese	1,907	2,510	4,111
Manganese dioxide	60	68	259
Canada—			
Ore	32,840	57,377	68,952
Ferro-manganese and spiegeleisen	46	58	275
Hong Kong (total imports)—			
Ore	368	23,737	56,964
Australia—			
Ore	228	104	34
FOREIGN COUNTRIES			
Austria—			
Ore	342	573	529
Ferro-manganese	3,099	2,129	4,010
Belgium-Luxemburg E.U.—			
Ore	235,774	151,848	335,089
Czechoslovakia—			
Ore	53,582	53,755	76,486
Denmark—			
Ore	1,415	1,148	1,088
Estonia—			
Ore	4	64	68
Finland (total imports)—			
Ore	121	59	90
Ferro-manganese and spiegeleisen	546	252	878
France—			
Ore	366,028	414,687	484,633
Ferro-manganese	81	395	174
Manganese dioxide	23	99	93
Germany—			
Ore	388,029	226,007	545,417
Ferro-manganese	1,793	946	319
Hungary—			
Ore	1	29	(a)

(a) Information not available.

IMPORTS OF MANGANESE ORE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Ore, including manganiferous iron ore	120,313	23,588	74,193
Ferro-manganese	42	123	12
Ferro-silico-manganese	28	67	65
Manganese metal	47	27	23
Lithuania—			
Ore	23	23	59
Netherlands—			
Ore	1,998	8,413	13,565
Norway—			
Ore	80,078	101,077	128,992
Poland—			
Ore	62,429	55,810	81,061
Ferro-manganese	73	903	106
Roumania—			
Manganese dioxide	45	48	62
Spain—			
Ore	11,186	(a)	(a)
Ferro-manganese	30	(a)	(a)
Sweden—			
Ore	535	445	700
Ferro-manganese and spiegeleisen	6,272	4,442	6,654
Ferro-silico-manganese	60	83	16
Yugoslavia—			
Ore	33	78	76
Ferro-manganese	544	807	1,140
Algeria—			
Ore	32,205	25,410	6,082
Mexico—			
Ferro-manganese	689	59	870
United States—			
Ore	383,500	846,645	974,429
<i>Mn content</i>	189,258	415,748	464,638
Ferro-manganese and other Mn alloys (<i>Mn content</i>)	21,964	30,733	29,558
Argentina—			
Dioxide and borate of manganese	110	68	223
Chile—			
Ferro-manganese	165	320	506
China—			
Ore	1,604	2,082	1,384
Ferro-manganese	138	121	483
Manganese dioxide	359	644	680

(a) Information not available.

IMPORTS OF MANGANESE ORE, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
French Indo-China—			
Ore	1	57	67
Japan (total imports)—			
Ore	(b)	(b)	(b)
Ferro-manganese	5	6	(a)
“ Manchoukuo ”—			
Ferro-manganese	2,035	295	578

(a) Information not available.

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

	1935	1936	1937
British India	176,373	108,374	178,547
British Malaya	26,842	35,660	34,024
U.S.S.R.	6,300	15,090	(a)
China	12	2,733	11

MICA

PRODUCTION OF MICA
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Northern Rhodesia	2	3	4
Southern Rhodesia	4	9	16
Tanganyika Territory—			
Sheet	25	10	33
Waste	21	23	40
Union of South Africa (b)	573	488	1,712
Canada—			
Knife trimmed	50	50	92
Thumb trimmed	5	16	77
Splittings	15	11	32
Rough cobbed	14	5	42
Scrap	477	633	601
Ceylon (exports)	2	—	1
India (exports)—			
Sheet	1,189	1,362	1,500
Splittings	5,902	7,521	13,367
Australia	44	21	84
FOREIGN COUNTRIES			
Italy	33	12	(a)
Norway (exports)	56	43	41
Roumania	(c)	81	26
Sweden	31	123	67
U.S.S.R.	8,143	(a)	(a)
Madagascar—			
Muscovite	(1,917 lb.)	—	—
Phlogopite, etc.	513	404	601
United States (sales)—			
Sheets (uncut)	418	589	756
Scrap	16,832	18,710	22,496
Argentina	221	206	(a)
Bolivia (exports)	2	—	9
Brazil (exports)	108	233	325
Korea	86	69	(a)

(a) Information not available.

(b) Nearly all scrap.

(c) 10 cubic metres.

The following amounts of lithia mica were produced :—

	1935	1936	1937	
South West Africa	489	852	1,030	long tons.
France	350	(a)	(a)	" "
Portugal	8	—	109	" "
United States (lithium minerals)	1,030	1,106	1,212	" "
Argentina	—	60	(a)	" "

EXPORTS OF MICA
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Splittings, ground and waste ..	60	74	85
Southern Rhodesia	6	6	16
Tanganyika Territory—			
Sheet	25	12	33
Waste	32	23	45
Union of South Africa	240	242	1,442
Canada—			
Roughcobbled and thumb			
trimmed	67	75	114
Splittings	15	12	59
Scrap and waste	598	1,104	1,091
British India—			
Sheet	1,189	1,362	1,500
Splittings	5,902	7,521	13,367
Ceylon	2	—	1
Australia—			
Slabs (<i>£ Australian</i>)	(<i>£417</i>)	(<i>£3,182</i>)	(<i>£7,228</i>)
FOREIGN COUNTRIES			
Austria	80	76	19
Belgium-Luxemburg E.U.—			
Sheets and plates	75	77	88
Bulgaria	(a)	(a)	20
Czechoslovakia	(a)	(a)	25
France—			
Unmanufactured	77	109	144
Sheet, plate and manufactures ..	18	14	33
Germany—			
Unmanufactured	14	8	1
Netherlands	22	5	10
Norway—			
Sheet	2	2	1
Scrap	54	41	40
Switzerland (including asbestos) ..	11	13	5
U.S.S.R.	1,263	—	—
Madagascar—			
Phlogopite, etc.	403	445	601
Mozambique	58	3	—
United States—			
Unmanufactured	1,339	164	191
Ground and manufactured .. } ..	1,339	1,155	1,412
Argentina	97	164	192
Bolivia	2	—	9
Brazil	108	233	325

(a) Information not available.

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Slabs	496	485	506
Splittings	636	1,062	1,327
Ground and waste.. .. .	631	906	957
Union of South Africa—			
Micanite sheets	1	4	4
Canada—			
Mica and manufactures	(£13,569)	(£15,649)	(£16,922)
British India—			
Sheet	5	4	26
Splittings	3	7	22
Australia—			
Slabs	(£69)	(£169)	(£410)
FOREIGN COUNTRIES			
Austria—			
Unmanufactured	32	43	64
Sheet	17	16	30
Belgium-Luxemburg E.U.—			
Crude sheet and crude plate	122	183	207
Cut sheet and cut plate	16	20	24
Czechoslovakia	(a)	(a)	100
Denmark	72	34	48
France—			
Unmanufactured	527	686	639
Sheet, plate and manufactures	35	48	49
Germany—			
Unmanufactured	1,099	1,195	1,434
Italy—			
Unmanufactured and sheet	230	450	354
Netherlands	91	49	138
Poland	53	52	102
Portugal	26	9	(a)
Roumania	3	4	8
Spain—			
Sheet	23	(a)	(a)
Switzerland (including asbestos)	1,034	1,020	1,151
Mexico	10	60	283
United States (b)—			
Unmanufactured	2,938	3,860	6,452
Cut, splittings and manufactures	1,418	2,102	3,673

(a) Information not available.

(b) Re-exports of mica and manufactures were 49, 24 and 25 tons during 1935, 1936, and 1937 respectively.

MOLYBDENUM

PRODUCTION OF MOLYBDENUM ORE

(Cwt.)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Canada	—	—	140
Burma	—	—	14
Australia	212	403	1,400
FOREIGN COUNTRIES			
Roumania (<i>Bi-Mo Ore</i>)	280	900	530
Yugoslavia	363	—	—
Norway (<i>MoS₂ content</i>)	12,736	13,838	11,279
French Morocco (<i>MoS₂ content</i>)	2,330	3,800	3,200
Mexico	22,528	17,522	20,655
United States (<i>MoS₂ content</i>)	171,310	255,744	437,783
Peru (<i>MoS₂ content</i>)	194	327	1,629
Japan	127	120	(a)
Korea	2,077	1,573	(a)
Turkey	—	—	42

Molybdenum ore is also produced in China.

(a) Information not available.

EXPORTS OF MOLYBDENUM ORE, ETC.

*(Domestic Produce)**(Cwt.)*

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Australia—			
Ore	299	323	947
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.—			
Ore	(a)	10,511	42,909
France—			
Molybdic acid and molybdates ..	878	104	522
Norway—			
Ore	12,358	14,670	12,054
Morocco (French)—			
Ore	3,968	3,688	2,926
Mexico—			
Ore and concentrates	22,528	18,177	20,524
United States.. .. .	(b)	(b)	(b)
Peru—			
Ores (<i>MoS₂ content</i>)	194	327	1,629

(a) Information not available.

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

IMPORTS OF MOLYBDENUM ORE, ETC.

(Less Re-exports)

(Cwt.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore	31,206	50,917	81,898
Canada—			
Calcium molybdate	670	1,416	1,898
FOREIGN COUNTRIES			
Austria—			
Ferro-molybdenum	726	1,046	2,352
Belgium-Luxemburg E.U.—			
Ore	(a)	10,736	39,709
France—			
Molybdic acid and molybdates ..	22	12	83
Italy—			
Molybdenum metal	—	10	4
Ferro-molybdenum	3,244	5,836	4,986
U.S.S.R.—			
Ore	—	709	70,213
Ferro-molybdenum	20,600	27,740	(a)
Yugoslavia—			
Ferro-molybdenum	—	24	202
United States—			
Ore (<i>MoS₂ content</i>)	1,023	—	—

(a) Information not available.

MONAZITE

PRODUCTION OF MONAZITE
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
India	3,819	2,628	3,081
FOREIGN COUNTRIES			
Egypt	11	1	—
Netherlands East Indies	—	657	364
Brazil (exports)	—	—	417

EXPORTS OF MONAZITE, ETC.

(Domestic Produce)

Exporting Country and Description.	Unit	1935	1936	1937
BRITISH EMPIRE				
United Kingdom—				
Gas mantles	Gross	17,973	15,227	12,558
India (Travancore) (b)—				
Monazite sand	Long ton	2,227	3,333	2,462
British Malaya (including re-exports)—				
Gas mantles	Gross	100	27	27
FOREIGN COUNTRIES				
Austria—				
Gas mantles	Cwt.	18	18	12
Belgium-Luxemburg E.U.—				
Gas mantles	Cwt.	—	6	6
France—				
Thorium nitrate and other rare-earth salts	Cwt.	598	1,234	1,610
Gas mantles	Gross	417	243	278
Germany—				
Gas mantles	Gross	61,215	77,042	105,708
Hungary—				
Gas mantles	Cwt.	2	4	28
Italy—				
Gas mantles	Gross	3	92	2,869
Netherlands—				
Gas mantles	Gross	1	18	26
Poland—				
Gas mantles	Cwt.	—	8	43
Sweden—				
Gas mantles	Cwt.	57	32	34
United States—				
Gas mantles	Gross	8,505	7,657	10,127
Brazil—				
Monazite sand	Long ton	—	—	417

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.

(b) Years ended August.

IMPORTS OF MONAZITE, ETC.
(Less Re-exports)

Importing Country and Description.	Unit	1935	1936	1937
BRITISH EMPIRE				
United Kingdom—				
Thorium nitrate, etc. ..	Cwt.	163	148	107
Gas mantles	Gross	897	885	1,193
Eire—				
Gas mantles	Gross	3,308	3,322	2,570
Canada—				
Thorium and cerium salts..	£	2,189	1,824	1,525
British West Indies—				
Trinidad and Tobago—				
Gas mantles	Gross	113	117	251
British India—				
Gas mantles	£	23,936	21,118	21,335
British Malaya (total im- ports)—				
Gas mantles	Gross	3,491	5,463	5,840
Ceylon—				
Gas mantles	Gross	2,258	1,450	2,874
Australia—				
Gas mantles	Gross	5,533	4,656	6,201
FOREIGN COUNTRIES				
Belgium-Luxemburg E.U.—				
Gas mantles	Cwt.	30	24	8
Czechoslovakia—				
Gas mantles	Cwt.	14	14	20
Estonia—				
Gas mantles	Gross	263	289	443
Finland—				
Gas mantles	Cwt.	23	39	50
France—				
Thorium nitrate and other rare-earth salts	Cwt.	26	—	—
Gas mantles	Gross	403	347	417
Germany—				
Monazite sand	Long ton	1,911	49	2,414
Gas mantles	Gross	49	14	—
Hungary—				
Gas mantles	Cwt.	8	14	16
Italy—				
Gas mantles	Gross	180	178	143
Thorium and cerium salts..	Cwt.	20	18	91
Netherlands—				
Gas mantles	Gross	6,141	4,984	5,415

IMPORTS OF MONAZITE, ETC. (Cont.)

Importing Country and Description.	Unit	1935	1936	1937
FOREIGN COUNTRIES (Cont.)				
Norway—				
Gas mantles	Cwt.	19	18	22
Poland—				
Gas mantles	Cwt.	6	6	12
Portugal—				
Gas mantles	Cwt.	12	15	(a)
Switzerland—				
Gas mantles	Cwt.	3	3	2
Yugoslavia—				
Gas mantles	Cwt.	14	15	9
Egypt—				
Gas mantles	Gross	5,093	7,722	6,941
United States—				
Monazite sand and thorite	Long ton	1,160	542	300
Argentina—				
Gas mantles.. ..	Gross	5,106	7,598	8,409
Brazil (total imports)—				
Gas mantles	Cwt.	11	12	5

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.	1935	1936	1937
BRITISH EMPIRE			
Southern Rhodesia (estimated) ..	12	14	2
Canada	61,838	75,777	100,404
Burma (b)	1,465	1,292	1,200
Total	63,300	77,100	101,600
FOREIGN COUNTRIES			
Germany	268	(a)	(a)
Greece (e)	1,091	1,235	(a)
Norway	1,216	1,251	863
U.S.S.R.	1,800	(a)	(a)
Egypt	—	—	14
Morocco (French)	205	146	250
United States (d)	143	96	196
Brazil	5	470	102
New Caledonia (c)	8,100	4,820	6,600
Total	12,800	10,000	11,500
WORLD'S TOTAL	76,100	87,000	113,000

(a) Information not available.

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

(c) Estimated content of matte and ferro-nickel obtained at smelters was as follows:—

1935 6,000 long tons.

1936 4,650 " "

(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:—

1935 1,750 long tons.

1936 1,754 " "

1937 2,143 " "

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

EXPORTS OF NICKEL
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Cubes, rondels, etc.	9,850	10,672	12,261
Plates, sheets, etc... ..	181	140	191
Ingots, sheets, wire, etc. (alloys)	896	1,067	1,430
Scrap and alloyed	(a)	(a)	882
Nickel oxide	37	39	47
Canada—			
Ore, matte, etc. (<i>Ni content</i>) ..	26,100	27,511	36,075
Nickel, fine	36,441	47,631	61,095
Nickel oxide (<i>Ni content</i>) ..	1,176	2,375	2,280
Hong Kong (including re-exports)—			
Nickel	2	19	2
FOREIGN COUNTRIES			
Austria—			
Crude, scrap and alloys	92	13	13
Sheets, tubes, etc., and alloys ..	1,120	820	1,078
Belgium-Luxemburg E.U.—			
Ingots, scrap, etc.	549	89	220
Sheets, wire, etc.	1,498	696	2,138
Czechoslovakia—			
Crude and scrap	18	34	63
Plates and sheets	9	20	46
Denmark—			
Sheets, rods, wire and alloys ..	3	4	15
France—			
Ore	9	—	—
Matte and speiss	14	74	2
Ingots	2,122	1,130	603
do. (alloys)	16	6	30
Sheets and wire	9	6	16
do. (alloys)	170	55	82
Germany—			
Nickel and chrome ores	16	355	15
Crude, scrap and coin	148	55	84
Bars, sheets, wire, etc.	243	223	295

(a) Information not available.

EXPORTS OF NICKEL (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Greece—			
Ore	(b)	(b)	(b)
Hungary—			
Crude, scrap, wire and alloys ..	5	10	5
Italy—			
Sheets, tubes, wire and alloys ..	12	7	3
Scrap	114	—	—
Netherlands—			
Crude and scrap	922	1,778	1,871
Norway—			
Ingots	5,683	5,947	6,754
Spain—			
Ingots, sheets, tubes, wire and alloys	2	(a)	(a)
Sweden—			
Crude	3	6	2
Switzerland—			
Crude, scrap, and alloys	342	186	315
Bars, sheets, etc., and alloys ..	505	423	437
United States—			
Bars, rods, sheets and alloys ..	1,541	3,070	3,408
Nickel-silver bars, etc.	298	424	365
Brazil—			
Ore	54	4,708	4,105
New Caledonia—			
Ore	1	5,409	17,681
Matte, etc.	6,928	5,979	6,722

(a) Information not available.

(b) Not separately recorded in trade returns. Imports into Germany from Greece were as follows:—

1935	18,952 long tons.
1936	5,200 " "
1937	— " "

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)—			
Ore, concentrates and matte	(a)	(a)	27,843
Cubes, rondels, etc.	4,178	3,462	10,633
Plates, sheets, etc.	17	18	17
Ingots, sheets, etc. (alloys)	1,020	1,848	2,094
Nickel mass	17	48	48
Nickel oxide	128	108	141
Eire—			
Nickel, alloys and manufactures	12	7	11
Canada—			
Ingots or blocks and alloyed	2	4	9
Bars, rods, sheets, etc.	199	343	366
do. (alloyed)	55	69	64
British India—			
Nickel-silver	1,347	1,230	1,223
Hong Kong (total imports)—			
Nickel	9	20	21
Australia—			
Ingots, sheets, scrap, etc.	73	82	229
FOREIGN COUNTRIES			
Austria—			
Crude, scrap and alloyed	1,117	1,166	2,440
Sheets, tubes, etc., and alloyed	52	60	70
Belgium-Luxemburg E.U.—			
Ingots, scrap, etc.	1,012	1,066	1,107
Sheets, wire, etc.	145	188	359
Czechoslovakia—			
Crude and scrap	807	1,733	2,201
Plates and sheets	66	63	65
Denmark—			
Crude and scrap	79	102	76
Bars, sheets, wire and alloys	103	113	77

(a) Information not available.

(b) Canada records exports to the United Kingdom of nickel contained in ore, matte and speiss as follows:—1935, 15,540 long tons; 1936, 13,831 long tons; 1937, 19,743 long tons.

IMPORTS OF NICKEL (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Finland (total imports)—			
Crude and scrap	6	22	14
France—			
Ore	—	135	90
Matte and speiss	6,756	4,862	4,892
Ingots	2,519	1,893	2,596
do. (alloys)	111	11	52
Sheets and wire	237	270	339
do. (alloys)	426	505	743
Nickel sulphate and oxide	919	1,073	1,227
Germany—			
Ore	28,555	17,372	19,674
Crude, scrap and coin	5,983	3,339	3,312
Bars, sheets, wire, etc.	150	154	243
Greece	5	6	15
Hungary—			
Crude, scrap and alloys	274	330	243
Bars and wire	102	92	93
Italy—			
Ingots, scrap and alloyed	3,648	3,490	2,797
Sheets, tubes, wire, etc., and alloyed	370	281	348
Latvia—			
Ingots, sheets and tubes	8	4	10
Netherlands—			
Crude and scrap	984	1,769	2,464
Norway—			
Crude, bars, rods, etc.	15	40	27
Matte (copper-nickel)	8,878	9,078	11,790
Poland—			
Ingots, sheets, scrap, etc.	384	508	768
Portugal	9	3	(a)
Roumania—			
Crude, sheets and wire	29	66	79
Spain—			
Ingots and cubes	299	(a)	(a)
Sheets, tubes, wire and alloys	84	(a)	(a)
Sweden—			
Crude	1,312	1,501	1,825
Switzerland—			
Crude, scrap, and alloyed	749	406	866
Bars, sheets, etc., and alloyed	404	386	577

(a) Information not available.

IMPORTS OF NICKEL (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
U.S.S.R.—			
Ingots, etc.	5,494	7,101	8,933
Yugoslavia—			
Crude, scrap and coin	4	11	21
Bars, sheets, wire, etc. . . .	27	20	30
Algeria—			
Sheets, wire and alloys	12	6	3
Egypt (total imports)—			
Crude, bars, sheets, etc. . . .	35	55	34
Morocco (French)—			
Crude, bars, sheets and alloys . .	—	—	9
United States—			
Ore and matte	7,109	10,355	11,221
Crude, etc., and alloys	26,276	35,950	36,469
Nickel oxide	408	1,138	913
Argentina—			
Sheets	22	16	20
Brazil (total imports)—			
Cubes and sheets	80	86	128
Chile—			
Bars and plates	58	19	39
China	48	59	65
French Indo-China	3	2	4
Iran (total imports) (<i>b</i>)—			
Ingots, bars, etc.	49	101	173
Japan (total imports)—			
Ingots and grains	3,334	2,504	(<i>a</i>)
Other nickel	30	34	(<i>a</i>)
Netherlands East Indies—			
Crude, alloys, etc.	3	6	8
Philippine Islands	4	1	1
Siam	7	2	5
Turkey—			
Ingots, bars, sheets, alloys, etc.	46	13	14

(*a*) Information not available.

(*b*) Years ended June 21.

NITROGEN COMPOUNDS

PRODUCTION OF NITRATES (NATURAL)

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
India—			
Nitrate of potash (estimated) ..	9,600	8,800	8,900
FOREIGN COUNTRIES			
Egypt—			
Nitrate shale (7% nitrate) ..	15,725	14,009	11,126
Chile (c)—			
Nitrate of soda	1,199,725	1,284,606	(a)

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

(a) Information not available.

(c) Figures refer to the years ended June 30 of the year following that stated. The estimated outputs for the calendar years were:—

1935	1,130,000 long tons.
1936	1,250,000 " "
1937	1,420,000 " "

ESTIMATED PRODUCTION OF MANUFACTURED NITROGEN COMPOUNDS.*
(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Great Britain—			
Ammonium salts expressed as sulphate (25½% NH ₃) (b) ..	617,200	623,700	708,200
Eire—			
Ammonium sulphate	2,300	2,400	2,300
Union of South Africa—			
Ammonium sulphate (c)	838	621	(a)
Canada—			
Ammonium sulphate	60,179	88,152	80,516
Ammonium phosphate (c)	21,781	30,777	(a)
Cyanamide (c)	95,588	136,552	(a)
India—			
Ammonium sulphate	15,398	17,603	18,150
Australia—			
Ammonium sulphate (c)	19,167	17,541	21,686
FOREIGN COUNTRIES			
Austria—			
Ammonium sulphate	4,976	6,212	(a)
Ammonium carbonate	34	57	(a)
Aqueous ammonia	630	631	(a)
Ammonia liquor	208	221	(a)
Belgium—			
Ammonium sulphate	242,000	302,215	305,000
Cyanamide	20,000	24,000	24,300
Czechoslovakia—			
Ammonia fertilizers	82,200	77,653	83,271
Nitrate fertilizers	33,400	30,808	31,004
Denmark—			
Ammonium sulphate	(a)	322	(a)

* Includes by-product ammonium sulphate which is separately recorded as far as available on pages 87-90.

(a) Information not available.

(b) Actual ammonium sulphate production (basis 25½% NH₃) was:—

1935	422,000 long tons.
1936	373,000 " "
1937	512,000 " "

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

ESTIMATED PRODUCTION OF MANUFACTURED NITROGEN COMPOUNDS
(Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France—			
Saar—			
Ammonium sulphate	24,700	(d)	(d)
Other districts—			
Ammonium sulphate	296,000	229,000	330,000
Cyanamide	43,000	38,000	(a)
Nitrate of soda (c)	144,334	101,240	95,224
Nitrate of lime (c)	114,185	105,700	145,653
“ Ammonitrate ”	84,791	89,799	117,164
Germany (b)—			
Cyanamide	595,000	667,000	(a)
Ammonia products—			
Coke-ovens	430,439	471,203	(a)
Gas-works	16,051	14,000	(a)
Hungary—			
Ammonium sulphate	1,365	1,260	(a)
Aqueous ammonia	379	443	(a)
Italy—			
Ammonium sulphate	155,620	138,728	134,401
Cyanamide	185,541	201,025	158,059
Nitrate of soda	23,291	13,893	4,159
Nitrate of lime	99,820	61,928	92,243
Nitrate of ammonia	30,712	8,366	34,216
Ammonium sulphate nitrate	1,162	362	5
Di-ammonium phosphate	25,734	20,620	25,504
Netherlands—			
Ammonium sulphate	264,926	241,230	298,000
Nitrate of lime	44,200	50,700	30,000
Norway (years ended June 30)—			
Cyanamide	34,451	33,732	(a)
Nitrate of ammonia	6,142	1,364	(a)
Nitrate of lime	381,742	349,401	(a)
Nitrate of soda	36,751	11,476	(a)
Ammonium sulphate	6,200	5,500	(a)
Lime ammonium nitrate	10,628	22,189	(a)
Dolomite ammonium nitrate	31,181	25,938	(a)

(a) Information not available.

(b) The total production of Nitrogen in Germany (in terms of N) was 579,200 tons during 1935.

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

(d) Included with Germany.

ESTIMATED PRODUCTION OF MANUFACTURED NITROGEN COMPOUNDS
 (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Poland—			
Ammonium sulphate	60,802	58,330	63,307
Ammonium carbonate	427	560	(a)
Ammonium chloride	1,518	1,725	(a)
“ Wapnamon ”	3,601	4,117	3,815
Cyanamide	31,058	28,068	67,024
Nitrate of soda	4,624	2,478	5,008
Saletrzak	4,900	11,644	18,874
Nitrophos	2,025	4,726	2,041
Nitrate of ammonia	2,639	2,955	2,851
Nitrate of lime	40,487	41,230	55,800
Roumania—			
Cyanamide.. ..	1,000	502	(a)
Spain—			
Ammonium sulphate	17,000	(a)	(a)
Ammonia	2,000	(a)	(a)
Sweden—			
Ammonium sulphate	4,461	4,930	(a)
Ammonia (25%)	1,227	1,201	(a)
Nitrogen fertilizer (N content) ..	6,039	6,909	(a)
Switzerland (estimated)— ..			
Ammonium sulphate	2,700	3,000	(a)
Cyanamide (estimated)	10,000	10,000	12,600
U.S.S.R. (estimated)—			
Fertilizer Nitrogen (N content)..	90,000	120,000	120,000
Industrial Nitrogen (N content)	15,000	18,000	20,000
Yugoslavia—			
Cyanamide (estimated)	25,000	32,000	42,000
United States—			
Sulphate equivalent of ammonia produced (coke-ovens)	486,886	619,948	693,671
Japan and Korea—			
Ammonium sulphate	946,045	1,249,972	1,324,548
Cyanamide (b)	201,734	199,951	284,055
Korea —			
Ryu-rin-an (c)	94,300	125,400	150,900
Ryu-ka-rin-an (d)	(a)	(a)	13,000
“ Manchoukuo ”—			
Ammonium sulphate	120,000	176,635	177,032

(a) Information not available.

(b) Net output for sale, i.e. excluding the amount converted into ammonium sulphate.

(c) Ammonium phosphate fertilizer.

(d) Ammonium phosphate fertilizer mixed with potash.

ESTIMATED WORLD PRODUCTION AND CONSUMPTION OF NITROGEN

(In terms of pure Nitrogen)

(Long tons)

Production.	1935	1936	1937
By-product sulphate of ammonia ..	349,000	389,000	426,000
Synthetic sulphate of ammonia ..	581,000	661,000	714,000
Cyanamide	250,000	275,000	294,000
Nitrate of lime	155,000	165,000	188,000
Other forms of synthetic nitrogen (b)	666,000	785,000	929,000
Other forms of by-product nitrogen (b)	45,000	39,000	26,000
Chilean nitrate of soda	186,000	197,000	224,000
Total production	2,232,000	2,511,000	2,801,000
<hr/>			
Consumption.			
Manufactured nitrogen	1,997,000	2,319,000	2,583,000
Chilean nitrate of soda	203,000	225,000	244,000
Total consumption	2,200,000	2,544,000	2,827,000
Agricultural consumption .. <i>about</i>	1,910,000	2,200,000	2,470,000

NOTE.—Fertilizers are included in this table under the final form as sold.

(b) Including nitrogen products used for industrial purposes, also ammonia in mixed fertilizers.

EXPORTS OF NITROGEN COMPOUNDS

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Nitrate of potash	1,564	1,255	958
Nitrate of soda	9,641	8,441	533
Nitrate of lime	8	4	8
Ammonium sulphate	253,881	215,413	311,771
Ammonium chloride	5,147	4,901	5,475
Ammonium nitrate	15,719	17,008	5,310
Liquid ammonia	263	373	419
Anhydrous ammonia	574	692	902
Canada—			
Ammonium sulphate	40,228	76,638	50,434
Cyanamide	101,363	114,115	130,554
British India—			
Nitrate of potash	8,663	8,140	8,357
Ammonium sulphate	7,376	3,232	1,919
British Malaya (including re-exports)—			
Nitrate of potash	293	368	345
Other nitrogen fertilizers	595	1,038	2,294
Hong Kong (including re-exports)—			
Nitrate of potash	666	536	803
Nitrate of soda	20	—	—
Ammonium sulphate	44,460	82,213	93,263
Ammonium chloride	203	297	336
Anhydrous ammonia	6	4	—
Australia—			
Ammonium sulphate	162	345	52
New Zealand—			
Liquid ammonia (<i>£ New Zealand</i>)	(£46)	—	—
FOREIGN COUNTRIES			
Austria—			
Nitrate of potash	242	233	347
Nitrate of soda	29	49	—
Ammonium sulphate	888	2	—
Liquid ammonia	9	9	4

EXPORTS OF NITROGEN COMPOUNDS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgium-Luxemburg E.U.—			
Nitrate of potash	167	3	264
Nitrate of soda	1,364	1,003	9,488
Nitrate of lime	7	409	38
Ammonium sulphate	100,172	141,259	187,603
Ammonium chloride	506	2,180	2,883
Ammonium nitrate	2,281	7,511	6,985
Cyanamide	278	870	213
Liquid ammonia	386	401	383
Czechoslovakia—			
Nitrate of potash	19	40	2
Nitrate of soda	23	18	23
Ammonium sulphate	198	130	4,121
Ammonium chloride	402	427	417
France—			
Nitrate of potash	1,662	1,647	2,261
Nitrate of soda	735	1,263	615
Nitrate of lime	504	981	1,454
Ammonium sulphate and nitrate	22,955	20,503	24,992
Cyanamide	178	990	410
Liquid ammonia	225	371	294
Germany—			
Nitrate of potash	27,552	30,571	32,014
Nitrate of soda	11,532	9,799	25,429
Nitrate of lime, etc.	136,394	113,580	221,003
Ammonium sulphate	434,557	302,585	350,943
Ammonium chloride	16,598	13,195	12,067
Ammonium nitrate, etc.	4,151	40,276	63,712
Cyanamide	47	20	9,373
Liquid ammonia	4,511	7,162	5,032
Hungary—			
Ammonium sulphate, etc. (b) ..	27,327	27,569	27,010
Liquid ammonia	21	27	48
Italy—			
Nitrate of potash	1	1	6
Nitrate of soda	35	28	29
Nitrate of lime	37	52	37
Ammonium nitrate	—	5	70
Ammonium sulphate	184	691	1,137
Cyanamide	28	25	58
Liquid ammonia	8	14	15

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

EXPORTS OF NITROGEN COMPOUNDS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Latvia—			
Nitrate of soda	46	1	—
Netherlands—			
Nitrate of potash	49	79	41
Nitrate of soda (b)	58	301	324
Nitrate of lime	(b)17,299	5,144	4,150
Ammonium sulphate	(b)263,099	179,649	243,737
Ammonium chloride	1	2	5
Ammonium nitrate, etc.	39	148	548
Cyanamide	(b)444	—	—
Norway—			
Nitrate of soda	27,693	19,401	37,436
Nitrate of lime	348,056	420,802	348,574
Ammonium sulphate	102	6,519	1,840
Ammonium nitrate	1,639	2,380	7,986
Cyanamide	33,934	29,302	33,671
Poland—			
Nitrate of potash	492	592	659
Nitrate of soda	184	78	360
Nitrate of lime	12,183	12,770	467
Ammonium chloride	1,216	1,218	1,793
Ammonium nitrate	340	498	—
Ammonium sulphate	55,389	32,354	63,006
Cyanamide	2,479	2,799	2,528
Spain—			
Nitrates of potash, soda and lime	212	(a)	(a)
Ammonium sulphate	9	(a)	(a)
Sweden—			
Nitrates of potash, soda and lime..	6	6	9
Liquid ammonia	62	14	5
Switzerland—			
Nitrate of potash (crude)	16,916	20,948	18,956
Nitrates of potash and soda (purified)	841	—	—
U.S.S.R.—			
Nitrates of potash and soda	271	413	} 43,341
Ammonium sulphate	13,364	25,637	
Ammonium nitrate	117	—	
Yugoslavia—			
Cyanamide	18,187	34,773	21,536

(a) Information not available.

(b) Including re-exports.

EXPORTS OF NITROGEN COMPOUNDS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Nitrates of lime and soda ..	—	1	2
Ammonium sulphate	8	22	8
Cyanamide	—	—	98
United States—			
Ammonium sulphate	78,426	105,782	73,916
Other nitrogen fertilizers ..	148,935	139,177	141,113
Chile—			
Nitrate of soda	1,269,178	1,380,450	1,586,384
Formosa—			
Ammonium sulphate	1,272	3,949	(a)
Japan—			
Nitrate of potash	(a)	(a)	746
Nitrate of soda	(a)	(a)	585
Ammonium sulphate	5,897	17,467	7,089
Cyanamide	1,648	1,255	706
“Manchoukuo”—			
Ammonium sulphate	97,758	174,283	153,737

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Nitrate of potash	9,323	3,877	3,546
Nitrate of soda	32,034	44,336	39,469
Nitrate of lime	4,599	4,955	5,172
Cyanamide	2,857	2,145	3,975
Ammonium sulphate	30	38	26
Ammonium chloride	1,701	2,185	2,272
Ammonium nitrate	935	1,149	5,590
Anhydrous ammonia	42	37	28
Eire—			
Nitrate of potash	298	214	245
Nitrate of soda	1,304	1,915	1,933
Ammonium sulphate	25,415	28,858	25,379
Anhydrous ammonia	20	8	10
Other ammonium salts	412	603	(a)
Anglo-Egyptian Sudan—			
Ammonium sulphate	745	1,231	1,965
Mauritius—			
Nitrate of potash	3,893	3,701	4,483
Nitrate of soda	140	576	990
Ammonium sulphate	9,664	13,473	12,199
Nitrophoska, etc.	643	532	633
Northern Rhodesia—			
Nitrates	253	102	103
Southern Rhodesia—			
Nitrates	76	65	80
Anhydrous ammonia	9	10	9
South West Africa—			
Anhydrous ammonia	5	5	7
Union of South Africa—			
Nitrate of potash	106	44	85
Nitrate of soda	6,203	13,419	10,674
Ammonium sulphate	13,782	11,672	13,533
Ammonium chloride	180	152	194
Ammonium nitrate	6,942	7,753	11,276
Anhydrous ammonia	161	168	159
British Guiana—			
Nitrogen fertilizers	10,267	9,960	11,148

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Canada—			
Nitrate of potash	621	657	1,122
Nitrate of soda	19,827	27,325	25,118
Ammonium sulphate	3,822	5,115	2,884
Ammonium chloride	1,238	1,337	2,452
Ammonium nitrate	1,349	1,822	4,616
British West Indies—			
Barbados—			
Nitrate of soda	110	204	191
Ammonium sulphate	6,959	6,550	6,879
St. Vincent—			
Ammonium sulphate	536	462	643
Trinidad and Tobago—			
Ammonium sulphate	5,956	7,926	6,930
British India—			
Nitrate of soda	2,208	2,539	3,005
Ammonium sulphate	44,029	58,417	48,136
Ammonium phosphate	2,213	6,082	3,081
Ammonium chloride	2,667	(c)1,085	1,660
Other ammonium salts		1,271	1,122
Anhydrous ammonia	130	148	127
Other nitrogen fertilizers	210	1,300	424
British Malaya (total imports)—			
Nitrate of potash	315	454	310
Other nitrogen fertilizers	8,279	11,891	38,151
Burma—			
Nitrogen fertilizers	(b)	(b)	(b)597
Ammonium sulphate	(b)	(b)	(b)749
Ammonium chloride	(b)	(b)	(b)11
Ceylon—			
Nitrate of potash refuse	1,175	1,073	1,347
Nitrate of soda	401	372	592
Ammonium sulphate	25,578	25,150	33,751
Cyanamide	348	650	1,850
Cyprus—			
Ammonium chloride	5	3	3
Hong Kong (total imports)—			
Nitrate of potash	842	496	1,507
Nitrate of soda	131	165	90
Ammonium sulphate	36,411	83,118	117,697
Ammonium chloride	617	804	1,404
Anhydrous ammonia	24	13	10

(b) Included with India prior to April 1, 1937.

(c) April to December only.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Palestine—			
Nitrogen fertilizers	(a)	3,597	3,976
Australia—			
Nitrate of potash	467	335	310
Nitrate of soda	3,393	4,504	8,619
Ammonium chloride	1,280	1,240	1,461
Ammonium sulphate	18,592	31,660	31,558
New Zealand—			
Nitrate of potash	88	75	(a)
Nitrate of soda	1,716	1,620	(a)
Ammonium sulphate	5,241	5,384	(a)
Ammonium chloride	84	85	(a)
Anhydrous ammonia	38	16	(a)
FOREIGN COUNTRIES			
Austria—			
Nitrate of soda	2,917	2,615	5,702
Nitrate of lime	5,722	7,823	11,171
Nitrophoska	3,199	4,702	6,787
Cyanamide	7,860	8,571	8,305
Ammonium nitrate	1,130	794	1,483
Ammonium sulphate	13	1	32
Ammonium chloride	108	135	105
"Leuna" nitrate	3	—	—
Lime ammonium nitrate	3,423	2,883	4,207
Belgium-Luxemburg E.U.—			
Nitrate of potash	1,371	2,173	1,677
Nitrate of soda	54,373	54,269	46,152
Nitrate of lime	1,708	1	811
Cyanamide	14,925	19,886	7,465
Ammonium sulphate	121	766	75
Ammonium chloride	1,157	841	577
Ammonium nitrate	45	6	9
Bulgaria—			
Nitrate of potash	120	60	125
Nitrate of soda	254	236	571
Ammonium nitrate, etc.	180	250	277
Ammonium chloride	98	100	86
Liquid ammonia	17	35	17

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Nitrate of potash	1	9	1
Nitrate of soda	10,491	9,867	10,482
Ammonium sulphate	—	1	—
Ammonium chloride	50	31	8
Cyanamide, etc.	31	23	25
Denmark—			
Nitrate of potash	800	470	304
Nitrate of soda	45,254	49,712	50,408
Nitrate of lime	93,979	113,573	100,614
Ammonium sulphate	38,085	42,638	35,638
Ammonium chloride	380	441	402
Ammonium nitrate	36	38	34
Cyanamide	2,155	2,131	1,689
Nitrophoska	1,001	1,369	1,767
Estonia—			
Nitrate of potash	32	34	38
Nitrate of soda	810	285	603
Nitrate of lime	1,606	2,376	3,144
Ammonium sulphate	416	435	524
Ammonium chloride	15	20	33
Cyanamide	187	382	512
Nitrophoska	148	182	187
Finland (total imports)—			
Nitrate of potash	44	83	65
Nitrate of soda	5,409	2,703	9,242
Nitrate of lime	22,483	22,566	34,536
Ammonium nitrate	350	353	406
Ammonium sulphate	2,862	2,358	4,967
Ammonium chloride	31	30	34
Liquid ammonia	24	4	12
France—			
Nitrate of potash	2	—	—
Nitrate of soda	87,746	66,370	124,600
Ammonium nitrate	1	1	1
Ammonium sulphate	31	31	44,789
Liquid ammonia	19	11	5
Germany—			
Nitrate of soda	83,046	90,598	103,488
Nitrate of lime, etc.	26	1	2
Ammonium sulphate	4,282	—	—
Ammonium chloride	16	8	—
Liquid ammonia	44	43	10

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Greece—			
Nitrate of potash	138	64	245
Nitrate of soda	2,830	3,603	4,801
Ammonium nitrate	270	374	499
Ammonium sulphate	10,704	14,353	15,928
Hungary—			
Nitrates of soda and lime	158	159	189
Ammonium sulphate, etc.	6	14	4
Iceland—			
Nitrate of potash	6	(a)	(a)
Nitrate of lime	1,156	(a)	(a)
Italy—			
Nitrate of potash	752	845	556
Nitrate of soda	38,947	62,639	80,860
Nitrate of lime	—	—	48,216
Ammonium sulphate	22	—	94,054
Ammonium chloride	101	109	118
Cyanamide	2,166	4,301	30,123
Latvia—			
Nitrate of potash	53	50	52
Nitrate of soda	7,224	3,997	6,529
Nitrate of lime	8,640	7,506	13,172
Nitrophoska	882	1,321	1,802
Ammonium sulphate	2,161	3,222	4,176
Ammonium chloride	54	24	65
Ammonium nitrate	34	29	98
Lime ammonium nitrate	491	274	1,494
Lithuania—			
Nitrate of potash	13	46	62
Nitrate of soda	123	3,022	75
Nitrate of lime	1,659	2,880	3,157
" Leuna " nitrate	—	98	74
Nitrophoska	1	50	47
Ammonium sulphate	197	432	112
Netherlands—			
Nitrate of potash	2,091	718	2,690
Nitrate of soda	45,438	43,662	58,149
Nitrate of lime	2	21	—
Ammonium sulphate	53	3,003	326
Ammonium chloride	279	350	486
Ammonium nitrate	1,319	1,910	2,959
Lime ammonium nitrate	1	46,217	42,595
Cyanamide	13,874	16,768	26,052

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Norway—			
Nitrate of potash	75	133	166
Nitrate of soda	25	310	1,013
Nitrophoska	411	55	6,777
Ammonium sulphate	11	50	1
Ammonium nitrate	85	5	99
Poland—			
Nitrates of potash and soda	—	—	5
Ammonium sulphate	4,162	1,985	2,707
Ammonium chloride	—	44	104
Portugal—			
Nitrate of potash	647	80	(a)
Nitrate of soda	2,720	4,130	5,872
Nitrate of lime	729	346	(a)
Ammonium sulphate	51,004	53,383	60,779
Ammonium chloride	34	26	(a)
Ammonium nitrate	236	207	(a)
Cyanamide	3,761	2,478	4,277
Roumania—			
Nitrate of potash	129	80	138
Nitrate of soda	374	275	605
Ammonium nitrate	515	103	474
Ammonium sulphate	294	390	487
Ammonium chloride	153	262	168
Liquid ammonia	95	18	14
Spain—			
Nitrate of soda (Chilean)	143,509	(a)	(a)
Nitrates of potash, soda and lime	89,277	(a)	(a)
Ammonium sulphate	388,541	(a)	(a)
Cyanamide	933	(a)	(a)
Sweden—			
Nitrate of potash	454	553	582
Nitrate of soda	40,963	53,659	47,224
Nitrate of lime	53,153	65,295	53,476
Ammonium nitrate	73	51	25
Ammonium sulphate	1,722	4,432	1,559
Ammonium chloride	404	458	578
Liquid ammonia	11	4	30
Switzerland—			
Nitrate of potash, crude	2	3	—
Nitrate of soda (Chilean)	960	405	2,439
Nitrates of potash and soda, purified	815	912	1,568

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Switzerland—(cont.)			
Ammonium sulphate, etc. ..	654	319	70
Ammonium chloride	201	225	199
Liquid ammonia	5	3	2
Yugoslavia—			
Nitrate of potash	23	42	14
Nitrate of soda	296	586	1,013
Ammonium sulphate	179	286	221
Ammonium chloride	165	163	134
Ammonium nitrate	777	1,896	2,766
Liquid ammonia	199	220	113
Algeria—			
Nitrate of potash	63	261	198
Nitrate of soda	354	1,049	402
Nitrate of lime	350	823	1,070
Ammonium sulphate	4,483	6,296	16,307
Cyanamide	91	434	387
Liquid ammonia	54	39	38
Egypt—			
Nitrate of soda	188,514	202,519	257,422
Nitrate of lime	236,374	173,404	194,737
Ammonium sulphate	14,941	17,810	16,083
Ammonium chloride	392	323	450
Cyanamide	592	545	697
Sulpho-nitrate of ammonia ..	5,154	15,390	5,545
Ammonium nitrate	22,893	19,267	24,626
Morocco (French)—			
Nitrate of potash	1	—	35
Nitrate of soda	134	117	271
Nitrate of lime	74	20	158
Ammonium sulphate	918	994	1,548
Ammonium nitrate	(a)	(a)	260
Cyanamide	—	10	—
Other nitrogen fertilizers ..	6	233	11
Morocco (Spanish)—			
Nitrate of soda	(a)	26	(a)
Ammonium sulphate	(a)	8	205
Madagascar—			
Nitrate of potash	78	286	197
Nitrate of soda	35	72	49
Ammonium sulphate	347	254	597
Cyanamide	5	—	—

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Mozambique—			
Ammonium sulphate	59	3	45
Réunion—			
Ammonium sulphate	1,712	—	—
Tunis—			
Nitrate of potash	27	22	42
Nitrate of soda	137	69	207
Nitrate of lime	—	502	20
Ammonium sulphate	132	889	1,374
Cuba—			
Nitrates of potash and soda ..	1,708	1,862	(a)
Guatemala—			
Nitrate of potash	11	53	—
Mexico—			
Nitrates of potash and soda ..	7,367	3,398	9,886
Ammonium sulphate	4,927	5,861	4,015
Ammonium chloride	216	256	301
United States—			
Nitrate of potash	41,076	59,960	67,931
Nitrate of soda	389,145	469,385	626,462
Nitrate of lime	23,143	36,959	40,612
Ammonium sulphate	79,062	153,273	82,853
Ammonium chloride	3,507	4,144	3,772
Ammonium nitrate	33,101	57,005	69,297
Cyanamide	100,233	112,863	123,417
Argentina—			
Nitrate of potash	178	125	161
Nitrate of soda	1,772	2,389	3,924
Ammonium sulphate	196	197	598
Liquid ammonia	11	20	26
Anhydrous ammonia	744	662	565
Brazil (total imports)—			
Nitrate of potash	4,844	5,559	10,032
Liquid ammonia	45	26	43
Chile—			
Liquid ammonia	15	11	21
Ammonium chloride	59	99	131
Ammonium sulphate	8	1	4
Ammonium nitrate	1,909	1,868	1,109

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Colombia—			
Nitrate of potash	(a)	53	2
Nitrate of soda	(a)	15	84
Nitrate of lime	(a)	189	(a)
Ammonium chloride	(a)	7	7
Ammonium sulphate	(a)	301	298
Peru—			
Liquid ammonia	34	36	71
Uruguay—			
Nitrates of potash and soda	190	132	(a)
Ammonium sulphate	3	14	(a)
Ammonium chloride	20	35	(a)
Liquid ammonia	118	53	(a)
Venezuela—			
Nitrate of potash	79	81	(a)
China—			
Nitrate of potash	399	264	902
Nitrate of soda	1,838	1,660	2,014
Ammonium sulphate	67,547	122,042	160,853
Ammonium chloride	944	2,108	2,028
Liquid ammonia	42	33	19
Formosa—			
Ammonium sulphate	146,420	171,601	(a)
Cyanamide	—	2,190	(a)
French Indo-China—			
Nitrate of potash	52	49	96
Nitrate of soda	2	3	2
Ammonium sulphate	1,570	2,833	5,566
Ammonium nitrate	21	50	109
Liquid ammonia	10	33	14
Cyanamide	739	1,296	3,698
Japan (total imports)—			
Nitrate of soda	61,538	79,825	42,995
Ammonium sulphate	234,830	309,170	220,667
Ammonium chloride	887	1,071	865
Korea (total imports)—			
Ammonium sulphate	5,729	34,495	35,789
Cyanamide	35,220	46,040	34,578
“Manchoukuo”—			
Nitrate of soda	1,348	920	2,646
Ammonium sulphate	363	683	1,610

(a) Information not available.

IMPORTS OF NITROGEN COMPOUNDS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands East Indies—			
Nitrate of potash	146	163	408
Nitrate of soda	28	61	38
Ammonium sulphate	40,445	68,087	102,107
Ammonium chloride	56	212	336
Liquid ammonia	342	450	1,947
Philippine Islands—			
Nitrate of soda	1,729	32	—
Ammonium sulphate	33,862	46,241	35,366
Anhydrous ammonia	(£3,200)	(£3,800)	(£4,600)
Syria and Lebanon—			
Nitrates	1,065	999	1,500
Ammonium chloride	—	—	39
Liquid ammonia	11	12	5
Turkey—			
Nitrate of soda	1,187	797	1,297
Ammonium chloride	235	271	353

PETROLEUM AND ALLIED PRODUCTS

PRODUCTION OF CRUDE PETROLEUM

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (c) (estimated) ..	118,000	119,000	124,000
Canada (b)	183,116	189,921	372,627
Barbados	410	340	284
Trinidad (b)	1,598,798	1,813,292	2,123,697
Bahrein Islands	180,700	663,600	1,108,900
British Borneo—			
Brunei	441,744	451,621	566,908
Sarawak	253,714	222,452	209,894
Burma (b)	970,421	1,025,367	1,060,480
India (b)	275,380	267,342	292,115
New Zealand	760	649	549
Australia (Victoria)	18	15	38
Total ..	4,020,000	4,750,000	5,860,000
FOREIGN COUNTRIES			
Albania	6,055	51,000	70,000
Austria	6,512	7,348	32,379
Czechoslovakia	19,631	18,369	17,500
Estonia (Shale oil)	46,526	62,454	110,126
France (c)	74,632	78,087	76,086
Germany	420,611	437,631	444,891
Italy (c)	15,725	15,852	14,124
Poland	506,630	502,500	496,000
Roumania	8,243,729	8,539,412	7,040,000
U.S.S.R.	24,841,300	26,980,000	27,380,000
Yugoslavia	256	135	(a)
Algeria	338	292	275
Egypt	179,129	179,638	168,162
Morocco (French)	108	154	2,368

(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 7·3, Bahrein Islands 7·0, Burma 7·4, India 7·4.

(c) Including shale-oil.

PRODUCTION OF CRUDE PETROLEUM (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Mexico (b)	6,096,170	6,107,424	7,107,100
United States (b)	134,675,100	148,606,400	172,655,800
Argentina (d)	2,009,994	2,173,207	2,299,275
Bolivia	23,328	14,752	17,400
Colombia (b)	2,473,500	2,640,700	2,858,000
Ecuador	241,000	334,431	313,606
Peru	2,217,424	2,286,979	2,268,093
Venezuela	21,640,000	22,582,910	27,295,907
Formosa (estimated)	6,000	6,000	6,000
Iran	7,487,697	8,198,119	10,167,795
Iraq	3,624,137	3,947,535	4,187,826
Japan (b)	306,391	333,600	339,500
"Manchoukuo"	60,000	(a)	(a)
Netherlands East Indies	5,985,682	6,336,232	7,147,376
Sakhalin (U.S.S.R.)	148,300	183,000	211,500
Total	221,000,000	241,000,000	273,000,000
WORLD'S TOTAL	225,000,000	246,000,000	279,000,000

(a) Information not available.

(b) The following conversion rates have been used: 35 gallons = 1 barrel, and the undermentioned barrels = 1 ton:—Mexico 6·6, United States 7·4, Colombia 7·1, Formosa 7·0, Japan 7·2.

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

PRODUCTION OF NATURAL GAS*

(Thousand cubic feet)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (estimated)	7,000	7,000	7,000
Canada	24,910,786	28,113,348	32,380,991
British Borneo (Brunei)	464,704	940,455	2,830,000
FOREIGN COUNTRIES			
Austria	3,126	3,361	10,066
Czechoslovakia	48,458	45,850	51,525
France	8,546	8,299	9,076
Hungary	(a)	96,539	119,938
Italy	436,291	460,776	535,885
Poland	17,146,642	17,067,713	18,734,749
Roumania	63,993,234	101,496,466	(a)
U.S.S.R. (<i>long tons</i>) ..	1,530,500	1,830,000	(a)
Yugoslavia	49,480	52,376	(a)
Mexico	(a)	(a)	4,154,954
United States	1,916,595,000	2,167,802,000	2,370,000,000
Argentina	21,825,000	18,852,484	17,846,345
Venezuela (<i>long tons</i>)	1,317,467	1,289,936	4,903,672
Formosa	(b) 500,000	(a)	(a)
Japan	1,464,650	(a)	(a)
Netherlands East Indies (<i>long tons</i>)	1,077,655	1,227,844	1,122,979

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

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

(a) Information not available.

(b) Estimated.

PRODUCTION OF NATURAL ASPHALT, ETC.

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Barbados (exports of manjak) ..	27	11	8
Trinidad	134,578	111,965	145,904
FOREIGN COUNTRIES			
Italy	719	705	(a)
Poland (ozokerite)	353	435	480
Cuba	3,722	6,815	(a)
United States (sales)—		(a)	
Gilsonite	29,667	30,048	33,963
Wurtzilite	54	69	119
Argentina	493	734	(a)
Iraq (b)	50,992	30,043	13,358

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

(a) Information not available.

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

PRODUCTION OF ASPHALT ROCK

(Long tons)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES			
France	39,053	51,956	50,580
Germany	71,181	107,100	102,924
Italy	146,047	219,920	360,198
Switzerland (exports)	4,900	7,553	7,009
Yugoslavia	121	127	(a)
Egypt	167	—	—
United States (sales)	280,454	488,690	399,297
Netherlands East Indies	4,684	6,281	(a)
Syria.. .. .	10,000	5,700	4,892

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

(a) Information not available.

PRODUCTION OF OIL-SHALE

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	1,408,371	1,409,415	1,460,729
Australia	30	—	—
FOREIGN COUNTRIES			
Austria	345	295	645
Estonia	594,744	754,306	1,118,368
France	89,878	112,022	128,530
Germany (Bavaria)	7.6	860	(a)
Italy	12,440	17,764	3,862
U.S.S.R.	410,000	700,000	(a)
" Manchoukuo "	3,383,000	(a)	(a)

NOTE.—Oil-shale is also produced in Spain and China.

(a) Information not available.

PRODUCTION OF PETROLEUM REFINERY PRODUCTS IN CERTAIN
COUNTRIES
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom*—			
Motor spirit	438,603	410,652	387,626
Other spirit	65,764	58,803	74,354
Kerosene	121,978	135,142	142,556
Gas oil	197,192	243,185	184,154
Fuel and diesel oil	671,158	711,775	823,838
Lubricating oil	102,904	106,548	132,392
Other oils	—	277	1,314
Solid products	491,041	552,038	567,882
Canada*—			
Motor spirit	1,684,315	1,861,178	(a)
Other spirit	29,927	29,381	(a)
Kerosene	115,759	105,406	(a)
Gas oil, fuel oil, etc.	2,037,604	2,126,391	(a)
Lubricating oil	71,454	78,873	(a)
Grease	5,071	5,094	(a)
Paraffin wax and candles	5,017	5,066	(a)
Coke	64,456	57,773	(a)
Asphalt	157,639	158,571	(a)
Barbados—			
Motor spirit	440	500	380
Kerosene	640	380	480
Fuel oil	3,960	3,050	3,190
Bahrein Islands—			
Motor spirit	—	34,200	88,000
Kerosene	—	18,200	28,400
Diesel oil	—	28,000	88,700
Fuel oil	—	71,900	211,600
British Borneo (Sarawak)—			
Motor spirit	48,594	41,391	45,900
Aviation spirit	16,110	16,091	18,900
Kerosene	35,069	30,736	45,600
Fuel oil	406,699	388,022	469,100
Solar oil, etc.	190,542	192,230	199,400
Burma*(b)—			
Aviation spirit	9,557	8,524	9,561
Motor fuel	217,405	233,843	197,269

* See note on page 285.

(a) Information not available.

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

1935	10,893 long tons.
1936	12,840 " "
1937	18,376 " "

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

Producing Country.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Burma—(cont.)			
Turpentine substitute	1,572	1,840	1,616
Kerosene, etc.	477,940	497,989	532,638
Gas oil (solar oil)	1,353	340	678
Diesel oil	2,582	5,434	6,267
Fuel oil	21,509	18,629	17,684
Lubricating oil	44,769	59,340	62,442
Other oils	866	994	1,489
Paraffin wax	54,505	56,617	62,192
Asphalt	712	1,090	2,003
FOREIGN COUNTRIES			
Austria—			
Motor spirit	75,423	75,594	(a)
Kerosene	35,291	35,509	(a)
Gas-oil	11,047	11,102	(a)
Bulgaria—			
Motor spirit	3,100	4,125	3,841
Kerosene	1,800	6,578	4,792
Gas oil	1,600	3,405	2,974
Fuel oil	7,100	9,097	6,963
Czechoslovakia—			
Motor spirit	134,141	148,326	(a)
Kerosene	68,260	71,852	(a)
Gas oil	29,309	29,309	(a)
Lubricating oil	24,245	23,932	(a)
Paraffin wax	5,076	4,693	(a)
Estonia—			
Motor spirit	6,184	7,617	15,158
France—			
Motor spirit	1,487,333	1,144,011	(a)
White spirit	10,883	11,144	(a)
Other spirit	423,587	363,730	(a)
Kerosene	207,022	149,874	(a)
Gas oil	307,739	251,838	(a)
Fuel oil	1,976,921	1,793,418	(a)
Lubricating oil	269,745	164,374	(a)
Road oil	265,679	298,330	(a)
Paraffin wax	3,811	4,748	(a)
Coke	5,864	5,470	(a)

(a) Information not available.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Germany (b)—			
Motor spirit	567,900	863,900	(a)
Kerosene	51,300	55,000	(a)
Gas oil, etc.	360,900	424,900	(a)
Lubricating oil	203,800	265,900	(a)
Paraffin wax, jelly, etc.	19,861	26,100	(a)
Coke	42,800	49,200	(a)
Hungary—			
Motor spirit	55,320	58,890	64,989
Kerosene	59,190	65,500	66,391
Gas oil		30,700	80,174
Fuel Oil	43,040	28,110	
Lubricating oil	12,630	6,200	12,780
Paraffin wax, jelly, etc.	6,220			7,788
Italy—			
Motor spirit	101,443	128,340	287,201
Kerosene	49,081	40,490	128,018
Gas oil	32,670	38,492	132,797
Fuel oil	92,458	108,167	289,976
Lubricating oil	23,930	20,467	48,880
Transformer oil, etc.	4,638	6,778	10,557
Paraffin wax	537	584	2,267
Coke	19,385	26,199	31,784
Residuum	25,804	44,851	80,186
Latvia—			
Motor spirit	1,216	507	580
Kerosene	1,197	502	275
Fuel oil, etc.	1,971	248	93
Lubricating oils	2,169	1,106	721
Poland—			
Motor spirit	84,178	86,541	88,998
Kerosene	145,016	143,211	142,231
Gas oil and fuel oil	95,224	87,625	100,467
Lubricating oil	70,776	61,155	44,904
Greases	3,264	4,353	4,231
Paraffin wax	24,712	24,653	23,282
Coke and asphalt	24,322	27,725	28,812
Other products	13,752	7,386	15,985

(a) Information not available.

(b) Includes some oils distilled from coal.

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Roumania—			
Motor spirit	1,823,771	1,891,498	1,563,424
White spirit	223,415	236,866	239,474
Kerosene	1,121,815	1,033,085	855,842
Gas oil	1,206,795	1,260,396	977,379
Fuel oil (<i>b</i>)	2,788,624	2,745,673	2,294,287
Lubricating oil	80,895	61,819	48,058
Paraffin wax	7,697	7,865	8,290
Coke	33,835	37,902	19,877
Asphalt	66,934	80,482	62,535
Other products	31,554	36,185	33,596
Sweden—			
Motor spirit	10,115	11,550	(<i>a</i>)
Kerosene	1,845	1,166	(<i>a</i>)
Fuel oil, etc.	33,896	53,254	(<i>a</i>)
Asphalt	24,259	24,583	(<i>a</i>)
U.S.S.R.—			
Motor spirit	2,392,000	2,956,000	(<i>a</i>)
Other spirit	564,300	(<i>a</i>)	(<i>a</i>)
Kerosene	4,799,900	5,325,000	(<i>a</i>)
Gas oil	472,900	(<i>a</i>)	(<i>a</i>)
Fuel oil	8,433,000	(<i>a</i>)	(<i>a</i>)
Lubricating oil	1,323,800	(<i>a</i>)	(<i>a</i>)
Asphalt	217,300	(<i>a</i>)	(<i>a</i>)
Pitch	125,900	(<i>a</i>)	(<i>a</i>)
Paraffin wax	32,800	(<i>a</i>)	(<i>a</i>)
Yugoslavia—			
Motor spirit (estimated)	26,000	26,000	26,000
Canary Islands—			
Motor spirit	80,000	60,000	75,000
Kerosene	16,000	16,000	25,000
Gas oil	80,000	34,000	25,000
Fuel oil	180,000	137,000	110,000
Egypt—			
Motor spirit	73,488	83,126	84,328
Kerosene	25,415	28,765	18,360
Gas oil	11,104	16,542	20,940
Fuel oil	121,674	113,815	101,301
Diesel oil	15,471	11,436	8,747
Fluxing oil	656	753	298
Asphalt and coke	91,004	84,408	116,382

(*a*) Information not available.

(*b*) Excluding amount consumed at the refineries, as follows:—

1935	394,059 long tons.
1936	318,802 " "
1937	264,471 " "

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Cuba (b)—			
Motor spirit	43,850	43,700	(a)
Turpentine substitute	—	79	(a)
Kerosene	18,000	21,500	(a)
Gas oil and diesel oil	13,000	16,100	(a)
Fuel oil	—	17,400	(a)
Lubricating oil	1,950	2,300	(a)
Asphalt	5,814	3,000	(a)
Mexico—			
Motor spirit	977,085	1,102,370	1,384,600
Kerosene	243,604	182,507	216,500
Fuel oil	2,612,481	2,849,556	3,000,200
Gas oil	441,115	512,780	525,000
Lubricating oil	90,056	80,290	73,000
Paraffin wax	41,203	24,766	18,500
Asphalt	300,881	360,231	551,400
United States* (c)—			
Motor spirit	48,979,000	54,048,500	59,631,200
Kerosene	7,103,500	7,137,700	8,311,900
Gas oil and fuel oil distillates	14,032,900	17,626,800	20,538,800
Residual fuel oil	37,891,300	41,995,300	45,231,800
Lubricants	3,899,400	4,329,800	4,944,900
Paraffin wax	201,000	211,125	232,750
Coke	1,301,800	1,230,500	1,166,600
Asphalt	2,781,000	3,454,300	3,869,100
Road oil	844,200	1,035,700	1,099,400
Netherlands West Indies (exports)—			
Motor spirit	2,386,036	2,978,674	2,061,287
Kerosene	378,582	434,564	229,968
Gas oil	938,189	1,058,871	6,449,080
Fuel oil	10,392,062	11,003,258	13,181,803
Diesel oil	778,612	1,147,178	1,361,142
Lubricating oil	178,498	184,183	290,426
Asphalt	(a)	(a)	28,969

* See note on page 285.

(a) Information not available.

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

1935 (a)
1936 2,350 long tons.

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

1935 4,513,623 long tons.
1936 4,908,033
1937 5,571,311

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Argentina—			
Motor spirit	693,037	709,798	801,629
Aviation spirit	—	—	86
Kerosene	95,295	92,662	122,557
White spirit	2,265	4,747	11,990
Fuel oil	1,049,662	1,004,662	1,090,417
Gas oil	180,323	161,499	168,323
Diesel oil, etc.	104,440	178,351	242,843
Lubricating oil	44,961	43,960	50,254
Asphalt	20,759	26,638	} 164,652
Coke	67,437	74,457	
Bolivia—			
Aviation spirit	473	162	100
Motor spirit	8,315	5,208	4,900
Kerosene	91	101	110
Fuel oil	12,113	6,848	6,900
Colombia—			
Motor spirit	50,605	79,295	90,774
Other spirit	93	121	285
Kerosene	9,952	12,005	14,289
Gas oil	10,693	13,319	19,195
Fuel oil	134,477	206,270	241,206
Lubricating oil	3,946	3,097	3,606
Asphalt	3,440	4,512	6,102
Ecuador—			
Aviation spirit	5	—	—
Motor spirit	9,493	13,062	13,031
Kerosene	5,700	6,978	5,040
Diesel oil	4,997	5,693	5,208
Gas oil	417	426	1,263
Lubricating oil	278	548	303
Residuum	20,412	27,421	21,129
Peru(c)—			
Motor spirit	254,764	266,493	272,974
White spirit	221	(a)	(a)
Kerosene	158,482	133,873	116,858
Gas oil	108,243	108,629	99,021

(a) Information not available.

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

1935	137,373	long tons.
1936	155,576	” ”
1937	123,260	” ”

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

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Peru—(cont.)			
Fuel oil	254,345	257,206	260,223
Lubricating oil	4,503	4,540	3,536
Coke	266	310	376
Asphalt	1,136	4,540	12,511
Venezuela—			
Motor spirit	101,557	99,543	109,843
Kerosene	3,309	2,353	5,122
Gas oil	69,192	74,631	70,952
Fuel oil	925,313	1,009,198	1,033,339
Other products	1,400	9,667	17,484
Formosa—			
Motor spirit	5,800	(a)	(a)
Kerosene	2,000	(a)	(a)
Gas oil	1,600	(a)	(a)
Fuel oil	4,200	(a)	(a)
Lubricating oil	3,600	(a)	(a)
Iraq—			
Motor spirit	13,151	15,895	20,807
Kerosene	15,657	16,969	19,294
Gas oil	—	221	19,294
Fuel oil	57,747	57,765	72,118
Japan—			
Motor spirit	409,700	(a)	(a)
Kerosene	81,200	(a)	(a)
Gas oil	205,000	(a)	(a)
Fuel oil and diesel oil	193,500	(a)	(a)
Lubricating oil	239,300	(a)	(a)
Paraffin wax	12,451	(a)	(a)
Pitch	127,339	(a)	(a)
Asphalt	67,439	(a)	(a)
Netherlands East Indies—			
Motor spirit (b)	1,723,109	1,832,014	2,112,024
White spirit	36,410	62,877	73,856
Kerosene	803,371	972,483	1,072,885
Fuel oil, solar oil and diesel oil	2,039,617	2,182,166	2,663,824
Lubricating oil	22,578	22,912	32,013
Impregnating oils	6,020	4,992	8,011
Paraffin wax and ceresine	57,488	62,129	81,951
Asphalt	10,092	15,874	20,916

(a) Information not available.

(b) Includes benzine from natural gas as follows:—

1935 183,215 long tons.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS*
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Motor spirit	256,785	174,076	194,226
Other spirit	5,557	2,629	8,553
Kerosene	29,571	64,304	84,950
Gas oil	90,376	90,298	106,555
Fuel oil	70,948	87,095	66,264
do. (bunkers) (b)	1,264,726	1,228,191	1,396,935
Lubricating oil	51,157	46,240	55,955
Other refined oils	618	444	621
Mineral jelly	344	325	355
Paraffin wax	4,723	5,243	5,220
Malta—			
Aviation spirit ("bunkers") (b) ..	29	1	3
Gas oil (bunkers) (b)	707	712	1,889
Fuel oil (bunkers) (b)	1,601	5,901	5,334
Anglo-Egyptian Sudan—			
Fuel oil (bunkers) (b)	15,499	11,990	19,070
Gambia (b)—			
Motor spirit (bunkers)	141	86	102
Lubricating oil	7	5	8
Kenya and Uganda (bunkers) (b)—			
Motor spirit	130	119	173
Kerosene	5	3	4
Fuel oil	42,766	47,015	56,216
Lubricating oil	31	21	41
Sierra Leone—			
Fuel oil (bunkers) (b)	1,154	1,995	2,307
Union of South Africa—			
Fuel oil (bunkers) (b)	77,709	160,627	193,399
Canada—			
Crude petroleum	4	1	—
Motor spirit	11,010	11,079	14,099
Kerosene, etc.	2,934	2,297	3,237
Fuel oil	(c) 34,791	80,887	46,036
Other oils	(c) 1,863	2,457	4,697
Mineral wax	260	17	100
Petroleum coke	(c) 7,669	12,989	15,149

* 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.

(b) Foreign produce. See imports.

(c) April to December only.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (*Cont.*)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
British Guiana (<i>b</i>)—			
Crude petroleum (bunkers) ..	—	288	299
Aviation spirit ("bunkers") ..	97	85	55
Fuel oil (bunkers)	387	—	63
British West Indies—			
Barbados—			
Manjak	27	11	8
Jamaica—			
Motor spirit (bunkers) (<i>b</i>) ..	354	356	384
Trinidad and Tobago—			
Crude petroleum	39,205	59,714	88,789
Motor spirit (<i>c</i>)	314,742	340,885	342,990
Kerosene	16,145	18,819	15,336
Gas oil (<i>c</i>)	19,206	56,594	101,554
Fuel oil	619,312	766,006	819,609
do. (bunkers)	501,082	462,383	581,665
Lubricating oil	16	15	14
Road oil	3,660	3,821	4,562
Asphalt—			
Crude	7,562	6,550	10,750
Dried	66,145	51,791	66,577
Cement	8,058	11,484	12,880
Aden (including re-exports)—			
Motor spirit	163	54	134
Kerosene	287	151	190
Fuel oil (bunkers) (<i>d</i>)	628,653	665,686	653,261
Other oils	4,472	26,247	8,552
Bahrein Islands (<i>d</i>)—			
Crude petroleum	186,857	466,429	616,714
Motor spirit	—	11,475	70,344
Kerosene	—	7,636	34,618
Diesel oil	—	10,938	69,727
Gas oil	—	33,250	154,729
British Borneo—			
Brunei—			
Crude petroleum	441,744	445,081	550,247
Natural gas (<i>1,000 cubic feet</i>) ..	464,704	516,104	439,974

(*b*) Foreign produce. See imports.

(*c*) Including bunkers.

(*d*) Years ended March 31.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British Borneo—(cont.)			
Sarawak—			
Motor spirit	70,136	52,775	64,069
Kerosene	40,395	37,705	44,091
Gas oil	—	—	68,105
Diesel oil	57	73	—
Fuel oil	459,459	465,984	583,362
Lubricating oil	101	107	131
Solar oil	96,218	117,554	25,067
British India—			
Crude petroleum (c)	12,893	13,341	17,718
Aviation spirit ("bunkers")	415	461	123
Motor spirit (c)	2,092	2,327	956
Kerosene (c)	2,397	2,519	707
Fuel oil (bunkers) (domestic produce)	176	962	140
do. do. (foreign produce)	57,106	65,052	66,527
Paraffin wax	53,202	43,725	25,447
British Malaya (including re-exports)—			
Crude petroleum	2	6	—
Aviation spirit ("bunkers")	(a)	607	733
Motor spirit	354,591	240,593	332,320
Kerosene	71,652	92,124	88,647
Fuel oil	100,373	164,174	227,154
do. (bunkers)	192,529	186,170	203,342
Lubricating oil	2,130	2,230	2,469
Other petroleum products	31	51	208
Paraffin wax	66	75	102
Asphalt and bitumen	524	1,118	798
Burma—			
Motor spirit	(b)	(b)	(b)126,461
Kerosene	(b)	(b)	(b)343,318
Lubricating oil	(b)	(b)	(b)20,990
Other oils	(b)	(b)	(b)44,840
Paraffin wax	(b)	(b)	(b)39,774

(a) Information not available.

(b) Included with India prior to April 1, 1937.

(c) Includes trade by land as recorded.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (*Cont.*)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
Ceylon (<i>c</i>)—			
Crude petroleum (bunkers) ..	264,301	242,947	262,629
Hong Kong (including re-exports)—			
Motor spirit	27,021	26,131	43,078
Kerosene	15,938	39,047	76,078
Fuel oil	92,016	70,736	36,393
do. (bunkers)	37,971	54,291	69,899
Diesel oil	72,394	59,012	40,611
Lubricating oil	7,318	6,632	13,323
Other petroleum oils	33	57	42
Greases	207	259	563
Petroleum jelly	63	84	118
Paraffin wax	7,940	7,928	10,704
Australia—			
Motor spirit, etc.	—	74	191
Kerosene	9	47	142
Lubricating oil	101	197	165
Residual and solar oils	6	5	596
Greases	162	211	337
Paraffin wax, etc.	25	36	28
Fiji—			
Fuel oil (bunkers) (<i>c</i>)	1,912	3,094	4,718
New Zealand—			
Fuel oil (bunkers) (<i>c</i>)	65,293	73,841	(<i>a</i>)
FOREIGN COUNTRIES			
Albania—			
Crude petroleum	4,129	45,217	58,335
Bitumen	6,677	6,984	9,981
Austria—			
Motor spirit	66	1	1
Kerosene	6	8	4
Lubricating oils and greases	123	190	121
Petroleum jelly and paraffin wax	1	1	1
Ozokerite and ceresin	98	158	170
Asphalt	597	229	165
Petroleum coke	69	17	294

(a) Information not available.

(c) Foreign produce. *See imports.*

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgium-Luxemburg E.U.—			
Crude petroleum	2	986	9
Motor spirit	12,516	33,662	12,892
Kerosene	2,211	9,462	2,884
Fuel oil, etc.	121,477	229,881	183,793
do. (bunkers)	101,758	124,233	(c) 59,682
Lubricating oil	87,372	78,074	87,952
do. (bunkers)	1,045	1,313	(c) 124
Other heavy oils	21	2	37
Petroleum jelly	1,057	1,839	2,722
Paraffin wax	5,392	5,349	7,078
Ozokerite and ceresin	321	122	207
Asphalt, bitumen, etc.	1,824	1,061	1,953
Residual asphalt	23,643	22,269	30,368
Bulgaria—			
Fuel oil	—	747	732
Lubricating oil	13	—	1
Czechoslovakia—			
Lubricating oil, etc.	1,884	1,931	2,135
Paraffin wax	7	450	17
Ozokerite and ceresin	203	247	209
Asphalt products	114	69	159
Denmark—			
Lubricating oil	175	149	65
Paraffin wax, etc.	92	128	270
Estonia—			
Shale oil	14,593	11,338	53,033
Motor spirit	1,725	3,044	5,216
Bitumen and asphalt	1,748	3,261	1,577
France—			
Crude petroleum	3,688	2,617	(b) 980
Motor spirit	74,762	79,899	(b) 88,396
Kerosene	31,583	37,742	(b) 73,683
Crude, kerosene and motor spirit—			
Bunkers (domestic produce)	13,117	18,535	(a)
Bunkers (foreign produce)	8,592	6,889	(a)
Lubricating oil	52,020	25,786	(b) 20,164
Gas oil	61,013	23,511	(b) 47,593

(a) Information not available.

(b) Including bunkers for foreign ships.

(c) Bunkers for foreign ships only.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France—(cont.)			
Fuel oil	119,969	197,024	(b) 297,679
Road oil, etc.	46,796	46,781	51,815
Heavy and residual oils—			
Bunkers (domestic produce) ..	883,530	831,594	(a)
Bunkers (foreign produce) ..	346,509	334,185	(a)
Petroleum jelly	59	54	70
Paraffin wax	1,466	1,034	2,498
Ozokerite, ceresin, etc.	143	141	135
Petroleum coke, etc.	1,449	710	1,501
Asphalt and bitumen	22,091	31,405	24,122
Germany—			
Motor spirit	53,383	42,543	12,210
Kerosene	7,592	1,129	102
Gas oil	9,898	1,979	4,626
do. (bunkers for foreign ships)	23,734	10,805	16,241
Fuel oil	24,833	27,315	1,011
do. (bunkers for foreign ships)	18,501	20,721	504
Lubricating oil	91,589	101,118	104,611
do. (stores for foreign ships)	104	220	44
Paraffin wax	745	288	174
Ozokerite, etc.	7,157	7,289	8,003
Asphalt	4,053	7,752	7,638
Hungary—			
Motor spirit	905	16	—
Gas oil	1	70	—
Lubricating oil	473	128	3
Asphalt, bitumen and tar	6	14	38
Italy—			
Crude petroleum (b)	30	18	52
Motor spirit (b)	13,953	24,054	65,774
Kerosene (b)	175	787	20,783
Lubricating oil (b)	3,973	3,329	4,681
Other oils and residues (b)	10,663	12,850	43,249
Paraffin wax	3	3	4
Ceresin	87	50	120
Asphalt and bitumen	15,858	14,771	17,301
Petroleum jelly	16	7	14

(a) Information not available.

(b) Including bunkers for foreign ships.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Latvia—			
Lubricating oil	18	5	4
Asphalt	16	7	76
Lithuania—			
Kerosene	4	—	—
Netherlands—			
Motor spirit	140	26	20
Gas oil	6,602	17,471	11,973
do. (bunkers) (b)	72,873	120,990	157,241
Fuel oil	4,872	6,063	7,261
do. (bunkers) (b)	175,057	229,422	238,019
Lubricating oil	499	530	1,542
Greases	26	11	12
Petroleum jelly	360	537	484
Paraffin wax	165	225	167
Ozokerite and ceresin	50	63	105
Asphalt	47,164	41,479	36,108
Natural asphalt	213	66	196
Norway—			
Lubricating oil	2,220	1,933	2,121
Asphalt	4	50	9
Poland—			
Motor spirit	40,840	48,606	40,141
Kerosene	29,163	20,141	8,436
Fuel oil and gas oil	29,373	24,241	14,469
Lubricating oils	17,019	16,340	13,789
Greases	60	41	33
Paraffin wax	18,924	10,818	17,237
Ozokerite and ceresin	323	381	608
Petroleum coke	1,738	1,157	1,329
Asphalt and tar	1,030	2,322	2,983
Portugal—			
Fuel oil (bunkers)	201	5,282	(a)
Other mineral oils	923	1,828	(a)
do. (bunkers)	516	51	(a)
Roumania—			
Crude petroleum	330,128	618,657	464,942
Motor spirit	1,921,092	2,063,556	1,800,975
Kerosene	1,148,904	1,128,714	937,084
Fuel oil, etc.	2,995,779	2,899,779	2,314,346

(a) Information not available.

(b) Including imported oil.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Roumania—(cont.)			
Other oils	57,843	36,619	34,289
Paraffin wax	4,487	4,190	5,668
Tar and pitch	36,717	23,066	21,530
Greases	—	1	7
Asphalt and bitumen	375	4	41
Petroleum coke	12,927	1,408	49
Spain—			
Motor spirit and kerosene	12	(a)	(a)
Sweden—			
Motor spirit	436	10,861	2,669
Kerosene	11,355	6,582	1,596
Fuel oil and gas oil	18,111	16,348	24,766
Lubricating oil	1,380	1,298	1,641
Other refined oils	40	105	139
Paraffin wax	10	10	7
Asphalt	38	93	141
Pitch	3,109	2,414	776
Switzerland—			
Motor spirit	34	31	13
Fuel oil	10	6	3
Lubricating oil and grease	71	82	88
Asphalt and bitumen	4,900	7,553	7,009
Paraffin wax and ceresin	6	12	12
U.S.S.R.—			
Crude petroleum	203,424	163,924	67,469
Motor spirit	647,860	412,583	370,000
Kerosene	409,630	376,798	237,000
Fuel oil	1,115,775	811,941	641,000
Gas oil	507,915	536,410	390,000
Diesel oil	90,055	49,618	(b)
Lubricating oil and solar oil	303,041	249,172	225,000
Petroleum jelly	20	32	(a)
Asphalt	19,083	10,437	(a)
Paraffin wax	14,269	11,837	(a)
Ozokerite	227	197	138
Yugoslavia—			
Motor spirit and lubricating oil	5	3	1
Algeria—			
Motor spirit	49	256	398
Kerosene	7	8	12

(a) Information not available.

(b) Included with fuel oil.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Algeria—(<i>cont.</i>)			
Gas oil (<i>c</i>)	111	190	246
Fuel oil (<i>c</i>)	8	31	36
Lubricating oil	110	66	51
Road oils, etc.	38	12	53
Asphalt and bitumen	1,728	996	530
Belgian Congo—			
Motor spirit	362	45	187
Kerosene	5	8	1
Fuel oil	71	662	} 113
Lubricating oil and greases	88	133	
Egypt—			
Motor spirit	22,923	22,871	27,653
Kerosene	2,403	1,878	888
Fuel oil, etc.	11,150	4,384	2,792
do. (bunkers)	49,504	47,901	54,100
Lubricating oil	70	182	46
Asphalt, etc.	78,088	48,500	88,535
French West Africa (<i>b</i>)—			
Motor spirit (bunkers)	386	658	761
Fuel oil (bunkers)	373,826	468,205	659,863
Morocco (French)—			
Crude, refined and residual	31	103	1,283
Asphalt and bitumen	217	75	145
Cuba (including re-exports)—			
Natural asphalt	4,949	7,492	(<i>a</i>)
Mexico (<i>d</i>)—			
Crude petroleum	1,312,969	1,048,216	1,129,817
Motor spirit	389,886	486,056	501,928
Kerosene	98,977	75,451	86,320
Fuel oil	813,861	1,155,208	908,509
Gas oil	254,482	387,684	439,336
Lubricating oil	57,354	54,088	57,605
Asphalt	277,514	329,805	489,975

(*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:—

1935 323,818 long tons.

1936 333,601 " "

1937 433,013 " "

(*d*) Including bunkers.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands West Indies—			
Crude petroleum	870,598	1,251,979	750,381
Motor spirit	2,386,036	2,978,674	2,061,287
Kerosene	378,582	434,564	229,968
Gas oil	924,978	1,048,609	} 6,449,080
do. (bunkers)	13,211	10,262	
Fuel oil	9,746,687	10,368,676	} 13,181,803
do. (bunkers)	645,375	634,582	
Diesel oil	535,330	883,719	} 1,361,142
do. (bunkers)	243,282	263,459	
Lubricating oil	178,498	184,183	290,426
Salvador—			
Crude petroleum	682	(a)	(a)
Motor spirit	18	(a)	(a)
Diesel oil (b)	218	(a)	(a)
Lubricating oil (b)	26	(a)	(a)
United States—			
Crude petroleum	6,950,003	6,799,101	9,071,191
Motor spirit	3,093,413	2,801,316	3,671,997
Natural gasolene	189,000	218,000	429,000
Kerosene	822,457	854,298	1,102,657
Gas oil and distillate fuel oil	2,050,330	2,610,899	4,059,034
Residual fuel oil	1,651,775	1,889,323	1,868,127
Fuel oil (bunkers)	4,419,294	4,871,804	5,496,210
Lubricating oil	1,171,278	1,201,058	1,521,439
Transformer oil	4,751	3,361	4,473
Turpentine substitutes	9,033	8,459	11,743
Greases	42,209	39,662	45,537
Paraffin wax	102,618	83,607	103,420
Petroleum jelly	6,615	9,900	17,572
Asphalt, bitumen, etc.	216,120	182,809	202,913
Petroleum coke	119,228	111,231	146,663
Argentina—			
Motor spirit	4,295	1,660	898
Kerosene	634	1,345	466
Gas oil	1,173	415	324
Fuel oil	88,262	90,472	93,398
Diesel oil	6,245	5,083	8,277
Lubricating oil	379	230	222
Grease	40	34	30
Asphalt	985	2,369	995

(a) Information not available.

(b) Including bunkers, etc.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Chile—			
Crude petroleum (b)	2,245	650	903
Motor spirit (b)	18	14	183
Kerosene (b)	4	2	—
Diesel oil (b)	1,836	833	12
Lubricating oil (b)	6	4	3
Tar and pitch	284	318	283
Colombia—			
Crude petroleum	2,242,659	2,319,174	2,506,219
Motor spirit	—	1	63
Kerosene	—	—	24
Gas oil	—	—	12
Ecuador—			
Crude petroleum	197,591	180,000	250,000
Motor spirit	94	(a)	(a)
Peru—			
Crude petroleum	1,404,275	1,481,390	1,508,808
Motor spirit	302,633	301,791	308,995
Kerosene	142,568	112,171	90,924
Gas oil	41,814	72,048	54,964
Fuel oil	54,865	20,283	20,129
do. (bunkers)	46,099	42,113	40,830
Lubricating oil and grease ..	854	844	818
Venezuela—			
Crude petroleum	20,123,043	21,990,519	(a)
Motor spirit	38,146	24,484	(a)
Gas oil	39,669	33,332	(a)
Fuel oil	929,104	899,334	(a)
Diesel oil	6,300	4,548	(a)
Formosa—			
Motor spirit	105	55	(a)
Kerosene, etc.	9,136	3,225	(a)
Lubricating oil	143	69	(a)
French Indo-China—			
Motor spirit, etc.	30	5	6
Gas oil	46	—	1
Lubricating oil, etc.	50	21	20
Road oil, etc.	21	8	31

(a) Information not available.

(b) Including bunkers on foreign ships.

EXPORTS OF PETROLEUM AND ALLIED PRODUCTS—(Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Iran (b)—			
Crude petroleum	699,958	1,483,807	428,192
Motor spirit	1,750,432	1,454,512	1,895,901
Kerosene	442,358	455,870	503,116
Fuel oil	4,129,964	3,357,145	5,077,063
Lubricating oil	110	—	88
Iraq—			
Crude petroleum and fuel oil ..	3,530,138	3,933,250	3,927,818
Motor spirit	483	386	376
Kerosene	69	16	9
Asphalt	13	19	3
Japan—			
Crude petroleum	(a)	(a)	366
Motor spirit	1,953	145	218
Kerosene	8,871	19,345	13,574
Lubricating oil	12,538	13,725	21,096
Other oils	13,159	16,092	1,314
Asphalt	14,149	6,881	10,067
Korea—			
Crude oil, etc.	628	706	335
Motor spirit	573	1,382	4,945
Kerosene	962	2,337	4,938
Light oils	969	744	2,911
Lubricating oil	998	1,157	3,719
Other oils	74	4	413
“Manchoukuo”—			
Shale oil	52,916	94,285	61,323
Paraffin wax	17,937	20,966	18,538
Netherlands East Indies—			
Crude petroleum	239,258	148,180	93,746
Motor spirit	1,623,347	1,653,076	1,928,950
Kerosene	570,437	780,850	834,224
Fuel and motor oils	2,153,795	2,231,968	2,489,505
do. (bunkers)	346,766	297,528	333,985
Batching oil	3,586	7,266	6,956
Lubricating oil	19,861	20,194	23,408
Greases	472	498	633
Paraffin wax	53,904	52,454	73,530
Asphalt	267	45	373
Turpene	45,042	75,318	84,899
Syria and Lebanon—			
Asphalt and bitumen	2,371	1,715	2,093

(a) Information not available.

(b) Including re-exports; years ended June 21.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS*
(Less Re-exports)
(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Crude petroleum	1,931,781	2,035,249	2,109,064
Motor spirit	3,878,747	4,000,687	4,280,723
Other spirit	57,367	64,477	52,971
Kerosene	678,520	752,237	782,366
Fuel oil	2,634,832	2,733,604	2,801,614
Gas oil	400,329	403,875	510,835
Lubricating oil	388,663	445,339	453,968
Other petroleum oils	1,775	1,205	3,216
Mineral jelly	6,853	6,915	8,320
Paraffin wax	56,265	51,625	52,141
Ozokerite	875	207	167
Asphalt and bitumen	90,792	88,231	83,076
Eire—			
Motor spirit	115,252	115,019	127,072
Kerosene	58,338	60,052	65,593
Fuel oil and gas oil	33,868	37,037	38,888
Lubricating oil	8,726	10,296	10,584
Mineral jelly	59	59	(a)
Paraffin wax	3,651	3,693	3,973
Asphalt and bitumen	24,502	21,048	19,585
Malta—			
Motor spirit	9,804	9,736	10,420
Petroleum	20,526	19,839	17,150
Fuel oil	(b) 7,566	8,984	16,541
Gas oil	7,527	1,702	1,968
Anglo-Egyptian Sudan—			
Motor spirit	10,348	13,588	11,461
Kerosene	5,314	5,245	5,816
Fuel oil	14,482	16,050	16,153
Lubricating oil, etc.	1,742	2,256	1,464
Asphalt, etc.	596	540	763
Gambia—			
Motor spirit	622	431	782
Kerosene	216	184	262
Fuel oil	193	217	383
Lubricating oil	64	47	77

* 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) Excess of re-exports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Gold Coast—			
Motor spirit	18,107	20,445	24,945
Kerosene	9,125	7,544	12,416
Fuel oil	13,791	20,444	38,539
Lubricating oil	2,324	1,989	2,734
Asphalt	2	33	69
Kenya and Uganda—			
Motor spirit	24,052	20,283	25,882
Kerosene	8,156	13,177	11,137
Fuel oil (b)	61,496	63,336	68,253
Lubricating oil	2,863	1,942	2,780
Greases	203	179	270
Mauritius—			
Motor spirit	3,868	4,706	4,317
Kerosene	1,901	2,226	2,221
Lubricating oils, etc.	465	598	472
Fuel oil	394	500	332
Refined motor grease	54	70	68
Natural asphalt, etc.	815	1,098	1,095
Nigeria—			
Motor spirit	15,575	21,612	20,625
Kerosene	7,436	11,064	10,673
Fuel oil	2,160	3,266	3,782
Lubricating oil	1,833	1,803	2,274
Northern Rhodesia—			
Motor spirit	3,292	3,244	3,763
Kerosene	339	351	363
Gas oil	113	135	114
Lubricating oil	559	522	773
Asphalt and bitumen	13	4	46
Nyasaland—			
Motor spirit	1,562	1,664	1,807
Kerosene, etc.	211	234	265
Fuel oil	194	340	454
Lubricating oil	136	138	141
Seychelles—			
Motor spirit	73	83	98
Kerosene	124	95	143
Fuel oil	84	77	126
Lubricating oil	12	10	14

(b) Imported chiefly for bunkering purposes.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Sierra Leone—			
Motor spirit	1,114	1,220	1,513
Kerosene	1,336	1,452	1,787
Fuel oil	741	8,309	1,311
Lubricating oil	141	178	267
Somaliland Protectorate—			
Motor spirit	539	759	1,376
Kerosene	295	307	321
Southern Rhodesia—			
Motor spirit	17,291	19,707	23,188
Kerosene	1,508	1,610	1,709
Gas oil	894	847	751
Fuel oil	(b)	13,514	15,293
Lubricating oil	2,377	2,611	3,037
Other oils (total imports)	10,990	66	80
Paraffin wax	593	563	598
Asphalt and bitumen	1,496	6,497	8,387
South West Africa—			
Motor spirit	3,286	4,890	8,443
Kerosene	1,008	1,036	1,792
Lubricating oil	417	511	689
Other oils	2,528	3,072	3,247
Grease	33	31	47
Asphalt and bitumen	9	79	120
Tanganyika Territory—			
Motor spirit	6,898	8,966	9,832
Kerosene	4,531	5,145	5,586
Fuel oil	7,579	8,408	8,915
Lubricating oil	1,446	1,297	1,194
Greases	46	64	105
Union of South Africa—			
Motor spirit	330,685	384,921	458,280
Turpentine substitute	2,617	2,691	3,993
Kerosene	46,643	49,277	58,761
Gas oil	19,998	26,280	25,788
Fuel oil	150,123	242,852	367,675
Lubricating oil	26,428	30,528	39,150
Transformer oil	1,737	1,909	2,271
Road oil	2,282	4,014	8,346
Other oils	754	878	799
Greases	2,544	2,786	3,269
Paraffin wax	11,759	11,309	14,217
Asphalt and bitumen	22,840	32,857	35,491
Petroleum jelly	960	992	1,270

(b) Included with "other oils."

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Zanzibar—			
Motor spirit	1,093	1,359	1,793
Kerosene, etc.	3,996	1,384	2,793
Fuel oil	1,007	729	475
Lubricating oil, etc.	84	97	111
Canada—			
Crude petroleum	4,726,469	5,119,754	5,559,518
Motor spirit	223,332	203,958	242,391
Kerosene, etc.	4,627	4,952	8,783
Lubricating oils	53,005	57,188	61,325
Fuel oil	128,699	87,682	103,944
do. (bunkers)	76,624	100,203	101,538
Other petroleum oils	12,413	1,355	603
Petroleum jelly, etc.	(£51,339)	(£60,960)	(£51,468)
Grease	1,774	2,210	2,616
Paraffin wax, etc.	2,410	2,003	2,975
Asphaltum oil, etc.	132	193	308
Asphalt	5,872	5,754	7,443
Petroleum coke	(b) 73,001	59,934	77,055
Other products	7,395	8,212	14,534
Newfoundland (years ended June 30)—			
Motor spirit	11,630	8,023	12,798
Kerosene	3,572	3,018	2,496
Lubricating oil	1,318	1,004	1,120
Fuel oil, etc.	1,937	2,199	1,776
Paraffin wax	(£1,095)	(£282)	(£565)
Asphalt, etc.	(£322)	(£803)	(£1,419)
British Guiana—			
Crude petroleum	3,262	3,767	7,612
Aviation spirit	158	160	124
Motor spirit	2,837	3,057	3,185
Kerosene	1,499	1,782	1,695
Fuel oil, etc.	2,482	2,679	3,393
Lubricating oil	468	495	645
Tar and pitch	531	441	273
Paraffin wax	13	15	17
British West Indies—			
Bahamas—			
Crude petroleum	1,971	1,792	2,069
Motor spirit	1,738	2,134	3,180
Kerosene	982	1,073	949
Lubricating oil	76	48	70

(b) Total imports.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—(cont.)			
Barbados—			
Crude petroleum	5,763	2,888	5,126
Motor spirit	3,234	3,558	4,122
Kerosene	1,133	1,148	1,312
Road oil	381	200	288
Fuel oil, etc.	686	3,281	3,756
Bermuda—			
Motor spirit	2,999	1,304	1,602
Kerosene	2,450	2,387	2,243
Fuel oil	7,730	12,823	16,107
Lubricating oil	(£3,680)	(£5,870)	(£4,588)
Grenada—			
Motor spirit	454	494	568
Kerosene	370	395	406
Fuel oil	137	156	166
Lubricating oil	20	30	30
Road oil	589	783	585
Jamaica—			
Aviation spirit	445	407	505
Motor spirit	19,530	19,939	22,540
Kerosene	5,894	6,140	6,733
Gas oil (b)	12,129	4,521	11,059
Fuel oil (b)	77,434	124,606	185,435
Lubricating oil	996	963	1,276
Asphalt	2,563	3,183	3,493
Leeward Islands—			
Aviation spirit	77	115	376
Motor spirit	809	987	1,163
Kerosene	628	719	584
Fuel oil	373	526	689
Road oil	537	586	745
Lubricating oil	85	79	117
St. Lucia—			
Motor spirit	190	204	218
Kerosene	158	165	154
Fuel oil	101	141	168
Lubricating oil	13	16	18
Road oil	204	128	192

(b) Imported chiefly for bunkering purposes.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—(cont.)			
St. Vincent—			
Crude petroleum	35	51	72
Motor spirit	257	274	302
Kerosene.. .. .	166	173	171
Fuel oil, etc.	162	207	251
Lubricating oil	15	20	20
Asphalt, tar and pitch	4	4	2
Trinidad and Tobago—			
Crude petroleum	61,924	72,767	59,783
Motor spirit	26	165	54
Kerosene.. .. .	10	27	7
Lubricating oil	1,108	1,292	1,323
Greases	86	107	120
Petroleum jelly	8	14	20
Paraffin wax	41	41	53
Asphalt	26	263	291
British Honduras—			
Motor spirit	800	1,157	1,590
Kerosene	658	837	1,082
Diesel oil	505	728	1,358
Lubricating oil	103	177	150
Asphalt	9	249	151
Aden (total imports)—			
Motor spirit	1,580	1,549	1,808
Kerosene	1,409	1,473	1,521
Fuel oil (b)	666,358	671,672	700,881
Lubricating oil	363	203	263
Other petroleum oils	15	6	1
Bahrein Islands (c)—			
Aviation spirit	220	414	485
Motor spirit	427	784	1,075
Kerosene	927	10,185	1,616
British Borneo—			
Brunei—			
Kerosene.. .. .	662	738	745
Fuel oil	123	78	39
Lubricating oil	109	118	135

(b) Imported chiefly for bunkering purposes.

(c) Years ended March 31.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British Borneo—(cont.)			
Sarawak—			
Crude petroleum	443,343	445,368	564,958
Motor spirit	565	685	752
Kerosene	2,356	2,658	2,897
Gas oil	—	—	3,018
Fuel oil	64	14,670	44,347
Lubricating oil	450	470	524
Natural gas (1,000 cu. ft.) ..	886,648	940,455	727,045
State of North Borneo—			
Motor spirit	597	656	789
Kerosene	1,212	1,363	1,269
British India (total imports)—			
Motor spirit	5,415	6,424	287,818
Turpentine substitute	174	154	1,538
Kerosene	249,634	215,357	592,182
Fuel oil	547,891	570,227	532,538
White oil	2,619	5,936	8,621
Lubricating oil	76,910	77,653	134,485
Other oils	6,349	1,359	3,158
Greases	2,290	2,187	2,723
Paraffin wax	645	656	1,377
Asphalt	40,185	40,410	40,398
British Malaya (total imports)—			
Crude petroleum	58	62	78
Motor spirit	416,896	320,521	433,989
Kerosene	111,886	134,504	125,258
Fuel oil	386,049	528,203	701,311
Lubricating oil	12,327	12,470	19,203
Paraffin wax	866	1,239	1,598
Asphalt and bitumen	17,723	20,105	20,917
Other petroleum products ..	113	666	779
Burma—			
Motor spirit	(c)	(c)	(c)54
Kerosene	(c)	(c)	(c)2,328
Lubricating oil	(c)	(c)	(c)3,210
Fuel oil	(c)	(c)	(c)64,967
Other oils	(c)	(c)	(c)844
Greases	(c)	(c)	(c)155

(c) Included with India prior to April 1, 1937.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Ceylon—			
Motor spirit	33,169	28,847	46,374
Kerosene	26,455	21,303	30,576
Gas oil		4,767	959
Diesel oil (b)	306,008	69,422	100,365
Fuel oil (b)		202,705	225,750
Lubricating oil	3,301	3,094	3,684
Other oils and greases	98	100	135
Asphalt	13,746	10,403	10,704
Cyprus—			
Crude petroleum	6,946	10,606	16,036
Motor spirit, etc.	4,233	4,800	6,213
Kerosene, etc.	3,421	4,230	3,959
Lubricating oil	540	563	827
Paraffin wax	118	45	83
Asphalt and bitumen	1,904	1,107	1,303
Hong Kong (total imports)—			
Motor spirit	31,109	33,094	68,723
Kerosene	79,411	94,887	81,561
Fuel oil (b)	182,048	146,816	128,752
Diesel oil	2,631	19,400	43,603
Lubricating oil	7,653	8,136	26,230
Other oils	52	44	92
Greases	356	478	1,059
Petroleum jelly	27	18	195
Paraffin wax	8,393	8,457	11,106
Palestine—			
Crude petroleum and fuel oil	61,516	80,664	86,531
Motor spirit	37,944	32,744	40,753
Kerosene	46,067	47,676	48,668
Lubricating oils	4,070	2,640	3,958
Petroleum jelly	34	18	32
Paraffin wax	(a)	318	326
Asphalt and bitumen	9,469	9,584	14,947
Australia—			
Crude petroleum	246,065	249,071	279,971
Motor spirit	771,823	857,274	1,011,520
Kerosene	135,991	142,627	212,402
Lubricating oil	54,507	61,522	69,701
Residual and solar oils	377,810	401,052	468,092
Petroleum jelly	898	893	807
Greases	2,595	2,647	2,195
Paraffin wax, etc.	3,091	2,849	3,024
Mastic asphalt	103	617	690

(a) Information not available.

(b) Imported chiefly for bunkering purposes.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Fiji—			
Crude petroleum	5,911	6,608	5,810
Motor spirit	3,925	4,430	4,739
Kerosene	1,458	1,079	1,637
Lubricating oil	385	394	465
Greases	152	180	149
Bitumen	126	165	299
Gilbert and Ellice Islands (c)—			
Crude petroleum	581	472	(a)
Motor spirit	59	43	(a)
Kerosene	119	76	(a)
Lubricating oil	44	41	(a)
New Guinea (c)—			
Motor spirit	2,701	3,476	2,853
Kerosene	374	854	570
Lubricating oil	205	336	236
Other petroleum oils	1,624	3,215	2,330
New Zealand—			
Crude petroleum, fuel oil, etc. ..	166,269	190,656	179,330
Motor spirit	214,003	284,692	280,871
Turpentine substitute	1,127	1,280	(a)
Kerosene	19,422	22,089	17,135
Lubricating oil	10,279	11,607	11,514
Other refined oils	656	1,118	(a)
Paraffin wax	1,487	1,350	1,196
Asphalt and bitumen	14,843	22,640	21,577
Papua (c)—			
Motor spirit, etc.	938	1,281	2,313
Kerosene	130	185	218
Solomon Islands (b)—			
Crude petroleum	700	587	(a)
Motor spirit	321	233	(a)
Kerosene	262	243	(a)
Lubricating oil	37	46	(a)
Distillates	122	240	(a)
Western Samoa—			
Motor spirit	434	589	862
Kerosene	113	206	335
Fuel oil (£ N.Z.)	(£55)	(£158)	(£363)
Lubricating oil (£ N.Z.)	(£1,157)	(£1,316)	(£806)

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Albania—			
Motor spirit	3,086	3,336	3,121
Kerosene	2,164	2,228	2,207
Gas oil	2,650	1,529	1,787
Fuel oil	2,651	2,444	396
Lubricating oils, etc.	247	285	303
Paraffin wax, etc.	116	135	237
Austria—			
Crude petroleum	161,235	168,864	104,184
Motor spirit	60,109	57,834	80,190
Kerosene	21,042	20,380	38,394
Gas oil	30,558	35,312	34,801
Fuel oil, etc.	64,566	82,614	51,600
Lubricating oil and grease	6,086	6,114	6,928
Petroleum jelly	131	140	130
Paraffin wax	2,944	2,314	2,375
Petroleum coke	2,137	1,674	4,917
Ozokerite and ceresin	210	221	209
Asphalt	11,960	11,042	16,272
Belgium-Luxemburg E.U.—			
Crude petroleum	180,858	336,543	276,695
Motor spirit, etc.	272,971	321,008	304,880
Kerosene	19,522	14,898	8,951
Fuel oil, etc.	232,187	335,562	362,706
Lubricating oil	159,024	157,101	205,572
Other heavy oils	204	674	443
Petroleum jelly	693	1,919	3,138
Paraffin wax	5,574	5,777	7,976
Ozokerite and ceresin	516	388	423
Asphalt, bitumen, etc.	14,210	11,810	17,968
Residual asphalt	16,434	17,572	13,066
Bulgaria—			
Crude petroleum	18,340	22,111	19,144
Motor spirit	4,906	4,688	10,310
Kerosene	21,120	20,849	29,242
Gas oil	20,908	20,942	20,933
Fuel oil	237	—	—
Lubricating oil, etc.	5,454	5,753	8,254
Paraffin wax, ceresin, etc.	272	298	303
Tar	35	66	33
Petroleum jelly	24	34	52
Asphalt and bitumen	5,144	1,632	8,003

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Crude petroleum, etc.	194,510	198,699	263,746
Motor spirit and kerosene	1,623	1,296	1,196
Fuel oil and gas oil	161,398	178,024	164,528
Lubricating oil and greases	18,970	18,969	23,214
Paraffin wax	1,246	465	384
Ozokerite and ceresin	77	69	86
Petroleum jelly	196	224	307
Asphalt products	1,987	1,442	1,647
Denmark—			
Motor spirit	240,011	275,061	297,757
Kerosene	67,675	85,703	88,921
Fuel oil	228,354	269,307	283,665
Lubricating oil	21,306	30,528	25,034
Petroleum jelly	103	65	77
Ozokerite, etc.	49	57	44
Paraffin wax	1,264	1,360	1,129
Asphalt rock	824	1,306	941
Estonia—			
Crude petroleum	300	615	5,835
Motor spirit	5,300	7,750	6,942
Kerosene	16,548	17,382	18,546
Fuel oil	854	766	1,159
Gas oil	1,948	2,981	3,100
Lubricating oil	2,271	2,317	2,782
Petroleum jelly, etc.	33	65	108
Paraffin wax, etc.	198	213	195
Asphalt and tar	24	52	76
Oil-shale	—	10,112	—
Finland (total imports)—			
Crude petroleum	17,995	19,105	26,773
Motor spirit	75,400	85,514	115,161
Kerosene	42,258	67,072	63,974
Lubricating oil	12,503	11,580	13,360
Petroleum jelly	388	438	464
Paraffin wax, etc.	756	763	785
Asphalt and tar	11,037	14,902	18,501
France—			
Crude petroleum	5,532,826	5,913,839	6,054,570
Motor spirit	563,410	574,539	607,431
Kerosene	9,954	3,240	3,306
Lubricating oil	103,972	96,885	86,622
Fuel oil	288,750	391,105	617,663

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
France—(cont.)			
Gas oil	116,217	175,546	211,534
Road oil, etc.	23,867	15,033	23,477
Petroleum coke, etc.	22,241	27,180	31,609
Paraffin wax	690	600	797
Ozokerite and ceresin	512	571	541
Petroleum jelly	23	52	44
Asphalt and bitumen	5,038	5,042	6,110
Germany—			
Crude petroleum	507,160	569,723	720,653
Motor spirit	1,205,007	1,303,730	1,041,487
Kerosene	74,098	62,604	47,436
Gas oil	869,047	1,064,248	1,173,317
Fuel oil	321,162	373,409	389,333
Lubricating oil	430,512	380,141	408,725
Paraffin wax	18,681	7,729	17,342
Ozokerite, etc.	1,957	3,013	3,261
Asphalt	7,049	4,315	6,269
Greece—			
Motor spirit	53,931	56,343	63,242
Kerosene	19,357	23,206	18,342
Fuel oil	155,112	187,882	223,845
Other oils and greases	11,894	8,586	12,944
Petroleum jelly	53	53	70
Asphalt and bitumen	9,201	8,527	10,263
Hungary—			
Crude petroleum	164,842	234,514	233,877
Motor spirit	2,003	2,238	2,250
Kerosene	—	—	18
Gas oil	652	328	613
Fuel oil	(a)	12,665	34,184
Lubricating oil	3,606	3,851	4,511
Paraffin wax	668	772	811
Petroleum jelly	165	146	172
Ozokerite and ceresin	15	12	20
Asphalt, bitumen and tar	1,632	1,400	2,652
Petroleum coke	177	198	153
Iceland—			
Motor spirit	12,792	} 22,501	(a)
Kerosene	2,955		(a)
Lubricating oil	743	(a)	(a)
Paraffin wax	7	(a)	(a)
Asphalt	56	(a)	(a)

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Crude petroleum	216,517	296,086	921,088
Motor spirit	360,741	206,771	256,654
Kerosene	152,091	110,798	93,402
Lubricating oil	88,518	54,194	69,874
Other oils and residues	1,235,773	1,126,499	1,196,972
Petroleum jelly	363	350	363
Paraffin wax	27,455	19,911	27,164
Ceresin	128	49	148
Bitumen	94,816	25,018	17,155
Petroleum coke	9,020	13,385	13,618
Latvia—			
Crude petroleum	10,888	1,809	3,716
Motor spirit	6,262	8,462	17,362
Kerosene	24,340	22,612	23,995
Gas oil	593	734	5,062
Fuel oil	15	163	642
Lubricating oil	1,226	1,820	3,344
Shale oil	2,788	2,781	2,731
Petroleum jelly	4	4	4
Paraffin wax	297	290	298
Ozokerite and ceresin	20	23	15
Asphalt and bitumen	2,672	4,016	5,065
Lithuania—			
Crude petroleum and fuel oil	11,837	13,060	15,582
Motor spirit	4,835	4,237	4,375
Kerosene	17,961	18,196	20,676
Lubricating oil	2,602	3,591	3,991
Paraffin wax	353	369	334
Petroleum jelly	58	26	89
Ozokerite and ceresin	11	23	12
Asphalt, etc.	815	2,127	1,761
Netherlands—			
Crude petroleum	197,810	331,784	474,184
Motor spirit	363,356	330,424	238,513
Kerosene	227,351	251,251	254,852
Gas oil	267,753	327,313	373,059
Fuel oil	153,614	210,698	403,580
Lubricating oil	45,702	46,221	49,214
Greases	1,855	1,943	1,920
Petroleum jelly	814	868	1,099
Paraffin wax	3,099	3,272	4,341
Ozokerite and ceresin	201	160	221
Asphalt	6,797	6,264	15,495
Natural asphalt	1,652	1,299	1,339

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Norway—			
Crude petroleum	23,433	21,868	16,978
Motor spirit	136,542	133,761	163,582
Turpentine substitute	1,619	1,099	1,015
Kerosene	38,778	32,230	38,318
Fuel oil and solar oil	250,348	273,138	311,250
Residual oils, etc.	12,674	12,369	13,354
Petroleum jelly, etc.	729	707	844
Asphalt, bitumen, etc.	13,423	11,850	18,923
Poland—			
Motor spirit	13	6	19
Fuel oil and gas oil	67	115	248
Lubricating oil	434	607	648
Greases	11	35	37
Petroleum jelly	261	259	397
Paraffin wax, etc.	626	605	568
Asphalt and tar	4,672	3,552	3,495
Portugal—			
Motor spirit	68,138	66,183	71,029
Kerosene	51,738	49,502	50,394
Other mineral oils	55,185	55,462	67,902
Petroleum jelly	83	52	(a)
Paraffin wax	1,509	874	(a)
Roumania—			
Petroleum oils	1,907	2,727	2,161
Petroleum jelly	73	43	74
Paraffin wax	2	2	4
Ozokerite and ceresin	28	48	70
Greases	60	125	131
Asphalt and bitumen	221	197	186
Tar and pitch	253	280	157
Spain—			
Crude petroleum	7,675	(a)	(a)
Motor spirit	416,318	(a)	(a)
Kerosene	23,958	(a)	(a)
Gas oil	105,390	(a)	(a)
Fuel oil	206,397	(a)	(a)
Lubricating oil	38,606	(a)	(a)
Pitch	66,178	(a)	(a)
Petroleum jelly and its oils	1,463	(a)	(a)
Paraffin wax	6,699	(a)	(a)
Asphalt and bitumen	664	(a)	(a)

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937	
FOREIGN COUNTRIES (Cont.)				
Sweden—				
Crude petroleum	87,085	68,479	79,105	
Motor spirit	381,784	435,949	479,428	
Kerosene	106,756	99,173	102,752	
Fuel oil and gas oil	286,431	337,071	442,824	
Lubricating oil	50,012	46,684	56,221	
Petroleum jelly	472	387	456	
Other oils	6,740	7,664	9,322	
Paraffin wax	5,091	4,614	5,159	
Ozokerite and ceresin	270	287	367	
Asphalt	5,455	4,235	679	
Pitch	24,785	29,129	27,883	
Switzerland—				
Motor spirit	203,428	190,752	191,178	
Kerosene	23,810	21,604	19,742	
Fuel oil	165,953	169,677	160,482	
Lubricating oil and grease	22,216	16,780	20,115	
Other oils	17,855	11,826	14,885	
Petroleum jelly	375	364	375	
Paraffin wax and ceresin	2,251	1,811	2,101	
Asphalt and bitumen	790	839	893	
U.S.S.R.—				
Motor spirit	42	46,208	} 107,925	
Kerosene	39	24		
Fuel oil	645	38		
Lubricating oil	156	270		
Petroleum jelly	21	20		
Ozokerite and ceresin	47	108		146
Asphalt and pitch.. .. .	3	67		47
Yugoslavia—				
Crude petroleum	87,246	120,399	90,902	
Motor spirit	1,522	1,369	1,306	
Kerosene	11,327	11,016	12,915	
Gas oil, etc.	129	1,347	2,126	
Lubricating oil, etc.	3,245	3,287	4,500	
Paraffin wax	2,291	2,312	2,475	
Ozokerite and ceresin	55	107	78	
Asphalt and bitumen	6,617	9,176	17,070	
Abyssinia—				
Motor spirit	900	(a)	(a)	
Kerosene	760	(a)	(a)	

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Motor spirit	112,485	113,142	112,483
Kerosene	42,676	45,277	38,532
Gas oil	20,702	25,797	24,855
Fuel oil and diesel oil	21,796	26,743	31,306
Lubricating oil	8,806	10,320	12,222
Road oil, etc.	34,022	25,635	25,632
Paraffin wax	105	144	204
Petroleum jelly	21	19	23
Ozokerite and ceresin	71	70	45
Asphalt and bitumen	755	781	1,251
Angola—			
Motor spirit	2,771	3,604	4,769
Kerosene	826	611	966
Gas oil	369	599	204
Fuel oil	999	223	473
Lubricating oil	462	638	501
Grease	43	34	(a)
Belgian Congo—			
Motor spirit	11,603	17,047	29,215
Kerosene	1,408	1,803	438
Fuel oil, etc.	302	3,440	6,008
Lubricating oil and greases	2,375	2,309	620
Paraffin wax	(a)	(a)	16
Cameroon (French)—			
Motor spirit	2,957	4,248	5,660
Kerosene	998	1,399	2,573
Fuel oil	266	356	679
Lubricating oil	267	417	442
Egypt—			
Crude petroleum	92,416	127,336	105,277
Motor spirit	15,124	25,967	25,126
Turpentine substitute	177	106	171
Kerosene	253,128	276,832	281,681
Fuel oil, etc.	268,134	241,733	248,932
Lubricating oil	22,451	14,577	20,678
Petroleum jelly	298	182	131
Paraffin wax	482	571	662
Ozokerite and ceresin	11	8	7
Asphalt and bitumen	6,042	7,282	16,588
French Equatorial Africa—			
Motor spirit	4,941	6,276	5,746
Kerosene	1,024	1,316	1,531

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
French Equatorial Africa—(cont.)			
Gas oil	1,642	1,745	5,746
Fuel oil		971	1,531
Lubricating oil		829	910
Road oil		6	2
Grease		31	48
Asphalt and bitumen	185	—	—
French Somaliland—			
Motor spirit	398	650	1,402
Kerosene	272	295	421
Lubricating oil	550	640	740
French Togoland—			
Crude petroleum	87	58	88
Motor spirit	782	952	941
Kerosene	890	958	1,248
Fuel oil	322	410	561
Lubricating oil	110	82	152
French West Africa—			
Motor spirit	16,146	21,836	28,380
Kerosene	9,358	5,934	8,161
Fuel oil (b)	375,882	463,179	667,137
Lubricating oil	2,846	2,802	4,129
Asphalt and bitumen	1,973	1,394	487
Liberia—			
Motor spirit, etc.	451	(a)	792
Kerosene	434	(a)	301
Fuel oil, etc.	21	(a)	373
Lubricating oil	41	(a)	44
Madagascar—			
Motor spirit	6,651	6,589	8,197
Kerosene	2,936	2,585	3,924
Fuel oil, gas oil, etc.	829	1,351	1,693
Road oil, etc.	245	475	300
Lubricating oil	1,005	1,104	1,225
Other heavy oils	6	10	1
Petroleum jelly	9	7	4
Asphalt	113	64	8
Morocco (French)—			
Motor spirit	90,841	95,047	96,953
Kerosene	12,833	12,268	11,934
Gas oil	13,787	15,110	18,922
Diesel oil	779	467	124
Fuel oil	486	726	2,427

(a) Information not available.

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

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Morocco (French)—(cont.)			
Transformer oil	183	69	114
Lubricating oil and grease	5,207	4,930	6,471
Paraffin wax	3,880	3,685	6,148
Petroleum jelly	17	22	7
Road oil, etc.	228	4,428	5,644
Asphalt and bitumen	13,406	7,105	5,358
Morocco (Spanish)—			
Crude petroleum	(a)	10	—
Motor spirit	(a)	4,461	4,935
Kerosene	(a)	985	1,034
Gas oil	(a)	1,756	1,195
Lubricating oil and grease	(a)	270	255
Paraffin wax	(a)	31	126
Asphalt	(a)	69	94
Mozambique—			
Motor spirit	4,836	5,825	9,562
Kerosene	2,445	2,595	2,920
Fuel oil	2,433	3,127	3,503
Lubricating oil	1,460	1,196	1,646
Paraffin wax	26	49	46
Asphalt and bitumen	246	182	253
Portuguese Guinea—			
Motor spirit	(a)	(a)	610
Kerosene	(a)	(a)	190
Fuel oil	(a)	(a)	368
Lubricating oil	(a)	(a)	61
Réunion—			
Motor spirit	2,650	3,675	2,260
Kerosene	810	792	773
Heavy oils	338	312	295
St. Thomé and Príncipe—			
Motor spirit	154	(a)	(a)
Kerosene	135	(a)	(a)
Tunis—			
Motor spirit	39,343	38,674	42,385
Kerosene	24,527	22,535	23,869
Fuel oil and gas oil	22,468	26,891	30,959
Road oil	4,246	5,612	3,462
Lubricating oil	4,148	3,945	5,196
Petroleum jelly	6	16	13
Paraffin wax	17	14	35
Asphalt and bitumen	979	1,100	1,159

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Costa Rica (total imports)—			
Crude petroleum	14,807	23,223	25,580
Motor spirit	4,848	6,093	7,050
Diesel oil	778	1,037	2,762
Paraffin wax	957	1,158	1,246
Asphalt	709	984	650
Cuba (total imports)—			
Crude petroleum	76,855	125,084	(a)
Motor spirit	66,597	72,735	(a)
Kerosene	27	575	(a)
Fuel oil	479,023	545,358	(a)
Gas oil	21	2	(a)
Lubricating oil	7,701	7,021	(a)
Residual oils	301	147	(a)
Petroleum jelly	314	321	(a)
Greases	325	90	(a)
Paraffin wax	1,261	1,367	(a)
Asphalt rock	45	42	(a)
Other asphalt	3,125	136	(a)
Dominican Republic (total imports)—			
Motor spirit	8,749	11,037	10,692
Kerosene	3,738	4,286	4,435
Fuel oil	25,692	25,263	23,577
Lubricating oil	1,146	1,261	1,568
Other oils	614	1,147	1,016
French West Indies—			
Guadeloupe—			
Motor spirit	3,197	3,347	(a)
Kerosene	1,336	1,260	(a)
Fuel oil	579	820	(a)
Martinique—			
Motor spirit	5,514	5,987	6,053
Kerosene	1,445	1,541	1,737
Fuel oil	2,229	2,312	3,684
Lubricating oil	298	321	426
Road oil	536	115	174
Guatemala—			
Crude petroleum, etc.	33,728	75,420	50,731
Motor spirit	7,958	9,336	11,873
Kerosene	2,811	3,216	3,813
Fuel oil	173	177	149

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Guatemala—(cont.)			
Diesel oil	247	614	1,182
Lubricating oil	533	691	960
Grease	77	81	98
Asphalt	11	153	201
Paraffin wax, etc.	1,102	1,356	1,407
Haiti (years ended September 30)—			
Motor spirit	6,399	4,141	9,911
Kerosene	3,405	3,279	4,275
Fuel oil	2,407	4,399	5,418
Lubricating oil	396	371	942
Honduras (years ended July 31)—			
Motor spirit	9,921	6,089	5,802
Kerosene, etc.	4,380	4,396	10,880
Fuel oil	116,022	91,231	94,863
Lubricating oil	763	725	876
Mexico—			
Crude petroleum	42,356	38,479	12,713
Motor spirit	19,356	14,355	14,395
Kerosene	2,256	1,742	986
Fuel oil and gas oil	107,893	108,587	214,325
Paraffin wax	7,010	4,909	11,961
Lubricating oil, etc.	9,853	10,900	15,092
Petroleum jelly	233	315	449
Asphalt	350	718	859
Natural gas (1,000 cu. feet)	7,697,527	7,758,944	4,470,545
Netherlands West Indies—			
Crude petroleum	17,015,837	18,493,552	21,595,000
Motor spirit	142,825	211,592	203,000
Kerosene	122,754	107,632	1,700
Fuel oil	721,990	704,404	639,000
Diesel oil	—	169	8,100
Gas oil	139,193	180,231	811,000
Lubricating oil	776	920	280
Nicaragua (total imports)—			
Crude petroleum	16,527	15,069	26,981
Motor spirit	2,805	2,952	3,692
Kerosene	2,187	2,003	2,467
Lubricating oil	442	331	524
Panama—			
Crude petroleum	19,000	(a)	(a)
Motor spirit	15,400	(a)	(a)

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Panama—(cont.)			
Kerosene	2,900	(a)	(a)
Diesel oil	500	(a)	(a)
Lubricating oil	7,140	(a)	(a)
Mineral grease	65	(a)	(a)
Asphalt, tar and pitch	150	(a)	(a)
Paraffin wax	43	(a)	(a)
Petroleum jelly	15	(a)	(a)
St. Pierre and Miquelon—			
Motor spirit	400	450	762
Gas oil and fuel oil	787	500	844
Salvador—			
Crude petroleum	9,649	(a)	(a)
Motor spirit	4,833	(a)	(a)
Kerosene	2,354	(a)	(a)
Diesel oil	1,369	(a)	(a)
Lubricating oil and grease	544	(a)	(a)
Asphalt	522	(a)	(a)
Paraffin wax	302	(a)	(a)
United States—			
Crude petroleum	4,621,000	4,708,000	3,901,000
Motor spirit, etc.	1,073	71	423
Kerosene	1,012	115	2
Fuel oil, including topped oils	3,228,152	3,450,132	4,324,366
Unfinished distillates	28,500	232,100	392,000
Lubricating oil, etc.	1,001	1,384	1,716
Road oil, etc.	(a)	(a)	77,000
Paraffin wax, etc.	8,612	6,985	16,219
Mineral wax	2,738	2,966	3,271
Petroleum jelly	21	36	9
Asphalt and bitumen	48,189	19,284	25,592
Natural gas (1,000 cu. ft.)	98,010	91,999	245,322
Argentina—			
Crude petroleum	401,173	430,718	559,646
Motor spirit	2,924	824	20,562
Kerosene	1,278	402	445
Gas oil	1,499	5,359	6,398
Fuel oil	648,802	769,855	785,796
Diesel oil	377,387	274,538	323,855
Lubricating oil	12,796	9,572	9,923
Petroleum jelly	282	374	285

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Argentina—(cont.)			
Grease	291	169	231
Paraffin wax	4,649	5,281	4,944
Ozokerite and ceresin	36	51	45
Asphalt rock	—	—	8,415
Asphalt for paving	4,721	457	557
Asphalt for roofing	2,055	2,007	3,039
Other asphalt and bitumen	147	12	96
Pitch	27	30	139
Bolivia—			
Motor spirit	6,000	(a)	(a)
Kerosene	1,400	(a)	(a)
Fuel oil	23,600	(a)	(a)
Lubricating oil	2,000	(a)	(a)
Paraffin wax	1,181	(a)	(a)
Petroleum jelly	10	(a)	(a)
Asphalt, etc.	126	(a)	(a)
Brazil (total imports)—			
Crude petroleum	2,339	12,729	37,510
Aviation spirit	—	99	—
Motor spirit	271,964	320,263	351,469
Kerosene	92,406	86,160	112,504
Fuel oil	429,816	524,272	547,986
Lubricating oil	34,005	30,887	38,106
Transformer oil	1,096	1,129	1,273
Petroleum jelly	368	297	416
Greases	201	334	306
Paraffin wax	1,097	974	1,215
Asphalt and bitumen	6,692	10,515	10,439
Chile—			
Crude petroleum	325,082	356,498	623,622
Motor spirit	71,254	65,041	74,024
Kerosene	7,181	6,941	8,514
Diesel oil	49,019	18,779	36,425
Lubricating oil	9,792	9,218	11,455
Petroleum jelly	116	81	102
Greases	427	271	500
Ozokerite	6	3	7
Natural asphalt	258	535	1,160
Paraffin wax	7,742	5,632	5,127
Tar and pitch	1,980	1,071	2,753

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Colombia—			
Motor spirit	7,188	7,211	5,562
Kerosene	30	10	25
Fuel oil and gas oil	11,147	11,590	13,359
Lubricating oil, etc.	2,718	3,117	3,332
Petroleum jelly	87	91	97
Paraffin wax	5,211	7,258	6,922
Asphalt	159	235	358
Dutch Guiana—			
Motor spirit	516	624	612
Kerosene	945	1,056	995
Gas oil	755	575	937
Fuel oil, etc.	2,161	4,296	6,554
Lubricating oil	103	183	191
Grease	8	24	9
Ecuador—			
Crude petroleum	21,000	(a)	(a)
Motor spirit	115	(a)	(a)
Lubricating oil and greases	904	(a)	(a)
Paraffin wax, etc.	1,338	(a)	(a)
Petroleum jelly	38	(a)	(a)
Asphalt and bitumen	499	(a)	(a)
French Guiana—			
Motor spirit	492	511	481
Kerosene	490	500	562
Fuel oil, etc.	88	273	78
Paraguay—			
Motor spirit	3,238	(a)	(a)
Kerosene	1,482	(a)	(a)
Lubricating oil	2,142	(a)	(a)
Peru—			
Crude petroleum	10	11,303	25,667
Motor spirit and kerosene	10,308	4,596	2,569
Lubricating oil	2,134	2,738	2,986
Petroleum jelly	49	84	98
Paraffin wax	3,513	3,485	4,126
Asphalt and bitumen	745	556	319
Greases	147	174	231
Uruguay—			
Motor spirit, etc.	73,011	74,701	59,907
Kerosene	30,515	34,196	25,177
Gas oil	4,183	3,276	2,677

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Uruguay—(cont.)			
Fuel oil	144,852	183,438	223,609
Lubricating oil and greases	4,521	4,618	3,737
Paraffin wax	179	448	—
Petroleum jelly	55	25	(a)
Asphalt and bitumen	2,177	3,102	2,023
Venezuela—			
Motor spirit	437	269	(a)
Kerosene	3	3	(a)
Fuel oil	127	124	(a)
Lubricating oil	1,853	1,977	(a)
Asphalt and bitumen	29	108	(a)
Paraffin wax	1,594	2,187	(a)
Tar and pitch	22	20	(a)
China—			
Motor spirit	111,927	124,246	149,575
Turpentine substitute	1,079	1,194	1,660
Kerosene	309,404	316,205	358,352
Fuel oil	88,818	67,562	47,590
Diesel and solar oils	303,063	240,967	207,316
Lubricating oil	34,562	43,645	41,660
Paraffin wax	30,179	26,062	33,690
Asphalt	12,562	11,671	10,651
Greases	1,375	1,193	1,705
Formosa—			
Crude and heavy oils	31,440	24,696	(a)
Motor spirit	8,764	7,974	(a)
Kerosene, etc.	21,560	14,633	(a)
Lubricating oil	6,551	7,089	(a)
Paraffin wax	8	—	(a)
Greases	375	369	(a)
French Indo-China—			
Motor spirit	28,995	29,088	31,623
Kerosene	35,056	37,901	38,477
Fuel oil and gas oil	10,675	14,772	17,267
Lubricating oil, etc.	4,783	4,939	4,939
Road oil, etc.	7,710	12,604	11,644
Petroleum jelly	39	37	34
Ozokerite and ceresin	8	9	6
Paraffin wax	1,154	1,393	1,949
Asphalt and bitumen	14	22	408
Petroleum coke	35	3	5

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Iran (c) (b)—			
Crude petroleum	267	1,020	151
Motor spirit	14,032	7,917	6,973
Kerosene	30,763	17,430	19,208
Fuel oil	3,207	3,403	11,035
Lubricating oil	2,777	1,197	} 3,836
Greases	3,116	2,915	
Paraffin wax and petroleum jelly	55	70	153
Asphalt, tar and bitumen ..	159	1,627	6,882
Iraq—			
Motor spirit	7,552	6,179	6,698
Kerosene	5,654	7,466	8,432
Fuel oil	64,075	65,363	49,124
Lubricating oil	3,872	3,754	4,953
Greases	154	155	130
Asphalt and bitumen	1,304	623	725
Japan (c) (d)—			
Crude oils	3,124,956	3,484,761	(a)
Motor spirit, etc.	430,000	472,500	(a)
Kerosene, etc.	80,900	60,200	(a)
Lubricating oil, etc.	26,200	34,000	(a)
Other oils	13,285	21,000	(a)
Petroleum jelly	639	751	866
Paraffin wax	17,960	22,445	18,281
Pitch and asphalt	6,149	6,319	6,691
Korea (c)—			
Crude and heavy oils	117,532	227,766	(a)
Motor spirit	61,364	58,589	(a)
Kerosene	56,602	54,876	(a)
Lubricating oil	19,156	17,368	(a)
"Manchoukuo"—			
Crude petroleum	(a)	118,349	155,243
Motor spirit	24,627	10,630	47,999
Kerosene	12,264	11,353	69,254
Other refined petroleum	3,476	1,646	761
Fuel oil	44,742	19,910	20,661
Lubricating oil	18,394	17,754	17,810
Paraffin wax	4,951	3,574	6,784
Asphalt and bitumen	4,922	2,580	2,821

(a) Information not available.

(b) Years ended June 21.

(c) Total imports.

(d) Excluding fuel oil imported on government account.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Netherlands East Indies—			
Crude petroleum	—	29	6
Motor spirit	57,786	48,540	47,035
Kerosene	13,761	12,012	10,562
Fuel and motor oils	75,563	67,605	68,867
Lubricating oil	9,847	10,353	11,753
Petroleum jelly	111	72	135
Greases	592	708	1,071
Paraffin wax	481	160	56
Ceresin	3	2	1
Pitch	22	2	17
Asphalt	10,132	18,466	15,059
Philippine Islands—			
Motor spirit	114,214	104,589	95,307
Kerosene	69,905	62,553	56,530
Fuel oil	328,206	312,683	269,049
Other light oils	50	380	60
Lubricating oil	9,742	10,133	12,021
Residual oils	2,383	870	1,835
Mineral wax	2,803	3,280	1,936
Asphalt	10,044	7,886	6,836
Portuguese India—			
Motor spirit	1,442	(a)	(a)
Kerosene	2,866	(a)	(a)
Other oils	1,163	(a)	(a)
Siam (total imports)—			
Motor spirit	15,454	18,937	19,020
Kerosene	31,870	40,637	30,914
Fuel oil	14,562	15,780	19,685
Diesel oil	19,419	33,528	34,719
Lubricating oil	6,367	5,925	6,229
Grease	242	266	319
Paraffin wax	898	1,095	1,292
Asphalt	1,866	1,184	2,973
Syria and Lebanon—			
Motor spirit	35,491	36,584	37,052
Kerosene	32,216	34,308	29,559
Fuel oil and diesel oil	23,267	21,560	19,316
Lubricating oil	2,508	2,587	3,498
Paraffin wax	113	87	74
Petroleum jelly	44	31	48
Asphalt and bitumen	4,908	2,956	3,763

(a) Information not available.

IMPORTS OF PETROLEUM AND ALLIED PRODUCTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Turkey—			
Crude petroleum	56	283	1
Motor spirit	25,251	27,071	37,155
Kerosene	30,344	30,370	39,379
Heavy oil, etc.	43,890	46,948	55,162
Paraffin wax and petroleum jelly ..	1,137	1,185	602
Ozokerite	28	40	31
New Caledonia—			
Motor spirit	1,703	1,667	1,677
Kerosene	587	554	595
Lubricating oil, etc.	622	1,289	1,242

PHOSPHATES

PRODUCTION OF PHOSPHATE-ROCK

(Long tons)

Producing Country.	1935	1936	1937	Estimated Tribasic Phosphate of Lime Content or equivalent.		
				1935	1936	1937
BRITISH EMPIRE						
Tanganyika	191	—	102	(a)	—	(a)
Seychelles (exports) ..	9,923	23,564	9,442	(a)	(a)	(a)
Canada	166	469	89	138	390	74
India	102	128	166	83	104	134
Christmas Island ..	147,929	161,440	162,568	125,900	137,600	138,500
Australia	235	175	20	127	95	11
Nauru Island	480,950	547,400	688,900	409,300	465,900	586,300
Ocean Island	228,100	403,100	398,800	202,100	357,100	353,300
Total	868,000	1,160,000	1,260,000			
FOREIGN COUNTRIES						
Belgium (b)	15,531	15,836	(a)	7,100	7,300	(a)
Estonia	11,458	11,228	9,952	5,007	4,907	4,349
France	49,300	54,000	101,747	32,000	35,000	66,000
Germany	177	1,043	3,262	100	570	1,780
Poland	11,457	12,300	(a)	5,007	5,400	(a)
Roumania (e)	2,740	(a)	(a)	(a)	(a)	(a)
U.S.S.R. (d)	1,800,000	2,178,900	(a)	1,200,000	1,455,700	(a)
Algeria	594,326	523,000	621,180	397,000	349,000	395,000
Egypt	466,411	522,644	508,837	317,000	355,000	346,000
Madagascar	6,000	5,200	(a)	4,500	3,900	(a)
Morocco (French) ..	1,134,117	1,314,087	1,356,735	861,000	998,000	1,030,000
Tunis	1,470,000	1,472,000	1,757,100	900,000	900,000	1,050,000
Netherlands West Indies (exports) ..	89,276	76,897	100,229	77,000	66,000	86,500
United States	3,159,328	3,462,837	4,261,416	2,278,000	2,497,000	3,072,000
Formosa	—	210	(a)	—	(a)	(a)

(a) Information not available.

(b) In addition phosphatic chalk was produced as follows:—

1935	62,979 long tons.
1936	58,737 " "

(d) Figures refer to concentrates of apatite and phosphate-rock plus the ground phosphate used directly as a fertilizer. The production of phosphate-rock before concentration was:—

	1935.	1936.
Apatite	1,530,700	(a)
Other phosphate-rock	1,722,700	1,764,400

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

PRODUCTION OF PHOSPHATE-ROCK (Cont.)

Producing Country.	1935	1936	1937	Estimated Tribasic Phosphate of Lime Content or equivalent		
				1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
French Indo-China ..	(b)5,795	9,200	19,930	4,350	6,900	14,950
China (estimated) ..	8,000	8,000	8,000	6,500	6,500	6,500
Japan	89,807	111,315	(a)	73,600	91,300	(a)
Netherlands East Indies	11,371	11,881	25,754	6,800	7,500	16,300
Philippine Islands ..	1,169	444	(a)	920	350	(a)
Angaur Island (exports)	76,878	87,817	89,220	61,500	70,200	71,400
French Oceania ..	133,800	145,000	160,000	112,000	120,000	134,000
New Caledonia ..	9,000	2,200	—	6,750	1,500	—
Total	9,100,000	10,000,000	(a)			
WORLD'S TOTAL	10,000,000	11,100,000	(a)			

(a) Information not available.

(b) Amount ground.

PRODUCTION OF SUPERPHOSPHATES
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (c)	564,600	578,133	600,335
Union of South Africa	129,394	137,901	161,099
Canada (d)	44,556	40,135	59,792
Australia (d)	810,000	1,092,787	1,257,526
New Zealand (b)	322,522	347,469	402,076
FOREIGN COUNTRIES			
Austria	41,000	43,581	32,535
Belgium	225,000	283,000	288,000
Czechoslovakia	182,787	156,988	149,832
Denmark	333,000	351,000	347,000
Finland	2,085	6,267	5,228
France	1,066,800	1,366,587	1,343,599
Germany (estimated)	700,000	935,000	935,000
Greece	62,591	77,366	68,415
Hungary	34,000	41,200	30,000
Italy	1,241,887	1,311,493	1,345,165
Latvia	67,860	69,482	111,477
Lithuania	31,000	19,000	41,000
Netherlands	521,000	466,922	528,857
Norway	26,374	19,970	18,165
Poland	98,933	122,639	192,304
Portugal	280,000	179,000	260,000
Roumania	5,589	3,417	5,174
Spain	1,048,000	(e) 453,000	(e) 305,000
Sweden	243,147	210,102	237,486
Switzerland	16,546	19,186	18,423
U.S.S.R.	1,149,072	1,236,000	(a)
Yugoslavia	11,142	21,127	26,000
Algeria	44,725	40,180	(a)
Egypt	—	—	12,376
Tunis	30,983	20,000	(a)
Morocco	12,000	(a)	(a)
United States	2,637,616	3,046,863	3,955,149
Uruguay	980	1,240	2,827
Japan	1,522,303	1,772,197	(f) 2,080,950

(a) Information not available.

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

(c) Including Eire.

(d) Years ended June 30.

(e) Estimated.

(f) Including phosphate in compounds.

PRODUCTION OF BASIC SLAG

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)	272,000	297,000	404,000
Eire	—	1,230	1,458
FOREIGN COUNTRIES			
Belgium (estimated)	560,000	595,000	812,000
Czechoslovakia	122,842	143,155	159,994
France	925,375	1,019,000	1,199,000
Germany	1,992,963	2,241,428	2,333,000
Italy	1,703	1,095	827
Luxemburg	389,444	424,267	524,047
Poland	1,420	(a)	4,000
Sweden	15,011	15,465	15,197
U.S.S.R.	40,148	(a)	(a)
United States (estimated)	25,000	35,000	35,000

(a) Information not available.

(b) Estimated amount ground and used as fertilizers.

EXPORTS OF PHOSPHATES, ETC.

*(Domestic Produce)**(Long tons)*

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Superphosphates	22,744	20,031	22,514
Basic slag	28,840	87,205	233,415
Seychelles—			
Phosphatic guano	9,923	23,564	9,442
British Malaya (including re-exports)—			
Phosphate-rock	146,982	155,185	151,939
Australia—			
Superphosphates	1,818	1,860	3,527
New Zealand—			
Superphosphates	—	55	(a)
Nauru and Ocean Islands—			
Phosphate-rock	709,050	950,500	1,087,700
FOREIGN COUNTRIES			
Austria—			
Phosphate-rock	—	—	15
Basic slag	—	22	—
Belgium-Luxemburg E.U.—			
Phosphate-rock	45,050	43,216	43,424
Superphosphates	131,154	172,261	164,569
Basic slag	959,474	972,675	1,201,085
Czechoslovakia—			
Phosphate-rock	—	—	2
Superphosphates	118	83	24
Basic slag	488	11,006	22,749
Denmark—			
Superphosphates	11,743	6,426	13,974
Estonia—			
Phosphate-rock	—	—	130
France—			
Phosphate-rock	136	203	462
Superphosphates	22,255	27,477	30,404
Basic slag	600,045	334,228	458,295
Germany—			
Phosphate-rock, etc.	21	—	—
Superphosphates	35,838	36,478	27,367
Basic slag	25,066	14,576	1,845
Greece—			
Superphosphates	6,972	14,902	22,004

(a) Information not available.

EXPORTS OF PHOSPHATES, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Phosphate-rock	29	22	—
Superphosphates, including bone superphosphates	1,671	1,827	1,838
Latvia—			
Superphosphates	—	—	760
Lithuania—			
Basic slag, etc.	117	56	—
Netherlands—			
Superphosphates	(b) 374,842	383,488	456,628
Basic slag	1,016	2	1
Norway—			
Superphosphates	244	118	225
Poland—			
Phosphate-rock	180	44	—
Superphosphates	20,755	16,383	19,033
Portugal—			
Superphosphates	3	11	17
Spain—			
Superphosphates	100	(a)	(a)
Sweden—			
Superphosphates	15,171	14,501	5,297
Switzerland—			
Basic slag	52	11	239
U.S.S.R.—			
Apatite	379,592	498,607	} 612,278
Other phosphate-rock	1	2,335	
Superphosphate	39,668	32,245	
Basic slag	27,208	1,196	
Yugoslavia—			
Phosphate-rock	810	—	—
Superphosphates	31	23	20
Algeria—			
Phosphate-rock	497,031	554,508	563,269
Superphosphates	22,237	21,595	23,171
Egypt—			
Phosphate-rock	458,349	535,484	440,333
Madagascar—			
Phosphate-rock	—	4,429	3,130

(a) Information not available.

(b) Including re-exports.

EXPORTS OF PHOSPHATES, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Morocco (French)—			
Phosphate-rock	1,276,797	1,182,346	1,529,670
Superphosphates	3,113	2,508	998
Tunis (including re-exports)—			
Phosphate-rock	1,440,646	1,654,117	1,897,345
Superphosphates	327	—	—
Netherlands West Indies—			
Phosphate-rock	89,276	76,897	100,229
United States—			
Phosphate-rock	1,104,394	1,208,951	1,052,802
Superphosphates	54,965	68,368	78,949
Angaur Island—			
Phosphate-rock	76,878	87,817	89,220
French Oceania—			
Phosphate-rock	128,294	121,594	156,332
Japan—			
Superphosphates	28,799	25,937	32,278
New Caledonia—			
Phosphate-rock	8,858	2,200	303

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Phosphate-rock	383,875	427,490	445,887
Superphosphates	30,466	29,038	23,137
Basic slag	8,703	2,492	1,319
Eire—			
Phosphate-rock	63,456	72,170	87,449
Superphosphates	14,957	8,191	8,652
Basic slag	7,616	15,143	16,595
Mauritius—			
Phosphatic guano	1,255	1,297	1,607
Southern Rhodesia—			
Superphosphates	5,934	5,941	7,919
Union of South Africa—			
Phosphate-rock	88,127	78,134	116,678
Superphosphates	75,871	100,532	86,175
Basic slag	3,525	3,384	6,085
Canada—			
Phosphate-rock	56,709	74,530	101,759
Superphosphates	67,188	85,774	89,934
Basic slag	7,184	11,377	10,681
British West Indies—			
Trinidad and Tobago—			
Phosphate-rock	(a)	219	160
Superphosphates	27	55	378
Basic slag	55	58	260
British Guiana—			
Superphosphates, basic slag, etc.	2,933	2,487	2,378
British India—			
Superphosphates	4,914	6,300	7,762
British Malaya—			
Phosphate-rock	1,184	3,704	8,853
Ceylon—			
Phosphate-rock	9,969	10,698	13,897
Superphosphates	1,942	2,047	2,709
Basic slag	633	293	782
Palestine—			
Superphosphates, etc.	(a)	2,076	3,160
Australia—			
Phosphate-rock	434,098	603,730	697,111
Superphosphates	—	3	—

(a) Information not available.

IMPORTS OF PHOSPHATES, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
New Zealand—			
Phosphate-rock	199,946	218,160	(a)
Basic slag	16,369	70,025	(a)
Other phosphates	11,005	7,941	(a)
FOREIGN COUNTRIES			
Austria—			
Phosphate-rock	18,278	23,569	17,592
Superphosphates	17	110	10
Basic slag	33,821	37,490	41,650
Belgium-Luxemburg E.U.—			
Phosphate-rock	248,347	304,511	347,546
Superphosphates	11,824	26,080	23,789
Basic slag	143,087	119,215	151,549
Czechoslovakia—			
Phosphate-rock	110,893	129,416	91,705
Superphosphates	268	—	—
Basic slag	28,090	11,166	112
Denmark—			
Phosphate-rock	196,040	209,026	198,913
Superphosphates	20,643	10,972	19,395
Basic slag	492	540	47
Estonia—			
Superphosphates	29,352	27,755	39,351
Finland (total imports)—			
Phosphate-rock	35,172	29,408	36,381
Superphosphates	35,152	23,004	53,962
Basic slag	25,640	18,632	40,549
France—			
Phosphate-rock	699,142	817,056	996,954
Superphosphates	47,827	54,849	40,354
Basic slag	80,468	64,223	65,650
Germany—			
Phosphate-rock, etc.	729,284	1,107,382	985,102
Superphosphates (b)	61,624	57,689	56,374
Basic slag	607,735	427,971	569,143
Greece—			
Phosphate-rock	37,663	54,870	48,516
Superphosphates	8,771	12,712	17,224
Hungary—			
Phosphate-rock	26,968	46,522	32,111
Iceland—			
Superphosphates	79	(a)	(a)

(a) Information not available.

(b) Figures supplied by the International Superphosphate Manufacturers' Association.

IMPORTS OF PHOSPHATES, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Phosphate-rock	641,256	758,041	910,123
Superphosphates, including bone superphosphates	13,042	—	9,983
Basic slag	12,748	118	33,633
Latvia—			
Phosphate-rock	41,177	50,701	52,794
Superphosphates	—	9,742	17,753
Basic slag	12,702	17,653	23,613
Lithuania—			
Phosphate-rock	15,899	14,189	32,045
Superphosphates	38,849	45,430	48,559
Basic slag	5,744	1,189	5,779
Netherlands—			
Phosphate-rock	359,391	362,754	422,049
Superphosphates	34,812	49,273	48,556
Basic slag	417,657	386,878	418,773
Norway—			
Phosphate-rock	20,149	16,462	20,390
Superphosphates	38,994	48,463	56,519
Basic slag	2,605	4,503	5,636
Poland—			
Phosphate-rock	49,407	129,748	137,867
Superphosphates	123	69	24
Basic slag	11,928	40,207	66,648
Portugal—			
Phosphate-rock	114,756	78,389	134,657
Superphosphates	3,336	4,412	(a)
Roumania—			
Phosphate-rock	—	2,805	1,454
Superphosphates	18	—	—
Spain—			
Phosphate-rock	585,177	(b) 257,684	(b) 184,782
Superphosphates	9,602	(a)	(a)
Basic slag	3,439	(a)	(a)
Sweden—			
Phosphate-rock	152,043	131,719	148,889
Superphosphates	13,865	31,444	50,813
Basic slag	256	1,705	1,090
Switzerland—			
Phosphate-rock	12,399	19,367	22,807
Superphosphates	7,639	4,418	4,661
Basic slag	126,058	93,868	108,014

(a) Information not available.

(b) Exports from various countries to Spain.

IMPORTS OF PHOSPHATES, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—			
Phosphate-rock	(b)11,167	11,888	8,187
Basic slag	118	280	251
Algeria—			
Phosphate-rock	—	657	826
Superphosphates	14,742	20,817	25,394
Basic slag	566	1,383	2,984
Egypt—			
Phosphate-rock	98	—	984
Superphosphates	79,771	85,281	72,087
Morocco (French)—			
Superphosphates, etc.	729	301	42
Basic slag	1,417	1,927	1,316
Tunis—			
Superphosphates	4,856	4,262	4,523
Basic slag	187	451	689
Cuba—			
Superphosphates, etc.	15,745	9,404	17,486
Martinique—			
Superphosphates	1,000	1,280	(a)
United States—			
Phosphate-rock	3,699	3,100	—
Superphosphates	20,543	18,395	57,930
Basic slag	1,078	758	714
Chile—			
Superphosphates	20	1,969	1,278
China—			
Superphosphates	958	2,986	4,121
Formosa—			
Phosphate-rock	3,000	4,968	(a)
Superphosphates	61,694	60,571	(a)
French Indo-China—			
Phosphate-rock	—	984	2,809
Superphosphates	5	1,364	2,085
Japan (total imports)—			
Phosphate-rock	745,714	816,707	907,750
Korea (total imports)—			
Phosphate-rock	49,173	58,641	69,570
Superphosphates	91,685	111,444	118,237
Netherlands East Indies—			
Superphosphates	4,042	3,671	5,641
Philippine Islands—			
Superphosphates	1,259	745	736
Syria and Lebanon—			
Phosphates.. .. .	890	323	649

(a) Information not available.

(b) Estimated.

PLATINUM

 PRODUCTION OF PLATINUM METALS
 (Troy ounces)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Sierra Leone—			
Crude platinum	750	484	308
Union of South Africa—			
Crude (<i>Pt metals content</i>)	19,954	19,751	17,776
Concentrates (<i>Pt metals content</i>)	11,318	13,164	21,849
Osmiridium (crude) (<i>c</i>)	5,047	5,431	5,790
Canada—			
Crude platinum (<i>Pt content</i>)	39	20	22
Recovered from Ontario nickel-copper matte:			
Platinum	105,335	131,551	139,355
Other platinum metals	84,772	103,671	119,829
New South Wales—			
Crude platinum	98	47	46
Tasmania—			
Osmiridium (crude)	235	281	586
New Zealand—			
Crude platinum	14	29	55
Papua—			
Crude platinum	(<i>d</i>) 46	24	20
Osmiridium (crude)	(<i>d</i>) 9	—	8
FOREIGN COUNTRIES			
U.S.S.R.—			
Crude platinum (estimated)	100,000	100,000	100,000
Abyssinia (<i>b</i>)—			
Crude platinum	5,350	8,038	(<i>a</i>)

(*a*) Information not available.

(*b*) Amount registered, which is probably not total production.

(*c*) 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):—

	1935	1936	1937
Osmium	1,731	1,670	1,695
Iridium	1,501	1,432	1,493
Ruthenium	694	730	764
Platinum	594	641	639
Rhodium	29	25	27

(*d*) Year ended June 30

PRODUCTION OF PLATINUM METALS (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgian Congo—			
Palladium	5,144	12,571	12,506
Platinum	965	3,183	2,122
United States (b)—			
Crude platinum	9,069	9,785	9,997
Ore (<i>Pt metals content</i>)	—	110	124
New platinum metals recovered by refineries from gold and copper ores of domestic origin—			
Platinum	1,361	4,443	4,761
Palladium	1,115	4,505	5,776
Iridium, osmiridium, etc. ..	7	36	41
Colombia—			
Crude platinum	38,628	38,333	29,315
Panama—			
Crude platinum	16	19	267
Japan—			
Crude platinum	51	34	(a)
Palladium	11	(a)	(a)
Iridium	2	(a)	(a)

(a) Information not available.

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

	1935	1936	1937
Platinum	47,107	55,959	55,926
Palladium	7,852	6,786	12,680
Iridium	2,191	2,204	2,320
Other platinum metals	1,975	1,217	1,280

EXPORTS OF PLATINUM.*

(Domestic Produce)

(Troy ounces)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ingots, grain and powder	18,419	16,086	10,530
Other kinds, including alloys	25,069	14,486	10,030
Sierra Leone—			
Unrefined platinum	556	375	227
Union of South Africa—			
Osmiridium	5,176	5,113	5,123
Platinum	32,934	27,950	29,665
Canada—			
Concentrates, etc.(b)	(£1,026,996)	(£1,375,817)	(£1,695,303)
Scrap	618	317	671
Australia—			
Bars, blocks, rods, plates, etc.	338	491	791
Osmiridium	188	135	182
New Zealand—			
Platinum (jewellers' sweepings)	27	50	69
Papua (years ended June 30)—			
Osmiridium	9	—	5
Platinum	46	21	8
FOREIGN COUNTRIES			
Austria—			
Ingots, sheets and wire	—	—	60
Belgium-Luxemburg E.U.—			
Unwrought platinum	(£80,000)	(£90,900)	(£120,400)
Czechoslovakia—			
Unwrought platinum and scrap	354	257	772
France—			
Unwrought platinum and scrap	25,817	15,014	10,545
Drawn or rolled platinum	8,649	10,256	10,320
Germany—			
Platinum metals and alloys	102,288	32,553	23,512

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

(b) Excluding platinum contained in copper matte.

EXPORTS OF PLATINUM (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Italy—			
Sheets, bars, dust, scrap, etc. ..	2,056	403	559
Netherlands—			
Unwrought platinum	12,539	11,542	9,677
Poland—			
Ingots, sheets, wire, etc. ..	55	446	186
Sweden—			
Unwrought platinum	32	225	450
Switzerland—			
Unwrought platinum	23,212	14,950	13,696
U.S.S.R.	(b)	(b)	(b)
Belgian Congo—			
Platinum	7	40	1,415
Palladium	398	198	9,388
United States—			
Ingots, sheets, wire, etc. ..	3,271	55,454	59,567
Colombia—			
Platinum	38,605	38,334	29,315

(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) :—

	1935	1936	1937
United Kingdom ..	97,071	59,244	97,518
France	9,774	26,685	23,470
Germany	23,959	(a)	3,591
United States ..	25,033	4,750	17,189
Japan	15,123	19,917	(a)

IMPORTS OF PLATINUM*
(Less Re-exports)
(Troy ounces)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ingots, grain and powder	110,498	71,594	111,789
Other kinds, including alloys	(b) 34	183	1,636
Palladium, etc.	(a)	(a)	1,381
Canada—			
Bars, sheets, wire, etc.	(£11,350)	(£28,327)	(£59,847)
Palestine—			
Platinum	(£253)	(£247)	(£743)
Palladium	—	—	(£3,557)
Australia—			
Bars, rods, plates, etc.	1,361	3,477	21,534
New Zealand—			
Bars, sheets, wire, etc.	173	301	(a)
FOREIGN COUNTRIES			
Austria—			
Ingots, sheets and wire	6,400	2,500	1,800
Belgium-Luxemburg E.U.—			
Unwrought platinum	(£31,000)	(£40,700)	(£39,400)
Bulgaria—			
Ingots, bars, sheet and wire	16	4	3
Czechoslovakia—			
Unwrought platinum and scrap	643	225	129
Bars, plates, sheets and wire	707	386	643
Denmark—			
Rods, sheets and wire	900	96	322
Finland (total imports)—			
Unwrought platinum	146	169	208
France—			
Unwrought platinum and scrap	53,820	56,553	40,092
Drawn or rolled platinum	15,239	15,818	17,040
Germany—			
Ore	(£9,900)	(£28,600)	(£18,700)
Platinum metals and alloys	84,981	(c) 525,883	121,076
Hungary—			
Bars, sheets and wire	2,861	1,608	1,382

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

(a) Information not available.

(b) Excess of re-exports.

(c) Includes 451,567 ounces of low grade material from U.S.S.R.

IMPORTS OF PLATINUM (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Iridium	(a)	(a)	64
Bars, dust and scrap	12,239	2,205	2,107
Sheets and foil	392	—	129
Wire	43	5	8
Latvia—			
Ingots, sheets and wire	67	110	106
Netherlands—			
Unwrought platinum	18,840	14,243	13,696
Norway—			
Sheets, rolled and wire	96	611	247
Poland—			
Ingots, sheets, wire, etc.	3,613	2,194	2,629
Roumania—			
Ingots, sheets and wire	338	4	1
Spain (total imports)—			
Unwrought platinum	2,251	(a)	(a)
Bars, sheets, wire, etc.	106	(a)	(a)
Sweden—			
Unwrought platinum	506	488	335
Switzerland—			
Unwrought platinum	23,470	13,471	12,700
Yugoslavia—			
Ingots, sheets, wire, etc.	139	256	546
Egypt—			
Ingots, bars, sheets, etc.	1,187	1,493	1,230
United States—			
Ore (<i>Pt content</i>)	688	2,204	1,186
Ingots, sheets, etc.	121,862	155,134	147,609
Iridium	5,456	2,668	5,568
Osmium and osmiridium	4,699	6,047	3,672
Palladium	26,579	38,842	45,427
Rhodium and ruthenium	4,865	5,537	3,461
Brazil (total imports)—			
Ingots, sheets and wire	1,122	1,481	616
Chile—			
Ingots, bars, scrap, etc.	67	102	112
Venezuela—			
Unwrought platinum	38	57	(a)
Japan (total imports)—			
Platinum	22,955	24,317	(a)
Syria and Lebanon—			
Unwrought platinum	28	11	455

(a) Information not available.

POTASH MINERALS

PRODUCTION OF POTASH
(Long tons)

Producing Country and Description.	1935	1936	1937	K ₂ O Content or Equivalent.		
				1935	1936	1937
BRITISH EMPIRE						
Palestine—						
Muriate (chloride)	16,929	23,085	35,891	8,465	11,542	17,946
India—						
Nitrate (estimated)	9,600	8,800	8,900	4,400	4,100	4,200
Australia—						
Alunite	570	746	334	(a)	(a)	(a)
Total (estimated)				12,900	15,600	22,100
FOREIGN COUNTRIES						
France (b)—						
K ₂ O equivalent—						
Sylvinite, etc. :						
12-22% ..	505,597	466,253	651,463	} 341,785	359,432	482,064
30-40% ..	194,460	146,037	179,397			
50% and over ..	300,705	385,090	499,608			
Germany—						
Kainite, sylvinite, etc.	10,138,217	10,185,376	12,585,771	1,434,889	1,454,155	1,730,000
Carnallite, etc. ..	1,349,941	1,393,371	1,646,003	136,861	142,867	168,000
Italy—						
Alunite	2,059	3,913	3,445	200	400	350
Poland—						
Kainite	80,304	87,778	109,598	9,720	} 82,609	98,376
Sylvite	283,541	331,005	389,632	68,110		
Langbeinit	13,694	8,419	14,016	1,640		
Spain—						
Chlorides, etc. ..	243,590	(a)	(a)	119,455	(a)	(a)

(a) Information not available.

(b) Crude salts mined were as follows—1935—1,952,126 long tons.

1936—2,066,353 " "

1937—2,837,953 " "

PRODUCTION OF POTASH (Cont.)

Producing Country and Description.	1935	1936	1937	K ₂ O Content or equivalent.		
				1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
U.S.S.R.—						
Sylvinite (22%) ..	1,298,000	1,769,000	(a)	170,000	220,000	250,000
United States—						
Crude salts ..	319,620	385,241	434,009	172,137	220,839	254,015
Korea—						
Alunite (impure)	80,223	112,760	(a)	(a)	(a)	(a)
Total				2,460,000	2,600,000	3,000,000
WORLD'S TOTAL				2,470,000	2,600,000	3,000,000

(a) Information not available.

EXPORTS OF POTASH SALTS

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Fertilizer salts	169	232	198
Chromate and bichromate	546	402	350
Nitrate	1,564	1,255	958
Sulphate	1,009	684	761
Other compounds	565	576	769
Aden (including re-exports)—			
Compounds	308	230	264
British India—			
Nitrate	8,663	8,140	8,357
British Malaya (including re-exports)—			
Nitrate	293	368	345
Hong Kong (including re-exports)—			
Nitrate	666	536	803
Chlorate	1,111	1,127	2,205
Palestine—			
Chloride	17,838	19,480	28,650
FOREIGN COUNTRIES			
Austria—			
Carbonate	277	103	—
Caustic potash	1	—	—
Chloride	1	2	20
Nitrate	242	233	347
Belgium-Luxemburg E.U.—			
Fertilizer salts	133,970	117,275	115,855
Carbonate	2,472	1,875	3,341
Caustic potash and lyes	933	358	1,644
Chloride	151,589	137,107	151,463
Chlorate	231	344	238
Chromates, including those of sodium	577	452	245
Nitrate	167	3	264
Sulphate	68,058	69,866	71,969
Czechoslovakia—			
Carbonate	804	1,274	1,640
Chloride	1,388	228	260

EXPORTS OF POTASH SALTS (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Czechoslovakia—(<i>cont.</i>)			
Manganate and permanganate, including those of sodium ..	890	929	789
Nitrate	19	40	2
Sulphate	332	517	561
Finland—			
Chlorate	938	999	1,113
France—			
Carbonate	1,928	2,146	2,418
Caustic potash	8,176	8,710	7,706
Chloride	530,025	439,008	500,707
Nitrate	1,662	1,647	2,261
Permanganate	437	532	357
Sulphate	17,602	14,762	7,399
Germany—			
Fertilizer salts	599,466	633,332	768,948
Carbonate and wool grease ash ..	9,852	8,733	8,071
Caustic potash	18,069	15,620	13,506
Chlorate	9,167	8,208	9,789
Manganates	458	713	614
Nitrate	27,552	30,571	32,014
Sulphates and chloride	439,963	390,466	729,810
Hungary—			
Fertilizer salts	40	182	138
Carbonate	589	189	303
Italy—			
Fertilizer salts	15	93	36
Carbonate	21	23	19
Caustic potash	10	8	1
Chlorate	16	56	49
Chloride	9	42	71
Nitrate	1	1	6
Netherlands—			
Fertilizer salts	4,072	14,989	977
Caustic potash	229	382	300
Chloride	2,044	1,243	227
Nitrate	49	79	41
Sulphate	1,123	138	65
Poland—			
Fertilizer salts	82,202	81,977	83,464
Caustic potash	36	178	338
Chlorate	287	311	320
Nitrate	492	592	659

EXPORTS OF POTASH SALTS (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Fertilizer salts	248,558	(a)	(a)
Caustic potash and soda	376	(a)	(a)
Sweden—			
Carbonate	87	20	20
Chlorate	4,810	4,448	5,696
Caustic potash	695	649	711
Switzerland—			
Nitrate (crude)	16,916	20,948	18,956
Nitrate, including nitrate of soda (pure)	841	—	—
U.S.S.R.—			
Fertilizer salts	61,435	10,012	28,937
Carbonate	—	15	(a)
Chlorate	483	654	(a)
Chloride	17,484	23,151	(a)
Chromates	352	239	(a)
Caustic potash	3,340	3,298	(a)
Nitrate	271	413	(a)
Algeria—			
Fertilizer salts	22	—	2
Sulphate	—	31	—
United States—			
Fertilizer salts	67,842	91,992	91,992
Compounds	3,250	2,083	1,870
China—			
Carbonate	37	67	31
Japan—			
Bichromate	265	521	379
Chlorate	2,856	2,255	2,300
Chloride	(a)	(a)	18
Iodide	20	17	10
Nitrate	(a)	(a)	746
Permanganate	(a)	(a)	185
Sulphate	(a)	(a)	14
Korea—			
Alunite	80,191	114,922	142,550
Syria and Lebanon—			
Carbonate	21	18	—
Caustic potash	1	11	—

(a) Information not available.

IMPORTS OF POTASH SALTS

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Fertilizer salts	94,367	81,023	61,895
Carbonate	3,318	3,646	3,435
Caustic potash and lyes	6,339	6,252	5,657
Chlorate	1,385	1,195	1,225
Chloride	57,356	68,735	66,461
Nitrate	9,323	3,877	3,546
Sulphate	37,218	40,505	40,143
Other compounds	1,064	1,376	655
Eire—			
Kainite	12,076	9,580	11,026
Fertilizer salts (20% K ₂ O)	8,372	8,125	8,160
do. (30% K ₂ O)	3,565	3,195	4,272
Chlorate	33	52	79
Chloride	4,079	4,444	4,676
Nitrate	298	214	245
Sulphate	292	272	365
Other compounds	86	89	90
Mauritius—			
Nitrate	3,893	3,701	4,483
Sulphate	101	61	—
Northern Rhodesia—			
Compounds	310	271	465
Southern Rhodesia—			
Compounds	121	146	224
Union of South Africa—			
Fertilizer salts	6,611	6,979	7,773
Nitrate	106	44	85
Caustic potash	228	340	263
Other compounds	636	828	1,337
Canada—			
Kainite	587	42	559
Chlorate	648	472	497
Chloride	27,156	26,529	36,826
Nitrate	621	657	1,122
Crude sulphate	2,533	3,246	4,912
Other compounds	1,254	911	1,046

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—			
Barbados—			
Carbonate	1,635	1,787	2,431
Trinidad and Tobago—			
Sulphate	348	316	562
Aden (total imports)—			
Compounds	294	289	249
British India—			
Bichromate	287	292	278
Chlorate	2,708	1,507	2,352
Chloride	3,399	2,466	2,222
Other compounds	1,861	1,133	1,655
British Malaya (total imports)—			
Nitrate	315	454	310
Burma—			
Chlorate	(b)	(b)	(b)242
Other compounds	(b)	(b)	(b)120
Ceylon—			
Kainite	125	100	820
Chlorides	5,879	6,259	7,990
Nitrate of potash refuse	1,175	1,073	1,347
Sulphate	10	151	150
Hong Kong (total imports)—			
Nitrate	842	496	1,507
Chlorate	1,548	1,075	2,499
Palestine—			
Fertilizer salts	(a)	424	1,074
Chlorate	170	94	166
Australia—			
Bichromate	68	73	77
Carbonate	413	310	433
Caustic potash	367	366	422
Chlorate	731	633	700
Cyanides, including sodium cyanides	2,053	2,809	3,602
Nitrate	467	335	310
Other compounds	368	3,451	286
New Zealand—			
Kainite	739	873	(a)
Other fertilizer salts	7,887	7,876	(a)
Chlorate	75	117	(a)
Nitrate	88	75	(a)
Sulphate	921	801	(a)
Other compounds (f. N.Z.)	(£8,644)	(£8,011)	(a)

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Fertilizer salts	15,630	20,261	20,617
Carbonate	167	90	83
Caustic potash	220	346	9
Chloride	1,356	1,798	2,756
Chromates	26	28	69
Sulphate	29	74	100
Belgium-Luxemburg E.U.—			
Fertilizer salts	280,394	172,995	243,874
Carbonate	1,796	765	1,264
Caustic potash and lyes	3,402	3,513	2,758
Chlorate	771	1,122	1,230
Chloride	308,084	285,513	271,002
Chromates, including those of sodium	725	1,020	684
Manganate and permanganate	93	100	143
Nitrate	1,371	2,173	1,677
Sulphate	6,219	1,987	1,189
Bulgaria—			
Carbonate	3	3	4
Caustic potash	21	19	17
Chloride	38	30	47
Chromates	49	45	54
Nitrate	120	60	125
Czechoslovakia—			
Kainite	27,678	28,263	24,151
Fertilizer salts (18–24% K ₂ O)	5	—	2
do. do. (38–44% K ₂ O)	54,427	51,956	59,613
do. do. (other)	110	152	155
Carbonate and nitrate	2	10	3
Chloride	11,090	4,328	7,330
Sulphate	500	389	644
Denmark—			
Fertilizer salts (20% K ₂ O or less)	78	—	133
do. do. (37%–40% K ₂ O)	72,151	89,223	87,532
do. do. (other)	388	322	163
Carbonate	899	895	661
Caustic potash	3,539	2,858	2,433
Chlorate	134	186	150
Chloride	915	827	939
Chromates	24	19	20
Nitrate	800	470	304
Sulphate	6	5	8

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Estonia—			
Fertilizer salts	4,804	4,306	5,661
Carbonate	28	51	40
Chlorate	49	38	36
Nitrate	32	34	38
Finland (total imports)—			
Fertilizer salts	27,007	30,104	41,223
Carbonate	229	288	380
Caustic potash	41	50	52
Chlorate	29	50	20
Chloride	762	771	771
Chromates	141	168	193
Nitrate	44	83	65
Sulphate	13	23	39
France—			
Alunite	2	—	—
Carbonate	465	605	293
Caustic potash	24	42	34
Chlorate	—	—	1
Chromate and bichromate	262	203	78
Chloride	374	46	6
Nitrate	2	—	—
Sulphate	2	3,307	6,185
Germany—			
Fertilizer salts	12	—	—
Carbonate and wool grease ash	8	3	—
Caustic potash	135	204	218
Chlorate	20	7	30
Manganates	40	117	63
Greece—			
Carbonate	471	462	450
Caustic potash	66	33	17
Nitrate	138	64	245
Hungary—			
Fertilizer salts	1,151	1,149	1,567
Carbonate	4	—	1
Caustic potash	319	400	473
Chlorate, etc.	113	59	89
Iceland—			
Carbonate	7	(a)	(a)
Caustic potash	37	(a)	(a)
Nitrate	6	(a)	(a)

(a) Information not available.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy—			
Fertilizer salts	55,305	19,697	41,129
Carbonate	1,066	216	847
Caustic potash	2,215	1,067	1,195
Chlorate	22	2	99
Nitrate	752	845	575
Latvia—			
Fertilizer salts	14,451	12,244	22,144
Carbonate	126	94	111
Caustic potash	135	107	163
Chlorate	49	37	48
Chromates	34	32	45
Nitrate	53	50	52
Sulphate	78	12	13
Lithuania—			
Kainite, etc.	—	—	275
Fertilizer salts (20–40% K ₂ O) ..	1,949	2,657	3,674
do. (other)	19	47	17
Nitrate	13	46	62
Netherlands—			
Kainite	4,720	7,534	6,372
Fertilizer salts (20% K ₂ O) ..	278,849	186,969	167,884
do. (40% K ₂ O)	115,085	116,504	138,711
Caustic potash	806	786	377
Chloride	3,147	4,284	6,307
Nitrate	2,091	718	2,690
Sulphate	7,495	10,388	5,133
Patent potash	37,141	39,382	39,521
Norway—			
Fertilizer salts	48,448	31,605	39,866
Carbonate	522	502	547
Caustic potash and lyes	1,784	1,803	1,673
Chloride	108	2,208	1,569
Nitrate	75	133	166
Poland—			
Fertilizer salts	35	16	25
Carbonate	23	137	76
Caustic potash	22	143	87
Chlorate	75	16	1
Chloride	551	311	1
Sulphate	785	430	562

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Portugal—			
Kainite, etc.	93	39	(a)
Carbonate	38	44	(a)
Caustic potash	13	10	(a)
Chlorate	194	98	(a)
Chloride	1,112	1,569	(a)
Nitrate	647	80	(a)
Sulphate	1,436	1,600	(a)
Roumania—			
Fertilizer salts	134	60	162
Carbonate	84	125	100
Caustic potash	120	110	111
Chlorate	5	5	6
Nitrate	129	80	138
Spain—			
Fertilizer salts	10,921	(a)	(a)
Carbonate	203	(a)	(a)
Caustic potash and soda	387	(a)	(a)
Chlorate	22	(a)	(a)
Permanganate	21	(a)	(a)
Sweden—			
Fertilizer salts (20% K ₂ O)	17,508	19,558	18,125
do. (40% K ₂ O)	64,226	73,876	80,322
do. (other)	1,078	2,634	1,094
Carbonate	1,621	1,559	1,513
Caustic potash	3,226	3,384	3,323
Chloride	7,840	6,165	8,207
Nitrate	454	553	582
Switzerland—			
Fertilizer salts	27,036	29,782	25,141
Carbonate	459	505	325
Caustic potash	2,008	2,030	1,492
Chloride	1,522	1,858	1,736
Nitrate, crude	2	3	—
Nitrate purified, including sodium nitrate	815	912	1,568
Yugoslavia—			
Fertilizer salts	694	1,448	2,151
Carbonate	80	25	191

(a) Information not available.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia—(cont.)			
Caustic potash	101	92	104
Chromates	67	—	3
Nitrate	23	42	14
Algeria—			
Fertilizer salts	241	342	1,278
Carbonate	11	77	10
Caustic potash	32	33	34
Nitrate	63	261	198
Sulphate	2,313	4,321	6,789
Egypt—			
Fertilizer salts	2,214	1,771	1,188
Carbonate	50	4	38
Caustic potash	30	62	29
Chlorate	73	98	102
Chromates, including those of sodium	379	343	439
Manganates	13	18	15
Madagascar—			
Chloride	54	68	143
Nitrate	78	286	197
Sulphate	125	212	176
Morocco (French)—			
Kainite, sylvinitc, etc.	189	508	1,219
Sulphate	938	1,517	1,865
Other fertilizer salts			998
Carbonate	43	12	25
Caustic potash	271	153	169
Nitrate	1	—	35
Mozambique—			
Carbonate	7	6	3
Tunis—			
Carbonate	16	35	62
Caustic potash	4	7	6
Chlorate	7	3	1
Chloride	69	2,509	2,650
Nitrate	27	22	42
Sulphate	13	20	282
Cuba—			
Fertilizer salts	4,959	1,778	(a)
Carbonate	2,209	4,240	(a)

(a) Information not available.

IMPORTS OF POTASH SALTS (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Guatemala—			
Caustic potash	93	87	48
Nitrate	11	53	—
Mexico—			
Nitrate, including nitrate of soda	7,367	3,398	9,886
United States—			
Kainite	74,007	52,940	116,094
Fertilizer salts	85,324	34,869	40,097
Carbonate	1,840	1,246	703
Caustic potash	1,530	1,380	1,015
Chlorates	6,392	6,228	6,210
Chloride	231,475	208,040	371,608
Cyanide	49	45	39
Nitrate	41,076	59,960	67,931
Sulphate	86,336	65,344	104,192
Argentina—			
Bichromate	134	106	193
Carbonate	98	251	118
Caustic potash	127	122	101
Chlorate	409	298	413
Cyanide	28	20	19
Nitrate	178	125	161
Sulphate	50	22	20
Brazil (total imports)—			
Caustic potash	69	41	82
Nitrate	4,844	5,559	10,032
Potash and soda ash	16,732	18,650	24,262
Chile—			
Bichromate	57	65	48
Carbonate	17	27	34
Caustic potash	35	69	52
Chlorate	155	75	86
Nitrate	3	1	—
Colombia—			
Carbonate	(a)	2	12
Caustic potash	25	4	24
Chlorate	(a)	97	126
Nitrate	(a)	53	2
Sulphate	(a)	27	67

(a) Information not available.

IMPORTS OF POTASH SALTS (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Peru—			
Caustic potash	7	15	7
Uruguay—			
Nitrate, including nitrate of soda	190	132	(a)
Caustic potash	28	34	(a)
Venezuela—			
Carbonate	5	2	(a)
Caustic potash	11	4	(a)
Nitrate	79	81	(a)
China—			
Carbonate	14	48	34
Caustic potash	56	42	67
Bichromate	180	270	229
Chlorate	3,548	4,290	3,845
Nitrate	399	264	902
Formosa—			
Chloride	605	531	(a)
Sulphate	2,698	4,084	(a)
French Indo-China—			
Carbonate	9	1	6
Chlorate	146	218	318
Chloride	88	970	1,245
Nitrate	52	49	96
Sulphate	75	103	415
Japan (total imports)—			
Bichromate	84	29	—
Chlorate	95	303	108
Chloride	75,652	77,677	109,411
Cyanide, including sodium cyanide	325	355	379
Sulphate	83,287	70,494	137,892
Permanganate	3	105	780
“Manchoukuo”—			
Chlorate	492	420	657
Netherlands East Indies—			
Fertilizer salts	1,165	1,482	4,287
Caustic potash	40	47	69
Nitrate	146	163	408
Philippine Islands—			
Chlorate	126	152	154
Sulphate	878	955	570

(a) Information not available.

IMPORTS OF POTASH SALTS (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Syria and Lebanon—			
Fertilizer salts	512	1,139	546
Caustic potash	1	—	46
Chloride	—	74	—
Turkey—			
Carbonate	257	664	786
Caustic potash	34	19	30

PYRITES

PRODUCTION OF PYRITES*
(including Cupreous Pyrites)
(Long tons)

Producing Country.	1935	1936	1937	Estimated Sulphur Content.		
				1935	1936	1937
BRITISH EMPIRE						
United Kingdom ..	4,194	4,623	4,627	(a)	(a)	(a)
Southern Rhodesia	12,040	19,140	20,020	4,800	7,700	8,000
Union of South Africa	24,672	24,146	28,378	11,096	10,978	12,727
Canada (c)	26,076	113,582	106,659	12,966	56,400	53,733
Cyprus	357,282	525,227	763,273	178,641	262,614	381,637
Australia	25,555	33,711	40,630	(a)	(a)	(a)
Total ..	450,000	720,000	964,000			
FOREIGN COUNTRIES						
Czechoslovakia ..	20,000	18,783	18,071	8,300	7,891	7,600
Finland (b)	81,712	77,477	89,969	36,800	34,900	40,500
France	149,590	145,687	143,604	67,969	65,371	64,000
Germany	272,414	280,947	440,280	115,666	120,288	190,000
Greece	130,200	204,764	(a)	63,000	99,435	(a)
Italy	820,240	851,736	900,080	372,000	398,000	420,000
Norway	879,401	1,015,529	1,031,744	399,856	448,953	445,557
Poland	720	37,508	80,963	310	16,128	34,800
Portugal	211,362	238,791	594,590	100,000	112,000	279,500

* See also Sulphur (page 391).

(a) Information not available.

(b) Pyrite concentrate only.

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

PRODUCTION OF PYRITES (Cont.)

Producing Country.	1935	1936	1937	Estimated Sulphur Content.		
				1935	1936	1937
FOREIGN COUNTRIES						
<i>(Cont.)</i>						
Roumania.. ..	9,699	9,841	10,548	6,363	6,189	6,611
Spain	2,250,000	(a)	(a)	1,300,000	(a)	(a)
Sweden	105,128	132,086	170,236	42,398	56,114	74,147
Yugoslavia	82,218	78,494	131,922	37,000	36,500	59,400
U.S.S.R.	609,000	(a)	(a)	(a)	(a)	(a)
Algeria	12,125	19,650	38,148	5,630	8,980	18,311
United States (b)..	514,192	547,236	584,166	203,047	216,592	231,800
Japan	1,317,745	1,665,891	(a)	580,000	750,000	(a)
Korea	54,733	76,804	(a)	(a)	(a)	(a)
" Manchoukuo " ..	9,000	(a)	(a)	(a)	(a)	(a)
Total	7,600,000	(a)	(a)			
WORLD'S TOTAL	8,000,000	(a)	(a)			

Pyrites is also produced in China.

(a) Information not available.

(b) Includes by-product pyrite from 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.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Iron-pyrites and cupreous pyrites	1,882	240	5,480
Southern Rhodesia—			
Iron pyrites	10,449	12,625	14,359
Canada—			
Pyrites (<i>S content</i>)	6,795	46,600	41,354
Cyprus—			
Cupreous pyrites	207,789	220,367	388,835
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.	(a)	13,060	6,197
France	47,118	16,404	5,965
Germany—			
Pyrites, etc.	21,538	26,402	38,369
Greece	94,449	128,802	191,051
Italy	257,961	158,880	199,306
Netherlands	5,128	(b) 7,756	59
Norway—			
Iron-pyrites	301,961	396,917	373,299
Cupreous pyrites	289,895	337,364	293,536
Poland	171	—	—
Portugal—			
Cupreous pyrites	126,149	340,699	505,172
Roumania	437	7,514	18,519
Spain—			
Iron-pyrites	1,779,281	(a)	(a)
Cupreous pyrites, containing not more than 5% Cu	183,777	(a)	(a)
Copper ore and cupreous pyrites, containing more than 5% Cu ..	52	(a)	(a)
Sweden	4,659	19,757	38,977
Yugoslavia	61,709	68,222	123,659
Algeria	—	—	4,331
Morocco (French)	—	—	223

(a) Information not available.

(b) Including re-exports.

IMPORTS OF PYRITES

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Iron and cupreous pyrites ..	308,569	311,085	399,441
Eire	24,635	33,844	39,872
FOREIGN COUNTRIES			
Austria	64,160	59,746	77,432
Belgium-Luxemburg E.U.	(a)	170,211	207,414
Czechoslovakia	136,929	164,195	187,379
Denmark	91,713	111,209	128,301
France	416,332	517,101	526,857
Germany—			
Pyrites, etc.	1,002,478	1,026,295	1,441,311
Hungary	39,593	38,614	(a)
Italy—			
Iron-pyrites	34,466	—	25,187
Cupreous pyrites	—	2,703	963
Latvia	21,857	18,325	27,357
Lithuania	11,550	17,661	33,535
Netherlands	244,843	285,866	356,014
Norway	943	—	—
Poland	32,126	29,715	24,946
Sweden	194,522	200,033	203,279
Yugoslavia	—	3,235	510
Algeria	6,048	—	—
Morocco (French)	—	4,880	3,760
United States	397,113	429,313	524,430

(a) Information not available.

QUICKSILVER

PRODUCTION OF QUICKSILVER (Lb.)

Producing Country.	1935	1936	1937
BRITISH EMPIRE.			
Australia *	1,299	5,911	710
New Zealand	563	—	1,344
FOREIGN COUNTRIES			
Austria	900	220	(a)
Czechoslovakia	152,379	142,546	209,000
Germany (<i>Hg</i> content of ore)	8,800	(a)	(a)
Italy	2,143,000	3,247,000	4,868,000
Roumania	29	179	(a)
Spain (<i>b</i>)	2,702,500	3,220,000	3,200,000
Algeria	—	8,823	9,429
Tunis	1,764	5,470	1,911
Mexico	477,067	403,355	375,132
United States	1,331,368	1,259,244	1,254,608
Bolivia (exports)	32,040	16,885	1,323
China (exports)	99,808	186,928	131,925
Japan	11,219	32,571	(a)
Korea	306	157	(a)
Turkey	1,929	63,504	37,269
WORLD'S TOTAL	6,960,000	8,600,000	10,100,000

Quicksilver is also produced in U.S.S.R.

(a) Information not available.

(b) Figures for 1936 and 1937 are the amounts imported by the chief consuming countries.

EXPORTS OF QUICKSILVER, ETC.
(Domestic Produce)
(Lb.)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Quicksilver	2,639	8,512	6,892
British Malaya (including re-exports)—			
Quicksilver	38	31	20
Hong Kong (including re-exports)—			
Quicksilver	57,100	60,400	35,700
Vermilion	(£24,563)	(£16,077)	(£13,267)
Australia—			
Quicksilver	5	—	323
FOREIGN COUNTRIES			
Austria—			
Quicksilver	8,400	—	9,700
Mercury salts	1,100	1,100	700
Belgium-Luxemburg E.U.—			
Quicksilver	15,200	16,300	11,200
Mercury salts	200	5,300	3,700
Czechoslovakia—			
Quicksilver	55,300	27,800	400
France—			
Quicksilver	7,700	6,000	12,800
Mercury salts	8,600	16,100	16,100
Germany—			
Cinnabar	27,600	50,000	25,400
Quicksilver and amalgam ..	33,500	25,600	12,600
Mercury salts	181,400	240,700	164,900
Italy—			
Quicksilver	2,724,700	3,143,100	5,097,700
Chloride of mercury	32,800	21,200	108,200
Sulphide of mercury	32,800	29,800	25,800
Other mercury salts	72,300	17,600	80,000
Netherlands—			
Quicksilver and amalgam ..	2,661	2,094	2,646

EXPORTS OF QUICKSILVER, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Quicksilver	5,045,900	(a)	(a)
Mercury salts	441	(a)	(a)
Sweden—			
Quicksilver	456	289	893
Switzerland—			
Quicksilver	156	1,027	432
U.S.S.R.—			
Quicksilver	1,100	8,800	(a)
Yugoslavia—			
Quicksilver and amalgam ..	236	—	—
Algeria—			
Quicksilver	—	10,600	21,200
Mexico—			
Quicksilver	456,113	379,047	350,330
United States—			
Quicksilver	(a)	19,980	34,935
Bolivia—			
Quicksilver	32,040	16,885	1,323
China—			
Quicksilver	99,808	186,928	131,925
Vermilion	1,563	5,860	1,060
Korea—			
Ore	207,000	179,000	143,000
Turkey—			
Quicksilver	227	53,319	44,480
Sulphide of mercury	—	1,900	—

(a) Information not available.

IMPORTS OF QUICKSILVER, ETC.

(Less Re-exports)

(Lb.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Quicksilver	1,465,442	1,284,155	1,654,599
Southern Rhodesia—			
Quicksilver	35,416	40,857	39,622
Tanganyika—			
Quicksilver	2,305	2,372	1,681
Union of South Africa—			
Quicksilver	78,619	86,730	69,684
Canada—			
Quicksilver	121,471	78,781	394,354
Mercury salts	(£1,498)	(£949)	(£1,960)
British Guiana—			
Quicksilver	3,922	1,893	3,836
British India—			
Quicksilver	462,164	53,076	235,706
British Malaya (total imports)—			
Quicksilver	5,000	3,239	2,634
Burma—			
Quicksilver	(b)	(b)	(b)9,633
Hong Kong (total imports)—			
Quicksilver	230,900	160,400	141,200
Vermilion	(£4,815)	(£1,777)	(£1,820)
Australia—			
Quicksilver	60,496	73,894	80,658
Mercury salts	17,318	17,527	17,262
New Zealand—			
Quicksilver	5,110	5,318	(a)
FOREIGN COUNTRIES			
Albania—			
Quicksilver	908	293	531
Austria—			
Quicksilver	44,100	26,700	65,900
Mercury salts	3,500	8,800	4,600
Belgium-Luxemburg E.U.—			
Quicksilver	199,300	139,300	162,000
Sulphide of mercury	3,500	2,900	4,200
Mercury salts	9,500	11,200	10,600
Bulgaria—			
Quicksilver	2,200	2,676	2,200

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF QUICKSILVER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Quicksilver	200	—	4,900
Denmark—			
Quicksilver	56,000	10,400	4,900
Estonia—			
Quicksilver	666	1,106	1,089
Mercury salts	1,037	1,468	1,393
Finland (total imports)—			
Cinnabar	1,451	1,914	5,494
Quicksilver and amalgam	6,847	89,009	33,797
France—			
Quicksilver	341,300	445,600	461,000
Mercury salts	61,100	29,800	58,900
Germany—			
Cinnabar	700	200	—
Quicksilver and amalgam	1,915,400	1,517,400	1,968,100
Mercury salts	16,500	21,200	1,500
Greece—			
Quicksilver	4,453	3,102	12,377
Hungary—			
Quicksilver	8,600	63,500	(a)
Italy—			
Mercury salts	2,000	2,000	1,300
Latvia—			
Quicksilver	2,357	1,830	1,676
Mercury salts	3,673	2,447	2,782
Lithuania—			
Quicksilver	1,300	900	5,512
Netherlands—			
Quicksilver and amalgam	84,342	18,653	103,921
Norway—			
Quicksilver	4,173	4,694	4,586
Poland—			
Quicksilver	26,000	39,500	64,800
Mercury salts	20,300	26,500	17,000
Portugal—			
Quicksilver	19,057	9,050	(a)
Mercury salts	335,744	121,169	(a)
Roumania—			
Quicksilver	12,577	34,388	25,666
Mercury salts	12,699	23,241	18,422

(a) Information not available.

IMPORTS OF QUICKSILVER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Quicksilver	900	(a)	(a)
Mercury salts	2,795	(a)	(a)
Sweden—			
Quicksilver	144,877	82,327	96,558
Switzerland—			
Quicksilver	32,558	46,440	51,789
U.S.S.R.—			
Quicksilver	—	44,100	(a)
Yugoslavia—			
Quicksilver and amalgam ..	7,963	34,690	45,276
Mercury salts	12,273	14,517	17,088
Algeria—			
Quicksilver	700	6,400	400
Angola—			
Quicksilver	9	—	(a)
Egypt—			
Quicksilver	4,749	2,906	4,766
Madagascar—			
Quicksilver	92	29	157
Morocco (French)—			
Quicksilver	2,674	2,698	3,929
Mozambique—			
Quicksilver	743	776	152
Tunis—			
Quicksilver	700	700	700
Mercury sulphide	900	200	200
Costa Rica—			
Quicksilver	4,266	(a)	(a)
Cuba (total imports)—			
Quicksilver	3,653	3,574	(a)
Guatemala—			
Quicksilver	159	150	276
United States—			
Quicksilver	593,904	1,374,652	1,437,712
Mercury salts	1,087	1,334	78,284
Argentina—			
Quicksilver	31,074	22,101	25,139
Mercury salts	17,805	19,568	15,049
Brazil (total imports)—			
Quicksilver	17,835	22,077	19,800

(a) Information not available.

IMPORTS OF QUICKSILVER, ETC. (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Chile—			
Quicksilver	4,246	15,007	17,335
Mercury salts	3,122	4,555	3,788
Colombia—			
Quicksilver	18,823	19,701	16,149
Mercury salts	(a)	5,614	6,140
Dutch Guiana—			
Quicksilver	534	1,129	999
French Guiana—			
Quicksilver	4,409	2,000	7,100
Peru—			
Quicksilver	4,742	8,616	8,971
Mercury salts	1,433	1,614	1,451
Venezuela—			
Quicksilver	298	859	(a)
Mercury salts	498	805	(a)
China—			
Cinnabar	8,558	7,013	6,753
Quicksilver	48,010	41,747	31,960
Vermilion (b)	59,265	43,539	14,584
Formosa—			
Vermilion and cinnabar	9,738	10,744	(a)
French Indo-China—			
Cinnabar	7,300	5,700	2,000
Quicksilver	3,100	2,600	4,900
Sulphide of mercury	12,800	9,300	11,700
Japan (total imports)—			
Quicksilver	1,799,633	1,128,723	(a)
Korea (total imports)—			
Quicksilver	88,687	85,762	(a)
“Manchoukuo”—			
Vermilion	39,280	73,399	140,741
Netherlands East Indies—			
Quicksilver	8,042	15,503	22,827
Syria and Lebanon—			
Quicksilver	547	22	789
Turkey—			
Quicksilver	448	536	705
Mercury salts	12,652	6,177	11,217

(a) Information not available.

(b) Imports of artificial vermilion amounted to 1,177,398 lb., 662,639 lb. and 612,237 lb. during 1935, 1936 and 1937, respectively.

SALT

PRODUCTION OF SALT

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Rock-salt	19,539	20,416	22,558
Brine-salt	2,680,553	2,812,400	3,061,197
Malta	2,000	1,900	1,800
Mauritius (estimated)			
Sea-salt	1,500	1,500	1,500
Nigeria (estimated)	400	400	400
Somaliland (exports)—			
Sea-salt	2,613	1,485	935
South West Africa	4,942	3,762	4,048
Anglo-Egyptian Sudan	26,115	26,600	34,007
Kenya	3,750	(a)	(a)
Tanganyika Territory	6,807	8,439	8,585
Uganda	1,565	3,351	3,084
Union of South Africa (b)	85,883	96,358	(a)
Canada	319,844	349,873	409,783
British West Indies (exports)—			
Sea-salt—			
Bahamas	536	—	4,924
Turks and Caicos Islands	28,348	41,237	50,030
Aden	339,667	355,394	355,166
Burma	40,086	32,272	53,813
Ceylon	40,955	39,696	38,202
Cyprus (estimated)	3,000	3,000	3,000
India—			
Rock-salt	178,352	172,255	187,100
Other salt	1,390,068	1,175,967	1,305,921
Palestine—			
Rock-salt	853	743	716
Sea-salt	10,212	7,931	11,532
Australia—			
Victoria (b)	47,592	(a)	(a)
Western Australia	(a)	4,227	3,670
South Australia	78,003	66,326	73,558
Total*	5,300,000	5,300,000	5,800,000

* See page 370.

(a) Information not available.

(b) Years ended June 30.

PRODUCTION OF SALT (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Rock-salt	1,237	700	894
Brine-salt	195,078	188,273	(a)
Belgium (estimated)	30,000	30,000	30,000
Bulgaria—			
Brine-salt	5,246	6,662	9,591
Sea-salt, etc.	36,050	40,000	42,914
Czechoslovakia—			
Rock-salt	156,269	164,934	} 178,617
Brine-salt	4,901	4,889	
France—			
Rock-salt and brine-salt	1,579,317	1,566,412	1,818,000
Sea-salt	351,017	203,000	483,151
Germany—			
Rock-salt	2,044,508	2,346,176	2,713,687
Brine-salt	552,718	565,416	560,540
Greece—			
Sea-salt	112,180	73,271	100,669
Italy—			
Rock-salt and brine-salt	475,801	491,904	594,262
Sea-salt	658,788	756,389	935,761
Netherlands (sales)	69,842	75,066	130,338
Poland—			
Rock-salt	240,761	240,951	254,729
Brine-salt	266,000	218,205	(a)
Portugal—			
Rock-salt	31	29	46
Sea-salt (exports)	80,670	72,776	(a)
Roumania—			
Rock-salt	304,042	278,913	316,723
Sea-salt	1,518	1,722	2,044
Switzerland	78,497	79,895	90,516
U.S.S.R.			
Rock-salt	1,794,100	(a)	(a)
Evaporated-salt	268,400	(a)	(a)
Lake-salt	1,755,400	(a)	(a)
Other salt	462,900	(a)	(a)
Yugoslavia—			
Rock-salt	42,862	44,491	45,590
Sea-salt	(a)	17,822	(a)
Algeria—			
Rock-salt and sea-salt	66,916	61,400	62,133

(a) Information not available.

PRODUCTION OF SALT (Cont.)

Producing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Abyssinia (estimated)	10,000	10,000	10,000
Angola (estimated)	30,000	30,000	30,000
Belgian Congo (rock salt)	880	905	988
Canary Islands (estimated)	2,000	2,000	4,500
Egypt (exports)	253,043	233,817	272,364
French Somaliland (exports)	75,292	21,638	83,926
French West Africa (exports)	375	736	108
Morocco (French)—			
Rock-salt	1,175	801	11,030
Mozambique—			
Sea-salt	3,382	2,480	(a)
Tripoli (estimated)	22,000	22,000	22,000
Tunis	78,444	127,000	127,659
Mexico	56,834	(a)	100,023
Netherlands West Indies (exports) ..	3,722	2,249	2,300
Panama—			
Sea-salt	5,454	4,316	6,789
United States—			
Rock-salt	1,570,752	1,794,267	2,303,171
Brine-salt	3,426,440	3,821,214	4,135,339
Evaporated salt	2,080,395	2,267,497	2,303,171
Cuba (sea-salt)	20,000	32,892	(a)
Argentina—			
Rock-salt	} 230,738	590	640
Brine-salt		242,925	284,900
Brazil	344,000	486,315	696,290
Chile	35,877	46,486	21,600
Colombia—			
Rock-salt	5,058	5,483	4,145
Brine-salt (estimated)	35,000	52,165	51,700
Sea-salt	24,787	18,639	21,937
Costa Rica	3,450	3,500	(a)
Ecuador (sea-salt)	13,500	16,368	12,500
Guatemala—			
Rock salt	(a)	(a)	835
Sea salt	2,040	7,926	8,443
Peru—			
Rock-salt	9,428	(a)	(a)
Brine-salt	3,771	(a)	(a)
Sea-salt	24,513	(a)	(a)
Venezuela	52,384	24,731	25,883
China (estimated)	2,600,000	2,900,000	(a)

(a) Information not available.

PRODUCTION OF SALT (Cont.)

Producing Country and Description.	1935	1936	1937	
FOREIGN COUNTRIES (Cont.)				
Formosa (year ended Mar. 31)—				
Sea-salt (sun-dried)	117,502	167,791	181,084	
do. (other)	29,513	18,988	25,342	
French Indo-China	200,000	189,200	190,500	
Iraq—				
Brine-salt	2,356	2,760	1,781	
Sea-salt	4,578	—	—	
Japan (b)	594,894	510,602	(a)	
Korea	136,000	136,000	(a)	
Kwantung (Year ended Mar. 31) ..	498,000	405,000	(a)	
“Manchoukuo”	720,000	(a)	(a)	
Netherlands East Indies—				
Government production	85,040	89,755	51,787	
Native production	15,423	15,996	(a)	
Philippine Islands	(a)	52,626	48,132	
Portuguese India	100,900	100,092	25,683	
Syria (estimated)	7,000	7,000	10,000	
Turkey—				
Rock-salt	15,262	} 217,000	{ 18,149	
Brine-salt	49,931			{ 62,935
Sea-salt	146,104				{ 177,000
Total*	26,000,000	27,000,000	29,000,000	
WORLD'S TOTAL*	31,000,000	32,000,000	35,000,000	

* Salt is also produced in many countries for which statistics are not available, e.g., Gold Coast, Spain, Bolivia, Siam.

(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.

EXPORTS OF SALT

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Rock-salt	7,414	7,890	10,156
Other salt	264,264	272,147	260,529
Anglo-Egyptian Sudan	24,373	30,007	15,615
Gold Coast	9	7	27
Kenya and Uganda	168	266	432
Somaliland Protectorate—			
Sea-salt	2,613	1,485	935
Southern Rhodesia	19	46	78
Tanganyika Territory	3,170	3,448	4,254
Union of South Africa	7,392	6,851	7,449
Canada	8,076	4,955	8,330
British West Indies—			
Bahamas (b)	536	—	4,924
Leeward Islands	(£1,565)	(£2,092)	(£3,018)
Turks and Caicos Islands (b)	28,348	41,237	50,030
Aden (including re-exports)	340,268	321,059	363,664
British India (c)	64,257	62,855	62,211
British Malaya (including re-exports)	5,813	6,518	5,984
Hong Kong (including re-exports)	13,220	2,805	8,329
Australia—			
Rock-salt	4	1,056	5
Refined salt (£ Australian)	(£167)	(£201)	(£317)
Other salt	12,806	15,065	13,440
FOREIGN COUNTRIES			
Austria			
Belgium-Luxemburg E.U.—	23,956	15,443	6,792
Common salt	790	1,287	1,121
Refined salt	583	3,166	2,605

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

(c) Includes trade by land as recorded.

EXPORTS OF SALT (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Czechoslovakia—			
Refined salt, etc.	—	2	3
Denmark—			
Refined salt, etc.	13	19	11
France	114,787	129,577	88,801
Germany—			
Rock-salt, sea-salt, etc.	709,512	777,484	913,229
Greece	12,287	34,985	20,619
Italy—			
Rock-salt and sea-salt	139,888	65,471	207,429
Latvia	1	—	1
Netherlands—			
Rock-salt and sea-salt	17	6	24
Refined salt and waste	28,191	34,244	68,728
Norway	36	1	—
Poland	7,456	6,836	12,924
Portugal	80,670	72,776	(a)
Roumania	46,689	21,313	35,307
Spain—			
Common salt	359,457	(a)	(a)
Sweden	199	499	887
U.S.S.R.	130,980	150,365	174,679
Algeria	35,508	32,335	40,755
Angola	3,950	4,872	10,228
Belgian Congo	37	15	12
Egypt—			
Common salt	253,043	233,817	272,364
French West Africa	375	736	108
French Somaliland	75,292	21,638	83,926
Mozambique	455	1,402	88
Morocco (Spanish)	(a)	693	952
Tunis (including re-exports)—			
Rock-salt and sea-salt	74,144	61,651	143,491
Mexico	1,025	—	—
Netherlands West Indies	3,722	2,249	2,300
United States	100,190	68,727	62,599
Argentina	11,203	15,191	18,235
Brazil	23	127	206
Chile	3	3,001	13
Ecuador	367	(a)	(a)
Nicaragua	32	—	—
Venezuela	904	—	(a)

(a) Information not available.

EXPORTS OF SALT (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
China	233,646	307,499	426,144
Formosa	109,405	118,065	151,300
French Indo-China—			
Rock-salt and sea-salt	32,658	91,408	91,808
Iran (including re-exports) (<i>b</i>)	906	800	3,562
Japan	25	26	51
Korea	22	23	23
“Manchoukuo”—			
Common salt	156,415	167,977	361,972
Semi-refined salt	32,193	203,176	205,396
Refined salt	85,797	30,342	26,192
Philippine Islands	34	70	71
Portuguese India	6,526	(<i>a</i>)	(<i>a</i>)
Siam (including re-exports)	135,257	67,730	105,131
Turkey	6,754	110,119	102,100

(*a*) Information not available.

(*b*) Years ended June 21.

IMPORTS OF SALT

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Rock-salt	11,004	9,750	12,599
Other salt	43,574	36,496	36,521
Eire—			
Refined salt	2,438	6,385	4,207
Other salt	31,229	27,792	30,925
Malta—			
Refined salt	(£786)	(£401)	(£567)
Other salt	250	—	140
Anglo-Egyptian Sudan	322	345	5
Gambia	1,061	670	1,377
Gold Coast—			
Refined salt	18	17	20
Other salt	6,725	10,108	5,833
Kenya and Uganda	7,061	7,780	8,946
Mauritius	250	975	51
Nigeria	49,330	57,886	53,827
Northern Rhodesia	1,731	1,609	1,947
Nyasaland	3,277	2,991	3,519
Seychelles	185	196	3
Sierra Leone	3,171	3,931	5,027
South West Africa	323	278	426
Southern Rhodesia	6,766	6,803	8,134
Tanganyika Territory	106	177	233
Union of South Africa—			
Rock-salt	379	331	393
Common salt and refined salt	1,336	1,524	1,460
Zanzibar	1,239	940	1,153
Canada (total imports)—			
Salt for use of fisheries	45,484	28,542	34,502
Refined salt	60	38	49
Other salt	68,962	68,673	69,430
Newfoundland (total imports, year ended June 30)—			
Salt in bulk	61,290	54,425	37,195
Refined salt	(£2,642)	(£2,303)	(£2,709)
British Honduras	391	317	372

IMPORTS OF SALT (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
British West Indies—			
Barbados	2,330	2,194	2,467
Bermuda	(£1,197)	412	214
Grenada	468	408	520
Jamaica—			
Rock-salt	337	290	335
Other salt	7,988	6,364	7,364
Leeward Islands	(£276)	(£169)	(£954)
St. Lucia—			
Common salt	415	391	518
Refined salt	10	11	8
St. Vincent—			
Rock-salt	320	400	483
Refined salt	28	24	20
Trinidad and Tobago—			
Rock-salt	473	316	520
Refined salt	2,534	2,672	3,321
British Guiana—			
Rock-salt	473	720	437
Refined salt, etc.	1,132	1,049	1,154
Aden (total imports)	10	3	3
British Borneo—			
Brunei	168	155	165
Sarawak	2,776	2,839	2,926
State of North Borneo	1,880	1,755	2,277
British India	393,956	387,585	338,958
British Malaya (total imports)—			
Refined salt	47	49	71
Other salt	55,274	56,594	69,254
Burma	(b)	(b)	(b)50,532
Ceylon—			
Refined salt	42	58	74
Other salt	24	29	28
Cyprus	4	6	4
Hong Kong (total imports)	58,539	38,326	52,135
Palestine	77	167	195
Australia—			
Rock-salt	4,455	5,352	5,990
Refined salt	(£26,680)	(£24,748)	(£24,439)
Other salt	3,712	3,644	3,452
Fiji	855	707	1,142

(b) Included with India prior to April 1, 1937.

IMPORTS OF SALT (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
New Guinea (c) (£ Australian) ..	(£1,010)	(£1,470)	(£1,570)
New Zealand	35,935	37,293	(a)
Papua (years ended June 30) ..	44	50	(a)
Solomon Islands (b)	9	11	(a)
Western Samoa (£ N. Z.)	(£447)	(£180)	(£405)
FOREIGN COUNTRIES			
Austria	6,102	6,325	6,798
Belgium-Luxemburg E.U.—			
Common salt	229,381	283,567	306,552
Refined salt	54,915	64,856	60,720
Bulgaria—			
Rock-salt	21,250	21,251	4,130
Czechoslovakia—			
Common salt	129,117	153,881	185,438
Refined salt	4	4	5
Denmark—			
Rock-salt	9,809	11,819	11,483
Refined salt, etc.	77,885	83,157	81,803
Estonia	25,267	27,530	20,203
Finland (total imports)—			
Common salt	99,747	88,393	116,434
France	78,564	66,475	49,209
Germany—			
Rock-salt, sea-salt, etc.	9,367	6,257	3,510
Hungary	91,713	90,759	86,217
Iceland—			
Common salt	61,600	} 48,928	(a)
Refined salt	76		
Italy—			
Rock-salt and sea-salt	2,110	41,409	1,958
Latvia—			
Rock-salt	27,583	24,969	26,548
Common salt	3,753	2,992	2,517
Sea-salt	733	1,181	457
Lithuania—			
Crude salt	3,376	6,399	5,939
Refined salt	35,820	25,759	26,063

(a) Information not available.

(b) Years ended March 31 following.

(c) Years ended June 30.

IMPORTS OF SALT (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Rock-salt	67,429	78,112	97,443
Sea-salt, etc.	35,184	34,718	21,965
Refined salt and waste	3,688	6,336	2,911
Norway—			
Rock-salt	16,294	27,115	35,133
Common salt	194,553	157,898	211,380
Poland	639	481	382
Portugal	15	13	(a)
Spain—			
Common salt	6	(a)	(a)
Sweden—			
Common salt	166,835	165,076	205,560
Switzerland	746	735	751
U.S.S.R.	10,815	6,234	21
Yugoslavia—			
Rock-salt	9,361	9,968	3,445
Sea-salt	37,709	27,958	21,276
Algeria	7,663	8,928	10,207
Belgian Congo	14,084	14,923	21,231
Cameroon (French)	5,500	6,589	7,538
Egypt—			
Common salt	130	102	93
French Equatorial Africa	2,894	3,500	5,486
French Somaliland	9	14	15
French Togoland	3,118	3,856	2,480
French West Africa	17,936	24,085	25,191
Liberia	2,228	(a)	1,644
Madagascar	20	333	5
Morocco (French)	11,052	10,955	9,935
Morocco (Spanish)	(a)	1,461	1,665
Mozambique	1,389	2,107	3,965
Portuguese Guinea	(a)	(a)	1,213
Réunion	1,295	1,260	942
Cuba (total imports)	11,312	8,405	(a)
French West Indies—			
Guadeloupe	1,111	1,089	(a)
Martinique	2,320	900	(a)
Honduras (b)	383	367	374
Mexico	1,823	1,886	2,241
Netherlands West Indies	28	41	(a)
Nicaragua (total imports)	243	205	223

(a) Information not available.

(b) Years ended July 31.

IMPORTS OF SALT (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
St. Pierre and Miquelon	18,200	6,077	8,193
Salvador	31	(a)	(a)
United States	45,755	45,572	41,068
Argentina—			
Rock-salt	1,254	770	1,176
Sea-salt	6,000	3,500	3,800
Refined salt	197	210	269
Brazil (total imports)	1,920	2,739	220
Chile	97	62	114
Colombia	25	23	29
Dutch Guiana	740	473	711
French Guiana	300	450	269
Peru	51	4	6
Uruguay—			
Rock-salt	412	202	(a)
Sea-salt	33,482	39,795	22,818
French Indo-China	185	272	339
Iran (c)—			
Common salt	113	1,638	1,495
Refined salt	1,663	9	7
Iraq	16	15	20
Japan (total imports)	1,036,855	1,301,511	1,662,235
Korea (total imports)	167,798	156,872	150,324
Netherlands East Indies—			
Refined salt	324	320	278
Other salt	351	1,037	1,633
Philippine Islands	12,177	8,381	666
Syria and Lebanon	8,206	2,952	12,227
French Oceania	200	200	(a)
New Caledonia	486	309	485

(a) Information not available.

(c) Total imports for years ended June 21.

SILVER

PRODUCTION OF SILVER ORE

*(In terms of metal)**(Fine troy ounces)*

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	92,848	76,885	71,448
Bechuanaland Protectorate..	1,759	1,378	1,499
Gold Coast (estimated) ..	12,000	14,000	19,000
Kenya	3,743	5,721	7,549
Nigeria	139,200	153,000	102,120
Northern Rhodesia	151	229,151	83,861
Sierra Leone	1,673	1,537	1,568
Southern Rhodesia	132,087	145,072	152,038
South West Africa(c)	—	—	358,500
Tanganyika Territory	6,134	9,254	11,696
Uganda	346	924	1,379
Union of South Africa	1,042,203	1,075,625	1,100,641
Canada	16,618,558	18,334,487	22,977,751
Newfoundland	1,123,997	1,249,472	1,447,637
British Guiana (estimated) ..	4,010	4,240	4,740
Burma	5,825,913	5,952,000	6,180,000
Cyprus (b)	44,536	125,704	132,968
India	24,493	25,345	24,642
Federated Malay States (estimated)	2,600	3,300	3,000
Australia	11,562,373	12,288,033	14,059,258
Fiji	634	1,185	3,463
New Guinea (estimated)	83,000	97,000	96,000
New Zealand	437,967	432,973	443,981
Total	37,200,000	40,200,000	47,300,000
FOREIGN COUNTRIES			
Austria	18,318	3,848	(a)
Bulgaria	18,454	(a)	(a)
Czechoslovakia	1,028,645	1,003,862	1,030,000
Finland	60,056	58,706	55,137
France.. .. .	569,602	476,849	563,847
Germany	6,257,700	6,541,400	(a)
Greece.. .. .	217,906	526,623	(a)
Hungary	13,263	8,299	(a)

(a) Information not available.

(b) Exports.

(c) Years ended March 31 following.

PRODUCTION OF SILVER ORE (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Italy	420,000	630,000	715,000
Norway	266,080	229,538	283,249
Poland.. .. .	32,000	61,000	(a)
Portugal	—	12,905	178
Roumania	471,872	594,694	813,044
Spain	1,450,000	(a)	(a)
Sweden	835,771	939,519	946,239
U.S.S.R. (estimated).. .. .	3,900,000	5,000,000	5,000,000
Yugoslavia	1,753,493	1,785,579	2,242,495
Algeria	46,521	65,545	72,177
Belgian Congo	3,793,893	2,781,457	2,961,787
Morocco (French)	900	—	241,543
Mozambique	725	1,337	(a)
Tunis	17,007	43,000	174,638
Mexico	75,587,447	77,462,114	84,678,921
Porto Rico	8	187	1
United States.. .. .	48,518,639	61,152,534	70,986,073
Guatemala (c)	3,345	—	(a)
Honduras	2,641,346	3,104,507	3,211,296
Nicaragua	88,543	111,175	(a)
Panama	3,370	4,632	(a)
Salvador	2,983	3,542	2,866
Argentina	(a)	522,800	(a)
Bolivia (exports)	7,951,338	10,723,000	9,452,000
Brazil	20,833	23,887	(a)
Chile	1,298,725	1,498,129	1,786,222
Colombia	132,965	151,501	167,971
Ecuador	80,266	74,410	(a)
Guiana (French and Dutch) (estimated)	6,000	6,000	6,000
Peru	17,103,768	19,914,482	16,993,204
Venezuela (estimated)	7,000	7,000	7,000
China	150,000	150,000	(a)
French Indo-China	3,633	5,594	3,537
Japan	8,230,535	9,605,231	10,000,000
Korea	1,265,000	1,891,000	(a)
" Manchoukuo "	3,497	(a)	(a)
Netherlands East Indies	701,700	663,049	500,084
Philippine Islands	322,020	467,885	719,771
Total	186,000,000	209,000,000	224,000,000
WORLD'S TOTAL	223,000,000	249,000,000	271,000,000

(a) Information not available.

(c) Imported into the United States from Guatemala.

EXPORTS OF SILVER*

(In terms of metal)

(Fine troy ounces)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unrefined bullion	500,000	450,000	—
Refined bullion	423,300,000	195,600,000	88,900,000
Anglo-Egyptian Sudan—			
Bullion	44,600	—	—
Gold coast—			
Bullion	—	26,000	34,000
Northern Rhodesia—			
Bullion	110	270	380
Southern Rhodesia—			
Concentrates	20,100	14,400	40,000
Bullion	120,600	125,900	127,900
Union of South Africa—			
Bullion	458,000	606,000	172,000
Zanzibar—			
Bullion	14,000	1,700	—
British West Indies—			
Trinidad and Tobago—			
Bullion	270	260	—
Canada—			
Ore, concentrates, etc.	1,360,000	3,350,000	5,770,000
Bullion	24,062,000	15,877,000	15,290,000
British India (c)—			
Bullion	60,809,000	5,226,000	2,741,000
British Malaya—			
Bullion	1,370,000	610,000	494,000
Burma—			
Bullion	(b)	(b)	(b)4,704,000
Ceylon—			
Bullion	—	1,800	700
Cyprus—			
Ore, etc.	44,536	125,704	132,968
Hong Kong—			
Bullion	75,000,000	19,500	4,100,000
Australia (years ended June 30)—			
Ores, concentrates and matte	362,000	1,044,000	335,000
Bullion	4,037,000	6,455,000	7,979,000

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

(b) Included with India prior to April 1, 1937.

(c) Includes trade by land as recorded.

EXPORTS OF SILVER (*Cont.*)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
Fiji—			
Bullion	—	800	1,500
New Zealand—			
Concentrates, sweepings, etc. ..	1,800	5,000	3,000
Bullion	387,400	473,600	436,600
FOREIGN COUNTRIES			
Austria—			
Bullion	190,000	420,000	420,000
Belgium-Luxemburg E.U.—			
Bullion and scrap	12,600,000	7,600,000	9,500,000
Beaten, rolled or drawn	600	1,200	14,500
Czechoslovakia—			
Bullion and scrap	840,000	200,000	920,000
Denmark—			
Bullion	94,000	106,000	165,000
France—			
Bullion	7,400,000	2,200,000	(a)
Beaten, rolled or drawn	170,000	80,000	260,000
Germany—			
Bullion	8,300,000	4,700,000	8,100,000
Greece—			
Bullion	8,600	2,000	—
Hungary—			
Bullion	500	—	300
Italy—			
Bullion, etc.	13,000	15,000	4,000
Lithuania—			
Bullion, etc.	4,100	5,300	—
Netherlands—			
Bullion and scrap (d)	4,700,000	3,200,000	3,000,000
Norway—			
Bullion	300	140,000	32,000
Poland—			
Bullion	29,000	32,000	54,000
Roumania—			
Bullion	—	—	1,400,000

(a) Information not available.

(d) Excluding exports by post during 1936 and 1937.

EXPORTS OF SILVER (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Bullion	1,100,000	(a)	(a)
Sweden—			
Bullion	280,000	400,000	550,000
Switzerland—			
Bullion	1,700,000	154,000	1,120,000
Yugoslavia—			
Bullion	57,000	6,600	—
Belgian Congo—			
Bullion	20,000	32,000	1,226,000
Egypt—			
Bullion and scrap	771,000	2,800	1,000
Morocco (French)—			
Bullion	—	—	230,000
Tunis—			
Bullion	3,000	31,000	—
Cuba—			
Bullion	—	17,000	(a)
Honduras (c)—			
Bullion	2,800,000	2,800,000	3,280,000
Mexico—			
Bullion	86,074,000	66,335,000	78,971,000
Nicaragua—			
Concentrates	30,000	90,000	100,000
Bullion	30,000	1,300	—
Salvador—			
Bullion	23,000	(a)	(a)
United States—			
Ore and base bullion	690,000	1,200,000	1,400,000
Refined bullion	5,300,000	2,700,000	2,100,000
Argentina—			
Bullion	110,000	15,000	580,000
Bolivia—			
Ores, etc.	7,936,000	10,723,000	9,452,000
Bullion	15,000	(a)	(a)
Chile—			
Ore (excluding mixed ore)	160,000	37,000	27,000
Bullion	300,000	280,000	86,000
Colombia—			
Bullion	100,000	170,000	6,600

(a) Information not available.

(c) Years ended July 31 of year stated.

EXPORTS OF SILVER (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Peru—			
Ores, concentrates, etc.	4,840,000	6,933,000	6,500,000
Bullion	12,597,000	12,975,000	10,495,000
China—			
Bullion	19,300,000	15,000,000	22,500,000
French Indo-China—			
Bullion	52,000	10,600	6,700
Iran (<i>b</i>)—			
Bullion	—	1,500,000	—
Iraq—			
Bullion, etc.	90,000	5,500	—
Japan—			
Bullion	101,000,000	23,300,000	(<i>a</i>)
Korea—			
Bullion	80,000,000	8,300,000	(<i>a</i>)
“Manchoukuo”—			
Bullion	1,500,000	4,900,000	340,000
Netherlands East Indies—			
Bullion and scrap	1,535,000	690,000	450,000

(*a*) Information not available.

(*b*) Years ended June 21.

IMPORTS OF SILVER*

*(In terms of metal)**(Fine troy ounces)*

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Unrefined bullion	100,746,000	44,730,000	6,840,000
Refined bullion	164,400,000	44,700,000	45,200,000
Malta—			
Bullion	—	141	4,400
Anglo-Egyptian Sudan—			
Bullion	—	167,400	534,000
Gold Coast—			
Bullion	7	1,700	1,800
Nigeria—			
Bullion	700	3,000	3,100
Sierra Leone—			
Bullion	600	700	1,000
Tanganyika Territory—			
Bullion	—	70	—
Union of South Africa—			
Bullion	2,000	4,000	455,000
Zanzibar—			
Bullion	1,200	—	—
Canada—			
Bullion	8,700,000	5,300,000	2,000,000
British Guiana—			
Bullion	200	—	—
British West Indies—			
Trinidad and Tobago—			
Bullion	—	5,500	18,700
Burma—			
Bullion	(b)	(b)	(b)76,500
Ceylon—			
Bullion	20,000	79,000	97,000
Cyprus—			
Bullion	3,200	7,500	9,900
British India(c)—			
Bullion	9,051,000	102,023,000	49,640,000
British Malaya—			
Bullion	850,000	490,000	702,000

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

(b) Included with India prior to April 1, 1937.

(c) Includes trade by land as recorded.

IMPORTS OF SILVER (*Cont.*)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
Hong Kong—			
Bullion	800,000	32,000	4,400,000
Australia (years ended June 30)—			
Bullion	133,000	146,000	174,000
New Zealand—			
Bullion	6,700	8,000	(a)
FOREIGN COUNTRIES			
Austria—			
Bullion	370,000	710,000	680,000
Belgium-Luxemburg E.U.—			
Bullion and scrap	130,000	150,000	70,000
Beaten, rolled or drawn	16,000	27,000	37,000
Bulgaria—			
Bullion, etc.	12,500	11,300	11,400
Czechoslovakia—			
Bullion and scrap	240,000	50,000	1,600
Denmark—			
Bullion, etc.	1,500,000	1,900,000	2,200,000
Estonia—			
Bullion, etc.	19,000	57,000	63,000
Finland—			
Bullion, etc.	255,000	358,000	505,000
France—			
Bullion	4,700,000	5,500,000	(a)
Beaten, rolled or drawn	420,000	960,000	440,000
Germany—			
Ores (b)	(£15,000)	(£6,000)	(£14,000)
Bullion	3,600,000	5,400,000	6,700,000
Scrap	(£78,000)	(£43,000)	(£33,000)
Greece—			
Bullion	—	1,700	550
Hungary—			
Bullion	320,000	340,000	1,500,000
Italy—			
Bullion, etc.	1,600,000	161,000	1,100,000
Latvia—			
Bullion, etc.	90,000	141,000	177,000

(a) Information not available.

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

IMPORTS OF SILVER (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Lithuania—			
Bullion, etc.	34,000	580,000	26,000
Netherlands—			
Bullion and scrap	1,300,000	(c) 700,000	(c) 1,010,000
Norway—			
Bullion	150,000	320,000	400,000
Beaten, rolled or drawn ..	330,000	500,000	660,000
Poland—			
Bullion	217,000	2,900,000	640,000
Portugal—			
Bullion	76,000	265,000	(a)
Roumania—			
Bullion, etc.	350	420	1,700
Spain—			
Bullion	366,000	(a)	(a)
Sweden—			
Bullion	1,360,000	1,650,000	1,600,000
Switzerland—			
Bullion	1,200,000	1,260,000	3,460,000
Yugoslavia—			
Bullion, etc.	4,600	5,200	3,700
Algeria—			
Bullion, etc.	17,000	19,000	7,000
Egypt—			
Bullion and scrap	19,000	1,081,000	591,000
Morocco (French)—			
Bullion, etc.	—	30,000	9,000
Beaten, rolled or drawn ..	100	125,000	80,000
Tunis—			
Beaten, rolled or drawn ..	28,000	22,000	9,800
United States—			
Ore and base bullion	47,200,000	42,700,000	48,400,000
Refined bullion	474,100,000	194,700,000	108,800,000
Argentina—			
Bullion	100	—	19,000
Brazil—			
Bullion	13,300	8,400	54,000
Chile—			
Bullion	600	1,400	1,900
Colombia—			
Bullion	2,400	6,300	3,500

(a) Information not available.

(c) Excluding imports by parcel post.

IMPORTS OF SILVER (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Dutch Guiana—			
Bullion	2,200	3,000	(a)
China—			
Bullion	—	1,500	1,000
French Indo-China—			
Bullion, etc.	1,800	700	700
Beaten, rolled or drawn ..	12,000	100,000	30,000
Iran (years ended June 21)—			
Bullion	—	8,000	12,700
Iraq—			
Bullion, etc.	10	300	100
Japan—			
Bullion	1,000	44,000	(a)
Korea—			
Bullion	31,900,000	4,700,000	(a)
Netherlands East Indies—			
Bullion and scrap	82,000	168,000	420,000
Siam—			
Bullion	36,000	408,000	230,000
Syria and Lebanon—			
Bullion	18,000	41,000	60,000
Turkey—			
Bullion, etc.	664,000	2,000	9,000

(a) Information not available.

STRONTIUM MINERALS

PRODUCTION OF STRONTIUM MINERALS

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom— Celestite	4,510	5,771	7,597
FOREIGN COUNTRIES			
Germany (Prussia)— Strontianite	182	258	268

(a) Information not available.

(b) Contains about 15% barytes.

EXPORTS OF STRONTIUM MINERALS, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
France— Strontium compounds	4	4	6
Germany (b)— Strontianite and witherite ..	349	372	487
Strontium compounds	52	56	90

(b) Celestite recorded with barytes.

IMPORTS OF STRONTIUM MINERALS, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Czechoslovakia—			
Strontium nitrate	4	1	2
France—			
Strontium compounds	16	25	28
Italy—			
Strontium compounds	5	6	7
United States—			
Strontianite and celestite.. .. .	1,194	1,732	2,516
Strontium compounds	134	333	292
Chile—			
Strontium compounds	(4 cwt.)	(7 cwt.)	(14 cwt.)
Peru—			
Strontium compounds	(12 cwt.)	(11 cwt.)	(18 cwt.)

SULPHUR

PRODUCTION OF SULPHUR*
(Long tons)

Producing Country and Description.	1935	1936	1937	Estimated Sulphur Content.		
				1935	1936	1937
BRITISH EMPIRE						
United Kingdom and Irish Free State— Spent oxide (b) ..	156,500	161,200	165,100	75,800	61,500	78,700
Canada— Smelter gas (d) .. do. recovered as sulphur				46,979 275	49,554 3,093	51,071 12,083
Palestine— Sulphur ..	634	79	494	561	73	482
FOREIGN COUNTRIES						
France— Sulphur rock ..	620	(a)	1,585	64	123	(a)
Germany (estimated)— Recovered from gases Other by-product sulphur				30,000 4,000	(a) (a)	(a) (a)
Greece— Sulphur rock .. Refined sulphur ..	118 23	1,774 150	(a) (a)	24 23	355 149	(a) (a)
Hungary— Sulphur recovered from pyrites ..				—	60	(a)
Italy— Sulphur rock .. Crude sulphur (c)— Fused Ground	1,911,148 307,023 18,738	1,980,411 322,395 20,743	2,108,947 338,100 (a)	(a) (a) (a)	(a) (a) (a)	(a) (a) (a)
Norway (exports)— Sulphur recovered from pyrites ..				65,124	63,768	95,694
Portugal— Sulphur recovered from pyrites ..	8,563	9,383	13,021	8,477	9,289	12,792

* See also Pyrites (page 356).

(a) Information not available.

(b) Consumed by the sulphuric acid industry.

(c) Derived from sulphur rock above.

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

PRODUCTION OF SULPHUR (Cont.)

Producing Country and Description.	1935	1936	1937	Estimated Sulphur Content.		
				1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
Sweden—						
Sulphur	11,502	19,306	18,141	(a)	(a)	(a)
Mexico—						
Crude Sulphur ..	3,206	1,272	(a)	(a)	(a)	(a)
United States—						
Crude sulphur ..	1,632,590	2,016,338	2,741,970	(a)	(a)	(a)
Smelter gas (b) ..				145,000	145,000	145,000
Argentina—						
Sulphur	7	—	(a)	(a)	—	(a)
Bolivia (exports)—						
Sulphur	4,183	935	1,721	(a)	(a)	(a)
Ecuador—						
Sulphur rock ..	50	50	50	25	25	25
Guatemala—						
Sulphur	—	16	12	—	(a)	(a)
Chile—						
Sulphur rock ..	4,785	11,600	(a)	(a)	(a)	(a)
Refined sulphur ..	19,792	25,524	16,766	(a)	(a)	(a)
Peru—						
Sulphur	2,117	1,646	1,551	(a)	(a)	(a)
Formosa—						
Sulphur	1,054	1,200	(a)	(a)	(a)	(a)
Japan—						
Sulphur rock ..	20,764	(a)	(a)	9,300	(a)	(a)
Refined sulphur ..	162,340	172,545	(a)	(a)	(a)	(a)
Netherlands East Indies—						
Sulphur	9,492	9,919	12,474	9,482	9,909	12,462
Turkey—						
Sulphur	2,144	3,112	2,721	1,072	3,081	2,694

Sulphur is also produced in Spain, U.S.S.R., China and "Manchoukuo."

(a) Information not available.

(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.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	1,502	2,007	1,988
Union of South Africa	45	8	8
British Malaya (including re-exports)	74	32	26
Hong Kong (including re-exports)	626	2,089	1,663
Palestine	85	339	455
FOREIGN COUNTRIES			
Austria	22	22	16
Belgium-Luxemburg E.U.	3,396	7,249	5,156
Czechoslovakia	19	2	7
France—			
Rock	1,262	1,596	820
Crude	1,338	1,875	1,184
Refined lump	1,584	1,033	2,378
Flowers of sulphur	9,779	11,559	16,347
Precipitated sulphur	2,768	5,868	4,866
Germany—			
Sulphur, etc.	24,823	36,931	26,108
Italy—			
Rock	10	15	23
Crude lump	201,709	177,471	356,306
Crude ground	3,802	5,112	2,493
Refined lump	12,950	13,595	12,866
Refined ground	21,887	5,072	10,163
Flowers of sulphur	2,469	1,431	2,238
Netherlands	8	2	29
Norway	65,124	63,768	95,694
Spain—			
Crude, unground	12,973	(a)	(a)
Refined and flowers of sulphur	199	(a)	(a)
Sweden	600	6,325	4,714
Switzerland	—	25	—
U.S.S.R.	9	13	20

(a) Information not available.

EXPORTS OF SULPHUR (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Algeria—			
Rock	—	2,323	9,783
Refined and flowers of sulphur ..	69	96	84
Mexico.. .. .	76	(a)	384
United States—			
Crude	402,383	547,199	644,005
Refined and flowers of sulphur ..	10,916	19,709	13,245
Argentina	82	1	20
Bolivia	4,183	935	1,721
Chile	14,822	10,769	19,358
Peru	2,149	1,696	1,570
Formosa	747	852	(a)
Japan	53,743	70,735	49,052
Netherlands East Indies	2,009	3,922	4,650

(a) Information not available.

IMPORTS OF SULPHUR

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	85,753	121,890	152,244
Eire	313	233	472
Malta—			
Flowers of sulphur	(£1,259)	(£1,206)	(£1,638)
Mauritius	340	434	469
South West Africa	82	85	139
Southern Rhodesia	9	1	39
Union of South Africa—			
Rock-sulphur	17,150	12,276	21,684
Flowers of sulphur	1,231	1,114	1,411
British Guiana	51	3	2
Canada	122,031	150,691	201,504
Newfoundland (years ended June 30)	3,895	—	—
British India (total imports)	25,044	25,560	30,987
British Malaya (total imports)	477	301	334
Burma	(b)	(b)	(b) 3,673
Ceylon	1,135	895	931
Cyprus	196	205	112
Hong Kong (total imports)	731	958	1,909
Palestine	376	132	335
Australia	75,636	95,244	126,703
Fiji	4	3	3
New Zealand	47,658	32,243	55,831
FOREIGN COUNTRIES			
Albania	84	66	39
Austria	9,390	8,859	9,249
Belgium-Luxemburg E.U.	13,791	15,907	18,141
Bulgaria	291	226	486
Czechoslovakia—			
Crude and ground	5,727	8,434	9,057
Flowers of sulphur	16	69	32
Denmark	444	663	484

(a) Information not available.

(b) Included with India prior to April 1, 1937.

IMPORTS OF SULPHUR (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Estonia—			
Crude	8,406	9,271	12,577
Refined	19	22	23
Finland (total imports)	54,090	63,384	75,874
France—			
Rock	85,610	23,615	37,330
Crude	83,621	102,535	214,986
Refined lump	306	277	116
Flowers of sulphur	54	31	—
Precipitated	191	344	197
Germany—			
Sulphur, etc.	60,095	70,272	63,186
Greece	12,790	11,432	9,059
Hungary	2,820	2,231	2,365
Italy	1	48	—
Latvia—			
Crude	1,999	2,242	3,416
Refined and flowers of sulphur ..	68	55	105
Lithuania—			
Refined	38	94	92
Netherlands	1,802	1,682	1,702
Norway	14,148	15,510	15,766
Poland—			
Crude	3,291	4,079	} 5,780
Refined	779	617	
Flowers of sulphur	9	30	
Portugal—			
Crude	3,130	297	} 2,335
Flowers of sulphur	41	108	
Roumania—			
Crude	1,002	321	217
Refined and flowers of sulphur ..	1,107	951	2,250
Sweden	71,351	68,195	83,008
Switzerland—			
Crude and ground	3,854	3,949	7,122
Flowers of sulphur	360	449	358
U.S.S.R.	21	2,956	76
Yugoslavia—			
Crude	1,059	1,094	1,656
Refined and flowers of sulphur ..	1,899	1,153	1,229

IMPORTS OF SULPHUR (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Rock	4,255	8,948	582
Crude	6,221	11,502	14,409
Refined	920	316	1,412
Flowers of sulphur	6,664	8,589	12,989
Precipitated	2,092	4,737	3,033
Angola	104	77	(a)
Belgian Congo	2,526	2,485	2,548
Egypt	2,755	2,406	1,383
Madagascar	53	61	108
Morocco (French)	1,135	1,382	1,479
Morocco (Spanish)	(a)	4	16
Mozambique	406	281	373
Tunis—			
Crude	4,566	4,293	11,855
Refined and flowers of sulphur	1,551	2,184	2,631
Cuba (total imports)	62	138	(a)
Guatemala	67	105	86
Honduras (years ended July 31)	137	160	105
Mexico	10,791	311	10,012
Salavador	20	(a)	(a)
United States—			
Sulphur rock and sulphur	1,978	729	628
Argentina—			
Crude	19,746	29,097	18,819
Refined and flowers of sulphur	56	54	22
Brazil (total imports)	14,181	13,960	14,788
Chile	50	2	2
Colombia	130	186	196
Peru	142	172	191
Uruguay	3,017	2,906	3,802
China	3,483	5,258	5,759
French Indo-China	202	240	297
Iran (b)	(a)	(a)	532
“ Manchoukuo ”	500	2,006	4,449
Netherlands East Indies	792	424	3,932
Syria and Lebanon	182	193	197
Turkey—			
Refined and flowers of sulphur	2,552	1,447	903
Precipitated	41	—	6

(a) Information not available.

(b) Total imports for years ended June 21.

TALC

PRODUCTION OF TALC

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE.			
Union of South Africa	299	406	370
Canada (sales) (b)	12,324	12,954	11,122
India	12,596	9,968	13,040
Australia	1,442	1,502	1,494
FOREIGN COUNTRIES			
Austria	30,254	(c) 30,000	(c) 25,000
Bulgaria	15	—	—
Finland	2,150	1,656	(a)
France	58,600	50,700	55,400
Germany (Bavaria)	3,900	5,009	7,667
Greece	543	850	(a)
Italy	41,014	43,226	44,987
Norway	27,343	25,827	(a)
Roumania	1,967	2,489	1,945
Sweden	5,967	7,033	7,812
Egypt	360	345	2,230
Morocco (French) (exports)	709	1,346	828
United States (sales)	154,211	193,028	205,356
Argentina	173	174	(a)
Uruguay (exports)	1,181	704	297
French Indo-China	170	670	325
" Manchoukuo " (exports)	73,665	81,785	109,384

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

(a) Information not available.

(b) Excluding soapstone, which is only recorded by value and was as follows :—

1935	..	..	..	..	..	£6,500
1936	..	..	..	..	..	£6,600
1937	..	..	..	..	..	£8,200

(c) Estimated.

EXPORTS OF TALC

(Domestic Produce)

(Long tons)

Exporting Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	295	58	112
Canada	7,971	9,127	7,766
FOREIGN COUNTRIES			
Austria	20,620	19,659	13,865
Belgium-Luxemburg E.U.	131	65	266
Czechoslovakia	1,007	2,119	2,448
Finland	899	2,122	2,425
France	13,993	14,782	18,765
Germany	853	740	961
Italy	17,870	9,746	15,922
Norway	19,723	22,927	22,964
Roumania	739	650	310
U.S.S.R.	831	4	—
Egypt	707	473	(a)
Morocco (French)	709	1,346	828
United States	5,191	5,955	7,927
Chile	288	49	276
Uruguay	1,181	704	297
Japan	6,314	8,194	11,303
"Manchoukuo"	73,665	81,785	109,384

(a) Information not available.

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

Importing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	23,025	24,542	29,750
Seychelles	7	12	(a)
Canada	2,405	2,622	2,842
British India	26	42	40
Cyprus	177	31	72
Australia	551	557	684
FOREIGN COUNTRIES			
Albania	5 26	46	51
Austria	462	830	457
Belgium-Luxemburg E.U.	3,852	4,275	5,163
Czechoslovakia	3,793	4,354	5,238
Denmark	2,514	2,162	2,047
Estonia	60	58	108
Finland (total imports)	773	693	987
France	3,469	2,597	2,737
Germany	24,523	24,144	15,834
Latvia	183	84	151
Lithuania	21	32	32
Poland	3,211	3,403	3,720
Roumania	141	143	140
Yugoslavia	446	263	439
Algeria	459	586	486
Belgian Congo	(a)	(a)	43
Egypt	908	989	1,210
Morocco (French)	23	33	42
Tunis	471	638	376
Guatemala	7	3	(a)
Mexico	264	266	464
United States	21,337	21,893	23,997
Argentina	1,479	1,229	623
Chile	37	26	54
Colombia	152	132	204
Peru	128	81	131
Venezuela	50	61	(a)
Formosa	15	36	(a)
French Indo-China	92	123	165
Japan (total imports)	64,219	64,674	86,742
Philippine Islands	(a)	(a)	(b)159
Syria and Lebanon	57	60	103
Turkey	20	2	5

(a) Information not available.

(b) March-December only.

TIN

PRODUCTION OF TIN ORE

*(In terms of metal)**(Long tons)*

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	2,050	2,099	1,987
Nigeria	6,299	9,648	10,782
Northern Rhodesia	5	5	5
Southern Rhodesia	7	47	139
South West Africa	164	162	169
Swaziland	127	128	108
Tanganyika Territory	145	207	243
Uganda	397	409	361
Union of South Africa	622	634	537
Burma	4,102	4,546	4,636
Federated Malay States (shipments)	40,749	64,719	75,393
Unfederated Malay States	1,542	1,979	2,075
Straits Settlements	52	58	72
Australia	3,130	3,361	3,607
Total ..	59,400	88,000	100,100
FOREIGN COUNTRIES			
Germany	25	50	(a)
Portugal	730	823	1,095
Belgian Congo	6,132	7,303	8,133
Cameroon (French)	216	216	258
Morocco (French)	38	22	14
Mozambique	7	15	(a)
Mexico	621	368	373
United States	45	101	145
Argentina	700	940	2,200
Bolivia (exports)	25,002	24,091	25,127
China (smelter)	9,700	10,400	11,100
French Indo-China	1,310	1,381	1,577
Japan	2,202	2,300	2,300
Netherlands East Indies	20,141	30,769	39,165
Siam (exports)	9,737	12,526	15,985
Total ..	77,000	91,000	107,500
WORLD'S TOTAL	136,000	179,000	208,000

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, Swaziland 70, Uganda 70, Burma 70, Belgian Congo 70, Japan 70, Siam 72.

(a) Information not available.

SMELTER PRODUCTION OF TIN

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (estimated) ..	29,100	34,200	33,800
British Malaya (b)	60,479	84,591	95,372
Australia	2,837	2,717	2,907
Total ..	92,000	122,000	132,000
FOREIGN COUNTRIES			
Belgium (estimated)	4,000	5,100	5,400
Germany	2,042	2,293	2,600
Italy	—	286	76
Netherlands	15,600	20,900	26,700
Portugal	1	—	—
Norway	454	233	241
Belgian Congo (exports) ..	1,661	1,949	2,245
Argentina	(a)	600	680
China	9,700	10,400	11,100
Japan	2,036	1,830	1,840
Netherlands East Indies (exports) ..	11,221	12,854	13,757
Total ..	47,000	56,000	65,000
WORLD'S TOTAL ..	139,000	178,000	197,000

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

1935 ..	24,900 long tons.
1936 ..	25,018 " "
1937 ..	27,054 " "

Secondary tin recovered in Italy was as follows:—

1935 ..	670 long tons.
1936 ..	695 " "
1937 ..	530 " "

(a) Information not available.

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

EXPORTS OF TIN

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore and concentrates	49	11	27
Blocks, ingots, bars and slabs ..	22,996	15,419	14,833
Soft solder	1,921	2,024	2,199
Tin-foil	308	328	406
Nigeria—			
Ore	8,948	12,000	15,035
Southern Rhodesia—			
Ore	21	83	198
South West Africa—			
Ore	240	240	215
Tanganyika Territory—			
Ore and concentrates	178	264	157
Kenya and Uganda—			
Ore	550	599	533
Union of South Africa—			
Ore and concentrates	957	1,034	951
British India—			
Ore (c)	4,196	3,376	653
Blocks, ingots, bars and slabs ..	1,833	4,909	5,346
British Malaya (including re- exports)—			
Ore	—	—	2,365
Ingots	62,248	83,492	93,106
Burma—			
Ore	(b)	(b)	(b)2,153
Blocks, ingots, etc.	(b)	(b)	(b)159
Hong Kong (including re- exports)—			
Slab and ingot	8,668	8,737	7,191
Australia—			
Ore, dross, etc. (Sn content) ..	239	246	192
Ingots	997	566	723

(b) Included with India prior to April 1, 1937.

(c) Excluding tin-tungsten ore.

EXPORTS OF TIN (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
Austria—			
Crude, scrap and alloys	67	174	174
Belgium-Luxemburg E.U.—			
Ore	224	1,274	2,555
Ingots, pigs, scrap, etc.	6,175	6,618	8,291
Sheets, wire, etc.	111	94	78
Czechoslovakia—			
Ore	—	—	84
Ingots, scrap and alloys	118	92	139
Denmark—			
Crude and scrap	150	158	191
France—			
Ore	18	8	40
Pigs, bars, etc.	221	167	256
do. (alloys)	290	229	333
Scrap	15	39	44
Sheets and wire	60	89	90
Germany—			
Ingots, scrap and alloys	802	691	78
Sheets and wire	32	37	3
Tin-foil	98	96	37
Italy—			
Ingots, bars, scrap, sheets, alloys, etc.	23	16	61
Netherlands—			
Ore	—	1	366
Blocks	17,363	20,201	25,332
Sheets, wire, etc.	154	59	135
Norway—			
Ingots and bars	145	59	69
Portugal—			
Ore	1,092	1,209	1,574
Spain—			
Ore	462	(a)	(a)
Ingots and bars	202	(a)	(a)
Sweden—			
Crude and scrap	44	41	57
Switzerland—			
Pigs, bars, slabs, sheets, alloys, etc.	151	55	78
Tin-foil	67	73	102
Scrap	59	70	53

(a) Information not available.

EXPORTS OF TIN (*Cont.*)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Algeria—			
Ingots, scrap and alloys	20	22	51
Belgian Congo—			
Ore	6,506	7,170	8,468
Ingots	1,661	1,949	2,245
Cameroon (French)—			
Ore	322	262	429
Morocco (French)—			
Ore	47	29	27
Scrap	48	17	71
Mexico—			
Concentrates (<i>Sn content</i>)	114	473	260
Argentina—			
Ore	47	219	816
Slag and ashes	183	427	362
Ingots and bars	85	350	336
Bolivia—			
Ores, concentrates, etc. (<i>Sn content</i>)	25,002	24,091	25,127
Peru—			
Slag (<i>Sn content</i>)	—	97	195
China—			
Ingots and slabs	9,035	11,083	12,871
Tin-foil	28	28	35
French Indo-China—			
Ore	2,514	2,403	2,590
Ingots and scrap	1,224	1,549	2,249
Japan—			
Ore	237	769	845
Tin-foil	23	21	41
Netherlands East Indies—			
Ore	16,221	25,735	35,923
Ingots	11,221	12,854	13,757
Siam (including re-exports)—			
Ore	13,525	17,397	22,202

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

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore and concentrates	44,137	51,923	50,756
Blocks, ingots, bars and slabs	8,281	5,207	8,293
Soft solder	23	38	51
Tin-foil	—	(c) 1	2
Eire—			
Ingots, bars, slabs, etc.	32	29	32
Soft solder	199	214	212
Tin-foil	26	23	19
Kenya and Uganda—			
Ore	(c) 17	(c) 29	(c) 77
Bars, plates and sheets	2,872	1,983	3,080
Mauritius—			
Ingots	6	6	2
Southern Rhodesia (total imports)—			
Blocks, ingots and bars	36	95	39
South West Africa—			
Bars, sheets, etc.	1	2	2
Union of South Africa—			
Blocks, ingots, bars, plates and sheets	424	408	642
Tin-foil	14	25	31
Canada—			
Blocks, pigs and bars	2,088	2,164	2,625
Tin-foil	20	31	28
British India—			
Blocks, ingots, bars and slabs	2,820	2,496	2,834
British Malaya (total imports)—			
Ore	22,032	26,938	31,169
Ingots, etc.	41	—	4
Burma—			
Blocks, ingots, etc.	(b)	(b)	(b)38
Ceylon—			
Ingots, slabs, etc.	55	30	72
Plates and sheets	28	38	9
Tin solder	24	19	19
Cyprus—			
Ingots and bars	7	7	8

(b) Included with India prior to April 1, 1937.

(c) Excess of re-exports.

IMPORTS OF TIN (*Cont.*)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (<i>Cont.</i>)			
Hong Kong (total imports)—			
Slabs and ingots	8,855	9,032	8,535
Palestine—			
Ingots and bars	51	38	31
Australia—			
Ingots	1	2	27
New Zealand—			
Ingots, etc.	227	232	274
FOREIGN COUNTRIES			
Albania—			
Ingots, bars and sheets ..	13	14	10
Austria—			
Crude, scrap and alloys ..	726	699	703
Belgium-Luxemburg E.U.—			
Ore	6,006	8,630	10,246
Ingots, pigs, scrap, etc. ..	2,249	3,414	3,402
Sheets, wire, etc.	87	89	107
Bulgaria—			
Crude, bars, sheets, scrap, etc. ..	170	266	211
Czechoslovakia—			
Crude, scrap, and alloys ..	1,396	1,777	1,871
Denmark—			
Crude and scrap	613	687	730
Sheets, wire, etc.	13	8	7
Tin-foil	59	64	44
Estonia—			
Crude and scrap	39	30	42
Finland (total imports)—			
Ingots, bars and scrap	262	257	294
Tin solder	10	12	31
France—			
Ore	16	122	32
Pigs, bars, etc.	8,431	9,841	9,431
do. (alloyed with antimony) ..	32	35	53
Scrap	122	190	348
Sheets and wire	63	68	58
Germany—			
Ore	1,212	1,539	6,519
Crude, scrap and alloys	11,638	9,032	10,157
Sheets and wire	5	7	10
Tin-foil	2	1	—
Greece	215	216	228

IMPORTS OF TIN (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Hungary—			
Crude and scrap	473	638	612
Foil	14	4	5
Italy—			
Ingots, bars, scrap and alloys ..	6,664	3,658	3,587
Tubes, wire and alloys	32	46	75
Latvia—			
Ingots and scrap	98	63	94
Lithuania—			
Sheets and scrap	17	33	20
Netherlands—			
Ore	22,374	32,263	39,648
Blocks	653	305	631
Sheets, wire, etc.	64	54	41
Norway—			
Crude	335	436	459
Bars, sheets, filings, etc.	90	79	84
Poland—			
Ingots, bars and sheets	907	1,322	1,271
Portugal—			
Sheets, wire, etc.	258	165	(a)
Roumania—			
Ingots, bars and scrap	272	274	400
Sheets, plates, tubes, wire and foil	12	28	4
Spain—			
Ingots and bars	1,915	(a)	(a)
Sheets, tubes and foil	21	(a)	(a)
Sweden—			
Crude	1,912	1,705	1,901
Switzerland—			
Pigs, bars and slabs	1,152	1,163	1,175
Sheets, wire, foil, etc.	12	14	12
U.S.S.R.—			
Blocks, pigs and scrap	7,311	9,664	(b) 12,309
Yugoslavia—			
Crude and scrap	334	392	326
Bars, sheets, wire, foil, etc. ..	7	11	8

(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:—

United Kingdom	13,678 long tons.
Belgium-Luxemburg	2,526 " "
Netherlands	8,898 " "

IMPORTS OF TIN (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Algeria—			
Crude, sheets and alloys, etc. ..	171	212	267
Belgian Congo	7	8	—
Egypt—			
Crude and scrap	558	483	454
Madagascar—			
Bars, sheets, etc.	30	41	40
Morocco (French)—			
Ingots, sheets and wire	11	29	21
Mozambique—			
Bars, sheets, etc.	4	20	4
Tunis—			
Pigs, bars, and sheets	66	103	53
Cuba (total imports)—			
Ingots	61	81	(a)
Bars, sheets, etc.	83	114	(a)
Mexico—			
Ingots	55	53	42
United States—			
Ore (<i>Sn content</i>)	178	179	151
Blocks, pigs, bars, etc.	61,966	75,643	87,802
Argentina—			
Ingots and sheets	795	975	775
Brazil (total imports)—			
Ingots and bars	772	849	914
Colombia—			
Ingots, bars, sheets, etc.	33	37	42
Chile—			
Ingots	190	145	208
Bars and sheets	2	1	1
Peru—			
Bars, sheets, etc.	55	63	65
Uruguay—			
Ingots	266	179	(a)
Venezuela—			
Crude	16	13	(a)
China—			
Ingots and slabs	49	64	66
Tin and lead foils	19	26	5

(a) Information not available.

IMPORTS OF TIN (*Cont.*)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (<i>Cont.</i>)			
Formosa—			
Ingots, slabs, etc.	98	139	(a)
French Indo-China—			
Ingots and alloys	1,408	2,263	2,873
Sheets	37	50	25
Iran (total imports) (<i>b</i>)—			
Ingots, sheets and wire	(a)	(a)	203
Iraq—			
Crude, etc.	59	59	59
Sheets, wire, etc.	—	318	83
Japan (total imports)—			
Ingots and slabs	4,185	4,544	(a)
“Manchoukuo”—			
Ingots and slabs	235	200	372
Netherlands East Indies—			
Tin and tin-foil	125	118	136
Philippine Islands—			
Ingots	79	132	77
Tin-foil	1	20	71
Siam (total imports)—			
Crude	61	40	50
Syria and Lebanon—			
Ingots and sheets	85	88	22
Turkey—			
Ingots, sheets and scrap	456	433	584

(a) Information not available.

(b) Years ended June 21.

TITANIUM MINERALS

PRODUCTION OF TITANIUM MINERALS

(Long tons)

Producing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
South West Africa—			
Rutile	—	54	16
Canada (shipments)—			
Titaniferous iron ore	2,043	2,291	3,776
Federated Malay States (exports)—			
Ilmenite	2,500	10,314	6,252
India—			
Ilmenite	127,051	140,477	181,047
Australia—			
Ilmenite	(b)	(b)	670
Rutile	(b)	(b)	1,123
Rutile-ilmenite	(b)	(b)	72
FOREIGN COUNTRIES			
Norway—			
Ilmenite	37,384	66,133	66,270
Rutile	122	195	184
Portugal—			
Ilmenite	260	521	1,433
Cameroon (French)—			
Rutile	44	54	101
Egypt	180	24	315
Senegal—			
Ilmenite	3,750	3,850	(a)
Brazil (exports)—			
Ilmenite	282	9	230
Rutile	—	710	644

NOTE.—Titanium minerals are also produced in the United States' but figures are not available for publication. In recent years, however, the production of ilmenite has varied between 1,000 and 5,000 tons, and the production of rutile has been several hundred tons.

(a) Information not available.

(b) Zircon-rutile-ilmenite sands were produced in New South Wales, but only the Zircon was recovered.

EXPORTS OF TITANIUM MINERALS, ETC.

(Domestic Produce)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
South West Africa—			
Rutile	—	1	52
British Malaya—			
Ilmenite	2,500	10,314	6,252
India (Travancore) (b)—			
Ilmenite	113,468	113,312	147,493
FOREIGN COUNTRIES			
Czechoslovakia—			
Titanium oxide	(a)	(a)	125
France—			
Titanium oxide	493	607	598
Italy—			
Titanium oxide	65	39	26
Norway—			
Ilmenite	51,811	63,094	50,703
Rutile	119	118	103
Titanium oxide	427	1,344	1,431
Cameroon (French)—			
Rutile	42	54	101
French West Africa (Senegal)—			
Ilmenite	1,230	3,177	1,596
United States—			
Titanium oxide and pigments ..	(a)	(a)	1,300
Brazil—			
Ilmenite	282	9	230
Rutile	—	710	644

(a) Information not available.

(b) Years ended August.

IMPORTS OF TITANIUM MINERALS, ETC.*

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Titanium ores	(b) 10,479	(b) 16,445	26,369
FOREIGN COUNTRIES			
Austria—			
Titanium oxide	231	229	287
Czechoslovakia—			
Titanium oxide	(a)	(a)	156
France—			
Titanium oxide	1,088	1,300	1,318
Italy—			
Ferro-titanium	36	49	—
Titanium oxide	1	—	—
Netherlands—			
Titanium oxide	(a)	356	498
U.S.S.R.—			
Ferro-titanium	158	214	(a)
United States—			
Ilmenite	119,922	127,446	153,993
Rutile	189	455	594
Ferro-titanium	2	1	2
Titanium compounds	258	57	8
Japan—			
Titanium oxide	628	1,012	(a)

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

(a) Information not available.

(b) Including zirconium minerals.

TUNGSTEN

 PRODUCTION OF TUNGSTEN ORE AND CONCENTRATES
 (Long tons)

Producing Country.	1935	1936	1937	Estimated WO ₂ Content.		
				1935	1936	1937
BRITISH EMPIRE						
United Kingdom—						
Concentrates ..	219	189	127	151	130	83
Nigeria—						
Concentrates ..	15	6	8	9	4	5
South West Africa—						
Wolfram ..	42	38	28	25	27	19
Scheelite ..	2	2	9	1	1	5
Southern Rhodesia—						
Concentrates ..	24	94	246	16	61	160
Tanganyika Territory—						
Wolfram ..	5	2	2	3	1	1
Uganda—						
Wolfram	—	—	1	—	—	1
Union of South Africa—						
Tungsten ore ..	9	29	34	6	18	25
Burma—						
Concentrates ..	3,837	4,552	4,998	2,494	2,959	3,249
Federated Malay States—						
Wolfram ..	8	3	27	5	2	19
Scheelite ..	1,365	1,364	836	983	982	602
India—						
Concentrates ..	—	—	13	—	—	8
Unfederated Malay States—						
Wolfram ..	274	282	242	178	183	157
Australia—						
Wolfram ..	441	332	726	287	216	472
Scheelite ..	4	12	12	2	8	8
New Zealand—						
Concentrates ..	39	28	24	25	18	16
FOREIGN COUNTRIES						
Norway—						
Wolfram ..	—	—	3	—	—	2
Portugal—						
Concentrates ..	1,048	1,282	1,776	666	812	1,190
Tin-tungsten ores	73	109	90	20	36	33

PRODUCTION OF TUNGSTEN ORE AND CONCENTRATES (Cont.)

Producing Country.	1935	1936	1937	Estimated WO ₃ Content.		
				1935	1936	1937
FOREIGN COUNTRIES (Cont.)						
Sweden—						
Tungsten ore ..	—	66	136	—	36	75
Egypt—						
Concentrates ..	—	—	176	—	—	114
Mexico	49	51	30	32	33	20
United States—						
Concentrates ..	2,138	2,332	3,125	1,283	1,399	1,875
Argentina—						
Concentrates ..	531	645	(a)	370	450	(a)
Bolivia (exports)—						
Concentrates ..	1,344	1,685	1,774	840	1,028	1,064
Brazil (exports)—						
Tungsten ore ..	—	—	7	—	—	4
Chile—						
Concentrates ..	6	4	4	4	2	3
Peru—						
Concentrates ..	53	94	(a)	34	24	(a)
China (exports)—						
Ore	7,267	6,939	16,257	4,360	4,763	9,754
French Indo-China—						
Concentrates ..	377	420	571	246	297	383
Japan—						
Scheelite ..	88	55	(a)	57	36	(a)
Korea—						
Ore	861	1,680	(a)	560	1,092	(a)
Netherlands East Indies—						
Concentrates ..	2	1	—	1	1	—
Siam—						
Concentrates ..	75	75	(a)	49	49	(a)

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

(a) Information not available.

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

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Tungsten ore	128	244	192
Ferro-tungsten	1,287	960	1,060
Tungsten powder, wire, etc. ..	51	89	172
Nigeria—			
Tungsten ore	5	10	8
Southern Rhodesia—			
Tungsten ores	(a)	96	234
South West Africa—			
Tungsten ore	45	40	30
British India—			
Tungsten and tin-tungsten ores ..	7,480	8,427	2,664
British Malaya (including re-exports)—			
Wolfram	286	295	240
Scheelite	1,371	1,365	836
Burma—			
Tungsten ore	(b)	(b)	(b)7,462
Hong Kong (including re-exports)—			
Tungsten ore	2,404	5,279	4,657
Australia—			
Wolfram	373	298	717
New Zealand—			
Scheelite	52	41	37
FOREIGN COUNTRIES			
Belgium-Luxemburg E.U.—			
Tungsten ore	(a)	1,962	1,290
Czechoslovakia—			
Tungsten ore	1	—	—
Finland—			
Ferro-tungsten	417	194	303
Portugal—			
Tungsten ore	1,039	1,301	1,772

(a) Information not available.

(b) Included with India prior to April 1, 1937.

EXPORTS OF TUNGSTEN, ETC. (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Spain—			
Wolfram and wulfenite	244	(a)	(a)
Sweden—			
Ferro-tungsten	797	1,320	1,762
Mexico—			
Tungsten ore (WO_3 content) ..	47	51	—
United States—			
Tungsten and ferro-tungsten ..	445	46	201
Argentina—			
Tungsten ore	530	629	743
Bolivia—			
Tungsten ore (WO_3 content) ..	840	1,028	1,064
Brazil—			
Tungsten ore	—	—	7
Peru—			
Tungsten ore (WO_3 content) ..	42	69	22
China—			
Tungsten ore	7,267	6,939	16,257
French Indo-China—			
Tungsten ore	364	482	490
Korea—			
Tungsten ore	902	901	1,393
Siam (including re-exports)—			
Tungsten ore	84	74	201

(a) Information not available.

IMPORTS OF TUNGSTEN, ETC.

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Tungsten ore	7,865	8,806	8,676
Tungsten powder, wire, etc. ..	3	2	3
Hong Kong (total imports)—			
Tungsten ore	2,293	1,676	3,674
British Malaya (total imports)—			
Wolfram	10	2	—
Scheelite	—	—	1
FOREIGN COUNTRIES			
Austria—			
Ferro-tungsten	228	418	959
Belgium-Luxemburg E.U.—			
Tungsten ore	(a)	1,915	982
Finland (total imports)—			
Tungsten ore	661	176	489
Germany—			
Tungsten ore	7,757	8,588	11,192
Italy—			
Ferro-tungsten	7	6	33
Norway—			
Ferro-tungsten, etc.	19	29	34
Sweden—			
Ferro-tungsten	65	37	92
U.S.S.R.—			
Tungsten ore	1,039	1,499	2,179
Ferro-tungsten	1,878	848	(a)
United States (total imports)—			
Tungsten ore (<i>WO₃ content</i>) ..	916	2,345	3,379
Tungsten and tungsten alloys (<i>WO₃ content</i>)	45	102	76

(a) Information not available.

URANIUM MINERALS

PRODUCTION OF URANIUM MINERALS

(Cwt.)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Canada	(b)	(b)	(b)
FOREIGN COUNTRIES			
Czechoslovakia (U_3O_8)	311	316	270
Portugal (U_3O_8)	23	211	(c)
Belgian Congo	250	(a)	(a)
United States (U_3O_8)	232	189	(a)

Uranium minerals are also produced in U.S.S.R.

(a) Information not available.

(b) The production of radium and uranium salts were :—

	Radium	Uranium salts
	mgrams.	Lb.
1935	85	160,662
1936	15,541	211,857
1937	23,770	546,000

(c) The content of radium in salts was 2,900 mgrams.

EXPORTS OF URANIUM MINERALS, ETC.

(Domestic Produce)

Exporting Country and Description,	Unit	1935	1936	1937
FOREIGN COUNTRIES				
Belgium-Luxemburg E.U.— Uranium oxide	Cwt.	1,898	2,951	1,614
Belgian Congo— Uranium minerals	Cwt.	4,990	—	20,714
Madagascar— Uranium minerals	Cwt.	—	—	394

IMPORTS OF URANIUM MINERALS, ETC.

(Less Re-exports)

Importing Country and Description.	Unit	1935	1936	1937
BRITISH EMPIRE				
United Kingdom—				
Uranium minerals ..	Cwt.	<i>(9 lb.)</i>	<i>(b) 1</i>	—
Radium compounds ..	Grains	188	69	20
Canada—				
Radium	£	30,600	21,925	1,296
New Zealand—				
Radium	£ N.Z.	111	—	<i>(a)</i>
FOREIGN COUNTRIES				
Belgium-Luxemburg E.U.—				
Uranium oxide	Cwt.	2	4	8
France—				
Uranium oxide	Cwt.	41	49	37
Other uranium salts ..	do.	12	8	2
Radium and radium products	Lb.	205	57	20
Norway—				
Radium	£	—	5,325	—
Egypt—				
Radium	£	9,257	6,984	—
United States—				
Uranium ore	Cwt.	24	—	—
Uranium oxide and salts ..	do.	2,646	3,045	1,817
Radium salts	£	107,200	140,900	76,400
Turkey—				
Uranium ore	Cwt.	1,025	—	—

(a) Information not available.*(b)* Excess of re-exports.

VANADIUM

PRODUCTION OF VANADIUM ORES

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Northern Rhodesia (<i>V content</i>)	170	201	232
South West Africa	1,570	4,864	5,264
FOREIGN COUNTRIES			
Mexico (<i>V content</i>)	—	—	44
United States (<i>V content</i>)	(a)	62	489
Peru (<i>V content</i>)	—	(b) 283	(b) 1,024

(a) Information not available.

(b) Exports; part is exported from stocks.

EXPORTS OF VANADIUM

(*Domestic Produce*)

(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
Northern Rhodesia—			
Concentrates	997	1,399	1,260
Oxide	116	192	286
South West Africa—			
Concentrates	3,489	5,262	5,096
FOREIGN COUNTRIES			
France—			
Oxide	8	2	—
Mexico (<i>V content of Ore</i>)	—	—	44
Peru—			
Concentrates	(b) 654	1,624	6,520

(b) Exported from stocks.

IMPORTS OF VANADIUM

*(Less Re-exports)**(Long tons)*

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES			
France—			
Oxide	15	6	39
Italy—			
Ferro-vanadium	24	17	14
Norway—			
Ferro-vanadium, etc.	19	29	34
U.S.S.R.—			
Ferro-vanadium	290	128	(a)
United States—			
Ore	425	1,667	6,610
Turkey—			
Vanadium	1	—	—

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.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom	1,164	4,249	7,588
Northern Rhodesia	26,902	26,155	18,844
Canada (shipments) (b)	147,772	159,640	183,293
Newfoundland	71,151	63,354	63,137
Burma	58,200	61,300	58,600
Australia	148,492	172,414	203,456
Total ..	454,000	487,000	535,000
FOREIGN COUNTRIES			
Austria	2,591	3,197	3,000
Bulgaria	280	—	—
Belgium (c)	500	2,000	3,000
Czechoslovakia	1,549	1,342	4,270
Finland	1,008	1,081	868
France	—	—	891
Germany	138,696	154,038	180,000
Greece	982	3,432	(a)
Italy (estimated)	53,000	62,000	70,000
Norway	6,597	7,583	8,658
Poland	53,000	58,000	68,000
Portugal	—	4	9
Roumania	4,002	4,147	4,490
Spain (estimated)	33,000	30,000	20,000
Sweden	31,184	33,747	35,433
U.S.S.R. (smelter)	45,000	65,000	(e) 70,000

(a) Information not available.

(b) The amount estimated as recoverable was—

1935 .. 143,147 long tons.

1936 .. 148,742 "

1937 .. 165,329 "

(c) *Metallgesellschaft* estimate.

(e) Estimated.

PRODUCTION OF ZINC ORE (Cont.)

Producing Country.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Yugoslavia	60,000	52,000	48,000
Algeria	3,174	2,827	8,229
Belgian Congo	—	377	3,009
French Equatorial Africa	—	—	865
French Morocco	—	422	4,920
Tunis	200	1,000	1,180
Mexico	133,775	147,878	152,183
United States	462,413	513,905	559,229
Argentina	—	2,916	(a)
Bolivia (exports)	7,663	13,340	11,347
Peru	10,918	11,061	15,745
China (estimated)	4,000	4,500	4,000
French Indo-China	4,966	5,139	4,882
Japan (b)	20,000	18,000	20,000
Korea (ore)	2,183	5,483	(a)
Turkey	7,200	10,200	10,500
Total	1,090,000	1,210,000	1,320,000
WORLD'S TOTAL	1,540,000	1,700,000	1,860,000

(a) Information not available.

(b) Metallgesellschaft estimate.

METAL PRODUCTION OF ZINC
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom (b)	63,000	65,000	62,000
Northern Rhodesia	20,680	20,730	14,031
Canada	133,503	134,913	141,555
Australia	67,666	70,509	69,750
Total ..	285,000	291,000	287,000
FOREIGN COUNTRIES			
Belgium	178,870	198,504	222,016
Czechoslovakia	9,511	7,598	7,104
France	46,694	53,000	60,000
Germany	121,252	131,647	160,000
Italy	26,398	26,598	37,382
Netherlands	13,530	15,184	24,256
Norway	44,308	44,317	40,624
Poland	83,270	91,118	105,481
Spain	8,775	(e) 7,700	(e) 5,200
U.S.S.R.	45,000	65,000	(e) 70,000
Yugoslavia	(d) 3,302	3,542	4,933
Mexico	31,632	31,702	33,558
United States (c)	375,566	439,404	497,236
French Indo-China	3,842	4,047	4,139
Japan	33,651	38,449	45,000
Total ..	1,030,000	1,160,000	1,320,000
WORLD'S TOTAL ..	1,310,000	1,450,000	1,610,000

(b) Includes some secondary.

(c) The production by grades (including redistilled secondary) was as follows (long tons) :—

	1935	1936	1937
A—High grade	138,854	164,144	175,046
B—Intermediate grade..	43,855	53,463	59,939
C & D—Select and brass special	44,562	58,686	65,172
E—Prime western	173,876	200,797	243,108

(d) Including zinc dust.

(e) Estimated.

PRODUCTION OF ELECTROLYTIC ZINC
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Northern Rhodesia	20,680	20,730	10,285
Canada	133,503	134,913	141,555
Australia (Tasmania)	67,666	70,509	69,750
FOREIGN COUNTRIES			
Belgium	1,845	6,269	7,739
France	22,000	22,000	27,200
Germany	37,705	37,712	39,733
Italy	17,600	20,000	30,000
Norway	44,308	44,317	40,624
Poland	20,000	18,000	19,000
United States	105,782	113,549	104,921
Japan (estimated)	8,000	12,000	12,000

PRODUCTION OF ZINC DUST
(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE			
Canada (estimated)	100	100	100
FOREIGN COUNTRIES			
Belgium	7,628	6,594	8,436
Germany	6,693	7,479	9,252
Poland	4,795	3,740	6,308
Yugoslavia	(a)	594	(a)
United States	11,119	12,879	13,609
Japan	2,400	3,400	(a)

(a) Information not available.

PRODUCTION OF ZINC SHEETS

(Long tons)

Producing Country.	1935	1936	1937
BRITISH EMPIRE.			
United Kingdom	15,200	23,000	21,500
FOREIGN COUNTRIES.			
Austria	2,087	2,018	1,929
Belgium	74,298	62,546	62,000
Czechoslovakia	3,465	3,919	4,049
France	47,000	52,000	45,000
Germany	65,975	71,762	67,611
Hungary	1,792	1,936	2,056
Poland	14,170	17,501	17,233
Spain	3,527	2,400	1,800
Yugoslavia	600	750	800
United States	50,483	49,057	51,871

EXPORTS OF ZINC
(Domestic Produce)
(Long tons)

Exporting Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore	3,228	9,960	23,028
Spelter	6,530	3,177	4,914
Sheets, plates, etc.	1,609	2,724	1,696
Oxide	13,374	13,655	14,990
Lithopone	6,590	6,569	7,877
Northern Rhodesia—			
Ingots	17,596	19,919	17,179
Southern Rhodesia—			
Bars, sheets, wire, etc.	6	12	10
Union of South Africa—			
Bars, sheets, etc.	39	—	15
Canada—			
Ore (<i>Zn content</i>)	8,750	17,470	29,328
Spelter	120,946	125,189	119,812
Dross, scrap and ashes	2,798	2,235	2,854
Newfoundland—			
Concentrates	129,464	115,195	107,564
British India—			
Spelter, etc.	76,599	88,845	23,886
British Malaya (including re-exports)—			
Sheets	131	240	116
Burma—			
Spelter	(b)	(b)	(b)59,312
Hong Kong (including re-exports)—			
Sheets	2,248	2,201	1,739
Australia—			
Ores and concentrates (<i>Zn content</i>)	70,329	86,157	86,295
Dust (<i>£ Australian</i>)	(£108)	—	(£112)
Bars, rods, sheets, etc.	37,797	44,557	39,962
FOREIGN COUNTRIES			
Austria—			
Ore	5,087	5,933	5,210
Spelter, scrap and alloys	761	804	760
Sheets, bars, etc.	137	107	60
Zinc-white and zinc-grey	122	22	27
Lithopone, etc.	43	67	5

(b) Included with India prior to April 1, 1937.

EXPORTS OF ZINC (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Belgium-Luxemburg E.U.—			
Ore	35,658	57,290	68,681
Spelter and scrap	97,353	94,809	150,257
Sheets and wire	48,213	44,752	45,949
Dust	6,018	5,795	6,458
Oxide	5,956	5,039	5,276
Lithopone	12,809	15,835	17,087
Czechoslovakia—			
Ore	10,460	841	966
Spelter, scrap and alloys	1,218	805	5,194
Sheets and plates	379	264	217
Zinc-white and zinc-grey	405	347	266
Lithopone	281	605	621
Denmark—			
Spelter, sheets and scrap	314	449	273
Estonia—			
Spelter, dust and scrap	52	35	43
France—			
Ore	30,654	25,761	53,861
Spelter, bars and scrap	1,250	106	337
Sheets	1,488	1,293	1,352
Oxide	2,174	2,659	2,247
Lithopone, etc.	427	399	406
Germany—			
Ore	27,339	18,456	44,183
Spelter, dust, scrap and alloys	1,479	240	168
Sheets and wire	6,058	7,948	5,681
Zinc-white and zinc-grey	17,486	13,576	11,592
Lithopone	15,363	18,001	25,224
Hungary—			
Spelter and scrap	10	—	—
Sheets	116	124	70
Italy—			
Ore	49,517	51,838	73,750
Ashes	68	—	—
Spelter, scrap and alloys	1	4	399
Sheets, wire and alloys, etc.	10	62	154
Oxide	355	37	45
Lithopone	308	256	2,093
Latvia—			
Spelter and scrap	42	63	—
Zinc-white	12	9	5
Lithuania—			
Spelter	25	49	62

EXPORTS OF ZINC (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Ore	3,807	7,191	450
Spelter and scrap	16,464	15,935	24,930
Sheets	2,079	2,131	2,568
Oxide	55	47	95
Norway—			
Ore	10,831	16,980	16,960
Spelter	41,482	42,539	36,626
Bars, sheets, wire, etc.	37	—	2
Ashes and scrap	1,012	488	968
Poland—			
Ores and slag	—	2	—
Spelter, dust and scrap	58,426	64,259	73,562
Sheets, tubes and wire	6,354	7,690	5,829
Zinc-white and lithopone	5,806	6,363	8,160
Roumania—			
Ore	5,145	5,832	14,986
Spain—			
Blende	58,186	(a)	(a)
Spelter and scrap	2,668	(a)	(a)
Plates, nails and wire	102	(a)	(a)
Sweden—			
Ore	58,992	66,903	70,151
Spelter and scrap	1,681	1,874	1,973
Zinc-white	6	11	1
Switzerland—			
Spelter and scrap	2,854	2,731	3,517
Zinc-white, etc.	2	1	1
U.S.S.R.—			
Lithopone	44	—	(a)
Yugoslavia—			
Ore	88,655	76,728	63,978
Spelter, scrap and dust	1,520	672	1,945
Plates and sheets	—	8	1
Zinc-white	1	60	5
Lithopone	4	5	5
Algeria—			
Ore	3,592	8,656	17,389
Spelter, plates and scrap	375	256	478
Oxide	4	—	1
Belgian Congo—			
Ore	—	1 826	2,561

(a) Information not available.

EXPORTS OF ZINC (Cont.)

Exporting Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Egypt—			
Spelter and scrap	89	30	90
French Equatorial Africa—			
Ore	—	—	1,488
Morocco (French)—			
Ore	—	761	7,619
Scrap	26	77	107
Tunis (including re-exports)—			
Ore	—	2,264	3,927
Mexico—			
Ores and concentrates (<i>Zn content</i>)	93,763	110,842	111,595
Spelter	23,157	25,928	36,820
United States—			
Ore and dross (<i>Zn content</i>) ..	411	219	281
Spelter	1,444	33	223
Dust	1,441	1,601	1,915
Sheets, strips, etc.	4,297	4,003	5,189
Oxide	1,018	1,188	2,637
Lithopone	2,117	2,266	2,385
Argentina—			
Ore	—	5,158	6,152
Slag and ash	1,484	1,962	1,683
Spelter, bars and sheets	37	3	3
Bolivia—			
Ores (<i>Zn content</i>)	7,663	13,340	11,347
Colombia—			
Ore	—	—	56
Peru—			
Ores, etc. (<i>Zn content</i>)	5,180	25,632	15,747
China—			
Ore	22,392	10,405	1,624
Spelter	1	—	56
French Indo-China—			
Ore	—	1,499	295
Spelter and scrap	4,560	6,021	3,771
Sheets	3	6	—
Japan—			
Oxide	2,373	1,425	502
Lithopone	(a)	(a)	607
Korea—			
Ore	2,088	6,465	5,838
Turkey—			
Ore	12,068	16,856	24,604
Spelter, scrap and alloys	335	479	69

(a) Information not available.

IMPORTS OF ZINC

(Less Re-exports)

(Long tons)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE			
United Kingdom—			
Ore and ashes	152,031	129,442	150,138
Spelter	140,769	170,545	173,383
Sheets, plates, etc.	12,039	9,449	8,966
Oxide	807	764	927
Lithopone	10,366	14,701	15,640
Eire—			
Sheets and plates	329	604	618
Kenya and Uganda—			
Bars, plates and sheets	4	10	19
Southern Rhodesia—			
Sheets, dust, etc.	600	684	579
South West Africa—			
Spelter	5	5	3
Union of South Africa—			
Spelter	1,783	3,033	3,033
Sheets	1,958	1,945	2,339
Dust and shavings	622	693	933
Canada—			
Spelter	51	—	1
Dust	736	723	669
Sheets, plates, bars etc.	2,499	2,567	3,152
Zinc-white	5,254	5,911	6,465
Lithopone	7,760	8,419	9,894
British India—			
Spelter	22,742	21,232	24,123
Sheets, etc.	1,679	1,491	1,158
Zinc-white	2,190	1,575	1,365
Lithopone	1,310	1,346	2,060
British Malaya (total imports)—			
Sheets	280	441	466
Burma—			
Spelter	(b)	(b)	(b)306
Zinc-white	(b)	(b)	(b)112
Ceylon—			
Sheets and plates	47	43	55

(b) Included with India prior to April 1, 1937.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
BRITISH EMPIRE (Cont.)			
Hong Kong (total imports)—			
Sheets	1,253	1,449	3,285
Palestine—			
Spelter and sheets	552	378	229
Australia—			
Dust	(£321)	(£327)	(£881)
Blocks, sheets, scrap, etc. ..	1,218	992	1,529
Oxides	128	337	603
Lithopone	1,696	1,933	2,785
New Zealand—			
Spelter, bars and sheets	325	331	(a)
FOREIGN COUNTRIES			
Austria—			
Ore	340	—	—
Spelter, scrap and alloys	6,944	6,403	8,765
Sheets, bars, etc.	213	35	142
Zinc-white and zinc-grey	397	299	255
Lithopone, etc.	959	981	994
Belgium-Luxemburg E.U.—			
Ore	414,147	567,118	608,885
Spelter and scrap	10,915	12,225	26,915
Sheets and wire	62	28	56
Dust	87	63	173
Oxide	1,600	904	1,330
Lithopone	253	396	880
Bulgaria—			
Spelter, bars, sheets and scrap ..	989	1,035	1,198
Zinc-white	117	51	79
Lithopone	155	134	281
Czechoslovakia—			
Ore	13,073	13,016	17,989
Spelter, scrap and alloys	10,220	11,534	14,984
Sheets and plates	110	226	172
Zinc-white, zinc-grey, etc.	91	130	93
Denmark—			
Spelter and scrap	5,502	5,107	3,370
Plates and sheets	4,035	4,565	3,216
Zinc-white	1,958	1,776	1,646
Lithopone	1,792	1,836	1,774

(a) Information not available.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Estonia—			
Spelter, plates, dust and scrap ..	126	123	173
Zinc-white	264	310	304
Lithopone	35	79	146
Finland (total imports)—			
Spelter, sheets and scrap ..	1,204	1,797	1,890
Zinc-white	1,641	1,535	1,672
Lithopone, etc.	422	443	953
France—			
Ore	122,581	192,841	154,546
Spelter, bars and scrap	41,731	35,849	34,083
Sheets	2,002	1,831	1,548
Oxide	424	346	431
Lithopone	72	66	1,038
Germany—			
Ores	115,388	118,736	(b) 143,952
Spelter, dust, scrap and alloys ..	74,833	71,670	69,600
Sheets and wire	7,159	5,049	5,420
Zinc-white and zinc-grey	103	248	252
Lithopone	1,939	3,004	2,648
Greece—			
Spelter, etc.	688	984	911
Hungary—			
Spelter and scrap	4,943	5,070	6,198
Sheets	8	7	9
Zinc-white and zinc-grey	1	2	3
Lithopone	54	70	42
Iceland—			
Zinc-white	19	(a)	(a)
Italy—			
Ore and ashes	966	503	150
Spelter, scrap and alloyed	11,018	3,272	450
Sheets, wire, etc., and alloyed ..	804	203	469
Oxide	1,280	473	1,112
Lithopone	1,145	118	260
Latvia—			
Spelter, sheets and scrap	548	647	984
Zinc-white	1	—	1
Lithopone	33	16	28
Lithuania—			
Spelter, etc.	446	892	625
Zinc-white	200	274	229
Lithopone	72	85	113

(a) Information not available.

(b) Includes 46,769 tons of tailings from Poland.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Netherlands—			
Ore	35,039	42,783	50,342
Spelter and scrap	9,804	9,668	7,276
Sheets	4,965	4,486	4,101
Zinc-white	2,844	2,185	2,223
Lithopone	1,996	1,151	1,888
Oxide	7,919	1,492	6,005
Norway—			
Ore	88,266	91,133	75,347
Ashes and scrap	94	69	78
Spelter	686	821	1,372
Bars and sheets	1,885	1,948	1,924
Zinc-white	1,229	1,478	1,405
Lithopone	141	206	265
Poland—			
Ores and slag	63,015	71,810	113,756
Spelter, dust and scrap	156	64	134
Sheets, etc.	25	22	30
Zinc-white and lithopone	150	95	130
Portugal—			
Sheets, etc.	502	647	683
Oxide	385	441	(a)
Lithopone	612	890	(a)
Roumania—			
Spelter and scrap	4,087	4,736	5,323
Sheets, plates and wire	814	996	1,007
Zinc-white and zinc-grey	143	174	308
Lithopone	523	489	607
Spain—			
Spelter and scrap	2,494	(a)	(a)
Plates, nails and wire	144	(a)	(a)
Sweden—			
Ore	300	—	—
Spelter and scrap	13,095	13,041	15,801
Sheets	2,207	2,070	2,262
Zinc-white	7,089	6,834	7,196
Lithopone	3,029	3,657	4,833
Switzerland—			
Spelter and scrap	7,205	5,219	10,276
Dust	612	359	991
Bars, sheets, pipes and wire	1,192	1,134	988
Zinc-white, lithopone, etc.	4,709	4,582	4,822

(a) Information not available.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
U.S.S.R.—			
Spelter, etc.	1,451	85	2,893
Yugoslavia—			
Ore	1,172	676	457
Spelter and scrap	191	165	29
Bars, sheets, wire, etc.	6	45	48
Zinc-white, lithopone, etc.	119	127	288
Algeria—			
Ore	40	1,068	366
Spelter, sheets and scrap	680	731	694
Oxide	468	777	565
Lithopone, etc.	—	215	214
Angola—			
Bars, sheets and tubes	23	16	(a)
Belgian Congo—			
Spelter, etc.	2	2	4
Egypt—			
Spelter, sheets and scrap	718	998	917
Zinc-white	1,355	535	614
Madagascar—			
Spelter, bars and sheets	77	74	49
Morocco (French)—			
Spelter, sheets and wire	170	189	135
Oxide	30	23	30
Lithopone	392	465	401
Morocco (Spanish)—			
Spelter and sheets	(a)	27	11
Lithopone	(a)	8	—
Mozambique—			
Spelter, bars and sheets	62	101	154
Tunis—			
Sheets	190	266	191
Oxide	63	179	70
Cuba (total imports)—			
Sheets	57	76	(a)
Mexico—			
Spelter, sheets and scrap	1,197	997	1,335
United States—			
Ore (Zn content)	10,054	1,762	3,122
Spelter and scrap	3,994	10,425	34,211
Sheets	100	216	207
Dust	36	51	61
Oxide	1,778	705	692
Lithopone	4,110	4,269	5,001

(a) Information not available.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
Argentina—			
Spelter and bars	5,836	5,354	8,623
Sheets and plates	2,735	2,630	2,943
Zinc-white	2,382	2,005	2,717
Lithopone	1,970	1,944	3,183
Brazil (total imports)—			
Bars, sheets and plates	1,954	2,409	2,151
Zinc-white	4,060	3,946	3,225
Chile—			
Spelter	584	831	1,050
Bars, sheets, etc.	184	369	283
Zinc-white, etc.	717	971	1,024
Colombia—			
Spelter, sheets, alloys, etc.	162	109	173
Zinc-white	(a)	498	430
Peru—			
Spelter, bars, sheets, etc.	90	132	110
Uruguay—			
Spelter	198	684	(a)
Sheets	118	284	(a)
Venezuela—			
Spelter	340	400	(a)
Oxide	171	180	(a)
China—			
Spelter and dust	2,007	3,710	3,706
Sheets and plates	2,528	3,486	5,765
Zinc-white	1,301	1,589	1,754
French Indo-China—			
Spelter	11	8	34
Sheets	1,455	1,434	1,573
Oxide	145	215	190
Lithopone	41	49	90
Iran (total imports) (b)—			
Spelter, sheets and wire	(a)	(a)	74
Iraq—			
Spelter, sheets, etc.	10	15	23
Japan (total imports)—			
Ore	40,642	47,340	(a)
Spelter	32,246	41,367	(a)
Sheets and plates	4,992	4,457	(a)

(a) Information not available.

(b) Years ended June 21.

IMPORTS OF ZINC (Cont.)

Importing Country and Description.	1935	1936	1937
FOREIGN COUNTRIES (Cont.)			
"Manchoukuo"—			
Zinc-white	608	601	487
Netherlands East Indies—			
Spelter, sheets, wire, alloys, etc...	565	697	1,218
Zinc-white	1,503	1,582	2,461
Philippine Islands—			
Spelter, bars and sheets	151	157	186
Oxide	546	850	1,008
Siam (total imports)—			
Spelter	319	689	622
Syria and Lebanon—			
Spelter	10	7	10
Sheets	134	223	131
Turkey—			
Spelter, scrap and alloyed ..	1,320	512	341
Bars, tubes, wire and alloyed ..	1,486	1,702	1,245

MISCELLANEOUS MINERALS.

These minerals are not separately recorded in the statistical returns of several countries.

Country and Description.	Unit	1935	1936	1937
BROMINE.				
PRODUCTION—				
Palestine	Lb.	912,000	1,088,600	1,137,404
France (State mines only) ..	do.	937,000	961,000	1,281,000
Germany	do.	3,468,000	3,878,000	(a)
Italy	do.	88,000	97,000	183,000
United States	do.	16,428,533	20,609,025	26,200,256
IMPORTS—				
United Kingdom—				
Bromine	do.	1,222,600	934,800	1,237,500
Bromides	do.	442,300	420,600	291,100
Ethyl bromide	do.	7	—	—
Union of South Africa—				
Bromine	do.	69	95	104
Australia (years ended June 30)—				
Bromine and bromides ..	do.	160,187	186,348	127,729
Canada—				
Bromine	do.	766	845	1,029
Bromides	do.	83	—	360
Belgium-Luxemburg E.U.—				
Bromine	do.	1,300	1,500	33,100
Czechoslovakia—				
Bromine	do.	(a)	3,700	7,100
Estonia—				
Bromine	do.	49	284	15
Bromide of soda	do.	2,061	2,641	2,670
Bromide of potash	do.	1,065	946	1,135
Bromide of ammonium	do.	212	417	697
France—				
Bromides	do.	4,000	5,300	1,800
Ethyl bromide	do.	1,500	13,700	18,300
Germany—				
Bromides	do.	4,000	700	—
Italy—				
Bromine	do.	157	170	128
Bromides	do.	8,344	5,986	5,009
Ethyl bromide	do.	116,600	352,100	396,000
Latvia—				
Bromine	do.	60	273	11
Bromide of soda	do.	7,399	5,005	4,453
Bromide of potash	do.	5,926	5,968	5,840
Bromide of ammonium	do.	401	522	401

(a) Information not available.

MISCELLANEOUS MINERALS (Cont.)

Country and Description.	Unit	1935	1936	1937
BROMINE (Cont.)				
IMPORTS (cont.)				
Norway—				
Bromine	Lb.	101	77	256
Poland—				
Bromine	do.	12,800	63,300	28,200
Bromides of soda and potash	do.	50,900	67,000	61,700
Portugal—				
Bromine	do.	351	95	(a)
Bromide of soda	do.	24,061	1,552	(a)
Bromide of potash	do.	5,774	3,053	(a)
Bromide of ammonium	do.	474	573	(a)
Roumania—				
Bromides	do.	20,900	33,700	25,100
U.S.S.R.—				
Bromide of soda	do.	110,200	1,104,500	(c)
Bromide of ammonium	do.	2,200	—	1,164,000
Other bromides	do.	1,100	—	
Yugoslavia—				
Bromine and bromides	do.	8,142	11,230	6,208
United States—				
Bromine	do.	22	27	25
Bromide of soda	do.	2,000	34,132	—
Bromide of potash	do.	8,910	36,897	4,409
Bromide of ammonium	do.	—	2,202	1,102
Ethyl dibromide	do.	477,005	1,253,971	983,075
Other bromides	do.	5,310	31,230	14,761
Argentina—				
Bromine and bromides	do.	11,169	3,267	5,287
Chile—				
Bromine	do.	342	386	507
Bromide of ammonia	do.	825	774	908
Bromide of strontium	do.	117	216	71
Peru—				
Bromine	do.	234	190	108
French Indo-China—				
Bromides	do.	34,600	10,100	23,100
Turkey—				
Bromine	do.	796	256	265
Bromides	do.	1,177	190	531
EXPORTS—				
United Kingdom—				
Bromine	do.	6,500	8,200	(b)
Bromide of iron	do.	5,900	3,100	(b)
Ethyl bromide	do.	176	3	1,048
Other bromides	do.	396,700	383,900	384,384

(a) Information not available.

(b) Included with "other bromides."

(c) Bromine content of bromides.

MISCELLANEOUS MINERALS (Cont.)

Country and Description.	Unit	1935	1936	1937
BROMINE (Cont.)				
EXPORTS (cont.)				
Palestine—				
Bromine	Lb.	888,500	1,053,800	1,347,000
France—				
Bromine	do.	430,600	602,500	655,200
Bromides	do.	674,800	1,187,200	1,150,800
Germany—				
Bromine	do.	368,200	82,900	25,800
Bromides	do.	542,600	1,059,800	473,800
Italy—				
Bromine	do.	—	—	15,831
Bromides	do.	75	—	44
Ethyl bromide	do.	—	7,100	200
Poland—				
Bromides of soda and potash	do.	200	—	—
U.S.S.R.—				
Bromide of soda	do.	—	2,200	(a)
Bromide of potash	do.	22,000	11,000	(a)
Other bromides	do.	2,200	—	(a)
SELENIUM.				
PRODUCTION—				
Northern Rhodesia	Lb.	—	—	1,466
Canada	do.	366,425	350,857	397,227
Mexico	do.	—	—	617
United States	do.	232,831	352,480	435,821
IMPORTS—				
United Kingdom	do.	(a)	83,734	46,797
United States	do.	179,331	122,806	92,523
TANTALITE AND COLUMBITE.				
PRODUCTION—				
Nigeria—				
Columbite	Lb.	150,000	759,000	1,606,000
Southern Rhodesia—				
Tantalite	do.	—	—	1,600
South West Africa—				
Tantalite	do.	13,660	6,720	6,384

(a) Information not available.

MISCELLANEOUS MINERALS (Cont.)

Country and Description.	Unit	1935	1936	1937
TANTALITE AND COLUMBITE (Cont.)				
PRODUCTION (cont.)				
Uganda—				
Tantalite	Lb.	—	54,000	60,000
Union of South Africa—				
Tantalite and columbite ..	do.	15,026	13,612	1,604
India—				
Tantalite	do.	—	2,016	1,254
Australia—				
Tantalite	do.	17,900	31,400	43,700
Belgian Congo—				
Tantalite and columbite ..	do.	—	72,700	264,600
United States—				
Tantalite and columbite ..	do.	11,681	(a)	16,307
IMPORTS—				
United States—				
Tantalite and columbite ..	do.	1,190,398	1,017,558	943,437
EXPORTS—				
United Kingdom—				
Tantalum	do.	122	420	1,528
Nigeria—				
Columbite	do.	903,000	1,019,200	1,606,100
South West Africa—				
Tantalite	do.	13,660	6,720	6,384
Uganda—				
Tantalite	do.	—	41,431	61,165
British India—				
Tantalite	do.	2,240	2,240	2,240
Australia—				
Tantalite	do.	17,900	31,400	35,800
TELLURIUM.				
PRODUCTION—				
Canada	Lb.	16,425	35,591	41,490
United States	do.	22,610	57,956	51,409
ZIRCONIUM MINERALS.				
PRODUCTION—				
India	Ton	6,654	2,210	1,329
Australia—				
Zircon	do.	1,823	2,851	5,251
Zircon-rutile-ilmenite ore ..	do.	300	43	—

(a) Information not available.

MISCELLANEOUS MINERALS (Cont.)

Country and Description.	Unit	1935	1936	1937
ZIRCONIUM MINERALS (Cont.)				
PRODUCTION (cont.)				
French West Africa	Ton	2	—	—
Madagascar	do.	13	18	—
Brazil (exports)	do.	1,752	2,239	2,317
IMPORTS—				
United Kingdom	do.	(a)	(a)	24
United States	do.	2,570	5,163	7,977
EXPORTS—				
India (Travancore) (b)	do.	292	2,917	970
Australia	do.	579	3,496	6,670
French West Africa (Zircon)	do.	2	—	—
Madagascar (Zircon)	do.	12	19	—
Brazil	do.	1,752	2,239	2,317

(a) Information not available.

(b) Years ended August.

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