

LEAGUE OF NATIONS.

O.G./Confidential/18(a)(2).

Geneva, May 15th, 1939.

ADVISORY COMMITTEE ON TRAFFIC IN OPIUM AND OTHER DANGEROUS DRUGS.
PREPARATORY WORK FOR A CONFERENCE TO CONSIDER THE POSSIBILITY OF LIMITING AND CONTROLLING THE
CULTIVATION OF THE OPIUM POPPY AND THE PRODUCTION OF RAW OPIUM.

RAW OPIUM STATISTICS CONCERNING WORLD PRODUCTION, USE, STOCKS, EXPORTS OF
PRODUCING COUNTRIES AND SEIZURES.

TABLE II

QUANTITIES OF RAW OPIUM USED FOR ALL PURPOSES.

Note by the Director of the Opium Traffic Section.

With reference to the covering note to Document O.G./Confidential/18 (3), the Director has the honour to communicate herewith to the Advisory Committee Table II showing the quantities of raw opium used (1) for the manufacture of narcotic drugs, (2) for the manufacture of prepared opium, (3) for the preparation of medicinal opium, tinctures, extracts, etc., and (4) for other purposes.

TABLE II.

- 1) Quantities of raw opium used for
 - A. Manufacture of narcotic drugs.
 - B. Manufacture of prepared opium.
 - C. Consumption in the form of medicinal opium, tinctures, extracts, etc.
 - D. Consumption for other purposes.
- 2) Synoptic table.

Explanatory note.

The data included in this table have been taken from the following sources:

- I) As regards Tables A and B: (i) for the period 1926 to 1928: annual reports.
(ii) for the period 1929 to 1937: statistics of the Permanent Central Board.
- II) As regards Table C: statistics of the Permanent Central Board.
- III) As regards Table D: annual reports.

Any departures from the above rules are explained in additional notes.

A - QUANTITIES OF RAW OPIUM USED FOR THE MANUFACTURE OF NARCOTIC DRUGS.
(in kilogrammes)

Manufacturing countries	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Germany	189 405(f)	117 120(f)	174 948(f)	220 000	96 000	46 200	62 880	50 800	54 022	51 964	52 000(1)	38 100(1)
Belgium	-	-	-	-	-	23	78	3 850	8 904	10 180	11 459	15 554
Bulgaria	-	-	-	-	-	N.R.	730	469	262	86	5	4
Denmark	-	-	-	-	-	-	-	-	6	-	-	-
Spain	-	-	-	-	-	-	-	-	-	75	N.R.	-
Finland	-	-	-	-	-	-	-	23	36	24	37	43
France	39 000(g)	40 000(g)	72 780(g)	121 419	124 950	79 528	25 239	37 461	29 115	33 004	40 512	38 982
Hungary	-	-	-	-	396	-	-	45(j)	254(j)	151(j)	132(j)	130(j)
Italy	481	331	415	548	196	2 004	2 802	3 779	5 718	5 248	11 414	N.R.
Norway	-	-	-	53	75	136	130	135	123	160	50	105
Netherlands	-	-	-	-	-	257	832	4 026	4 196	4 872	7 388	11 684
Poland	-	-	-	-	-	-	3 900	664	3 536	2 851(k)	300(k)	-(k)
United Kingdom(a)	49 682	40 507	38 828	35 773	14 208	4 757	9 056	14 425	13 024	15 243	12 405	13 755
Sweden	-	-	-	-	-	164	505	1 041	1 408	1 997	1 411	1 414
Switzerland	112 519	69 258	28 997	37 000	15 743	35 742	7 195	11 951	6 229	14 361	11 441	11 477(m)
Czecho-Slovakia	-	-	-	70	30	2 730	3 737	3 906	4 910	5 025	6 920	9 633
U.S.S.R.	?	?	28 190(i)	24 450(i)	41 330(i)	19 000	37 000	8 916	30 392	41 076	73 215	75 150
Yugoslavia	-	-	-	-	-	45	800	6 667	2 474	3 500	2 647	3 909
United States of America	46 124(g)	53 408(h)	56 746(h)	68 472	43 396	62 609	52 561	53 787	53 706	40 341	59 913	80 084
India (b)	4 772	360	-	-	-	-	-	3 360	5 168	4 100	4 120	3 902
Japan (c)	17 400	14 689	18 585	11 830	9 468	8 750	11 286	22 330	21 360	20 680	26 670	39 376
Chosen(Korea) (d)	775	798	14	-	1 319	62	-	-	-	-	-	-
Formosa (e)	-	-	-	-	-	-	-	-	-	-	-	-
Kwantung	-	-	-	-	-	-	750	382	400	420	322	314
Totals	460 158	336 471	419 503	519 615	347 111	262 007	219 481	228 017	245 243	255 358	322 361	343 616(n)

[a] In addition, the following quantities of raw morphine imported from British India were used for the manufacture of morphine:
1928: 273 kg. 1932: 255 kg. 1933: 356 kg. 1934: 207 kg. 1935: 546 kg. 1936: 542 kg. 1937: 455 kg.

(Footnotes continued on following page)

(Footnotes continued from page 2).

- (b) In its annual reports for 1928 and 1929 the Government of India states that the raw material used for the manufacture of narcotic drugs was either smuggled opium or waste which otherwise would have been destroyed.
- It should also be noted that, according to the statistics supplied to the Permanent Central Board, 347 kg. 442 kg., 272 kg., 544 kg., 453 kg. and 449 kg. of raw morphine were manufactured in 1932, 1933, 1934, 1935, 1936 and 1937 respectively; according to the annual reports 24 kg., 6 kg. and 42 kg. of codeine were manufactured in 1930, 1931 and 1933 respectively.
- (c) In addition, Japan used raw morphine for the manufacture of morphine. For this purpose the following quantities were imported from Formosa: 1927: 771 kg. 1928: 1350 kg. 1929: 1044 kg. 1930: 741 kg. 1931: 132 kg. 1932: 519 kg. 1933: 707 kg. 1934: 549 kg. 1935: 795 kg. 1936: 379 kg. 1937: 778 kg. Since 1929 such imports have been indicated in terms of morphine base
- (d) During the period 1932 to 1935 morphine was manufactured in Korea from raw morphine imported from Formosa as follows: 1933: 830 kg. 1934: 550 kg.
- (e) The Government of Formosa states that, expressed in terms of pure morphine, the quantities of raw morphine manufactured were as follows: 1930: 672 kg. 1931: 595 kg. 1932: 432 kg. 1933: 519 kg. 1934: 574 kg. 1935: 365 kg. 1936: 316 kg. 1937: 262 kg. It should be noted that the raw morphine manufactured at Formosa is obtained as a by-product from the manufacture of prepared opium.
- (f) Estimated figures based upon the quantities of morphine manufactured.
- (g) Estimated figures.
- (h) Approximate figures.
- (i) Secretariat computation based on the assumption that the opium used for the manufacture of narcotic drugs contained 10% of morphine (see document C.587.M.228.1930.XI. Conf. L.F.S.3(1) Part 2, page 18).
- (j) The following quantities of dried poppy straw were also used for the manufacture of morphine: 1933: 260 000 kg. 1934: 451 554 kg. 1935: 1 095 257 kg. 1936: 805 330 kg. 1937: 675 922 kg.
- (k) In addition, 29 156 kg. of poppy straw were used in 1935, 826 120 kg. in 1936 and 920 060 kg. in 1937 for the extraction of morphine.
- (l) In addition 58 590 kg. of poppy straw were used in 1936 and 140 490 kg. in 1937 for the extraction of morphine.
- (m) In addition 3 980 kg. of poppy straw were used in 1937 for the extraction of morphine.
- (n) In this total the figure for Italy is missing.

B - QUANTITIES OF RAW OPIUM USED FOR THE MANUFACTURE OF PREPARED OPIUM.

Note: The present table does not indicate the quantities of raw opium used for the manufacture of prepared opium in China and "Manchukuo", in regard to which no information is available. It should be noted that in Peru, during 1935, 351 kg. of opium were used for the manufacture of prepared opium.

(in kilogrammes)

Countries	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
North Borneo	6 122	5 908	5 420	5 746	5 263	3 412	39	-	-	-	-	-
Straits Settlements (a)	234 873	214 235	184 723	176 688	126 890	83 209	45 349	49 767(1)	92 909	101 986(1)	78 910	78 269
Fernosa (b)	26 821	7 115	14 253	30 116	33 463	30 383	19 264	23 458	17 678	14 437	14 195	12 561
Hong Kong	9 345	16 071(i)	13 039	5 212	7 812	6 706	6 399	-	-	-	-	-
Netherlands Indies (c)	92 703	67 960	113 613	101 932	51 552	41 232	28 509	-	2 719	7 218	14 470	57 040
Indo-China	?	129 227(h)	113 018(h)	139 000	104 182	55 869	51 979	65 520	56 744(m)	39 096	(m) 47 822(n)	(m) 53 411(n)
Kwantung (Leased Territory of) (d)	33 543	42 883	35 530	51 661	43 901	54 355	57 948	57 945	61 777	58 821	51 768	47 343
Macao	?	2 353(j)	11 288(k)	22 120	32 270	23 730	25 130	40 670	25 200	25 200	35 000	56 000
Sarawak	14 417	11 619	9 854	4 847	4 898	47	-	-	-	-	-	-
Siam (e)	84 000(h)	179 454(h)	88 468(h)	122 186	101 790	50 530	-	1 217	50 958	19 705	23 598	28 230
Burma (f)	16 928	14 570	14 451	13 756	12 171	10 361	11 270	12 081	13 325	13 612	14 107	18 987
Total (1927 - 1937)		691 395	603 657	673 264	524 192	359 834	245 887	250 658	321 310	280 075	281 062	351 841
Northern Shan States	?	?	?	?	?	?	?	2 557	2 069	2 154	1 192	4 206
Southern Shan States	?	?	?	?	?	?	?	?	?	?	?	70
French India	?	?	?	?	?	?	-	573	510	409	551	666
Ceylon (g)	210	178	180	133	125	133	90	82	?	46	40	42

(a) The Straits Settlements supply prepared opium to all the Federated and Unfederated Malay States, to Brunei, and, since 1931, to Sarawak, Hong Kong and North Borneo. It should further be noted that the following quantities of seized prepared opium were used for the manufacture of prepared opium: 1933 : 3696 kg. 1934 : 1943 kg. 1935 : 1374 kg. 1936 : 1367 kg. 1937 : 3147 kg.

(b) In addition, the following quantities of seized prepared opium were used for the manufacture of prepared opium : 1933 : 270 kg. 1934 : 30 kg. 1935 : 40 kg. 1936 : 13 kg. 1937 : 3 kg.

(c) In addition, the following quantities of seized prepared opium and dross were used for the manufacture of prepared opium :

Prepared opium : 1933 : 3412 kg. 1934 : 1137 kg. 1935 : 828 kg. 1936 : 101 kg. 1937 : 117 kg.
Dross : 1933 : 199 kg. 1934 : 170 kg. 1935 : 461 kg. 1936 : 335 kg. 1937 : 377 kg.

(Footnotes continued on following page)

(Continuation of Footnotes from page 4)

- (d) The annual reports give the following quantities: 1930 : 44 079 kg. 1931 : 46 571 kg. 1932 : 52 455 kg. 1934 : 57 997 kg. 1936 : 51 708 kg. It should also be noted that the following quantities of raw opium (not included in the present table) were used by registered smokers in the South Manchuria Railway territory : 1933 : 20 549 kg. 1935 : 13 521 kg. 1936 : 14 947 kg. 1937 : 15 645 kg.
- (e) The following quantities of seized prepared opium and dross were used for the manufacture of prepared opium:
Prepared opium: 1933 : 34 906 kg. 1934 : 18 743 kg. 1935 : 38 263 kg. 1936 : 53 501 kg. 1937 : 27 924 kg.
Dross: 1933 : 1 064 kg. 1934 : 2 591 kg. 1935 : 2 852 kg. 1936 : 4 879 kg. 1937 : 1 869
- (f) Figures taken from the annual reports of the Government of India showing the quantities of raw opium supplied to registered smokers, who convert it into prepared opium themselves.
- (g) These figures indicate the quantities of prepared opium manufactured. It should be noted that in Ceylon prepared opium is manufactured from the leaves in which imported raw opium is packed.
- (h) Quantities imported.
- (i) Quantity imported, less quantity re-exported.
- (j) For the last six months of the year only; the Government took over the opium monopoly on July 1st, 1927.
- (k) Quantities imported, plus quantities seized.
- (l) The annual reports for the years 1933 and 1935 give 54 641 kg. and 101 137 kg. respectively.
- (m) The annual reports for the years 1934, 1936, and 1937 give: 56 123 kg., 47 482 kg. and 48 133 kg. respectively.
- (n) In addition, the following quantities of prepared opium seized were used for the manufacture of prepared opium:
1936 : 4 691 kg. 1937 : 5 277 kg.

C - QUANTITIES OF OPIUM CONSUMED IN THE FORM OF MEDICINAL OPIUM, TINCTURES, EXTRACTS, ETC.
(in kilogrammes)

A) Countries manufacturing narcotic drugs	1929	1930	1931	1932	1933	1934	1935	1936	1937
Germany	2 875	2 600	1 850	1 200	1 330	1 510	1 440	1 180	1 172
Belgium	?	921	688	723	900	780	606	590	565
Bulgaria	240	73	N.R.	436	76	129	196	112	115
Denmark	727	450	347	339	288	226	400	312	380
Spain	?	82	73	396	552	628	551	N.R.	47
Finland	?	272	228	201	186	179	190	212	212
France	5 000	3 100	5 596	4 614	6 478	5 759	1 924	5 214	4 641
Hungary	?	290	501	255	252	307	325	289	255
Italy	908	666	810	1 295	1 546	1 045	1 628	6 392	N.R.
Norway	517	353	256	483	208	240	239	247	291
Netherlands	212	187	525	350	429	313	323	425	416
Poland	909	240	340	380	368	463	392	488	675
United Kingdom (a)	4 629	3 743	576	587	639	513	3 343	3 183	3 559
Sweden	1 017	2 048	1 189	532	685	638	776	771	714
Switzerland	250	164	195	177	135	137	142	145	152
Czecho-Slovakia	996	1 039	565	652	630	672	346	422	631
U.S.S.R.	?	?	3 000	913	?	2 791	8 305	15 132	15 543
Yugoslavia	?	134	80	281	78	64	-	52	44
United States	4 172	2 949	2 444	2 100	1 989	2 001	2 003	2 132	1 980
India (b)	767	1 001	827	803	857	1 189	912	1 778	1 054
Japan	3 033	530	460	1 529	581	1 429	826	615	712
Korea	19	21	20	14	19	35	29	29	68
Formosa	37	22	38	28	29	33	40	28	35
Kwangtung (Leased Territory)	41	38	51	15	59	31	30	11	9
Total for all manufacturing countries	26 349	20 923	20 659	18 308	18 314	21 112	24 966	39 759	33 270

Footnotes - see following page.

C - (continued)

B) Other countries	1929	1930	1931	1932	1933	1934	1935	1936	1937
Europe	767	817	1 040	879	1 424	1 604	1 303	1 207	1 776
North America	692	521	492	523	357	381	249	371	464
Central America and West Indies	33	178	32	66	102	125	72	196	40
South America	110	144	374	214	275	544	467	250	542
Asia	161	232	184	215	228	280	298	1 192	421
Africa	87	385	87	491	400	522	663	655	597
Oceania	644	567	605	687	670	810	845	660	754
Total for other countries	2 494	2 844	2 814	3 075	3 456	4 266	3 897	4 531	4 594
Grand total	28 843	23 767	23 473	21 383	21 770	25 378	28 863	44 290	37 864

Notes:

- (a) Down to the end of 1934, the United Kingdom Government included in its morphine figures all preparations manufactured from opium, medicinal opium excepted; since 1935 these preparations have been included under "Opium in the form of preparations".
- (b) The Indian States are not included in this table, statistics of their consumption not being available.

In regard to British India, it should be noted that the figures given in the table indicate the quantities consumed for requirements other than those of the Government.

D - QUANTITIES OF RAW OPIUM USED FOR PURPOSES OTHER THAN THOSE INDICATED IN PARTS A, B AND C OF THIS TABLE.

(in kilogrammes)

C o u n t r i e s	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Iran (a)	?	?	50 000	18 366	25 693	87 435	132 875	155 486	(155 000)(f)	(155 000)(f)	?	?
A. British India (b)	246 158	242 714	240 344	242 876	220 631	193 141	183 411	173 223	170 525	178 702	165 484	158 049
B. Indian States (c)	?	170 677	203 617	213 624	191 523	160 978	151 659	143 385	141 245	140 504	?	?
Ceylon (d)	1 630	1 525	1 360	1 184	1 030	839	690	595	492	?	?	265
Iraq (e)	564	488	385	355	296	214	137	62	79	?	-	-
Totals			495 706	476 405	439 173	442 607	468 772	472 751	(467 341)	(474 206)		

(a) These figures represent the quantities of opium sold in the country under State control (banderolle opium). It should be noted that the figures refer to the Iranian year (March 21st to March 20th).

The Iranian Government has supplied the Permanent Central Board with the following statistics:

Year	Quantity of raw opium used in the manufacture of "prepared" opium	Quantity of prepared opium manufactured	Quantity of prepared opium consumed in the country
	kg.	kg.	kg.
1929	450 113	360 091	16 000
1930	518 412	414 730	?
1931	450 113	360 091	70 687
1932	412 531	275 021	124 227
1933	536 091	422 146	147 239

According to the information supplied by the Iranian Government it would appear that in Iran the term "prepared opium" is used to describe:

- (1) Opium in sticks for home consumption (banderolle opium);
- (2) Raw opium in cakes for export.

(b) These figures indicate the quantities of opium consumed in British India after deduction of the quantities of raw opium sold to registered smokers in Burma. For the period 1929 to 1932 the reply to the questionnaire gives the following figures, indicating consumption of standardised raw opium (70°): 1929: 394 942 kg. 1930: 391 510 kg. 1931: 312 423 kg. 1932: 288 774 kg. These figures represent the amounts of excise opium from the Ghazipur factory sold in British India only and do not cover the amounts consumed in the Indian States.

(Footnotes continued on following page)

(Continuation of footnotes from page 8).

- (c) For the period 1929 to 1932 the reply to the questionnaire gives the following figures: 1929: 20 419 kg. 1930: 18 708 kg. 1931: 17 344 kg. 1932: 15 622 kg. These figures indicate the consumption of standardised raw opium only in the States producing raw opium (50 in all), whereas the particulars given in the annual reports refer to consumption in all the 290 Indian States.
- (d) These figures represent the quantities of eating opium (raw opium) sold to registered consumers and to the "vederalas". For the period 1932 to 1934 these quantities are made up as follows:

Year	Quantity sold to registered consumers	Quantity sold to "vederalas"	Total
	kg.	kg.	kg.
1932	582	108	690
1933	479	116	595
1934	385	107	492

- (e) These figures indicate the quantities of prepared opium consumed, including quantities eaten. According to information contained in the annual reports for 1935 and 1936 the Government of Iraq ceased the sale of prepared opium for smoking in August 1935.
- (f) Secretariat estimate based upon consumption in previous years.

2) SYNOPTIC TABLE

indicating the quantities of raw opium used for all purposes during the period 1928-1936.

(Embodying the Totals of Parts A, B, C and D).

The totals given in this table do not include figures relating to China, "Manchukuo" or Peru, no information being available.

	1928	%	1929	%	1930	%	1931	%	1932	%	1933	%	1934	%	1935	%	1936	%	1937	%
A. Manufacture of narcotic drugs.	419 503	27.1	519 615	30.6	347 111	26.0	262 007	24.1	219 481	23.0	228 017	23.4	245 243	23.2	255 358	24.6	322 361		343 616	
B. Manufacture of prepared opium.	603 657	39.0	673 264	39.6	524 192	39.5	359 834	33.1	245 887	25.7	250 658	25.8	321 310	30.3	280 075	27.0	281 062		351 841	
C. Consumption of medicinal opium tinctures, extracts.	(28 000)(a)	1.8	28 843	1.7	23 767	1.8	23 473	2.1	21 383	2.2	21 770	2.2	25 378	2.4	28 863	2.8	44 290		37 864	
D. Other consumption.	495 706	32.1	476 405	28.1	439 173	32.9	442 607	40.7	468 772	49.1	472 751	48.6	(467 341)	44.1	(474 206)	45.6	? *)		? *)	
Total	(1 546 866)	100	1 698 127	100	1 334 243	100	1 087 921	100	955 523	100	973 196	100	(1 059 272)	100	(1 038 502)	100	*)		*)	

Note: The totals which include estimates made by the Secretariat have been put in brackets.

(a) In view of the fact that statistics concerning the consumption of medicinal opium etc. do not exist for 1928, the Secretariat has assumed such consumption to have been the same as in 1929.

*) These totals have not been calculated in the absence of figures relating to Iran and the Indian States.