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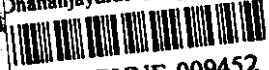
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CHINA TO-DAY:  
ECONOMIC

BY

J. B. CONDLIFFE

VISITING PROFESSOR OF ECONOMICS,  
UNIVERSITY OF MICHIGAN

WORLD PEACE FOUNDATION

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## PREFACE

**T**HE review of economic conditions and possibilities in China contained in the following pages would not have been possible if it had not been for the utilization of research work from many hands. There can be little that is original in any attempt to survey briefly the economic problems of a continent. The author desires to express his thanks to those whose patient field work has thrown so much light upon the real difficulties with which China is faced. This field work is being done under conditions of extreme difficulty and no one who has any first-hand knowledge of it can fail to admire the resourcefulness and determination with which it is carried through.

In the preparation of this volume the author has leaned heavily upon the important material provided by the research workers, particularly at the University of Nanking under the leadership of Professor J. Lossing Buck and at Nankai University under Professor Franklin L. Ho. He has received valuable advice and criticism also from Professor Leonard Hsu of Yenching University, Mr. D. K. Lieu and Mr. W. L. Holland. For the interpretation and arrangement of the material, however, the author is wholly responsible.

J. B. CONDLIFFE

ANN ARBOR, MICHIGAN  
August 1, 1931

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## APPENDIX

## APPENDIX

### TABLE I

#### SOME RECENT ESTIMATES OF CHINESE POPULATION

DATE FOR WHICH ESTIMATE MADE	AUTHORITY	MILLIONS
1895 . . . . .	Rockhill . . . . .	275-300
1901 . . . . .	Supan . . . . .	320
1903 . . . . .	Board of Revenue . . . . .	422
1910 . . . . .	Rockhill . . . . .	330
1910 . . . . .	Willcox . . . . .	342
1919 . . . . .	Maritime Customs . . . . .	439
1920 . . . . .	China Continuation Committee . . . . .	350-400
1926 . . . . .	Post Office . . . . .	485
1926 . . . . .	Maritime Customs . . . . .	448
1928-9 . . . . .	Ministry of Interior <sup>1</sup> . . . . .	474
1930 . . . . .	Willcox . . . . .	342
1930 . . . . .	Chang-heng Chen <sup>1</sup> . . . . .	457
1930 . . . . .	D. K. Lieu . . . . .	470-480
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1930 . . . . .	Warren H. Chen . . . . .	445

<sup>1</sup> An estimate of 473,100,000 is given by Cheng Tchan-heng, and one of 474,787,000 was published in 1931 by the Ministry of the Interior of the National Government (League of Nations, Economic Committee, *The Agricultural Crisis*, II, p. 25; C. 239. M. 105. 1931, II. B. 12).

## APPENDIX

### TABLE II

#### DENSITY OF POPULATION IN CHINA BY ECONOMIC REGIONS <sup>1</sup>

REGIONS	AREA	POPULATION <sup>2</sup>	DENSITY	CULTIVATED LAND 1915	PERCENTAGE OF TOTAL AREA CULTIVATED <sup>3</sup>	ACREAGE CULTIVATED PER PERSON
	<i>Sq. Miles (000's)</i>	<i>Millions</i>	<i>Per Sq. Mile</i>	<i>Sq. Miles (000's)</i>	<i>%</i>	<i>Acres</i>
North China Plain . . .	125	81	647	83	66	.65
Loess Highlands . . .	203	44	211	35	17	.51
Mountains of Shantung, Liaotung and Jehol . .	91	26	286	18	20	.43
Manchurian Plain . . .	138	12	89	20	15	1.07
Mountains of East Manchuria . . . . .	100	5	47	6	5	.81
Khingan Mountains . . .	168	2	12	—	—	—
Central Asiatic Steppes and Deserts . . . . .	982	5	5	—	—	—
Central Mountain Belt . .	128	37	290	19	15	.31
Yangtze Plain . . . . .	76	68	897	53	71	.37
Red Basin of Szechwan . .	75	44	581	30	39	.43
South Yangtze Hills . . .	155	65	421	29	19	.28
Southeast Coast . . . . .	71	30	417	11	15	.23
Hills of Liangkwan . . .	144	41	285	12	8	.18
Southwest Tableland . . .	157	25	157	6	4	.15
Tibetan Borderland . . .	290	4	14	—	—	—
Total Agricultural China <sup>4</sup>	1,463	477	326	323	22	.43
Total Political China <sup>5</sup> . .	3,098	486	156	328	11	.43

<sup>1</sup> From George B. Cressey, "The Geographic Regions of China," *Annals of American Academy of Political and Social Science*, November, 1930, p. 3.

<sup>2</sup> Chinese Post Office Estimate, 1926.

<sup>3</sup> Figures for 1915.

<sup>4</sup> Omitting Khingan Mountains, Central Asiatic Steppes and Deserts, and Tibetan Borderland.

<sup>5</sup> Twenty-eight provinces, but omitting Outer Mongolia and Outer Tibet.

## APPENDIX

### TABLE III

#### FARM LAND AND CROPS IN NORTHEAST, NORTH AND EAST-CENTRAL CHINA <sup>1</sup>

	NORTHEAST (KIRIN AND LIAONING)	NORTH (HOPEI AND SHANSI)	EAST-CENTRAL (KIANGSU AND CHEKIANG)
Total farm households . . . .	2,716,000	6,098,000	8,222,000
Percentage of all households . .	78.5	84.0	74.0
Total acreage of principal crops .	20,754,150	28,282,200	30,212,850
Average acreage per farm household . . . .	8.76	4.20	2.33
Percentage of irrigated land . .	2	7	49 <sup>2</sup>
Percentage of nonirrigated level land . .	75	71	45
Percentage of nonirrigated hilly land . .	23	22	6

<sup>1</sup> From R. H. Tawney, *Memorandum on Agriculture and Industry in China*.

<sup>2</sup> Kiangsu 38.7%, and Chekiang 72.5%.

## APPENDIX

### TABLE IV

#### GROWTH OF RURAL COOPERATIVE MOVEMENT IN CHINA <sup>1</sup>

	1923	1924	1925	1926	1927	1928	1929	1930
Societies recognized . . . . .	—	9	44	97	129	169	246	—
Nonrecognized . . . . .	8	2	56	220	432	435	572	—
Members recognized . . . . .	—	403	1,270	3,288	4,354	5,624	7,862	—
Nonrecognized . . . . .	256	47	1,062	4,744	8,836	9,677	14,072	—
Loans granted to societies . . . . .	—	3,290	10,450	32,440	60,975	89,374	122,414	—
Total loans outstanding . . . . .	—	3,290	6,860	24,215	29,922	35,331	43,226	49,395

<sup>1</sup> From Walter H. Mallory, *Quarterly Journal of Economics*, May, 1931.

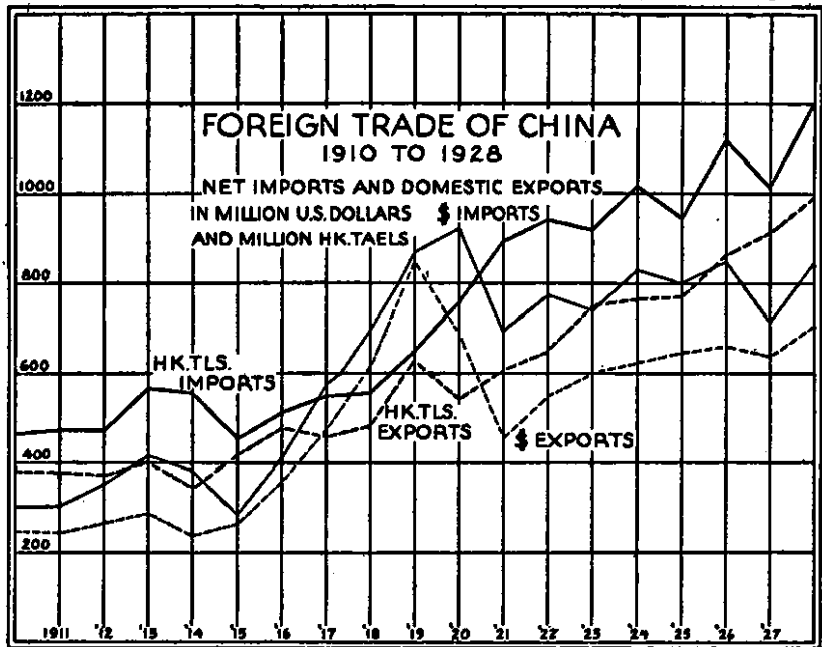
### TABLE V

#### APPRENTICES IN TIENTSIN INDUSTRIES <sup>1</sup>

TRADE	APPRENTICES %	JOURNEYMEN %
Carpet making . . . . .	28	72
Rayon and cotton weaving . . . . .	65	35
Hosiery knitting . . . . .	72	28
Total . . . . .	45	55

<sup>1</sup> From H. D. Fong, *Hosiery Knitting in Tientsin*.

FOREIGN TRADE OF CHINA 1910 TO 1928 IN MILLION U.S. DOLLARS



## APPENDIX

### TABLE VI

#### CHINA: NET IMPORTS AND DOMESTIC EXPORTS

(In Million U. S. Dollars)

YEAR.	MERCHANDISE			SPECIE <sup>1</sup>			TOTAL			VALUE OF \$ IN HK. TLS.
	IMP.	EXP.	BAL. <sup>2</sup>	IMP.	EXP.	BAL. <sup>2</sup>	IMP.	EXP.	BAL. <sup>2</sup>	
1910	306	251	55	32	18	14	338	269	69	1.52
1911	307	245	62	42	16	26	349	261	88	1.54
1912	350	274	76	40	20	20	390	294	96	1.35
1913	416	294	122	43	17	25	459	312	147	1.37
1914	381	239	142	12	30	-18	393	269	124	1.49
1915	282	260	22	14	36	-22	296	296	0	1.61
1916	408	381	27	45	59	-14	453	440	13	1.27
1917	566	477	89	42	55	-13	608	532	76	0.97
1918	699	612	87	47	18	29	746	630	116	0.80
1919	900	877	23	157	26	131	1,057	903	154	0.72
1920	945	672	273	219	126	93	1,164	798	366	0.81
1921	689	457	232	90	78	12	779	535	244	1.32
1922	784	544	240	71	35	36	855	579	276	1.21
1923	739	602	137	84	35	49	823	637	186	1.25
1924	825	625	200	42	29	13	867	654	213	1.24
1925	797	652	145	64	12	52	861	664	197	1.19
1926	854	657	197	61	27	34	915	684	232	1.32
1927	698	634	64	59	15	44	757	649	108	1.45
1928	850	704	146	84	4	80	934	708	226	1.41

<sup>1</sup> Gross figures for imports and exports of bullion and specie.

<sup>2</sup> Apparent discrepancies in subtractions to show balances of trade are due to rounding off millions for presentation as units.

## APPENDIX

### TABLE VI (continued)

#### CHINA: NET IMPORTS AND DOMESTIC EXPORTS (In Million Haikwan Taels)

YEAR	MERCHANDISE			SPECIE <sup>1</sup>			TOTAL			VALUE OF H.K. Tls. IN \$
	IMP.	EXP.	IMP.	EXP.	IMP.	IMP.	EXP.	IMP.		
	BAL. <sup>2</sup>			BAL. <sup>2</sup>			BAL. <sup>2</sup>			
1910	463	381	82	48	27	21	511	408	103	0.66
1911	472	377	95	65	25	40	537	402	134	0.65
1912	473	371	103	54	28	26	527	399	128	0.74
1913	570	403	167	59	24	35	629	427	202	0.73
1914	557	345	212	17	44	-27	574	389	185	0.67
1915	454	419	36	22	57	-35	476	476	0	0.62
1916	516	482	34	57	74	-17	573	556	17	0.79
1917	550	463	87	41	54	-13	591	517	74	1.03
1918	555	486	69	37	15	22	592	501	91	1.26
1919	647	631	16	113	19	94	760	650	110	1.39
1920	762	542	220	177	102	75	939	644	295	1.24
1921	906	601	305	119	103	16	1,025	704	321	0.76
1922	945	655	290	86	42	44	1,031	697	334	0.83
1923	923	753	170	105	43	62	1,028	796	232	0.80
1924	1,018	772	246	52	35	17	1,070	807	263	0.81
1925	948	776	172	76	14	62	1,024	790	234	0.84
1926	1,124	864	260	80	35	45	1,204	899	305	0.76
1927	1,013	919	94	85	20	65	1,098	939	159	0.69
1928	1,196	991	205	118	5	113	1,314	996	318	0.71

<sup>1</sup> Gross figures for imports and exports of bullion and specie.

<sup>2</sup> Apparent discrepancies in subtractions to show balances are due to rounding off millions for presentation as units.



APPENDIX

TABLE VII

PERCENTAGE COMPOSITION OF CHINESE TRADE IN CLASSES OF COMMODITIES

Gross Imports					
CLASS	I	II	III	IV	V
YEAR	LIVE ANIMALS	FOODS	RAW MATERIALS	MANUFACTURES	GOLD AND SILVER
	%	%	%	%	%
1912	0.1	16.0	12.0	61.8	10.1
1913	0.1	16.8	11.5	62.5	9.1
1921	—	15.9	19.9	52.9	11.3
1922	—	20.2	21.2	50.5	8.1
1923	—	23.6	21.2	45.3	9.9
1924	—	23.3	23.3	48.7	4.7
1925	—	21.6	25.5	45.6	7.3
1926	—	23.0	25.1	45.3	6.6
1927	—	24.8	24.6	43.1	7.5

Domestic Exports					
CLASS	I	II	III	IV	V
YEAR	LIVE ANIMALS	FOODS	RAW MATERIALS	MANUFACTURES	GOLD AND SILVER
	%	%	%	%	%
1912	1.5	27.0	50.3	14.2	7.0
1913	1.6	25.5	52.3	14.9	5.7
1921	0.7	22.6	44.2	17.9	14.6
1922	0.8	24.6	51.5	17.1	6.0
1923	0.7	26.0	51.0	16.9	5.4
1924	0.7	31.1	46.4	17.5	4.3
1925	0.5	31.0	49.7	17.0	1.8
1926	0.2	30.6	48.7	16.7	3.8
1927	0.5	33.1	46.8	17.4	2.2

## APPENDIX

### TABLE VIII

#### DISTRIBUTION OF THE FOREIGN TRADE OF CHINA

IMPORTS FROM	1913	1921	1923	1925	1927	1928
	%	%	%	%	%	%
Hongkong . . .	29.27	24.78	26.15	18.27	20.56	18.68
Japan . . . .	20.36	22.55	22.25	31.06	28.41	26.39
Great Britain .	16.53	16.07	12.69	9.65	7.26	9.40
United States .	6.04	18.84	16.28	14.77	16.13	16.99
India . . . .	8.24	3.80	5.82	5.06	4.10	3.92
Germany . . .	4.83	1.43	3.42	3.37	3.80	4.60
EXPORTS TO	1913	1921	1923	1925	1927	1928
	%	%	%	%	%	%
Hongkong . . .	29.04	25.43	23.35	14.78	18.47	18.37
Japan . . . .	16.25	28.63	26.37	24.00	22.74	23.06
Great Britain .	4.05	5.14	5.74	6.14	6.31	6.16
United States .	9.34	14.89	16.84	18.45	13.25	12.83
Russia and Si-						
beria . . . .	11.14	3.80	4.53	6.18	8.40	9.05
France . . . .	10.10	3.98	5.26	8.51	5.60	7.27

## APPENDIX

### TABLE IX

#### FOREIGN TRADE OF MANCHURIA, 1910-28<sup>1</sup>

Net imports and domestic exports in million Haikwan Taels

YEAR	IMPORTS	%	EXPORTS	%	EXPORT BALANCE
1910	73.1	78.1	80.2	85.3	7.1
1911	83.7	89.4	92.5	98.3	8.8
1912	86.9	92.8	83.1	88.3	-3.8
1913	93.7	100.0	94.1	100.0	0.4
1914	92.2	98.4	88.4	93.9	-3.8
1915	84.6	90.3	102.6	109.1	18.0
1916	105.4	112.5	112.2	119.3	6.8
1917	130.1	138.9	120.9	128.5	-9.2
1918	142.1	151.7	125.1	132.9	-17.0
1919	190.1	203.0	164.9	175.3	-25.2
1920	169.0	180.4	180.0	191.4	11.0
1921	185.1	197.6	200.3	212.9	15.2
1922	164.1	175.2	239.6	254.6	75.5
1923	175.7	187.6	263.1	279.6	87.4
1924	177.4	189.4	247.3	262.7	69.9
1925	216.6	231.3	282.0	299.7	65.4
1926	251.2	268.2	340.9	362.3	89.7
1927	242.0	258.3	374.4	397.9	132.5
1928	279.6	298.0	402.8	428.0	123.2

<sup>1</sup> Figures for 1910-27 are from Hsiao, "Manchuria: A Statistical Survey," in *Problems of the Pacific 1929* (University of Chicago Press, 1930). Mr. Hsiao's figures are compiled directly from the Customs reports.

## APPENDIX

### TABLE X

#### FOREIGN TRADE OF "CHINA PROPER"<sup>1</sup>

(In million Haikwan Taels)

YEAR	IMPORTS		EXPORTS		IMPORT BALANCE
	Hk. Tls	%	Hk. Tls	%	
1910	405	81	323	96	82
1911	404	81	309	92	95
1912	403	81	312	93	91
1913	497	100	335	100	162
1914	483	97	277	83	206
1915	391	78	351	105	40
1916	432	87	393	117	39
1917	442	89	366	109	76
1918	448	90	377	113	71
1919	498	100	475	142	23
1920	634	128	394	118	240
1921	773	156	447	133	326
1922	817	164	490	146	327
1923	795	160	557	166	238
1924	884	178	563	168	321
1925	790	159	562	168	228
1926	936	188	599	179	337
1927	826	166	630	188	196
1928	975	196	671	200	304

<sup>1</sup> Trade of "China Proper" represents the net imports and domestic exports of all China less the net foreign imports and direct foreign exports of Manchuria.

## APPENDIX

### TABLE XI

#### ESTIMATES OF CHINA'S BALANCE OF PAYMENTS

\$ Mex. (000,000's)

	1903 (MORSE)	1912 (WAGEL)	1913 (SEE)	1920-23 AVERAGE (COONS)	1925 (MON- TAGU)
<b>I. Current Income:</b>					
1. Merchandise exports (as recorded) . . .	354.8	555.8	605.0	956.4	1,187.8
2. Bullion and specie ex- ports . . . . .	49.6	41.5	36.3	108.4	21.9
3. Land frontier trade (estimated excess of exports) . . . . .	30.0	6.0	6.0	10.0	—
4. Adjustment of mer- chandise figures for 1925 (nature not in- dicated) . . . . .	—	—	—	—	191.3
5. Expenditure in China by:					
(a) foreign legations .	—	10.5	10.5	15.0	} 30.6
(b) foreign garrisons .	—	13.5	13.5	18.0	
(c) foreign war ves- sels . . . . .	77.2	30.0	30.0	35.0	
(d) foreign merchant vessels . . . . .	—	30.0	30.0	45.0	6.1
(e) foreign missions, schools, etc. . . . .	—	13.5	15.7	25.0	} 15.3
(f) foreign tourists .	—	15.0	15.0	22.5	
6. Remittances from Chi- nese abroad . . . . .	109.5	60.0	115.0	150.0	198.9
<b>TOTAL . . . . .</b>	<b>621.1</b>	<b>775.8</b>	<b>877.0</b>	<b>1,385.3</b>	<b>1,651.9</b>

## APPENDIX

	190s (MORSE)	1912 (WAGEL)	1913 (SEE)	1920-23 AVERAGE (COONS)	1925 (MON TAGU)-
<b>II. Current Expenditure:</b>					
7. Merchandise imports (as recorded) . . .	465.7	709.6	855.2	1,326.0	1,450.3
8. Government purchases of munitions of war	7.5	5.3	—	4.5	—
9. Bullion and specie im- ports . . . . .	55.5	81.6	88.0	182.1	115.9
10. Freight and insurance	—	15.0	15.0	—	15.3
11. Expenditure abroad by:					
(a) Chinese legations.	—	2.2	3.0	2.7	3.8
(b) Chinese tourists and students . .	6.5	4.5	4.5	5.0	2.6
12. Remittances by for- eigners in China . .	34.1	30.0	30.0	45.0	18.4
13. Service of foreign loans	66.3	76.5	87.0	90.2	83.8
TOTAL . . . . .	635.6	924.7	1,082.7	1,655.5	1,690.1
Deficit on account of current items . .	14.5	148.9	205.7	270.2	38.2
<b>III. Capital Inflow:</b>					
14. Foreign loans raised by the government . .	—	—	—	60.0	22.9
15. Foreign capital in- vested in railways and mines . . . . .	40.5	30.0	30.0	10.0	15.3
16. Foreign capital in- vested in trade and treaty ports . . . . .	—	120.0	120.0	150.0	
TOTAL CAPITAL INFLOW . . . . .	40.5	150.0	150.0	220.0	38.2
Discrepancy due to errors and omissions	26.0	1.1	55.7	50.2	—

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