

GOVERNMENT OF THE PHILIPPINE ISLANDS
DEPARTMENT OF COMMERCE AND COMMUNICATIONS
BUREAU OF COMMERCE AND INDUSTRY

STATISTICAL BULLETIN

No. 2

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DEVELOPMENT OF THE PHILIPPINE ISLANDS, COM-
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HON. DIONISIO JAKOALEM
Secretary of Commerce and Communications

JAMES J. RAFFERTY
Director, Bureau of Commerce and Industry



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PREFACE

This second issue of the statistical bulletin covers all available data up to June 30, 1919.

Aside of the new tables added to this issue of the bulletin, a number of changes has been introduced. Among these are the arrangement of tables by groups, whenever found necessary and advisable. Items in a table are grouped into classes, and graphs have been prepared to make clear the meaning and significance of various tables.

Where the sources of the data are not specified in connection with the individual tables, they are directly secured by this Bureau.

Acknowledgments and thanks are herewith extended to the various bureaus and offices of the Government for their valuable assistance rendered to our statistical staff in connection with the preparation of this bulletin.

FIDEL A. REYES,
Acting Director.

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TABLE NO. 1.—Area and population of the Philippine Islands, by provinces, 1903–1918.

Provinces.	1903 ^a			Area.	1915 ^b		1918 ^c	
	Area.	Population.	Per square mile.		Population.	Per square mile.	Population.	Per square mile.
	<i>Sq. miles.</i>			<i>Sq. miles.</i>				
Abra	1,171	51,860	44	1,171	65,170	56	68,650	59
Agusan				d 4,294	59,690	14	62,880	15
Albay	1,783	240,326	135	1,783	292,157	164	307,760	173
Ambos Camarines	3,279	239,405	73	3,279	293,012	89	308,660	94
Antique	1,134	134,166	118	e 1,178	159,870	136	168,410	143
Bataan	537	46,787	87	537	51,267	95	54,000	101
Batanes				f 64	8,685	136	9,160	143
Batangas	1,201	257,715	215	1,201	286,643	239	301,950	251
Bohol	1,511	269,223	178	1,511	307,914	204	324,360	215
Bukidnon				g 3,871	58,150	15	61,260	16
Bulacan	1,173	223,742	191	1,173	251,249	214	264,680	226
Cagayan	5,052	156,239	31	h 3,223	192,422	60	202,700	63
Capiz	1,749	230,721	132	1,749	286,927	164	302,250	173
Cavite	619	134,779	218	619	157,477	254	165,890	268
Cebu	1,939	653,727	337	1,939	727,955	375	766,830	395
Cotabato	11,786	125,875	11	i 9,864	97,661	10	102,870	10
Davao	9,707	65,496	7	j 7,486	109,921	15	115,790	15
Ilocos Norte	1,330	178,995	135	1,330	185,446	139	195,350	147
Ilocos Sur	471	187,411	398	471	170,877	363	180,000	382
Iloilo	2,027	410,315	202	2,027	454,911	224	479,200	236
Isabela	5,018	76,431	15	k 4,563	98,748	22	104,020	23
Laguna	629	148,606	236	629	175,401	279	184,770	294
Lanao				l 2,439	79,597	33	83,850	34
La Union	634	137,839	217	634	148,459	234	156,390	247
Leyte	3,008	388,922	129	3,008	478,480	159	504,030	168
Mindoro	4,024	39,582	10	3,980	63,777	16	67,180	17
Misamis	3,777	175,683	47	m 1,202	177,128	147	186,590	155
Mountain	2,827	95,495	34	n 5,273	387,388	73	408,070	77
Nueva Ecija	2,169	134,147	62	2,169	168,026	77	177,000	82
Nueva Vizcaya	1,950	62,541	32	o 1,724	34,665	20	36,520	21
Occidental Negros	3,130	308,272	98	3,130	414,113	132	436,230	139
Oriental Negros	1,864	201,494	108	1,864	265,202	142	279,360	150
Palawan	5,238	35,696	7	5,238	65,131	12	68,610	13
Pampanga	868	223,754	258	868	270,078	311	284,500	328
Pangasinan	1,193	397,902	334	p 2,046	535,025	261	563,600	275
Rizal	733	150,923	206	733	180,527	246	190,170	259
Romblon	573	52,848	92	573	66,113	115	69,640	122
Samar	5,276	266,237	50	5,276	325,232	62	342,600	65
Sorsogon	q 2,324	164,170	71	q 2,324	201,050	87	211,790	91
Sulu	1,039	90,589	87	r 1,082	110,548	102	116,450	108
Surigao	6,988	115,112	16	s 2,267	117,640	52	123,920	55
Tarlac	1,205	135,107	112	1,205	167,738	139	176,700	147
Tayabas	t 6,354	204,739	32	t 6,354	254,052	40	267,620	42
Zambales	2,125	104,549	49	u 1,272	110,634	87	116,540	92
Zamboanga	5,591	98,078	18	v 6,383	124,869	20	131,540	21
City of Manila	20	219,928	10,996	20	266,246	13,312	280,460	14,023
Total, and population per square mile	115,026	7,635,426	66	115,026	9,503,271	83	10,010,800	87

^a From the Census of 1903. ^b From Prof. Beyer's "Population of the Philippine Islands in 1916." ^c Estimated on Prof. Beyer's estimated population for the corresponding year. ^d Formerly included in the Province of Surigao. ^e The islands of Sibay, Caluya and Semirara, which until recently belonged to Mindoro, now belong to this province. ^f Formerly belonged to the Province of Cagayan. ^g Formerly included in the Provinces of Misamis and Cotabato. ^h Part of this province was taken by Mountain Province. ⁱ Parts of Cotabato were given to Bukidnon, Lanao, Davao, and Zamboanga. ^j Part of Davao was given to Cotabato. ^k Part of this province was given to Nueva Vizcaya and Mountain Province. ^l Formerly included in Misamis and Cotabato. ^m Parts of this province were taken by Bukidnon, Lanao, and Zamboanga. ⁿ Comprises Benguet and Lepanto-Bontoc, formerly independent provinces, parts of La Union, Cagayan, Isabela, Nueva Vizcaya and Ilocos Sur. ^o Part of this province was taken by Mountain Province. Now includes parts of Isabela and the former Province of Benguet and Comandancia of Principe. ^p Part of Pangasinan was taken from Zambales. ^q Includes the subprovince of Masbate, formerly an independent province. ^r Formerly comprised Jolo, Siassi, and Tawi-tawi. ^s Formerly included all of Agusan. ^t Includes the subprovince of Marinduque, formerly an independent province. ^u Part of this province was given to Pangasinan. ^v Includes all of Dapitan, parts of Misamis, Cotabato, and the Island of Basilan.

NOTE.—Advance figures from 1918 Census are as follows: Sorsogon, 177,734; Rizal, 227,135; and Manila, 283,613 divided, according to nationality, as follows: Filipinos, 257,356; Americans, 3,124; Spaniards, 1,955; English, 635; Germans, 236; French, 160; Swiss, 95; Chinese, 17,856; Japanese, 1,611; all others, 585.

TABLE No. 2.—Arrivals and departures of passengers, by nationality, 1909–1919.

[Source: Bureau of Customs.]

Nationality.	Year ended June 30—					
	1909		1910		1911	
	Arrivals.	De- partures.	Arrivals.	De- partures.	Arrivals.	De- partures.
Americans.....	3,519	2,137	3,977	4,121	4,148	3,920
Filipinos.....	949	1,007	1,132	4,192	1,469	3,249
British.....	521	386	539	658	651	528
Chinese.....	5,623	6,472	6,772	7,570	7,319	7,597
East Indians.....	148	45	201	132	322	131
Germans.....	133	125	183	141	172	160
Japanese.....	321	269	721	314	912	402
Portuguese.....	—	—	53	49	86	79
Spanish.....	488	538	597	514	619	455
Dutch and Flemish.....	—	—	126	18	24	10
French.....	70	66	47	58	102	57
Turkish.....	—	—	36	38	37	26
Italians.....	—	—	61	49	48	38
Russians.....	32	—	20	13	17	16
Scandinavians.....	—	—	23	28	20	19
Syrians.....	—	—	30	15	26	9
All others.....	276	380	125	91	91	69
Total.....	12,080	11,435	14,643	18,101	15,839	16,764
					15,184	19,226
					18,365	21,436

Nationality.	Year ended December 31—					
	1914		1915		1916	
	Arrivals.	De- partures.	Arrivals.	De- partures.	Arrivals.	De- partures.
Americans.....	3,536	3,814	3,826	3,905	3,671	3,779
Filipinos.....	2,163	2,617	2,069	3,424	2,609	3,967
British.....	505	590	461	489	407	483
Chinese.....	8,322	7,943	9,433	8,298	8,738	6,389
East Indians.....	117	209	119	125	107	89
Germans.....	215	240	43	17	8	2
Japanese.....	1,219	626	983	724	1,574	817
Portuguese.....	123	121	166	179	70	39
					42	49
					3,965	1,561
					20	49
					1,439	3,011
					1,858	4,511
					312	7,185
					6,783	33
					32	61
					1	1
					2	2
					817	1,561
					39	49
					902	20
					782	24

Spanish	483	549	484	451	460	508	172	268	143	129	158	206
Dutch and Flemish	34	24	34	35	42	43	42	31	36	134	30	35
French	68	85	27	41	42	37	28	28	51	61	40	29
Turkish	12	19	3		2							
Italians	16	32	49	46	18	13	16	27	18	10	7	14
Russians	49	47	48	36	50	37	31	35	41	33	34	23
Scandinavians	13	25	9	12	10	16	37	33	29	34	15	6
Syrians	5	2	8	9	5	4	5	6	3	4	3	5
All others	185	193	232	256	263	199	185	300	225	429	194	212
Total	17,076	17,136	17,494	18,047	18,076	17,569	19,635	16,293	21,668	17,710	11,827	11,266

^a No data available from July 1 to December 31, 1913.

^b From January 1 to June 30, only.

TABLE No. 3.—Arrivals into, and departures from the Philippine Islands of passengers, by ports of entry, during the years ended December 31, 1916-1918.

[Source: Bureau of Customs.]

Ports.	1916			1917			1918		
	Ar- rived.	De- parted.	Total.	Ar- rived.	De- parted.	Total.	Ar- rived.	De- parted.	Total.
Manila	15,669	16,087	31,756	17,294	15,065	32,359	20,138	16,700	36,838
Iloilo	734	497	1,231	643	255	898	73	166	239
Cebu	497	247	744	252	272	524	9	5	14
Jolo	444	288	732	415	259	674	313	249	562
Zamboanga	726	431	1,157	1,022	438	1,460	1,180	584	1,714
Batavia	6	19	25	9	4	13	5	6	11
Total	18,076	17,569	35,645	19,635	16,293	35,928	21,668	17,710	39,378

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TABLE NO. 6.—*Migration of Filipino agricultural laborers, by provinces of destination and agencies where recruited, from 1911 to 1918.*

[Source: Bureau of Labor.]

Provinces of destination.	1911 a	1912 a	1913 a	1913 b	1914	1915	1916	1917	1918
Albay								1	
Ambos Camarines								3	
Bataan	62	25			8	1	55		
Batangas		14	9	12	9	3	10	2	
Bohol	28	132			1				
Bulacan			1	7	9	5	1		
Cagayan			257	24	358	162			
Capiz			12		16			2	
Cavite	101	265	29	2	76	97	6	13	
Cebu						1		1	
Ilocos Sur						1			
Iloilo						1			
Isabela			46	3	6				
Laguna	8	13	2	162	83	9	8	63	
Leyte	49	101				2	6		98
Manila		73	86	66	113	77	54	50	408
Mindanao and Sulu d	360	425	775	207	2,654	401	642	3,639	7,030
Mindoro	414	451	304		1	1	777	193	195
Mountain	6	1	132	3	1				
Nueva Ecija	5	5	14	64	50	3	5		
Occidental Negros	1,885	578	651	157	276	295	441	415	
Oriental Negros	234	76		1			2		
Palawan	3				1		1		
Pampanga		10		1	2	9	1		
Pangasinan			2	175	4	2		5	
Rizal				2	11	7	7	7	
Samar		2	50						
Sorsogon		4				3	2		
Tarlac	233	1	34	10		3			
Tayabas		68	3,395	779	348	1	1		188
Zambales	2			5				48	
All others					1	1			
Total	3,390	2,244	5,799	1,680	4,028	1,085	2,019	4,442	7,919

AGENCIES.

Manila	473	765	350	169	213	144	289	575	c 855
Cebu	1,241	1,363	3,560	863	3,065	465	573	2,545	5,684
Iloilo	1,676	100	1,440	365	327	312	1,038	708	1,175
Ilocos		16	449	283	423	164	119	606	163
Pangasinan								8	42
Total	3,390	2,244	5,799	1,680	4,028	1,085	2,019	4,442	7,919

a July 1 to June 30. b July 1 to December 31, only. c Recruited by private parties, 234.

d Definite segregation of agricultural laborers going to the different provinces of Mindanao and Sulu is not available. In 1914, one thousand five hundred sixty-two went to Cotabato, eight hundred and eighty-four went to Davao and one hundred ninety-eight to Zamboanga. Other years not specifically stated.

TABLE No. 7.—Number of births and deaths in the provinces of the Philippine Islands during the years, 1914 to 1917.

[Source: Philippine Health Service.]

Provinces.	1914				1916				1917*			
	Number of births.	Number of deaths.	Increase (+) or decrease (-).	Number of births.	Number of deaths.	Increase (+) or decrease (-).	Number of births.	Number of deaths.	Number of births.	Number of deaths.	Increase (+) or decrease (-).	Number of deaths.
Abra.....	2,265	967	1,298	2,329	1,327	1,002	2,421	1,449	2,421	1,449	+	972
Agusan.....	510	270	240	584	367	217	529	280	529	280	-	80
Albay.....	12,378	6,160	6,218	12,081	8,032	4,049	12,367	6,266	12,367	6,266	+	6,081
Ambos Camarines.....	11,478	5,153	6,325	8,195	6,801	1,394	8,993	4,666	8,993	4,666	+	4,327
Antique.....	5,718	1,916	3,802	4,877	2,161	2,716	3,944	3,373	4,947	3,373	+	1,571
Bataan.....	2,425	1,477	948	1,950	1,553	397	2,037	1,563	2,037	1,563	+	474
Batanes.....	340	180	160	279	256	23	308	215	308	215	+	93
Batangas.....	15,690	6,949	8,741	14,817	7,277	7,540	16,573	7,610	16,573	7,610	+	8,963
Bohol.....	14,255	5,406	8,849	15,237	4,964	10,273	14,962	7,903	14,962	7,903	+	7,079
Bukidnon.....	12,748	7,144	5,604	10,282	7,434	2,848	10,458	6,316	10,458	6,316	+	4,142
Bulacan.....	6,727	3,250	3,477	6,945	3,647	3,298	7,017	5,355	7,017	5,355	+	1,662
Cagayan.....	9,966	5,359	4,607	4,534	4,534	0	9,537	6,040	9,537	6,040	+	3,497
Capiz.....	7,272	4,111	3,161	5,589	4,953	636	6,029	4,748	6,029	4,748	+	1,281
Cavite.....	36,529	10,752	25,777	34,160	12,309	21,851	38,102	15,203	38,102	15,203	+	22,899
Cebu.....							365	120			+	245
Cotabato.....							885	820			+	65
Davao.....							7,916	5,804			+	2,112
Ilocos Norte.....	8,040	3,172	4,868	8,172	4,416	3,756	7,916	5,804			+	2,112
Ilocos Sur.....	7,554	3,828	3,726	7,722	4,085	3,637	7,682	4,713			+	2,969
Iloilo.....	18,203	6,778	11,425	18,995	11,277	7,718	17,177	11,370			+	5,807
Isabela.....	3,742	1,690	2,052	3,663	1,929	1,734	3,696	3,013			+	683
Laguna.....	9,219	5,209	4,010	9,047	5,993	3,114	8,644	5,336			+	3,308
Lanao.....							170	105			+	65
La Union.....	6,228	3,637	2,591	6,533	2,440	4,093	6,685	3,110			+	3,575
Leyte.....	21,038	7,179	13,859	9,082	8,489	593	22,384	12,318			+	10,066
Manila.....	9,599	7,811	1,788	9,082	2,079	577	8,397	7,911			+	586
Mindoro.....							2,056	1,602			+	454
Misamis.....	8,208	3,943	4,265	7,269	3,383	3,886	7,429	4,661			+	2,768
Mountain.....												
Nueva Ecija.....	7,487	4,055	3,432	6,943	4,096	2,847	7,081	4,882			+	2,249
Nueva Vizcaya.....	1,201	672	529	1,396	844	552	1,201	877			+	324
Occidental Negros.....	10,211	6,048	4,163	11,963	10,003	1,960	12,179	10,778			+	1,401
Oriental Negros.....	9,694	3,491	6,203	10,027	3,920	6,107	10,114	5,714			+	4,400
Palawan.....	694	208	486	872	339	533	1,153	492			+	661
Pampanga.....	14,218	7,283	6,935	12,485	7,151	5,334	11,400	6,884			+	4,516
Pangasinan.....	25,127	13,228	11,899	24,071	12,307	11,764	24,276	12,649			+	11,627
Rizal.....	9,535	5,926	3,609	8,221	6,351	1,870	8,195	5,309			+	2,886

TABLE No. 7.—*Number of births and deaths in the provinces of the Philippine Islands during the years, 1914 to 1917*—Continued.

Provinces.	1914			1916			1917 ^a		
	Number of births.	Number of deaths.	Increase (+) or decrease (—).	Number of births.	Number of deaths.	Increase (+) or decrease (—).	Number of births.	Number of deaths.	Increase (+) or decrease (—).
Romblon.....	2,017	1,119	+ 898	1,858	1,111	+ 747	1,911	1,050	+ 861
Samar.....	10,830	6,071	+ 4,759	9,784	5,490	+ 4,294	12,446	6,796	+ 5,650
Sorsogon.....							7,729	5,135	+ 2,594
Sulu.....							117	2,244	— 2,127
Surigao.....	2,154	1,489	+ 665	2,581	1,393	+ 1,188	2,451	2,971	— 520
Tarlac.....	9,132	3,756	+ 5,376	8,470	3,743	+ 4,727	7,573	4,467	+ 3,106
Tayabas.....	9,908	5,755	+ 4,153	9,392	6,552	+ 2,840	9,625	6,058	+ 3,567
Zambales.....	2,984	1,398	+ 1,586	2,513	1,888	+ 625	2,917	1,559	+ 1,358
Zamboanga.....							1,365	1,411	— 46
Total.....	345,324	162,840	+182,484	308,595	174,577	+134,018	349,716	209,445	+140,271

^a No data for 1915, and none available for 1918 at this date.

NOTE.—Dashes indicate that data are not available. The sign (+) indicates excess of number of births over the number of deaths, and the sign (—), vice versa.

TABLE NO. 8.—*Marriages, births, deaths, and infant mortality in the city of Manila, 1908–1918.*

[Source: Philippine Health Service.]

Year ended—	Popula- tion.	Mar- riages.	Births.	Deaths.		Rate per 1,000 popula- tion.			Mortality of infants under 5 years of age.	
				Under 5 years of age.	Total.	Mar- riages.	Births.	Deaths.	Per- cent- age on total births.	Per- cent- age on total deaths.
June 30:										
1908.....	b 223,542	-----	8,674	5,526	9,351	-----	38.80	41.83	63.71	59.10
1909.....	b 223,542	-----	8,685	6,120	10,287	-----	38.85	46.02	70.47	59.49
1910.....	c 234,409	-----	9,914	5,284	8,727	-----	42.29	37.23	53.30	60.55
1911.....	c 234,409	1,493	9,180	5,120	8,279	6.37	39.16	35.32	55.77	61.84
1912.....	c 234,409	2,140	9,340	5,572	9,285	9.13	39.84	39.61	59.66	60.01
December 31:										
1913 ^a	d 247,756	1,051	4,721	1,947	3,678	4.24	19.06	14.85	41.24	52.94
1914.....	e 266,943	2,336	9,599	4,332	7,811	8.75	35.96	29.26	45.13	55.46
1915.....	e 266,943	2,176	8,850	4,725	8,134	8.15	33.15	30.47	53.39	58.09
1916.....	f 270,910	2,366	9,082	4,621	8,489	8.73	33.52	31.34	50.88	54.44
1917.....	f 275,650	2,285	8,597	3,817	7,911	8.29	31.19	28.70	44.40	48.25
1918 ^g	f 280,460	1,906	6,627	5,496	9,954	6.79	23.63	35.49	82.93	55.21

^a From July to December 31, only. No data available for the period from July 1, 1912 to June 30, 1913.^b From Philippine Health Service Census of 1908.^c From Philippine Health Service Census of 1910.^d From Philippine Health Service Census of 1913.^e From Philippine Health Service Census of 1914.^f Estimated on Prof. Beyer's estimated population for the corresponding year.^g From January to September, only. Data for the last quarter are not yet available.

TABLE No. 9.—*Number of deaths, with causes, occurring among residents and transients in the city of Manila (stillbirths not included), 1916-1918.*

• [Source: Philippine Health Service.]

Causes of death.	1916			1917			1918 ^a		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
General diseases:									
Typhoid fever.....	71	59	130	131	85	216	89	39	128
Malaria.....	36	20	56	48	21	69	23	26	49
Measles.....	3	3	6	1	1	2	5	1	16
Whooping cough.....	3	2	5	3	5	8	1	6	7
Diphtheria and croup.....	16	21	37	21	14	35	9	4	13
Influenza.....	5	5	10	6	9	15	18	24	42
Asiatic cholera.....	312	243	555	3	5	8	8	4	12
Dysentery.....	82	82	164	181	131	312	342	323	665
Other epidemic diseases.....	2	2	2	2	2	2	1	1	1
Purulent infection and septicaemia.....	23	13	36	24	13	37	17	8	25
Tetanus.....	85	41	126	86	53	139	47	26	73
Beriberi.....	497	400	897	266	234	490	261	233	494
Tuberculosis of the lungs.....	739	584	1,323	880	568	1,448	826	578	1,404
Tuberculous meningitis.....	43	65	108	38	37	75	40	28	68
Tuberculosis, abdominal.....	16	27	43	31	42	73	44	31	75
Tuberculosis of other organs.....	4	2	6	7	2	10	7	6	13
Syphilis.....	10	1	11	7	1	8	5	4	9
Cancer.....	40	36	76	46	63	109	51	39	90
Diabetes.....	10	5	15	7	5	12	5	4	9
Exophthalmic goitre.....	1	2	3	1	2	2	1	1	1
Anaemia chlorosis.....	2	5	7	1	2	3	4	4	8
Other general diseases.....	1	4	5	9	3	12	1	1	1
Diseases of the nervous system and of the organs of special sense:									
Meningitis.....	153	174	327	141	147	288	131	152	333
Other diseases of the spinal cord.....	2	2	2	5	1	6	3	2	5
Cerebral haemorrhage, apoplexy.....	69	35	104	67	47	114	69	32	101
Paralysis without specified cause.....	14	12	26	11	10	21	15	12	27
Other forms of mental alienation.....	20	3	23	59	14	73	48	4	52
Convulsions of infants (under 5 years of age).....	176	146	322	134	105	239	99	88	187
Other diseases of the nervous system.....	1	1	1	3	2	5	4	4	4
Diseases of the circulatory system:									
Acute endocarditis.....	12	5	17	13	8	21	21	20	41
Organic diseases of the heart.....	102	56	158	107	50	157	107	45	152
Angina pectoris.....	28	8	31	22	5	27	19	3	22
Diseases of the arteries, atheroma, aneurysm, etc.....	27	6	33	33	7	40	28	6	34
Haemorrhage; other diseases of the circulatory system.....	2	1	3	3	1	1	2	2	2

Diseases of the respiratory system:

Acute bronchitis.....	340	276	616	301	280	581	393	409	581
Chronic bronchitis.....	98	113	211	114	89	203	117	117	230
Broncho-pneumonia.....	150	136	286	169	157	316	259	269	528
Pneumonia.....	44	32	76	42	78	70	134	55	189
Other diseases of the respiratory system (tuberculosis excepted).....	1	1	2	1	2	3	3	2	5
Diseases of the digestive system:									
Other diseases of the stomach (cancer excepted).....	8	7	15	9	6	15	14	11	25
Diarrhoea and enteritis (under 2 years).....	240	211	451	217	184	401	325	263	538
Diarrhoea and enteritis (2 years and over).....	71	57	128	105	76	181	170	162	332
Appendicitis and typhilitis.....	10	3	13	8	4	12	17	4	21
Hernias, intestinal obstructions.....	20	6	26	22	8	30	15	4	19
Other diseases of the digestive system (cancer and tuberculosis excepted).....	1	1	1	4	1	5	1	1	1
Nonvenereal diseases of the genito-urinary system and annexa:									
Acute nephritis.....	38	35	73	46	40	86	65	54	119
Bright's disease.....	104	97	201	133	125	258	134	105	239
Diseases of bones:									
Diseases of the bones (tuberculosis excepted).....	2	2	4	3	1	4	1	2	3
Malformations:									
Congenital malformations of the heart.....	5	5	10	7	3	10	5	1	6
Other congenital malformations.....	4	4	4	2	2	4	2	2	4
Diseases of early infancy:									
Congenital debility, icterus, and sclerema.....	66	56	122	70	64	134	103	67	170
Premature birth (not stillborn).....	22	17	39	14	5	19	12	7	19
Congenital debility.....	232	223	505	255	227	482	265	182	447
Old age:									
Senility.....	126	224	350	123	222	345	142	237	379
Affections caused by external causes:									
Suicide.....	5	2	7	11	6	11	9	1	9
Accidental drowning.....	16	4	20	14	6	20	10	1	11
Homicide.....	10	7	17	5	4	9	4	2	6
Cause of death not specified or ill-defined.....	28	18	46	29	20	49	36	25	61
All others.....	335	263	598	332	254	586	869	709	1,578
Total.....	4,627	3,862	8,489	4,420	3,491	7,911	5,499	4,455	9,954

^a From January 1 to September 30, only.

TABLE NO. 10.—*Number of deaths, by age and sex, in the city of Manila during the years, 1917-1918.*

[Source: Philippine Health Service.]

[illegible]

TABLE NO. 11.—*Number of deaths and death rate per 1,000 among residents in the city of Manila, by nationality, 1917-1918.*

[Source: Philippine Health Service.]

Nationality.	Popula- tion 1914. ^a	1917				1918			
		Male.		Female.		Male.		Female.	
		Number.	Annual death rate per 1,000.	Number.	Annual death rate per 1,000.	Number.	Annual death rate per 1,000.	Number.	Annual death rate per 1,000.
Filipinos	236,940	3,313	26.35	3,007	27.04	4,292	34.14	3,917	35.22
Americans	5,474	27	7.53	12	6.35	29	8.09	14	7.41
Spaniards	4,406	33	13.67	13	6.53	29	12.01	6	3.01
Chinese	16,657	228	14.97	17	11.95	222	14.57	17	11.95
Other Europeans	1,506	9	8.76	6	12.53	13	12.66	5	10.44
All others	1,960	12	8.53	5	9.04	15	10.66	8	14.47
Total and average	266,943	3,622	24.24	3,060	26.03	4,600	30.79	3,964	33.72
					25.03				32.08
				6,682		8,564			

^a Philippine Health Service Census of 1914.

TABLE No. 12.—Public education: all public schools except the University of the Philippines, 1908–1918.

[Source: Bureau of Education.]

Year.	Number of schools.	Total annual enrollment.	Average monthly enrollment.	Average daily attendance.	Teachers and supervisors.				Average number of pupils to each teacher. ^b	Total expenditures.	Average cost of education per pupil. ^c	Estimated school population. ^d	Per cent of enrollment to school population. ^e
					Americans.		Filipinos.						
					Male.	Female.	Male.	Female.					
1908	3,932	486,676	339,243	264,807	535	187	4,833	1,999	45.5	5,127,117	10.53	1,394,000	34.09
1909	4,424	570,502	406,478	299,625	570	255	5,634	2,315	46.2	5,747,997	10.08	1,419,700	40.10
1910	4,531	587,317	427,166	314,336	493	239	5,832	2,443	50.2	6,475,327	11.03	1,445,900	40.61
1911	4,404	610,493	446,889	355,722	440	243	5,940	2,463	49.2	6,447,713	10.56	1,472,400	41.46
1912	3,685	529,665	395,075	329,073	433	231	4,082	1,886	60.4	6,527,637	10.43	1,499,500	35.32
1913	2,934	440,050	329,766	257,995	446	212	4,795	2,218	42.9	6,461,322	14.68	1,527,100	22.26
1914	4,235	621,080	489,070	428,552	417	195	6,169	2,681	54.0	7,639,179	12.30	1,655,200	39.93
1915 ^a	4,291	621,114	501,630	448,014	388	162	6,641	2,884	49.7	8,056,121	12.97	1,583,900	39.21
1916 ^a	4,412	688,543	523,272	471,195	350	156	7,191	3,266	47.7	7,430,440	11.54	1,611,600	39.62
1917 ^a	4,702	675,998	567,625	514,263	325	142	7,986	3,840	46.1	8,514,223	12.60	1,639,800	41.22
1918 ^a	4,747	671,398	569,475	521,377	268	138	8,421	4,400	43.1	10,730,210	15.98	1,668,500	40.24

^a Includes Department of Mindanao and Sulu.^b Based on the average monthly enrollment for the year.^c Based on the total annual enrollment of pupils.^d The estimated school population given here is one-sixth of the estimated population of the Philippine Islands.^e Based on the total annual enrollment of pupils.

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TABLE NO. 13.—*Enrollment of students, by colleges and sex, in the University of the Philippines, 1912-1918.*

[Source: University of the Philippines.]

College or school.	Number of volumes in library, December 31, 1917.	College year ended June 30—																				
		1917						1918														
		1912 a	1913 a	1914 a	1915 a	1916 a	Male.	Female.	Total.	Male.	Female.	Total.										
Education																						
Medicine and Surgery, Pharmacy, Dentistry, and Tropical Medicine and Public Health	34	56	73	104	189	300	215	65	280	182	56	238										
Veterinary Science	151	14	27	31	28	30	35		35	265	79	344										
Engineering	187	11	5	12	40	47	74		74	108		90										
Law	2,186	154	146	142	141	212	232	2	234	250	1	108										
Agriculture	1,454	186	253	294	375	444	431		431	564		564										
Liberal Arts	1,627	215	200	317	391	429	450	70	520	343	34	377										
Total	5,639	b 599	704	900	1,164	b 1,412	1,437	137	1,574	1,802	170	b 1,948										
School of Fine Arts	65	801	694	602	911	986	820	22	842	661	38	699										
Conservatory of Music	1						72	66	138	114	94	208										
School of Nursing							97	279	376	87	228	315										
School of Forestry							45		45	45		45										
University High School										49	25	74										
Total	66	801	694	602	911	986	1,034	367	1,401	956	385	1,341										
Total enrollment	5,705	1,400	1,398	1,502	2,075	2,398	2,471	504	2,975	2,758	555	3,289										

a No segregation by sex of students enrolled.

b Thirty-seven duplications of enrollment in 1912, 50 in 1916, and 24 in 1918, not included.

TABLE No. 14.—Statement showing the percentage of the area cultivated under the nine principal crops to the total area of each province, and the total value of production.*

Provinces.	Area. Hectares.	1913		1914		1915	
		Area cultivated. Hectares.	Per cent. (b)	Area cultivated. Hectares.	Per cent. (b)	Area cultivated. Hectares.	Per cent. (b)
							Value of production.
Abrá.....	303,289						(b)
Agusan.....	1,112,146		0.30				(c)
Albay.....	461,797	133,143	28.83	155,159	36.60	159,819	34.60
Ambos Camarines.....	849,261	115,631	13.61	133,600	15.73	123,075	14.49
Antique.....	305,102	48,948	14.40	8,785,090	13.22	6,936,681	13.82
Bataan.....	139,083	7,760	5.57	1,560,718	6.33	1,900,534	5.04
Batanes.....	16,576	319	1.92	603,763	3.11	556,306	2.47
Batanga.....	311,059	55,590	17.87	9,828	19.77	22,103	7.15
Bohol.....	391,849	56,828	14.52	3,929,204	18.29	3,424,213	15.32
Bukidnon.....	1,002,589			1,902,598		2,904,604	
Bulacan.....	303,807	68,383	22.50				
Cagayan.....	834,759	55,924	6.69	4,966,773	22.69	4,145,837	22.58
Capiz.....	452,991	72,933	8.73	5,066,008	6.26	3,270,261	6.55
Cavite.....	160,321	33,768	21.06	4,597,497	8.81	5,056,596	17.82
Cebu.....	502,201	181,329	36.10	2,024,583	21.79	2,310,106	22.18
Cotabato.....	2,554,776			10,210,006	37.86	10,856,810	39.49
Davao.....	1,938,874						
Ilocos Norte.....	344,470	70,820	20.55				
Ilocos Sur.....	121,989	55,857	45.78	62,488	18.14	2,886,856	16.71
Iloilo.....	524,993	26,103	24.02	53,638	48.06	2,988,504	49.15
Isabela.....	1,181,820	43,235	3.66	135,702	25.84	7,860,926	25.03
Laguna.....	162,911	50,332	30.89	49,593	4.19	4,835,171	3.99
La Union.....	164,206	39,049	23.78	56,863	34.90	4,415,432	34.68
Lanao.....	631,701			40,569	24.81	2,090,068	24.23
Leyte.....	779,072	111,095	14.26				
Mindanao and Sulu (Moros)		53,206	0.58	126,816	16.27	8,940,321	17.75
Mindoro.....	1,030,820	12,222	1.19	65,142	0.71	5,657,131	0.71
Misamis.....	311,318	46,944	15.08	16,129	1.56	674,399	1.34
Mountain.....	1,365,701	34,233	2.50	42,194	13.55	3,266,219	13.59
Nueva Ecija.....	561,771	87,442	15.56	1,383,590	2.94	1,383,590	1.82
Nueva Vizcaya.....	446,517	6,477	1.45	88,637	15.77	5,634,035	16.07
Occidental Negros.....	810,670	110,624	13.64	6,288	1.40	6,429,947	1.36
Oriental Negros.....	432,776	46,768	9.68	106,970	13.90	14,809,386	12.95
				77,840	9.60	4,011,643	17.93
						86,570	4,301,135

* The principal crops are rice, hemp, coconut, sugar cane, corn, tobacco, cacao, coffee and maguay.

b Subprovince of Ilocos Sur.

c See Mindanao and Sulu (Moros).

d Subprovince of Agusan.

e Nine million one hundred seventy-three thousand five hundred twenty-one hectares, total estimated area of the following: Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga.

total estimated area of the following: Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga.

TABLE No. 14.—Statement showing the percentage of the area cultivated under the nine principal crops to the total area of each province, and the total value of production*—Continued.

Provinces.	Area.	1913			1914			1915		
		Area cultivated.		Value of production.	Area cultivated.		Value of production.	Area cultivated.		Value of production.
Palawan.....	1,356,642	7,993	0.59	447,073	9,687	0.71	483,041	7,585	0.56	467,186
Pampanga.....	224,812	97,061	43.17	8,929,391	96,966	43.13	7,210,127	98,059	41.39	7,531,045
Pangasinan.....	529,913	173,699	32.77	12,503,638	188,350	35.54	7,711,393	175,633	33.14	6,627,612
Rizal.....	189,847	21,420	11.28	1,822,455	29,871	15.73	1,702,495	30,679	16.16	1,428,467
Romblon.....	148,407	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Samar.....	1,366,484	64,719	4.73	6,778,053	67,987	4.97	4,437,803	69,570	5.09	4,517,803
Sorsogon.....	601,916	85,557	14.21	6,834,474	113,023	18.77	10,607,292	113,601	18.87	7,477,769
Sulu.....	280,238	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Surigao.....	587,153	23,881	4.07	1,902,371	27,916	4.75	1,711,364	29,633	5.04	1,850,108
Tarlac.....	312,095	76,076	24.37	5,860,889	80,675	25.84	4,426,229	68,723	32.02	4,390,540
Tayabas.....	1,645,686	75,364	4.58	6,844,318	82,084	4.98	5,679,261	80,951	4.91	5,563,774
Zambales.....	329,449	23,215	7.04	1,568,838	21,701	6.58	1,023,023	21,996	6.67	950,000
Zamboanga.....	1,653,197	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Total.....	29,786,554	2,372,420	7.96	178,639,368	2,600,168	8.73	166,013,832	2,543,434	8.54	160,414,061

Provinces.	Area.	1916			1917			1918		
		Area cultivated.		Value of production.	Area cultivated.		Value of production.	Area cultivated.		Value of production.
		Hectares.			Hectares.			Hectares.		
		Per cent.			Per cent.			Per cent.		
Abra.....	303,289	(b)	(b)	(b)	17,594	5.80	₱1,284,378	20,586	6.78	₱2,173,686
Agusan.....	1,112,146	(c)	(c)	(c)	7,623	0.68	865,835	10,134	0.91	1,591,793
Albay.....	461,797	141,150	30.56	₱11,990,112	158,720	34.37	12,221,054	153,794	33.30	20,294,375
Ambos Camarines.....	849,261	115,357	13.58	7,461,724	112,173	13.21	7,270,560	119,864	14.11	12,079,897
Antique.....	305,102	43,059	14.11	1,647,512	34,745	11.39	1,828,333	39,913	13.08	2,492,564
Bataan.....	139,083	9,543	6.86	598,618	8,304	5.97	900,993	9,408	6.76	1,030,379
Batanes.....	16,576	448	2.70	21,388	354	2.13	16,487	499	3.01	27,956
Batangas.....	311,059	57,076	18.34	3,674,696	64,318	20.67	5,285,140	80,962	26.02	10,326,503
Boloh.....	391,349	57,076	14.75	2,965,733	57,172	14.61	4,311,188	74,018	18.91	6,914,125
Bukidnon.....	1,002,589	(c)	(c)	(c)	179	0.01	12,695	162	0.01	12,750
Bulacan.....	303,807	66,476	21.88	4,522,321	64,928	21.37	5,601,970	74,156	24.40	7,166,616
Cagayan.....	834,759	58,097	6.96	3,696,117	57,999	4.55	4,287,608	48,972	5.86	5,270,273
Capiz.....	452,991	83,791	18.49	4,877,324	85,392	18.85	6,564,404	75,027	16.56	7,473,996
Cavite.....	160,331	41,815	26.08	2,792,256	44,332	27.65	4,622,579	50,647	31.59	6,639,484
Cebu.....	502,201	192,123	38.25	10,115,020	197,761	39.38	12,463,569	207,697	41.35	16,034,453
Cotabato.....	2,554,776	(c)	(c)	(c)	1,220	0.08	80,383	331	0.03	83,265

Davao	1,938,874	(c)	(e)	(e)	(c)	25,248	1.30	4,863,791	31,056	1.60	5,037,924
Ilocos Norte	344,470	59,986	17.41	3,432,238	3,675,905	69,577	20.19	4,874,214	75,487	21.91	5,296,602
Ilocos Sur	121,989	53,39	53.39	3,399,499	3,675,905	49,358	40.46	3,923,654	54,693	44.33	6,242,439
Iloilo	524,993	137,421	26.17	7,983,791	4,347,150	136,672	26.05	9,598,514	144,633	27.54	13,729,399
Isabela	1,181,820	48,212	2.56	6,044,098	6,044,098	46,705	3.95	4,743,164	46,776	3.95	5,061,662
Laguna	162,911	59,764	36.68	6,044,098	6,044,098	62,233	38.20	8,096,761	74,149	45.51	16,805,891
La Union	164,206	42,919	26.13	2,813,760	2,813,760	49,630	30.22	5,443,156	53,419	32.53	7,088,333
Lanao	631,701	(c)	(e)	(c)	(c)	4,926	0.78	331,485	4,184	0.66	363,474
Leyte	779,072	147,131	18.88	13,228,076	13,228,076	161,823	20.77	20,924,588	163,516	20.98	30,808,127
Mindanao and Sulu (Moro)	(f)	62,264	0.68	4,332,924	4,332,924	18,023	1.75	2,401,733	20,301	1.97	3,382,525
Mindoro	1,030,820	17,134	1.66	1,734,610	1,734,610	58,974	17.33	5,254,197	57,004	18.31	6,838,190
Misamis	311,318	42,429	13.62	3,399,499	3,399,499	35,848	2.58	1,772,714	47,055	3.44	3,476,436
Mountain	1,365,701	25,218	1.84	1,014,537	1,014,537	115,207	20.50	8,874,639	124,972	22.24	21,823,054
Nueva Ecija	561,771	90,787	16.16	5,935,659	5,935,659	6,737	1.51	6,176,711	6,200	1.38	644,175
Nueva Vizcaya	446,517	6,335	1.41	4,332,924	4,332,924	107,732	13.29	18,005,606	113,877	14.04	14,761,822
Oriental Negros	810,670	105,622	13.03	17,022,492	17,022,492	80,645	16.70	5,698,919	69,783	14.45	5,777,436
Oriental Negros	482,776	87,642	18.15	4,829,446	4,829,446	8,662	0.64	5,532,367	6,499	0.48	463,678
Palawan	1,356,642	7,564	0.56	7,515,437	7,515,437	94,654	42.10	10,054,325	108,854	48.42	12,775,271
Pampanga	224,812	90,933	40.44	7,337,537	7,337,537	180,012	33.97	13,330,501	206,539	38.98	25,526,796
Pangasinan	529,913	172,833	32.61	8,104,321	8,104,321	32,821	17.29	2,436,330	30,793	16.22	3,726,715
Rizal	189,847	31,090	16.37	1,932,763	1,932,763	(e)	(e)	(e)	(e)	(e)	(e)
Romblon	148,407	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Samar	1,366,484	69,537	5.08	6,090,391	6,090,391	86,680	6.34	10,962,450	88,109	6.44	14,824,155
Sorsogon	601,916	114,068	18.95	10,147,890	10,147,890	110,735	18.39	14,298,590	114,355	18.99	17,014,523
Sulu	280,238	(c)	(c)	(c)	(c)	20	0.007	1,289	650	0.23	26,923
Surigao	587,153	33,484	5.70	2,100,643	2,100,643	40,133	6.83	3,816,235	44,030	7.49	5,053,891
Tarlac	312,095	69,124	22.14	3,688,019	3,688,019	74,234	23.78	4,902,421	95,994	30.75	9,417,316
Tayabas	1,646,686	88,707	5.39	6,032,071	6,032,071	99,043	6.01	8,727,731	122,120	7.42	16,326,457
Zambales	329,449	22,423	6.80	1,121,041	1,121,041	26,449	8.02	1,610,466	28,363	8.61	2,492,211
Zamboanga	1,653,197	(c)	(c)	(c)	(c)	31,078	1.88	4,417,659	34,230	1.97	10,594,041
Total	29,786,554	2,564,423	8.61	181,695,456	181,695,456	2,721,182	9.13	248,162,946	2,953,101	9.91	366,598,316

^a The principal crops are rice, hemp, coconut, sugar cane, corn, tobacco, cacao, coffee and maguay.

^b Subprovince of Ilocos Sur.

^c See Mindanao and Sulu (Moro).

^d Subprovince of Agusan.

^e Subprovince of Capiz.

^f Nine million one hundred seventy-three thousand five hundred twenty-one hectares, total estimated area of the following: Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga.

^g The total area of the Philippine Islands is 29,791,734 hectares, or 115,026 square miles; area of Manila, 5,180 hectares or 20 square miles, not included in this total.

TABLE No. 16.—*Rice production, by provinces, from 1910 to 1918.*

[Source: Bureau of Agriculture.]

Provinces.	Year ended June 30—								
	1910	1911	1912	1913	1914	1915	1916	1917	1918
	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)
Abra	3, 117	9, 225	4, 526	13, 099	221, 122	207, 509	182, 160	131, 068	174, 458
Agusan	101, 979	46, 237	140, 370	254, 818	221, 122	207, 509	182, 160	16, 245	17, 100
Albay	166, 320	331, 662	68, 972	395, 873	403, 885	230, 792	170, 872	280, 927	280, 712
Ambos Camarines	166, 766	182, 339	283, 611	179, 670	367, 535	237, 202	217, 902	261, 077	339, 658
Antique	73, 037	129, 780	88, 725	103, 662	90, 691	88, 470	96, 981	223, 485	258, 443
Bataan	128, 544	89, 737	67, 545	324, 966	239, 421	179, 848	272, 924	107, 070	114, 164
Batanes	193, 686	187, 439	136, 561	79, 156	173, 477	100, 335	153, 709	221, 242	251
Batangas	(c)	(c)	(c)	(c)	(b)	(b)	(b)	(b)	335, 984
Bohol	603, 674	570, 419	112, 382	817, 729	648, 929	496, 555	602, 688	270, 466	359, 719
Bukidnon	146, 983	126, 510	160, 180	212, 275	192, 540	206, 231	212, 069	1, 259	1, 480
Bulacan	439, 830	497, 749	455, 734	419, 699	650, 284	585, 917	506, 069	756, 835	797, 511
Cagayan	84, 911	176, 881	71, 581	240, 663	156, 674	159, 561	200, 826	236, 324	178, 134
Capiz	40, 076	24, 973	29, 735	21, 583	23, 691	18, 289	36, 286	678, 811	747, 794
Cavite	(b)	(b)	(b)	(b)	(b)	(b)	(b)	43, 797	426, 094
Cebu	(b)	(b)	(b)	(b)	(b)	(b)	(b)	43, 797	90, 585
Cotabato	(b)	(b)	(b)	(b)	(b)	(b)	(b)	5, 889	5, 889
Davao	317, 832	672, 986	297, 996	591, 276	272, 223	396, 402	400, 804	50, 966	49, 924
Ilocos Norte	290, 934	380, 400	173, 911	321, 321	272, 767	328, 155	325, 806	610, 382	708, 951
Ilocos Sur	288, 071	404, 838	320, 221	690, 923	898, 972	417, 263	781, 479	244, 277	312, 117
Iloilo	19, 163	6, 744	21, 225	10, 784	19, 301	12, 575	14, 337	1, 042, 344	1, 254, 196
Isabela	112, 669	140, 916	206, 069	187, 159	218, 030	172, 943	187, 518	13, 736	13, 736
Laguna	327, 198	298, 534	121, 923	253, 809	232, 074	183, 886	284, 111	251, 667	313, 111
Lanao	214, 969	227, 857	146, 619	239, 364	404, 710	317, 480	323, 542	29, 691	24, 672
La Union	52, 632	88, 609	32, 598	58, 768	140, 509	106, 481	104, 579	392, 492	461, 015
Leyte	20, 413	24, 914	27, 421	75, 031	64, 567	42, 720	101, 560	329, 241	332, 375
Mindanao and Sulu (Moro)	33, 783	14, 767	60, 201	68, 637	44, 996	22, 605	43, 836	83, 561	95, 186
Mindoro	155, 542	133, 999	70, 242	73, 174	141, 117	110, 552	121, 018	37, 476	97, 948
Mountain	1, 048, 767	1, 057, 844	392, 533	1, 714, 252	1, 183, 346	899, 919	1, 076, 042	191, 344	342, 072
Nueva Ecija	46, 324	36, 042	39, 116	79, 123	69, 135	56, 477	69, 360	71, 282	88, 095
Nueva Vizcaya	302, 305	125, 957	197, 713	222, 789	389, 672	229, 085	375, 783	381, 942	407, 675
Oriental Negros	33, 740	16, 124	11, 010	9, 950	41, 203	28, 776	28, 788	32, 227	45, 925
Palawan	23, 482	207, 694	55, 921	30, 309	52, 690	54, 882	54, 000	64, 433	29, 602
Pampanga	514, 668	527, 732	201, 986	790, 966	611, 665	447, 821	467, 783	692, 535	806, 524
Pangasinan	1, 531, 133	1, 623, 649	1, 018, 541	1, 810, 162	1, 196, 971	1, 002, 186	1, 278, 671	1, 831, 845	2, 797, 438
Rizal	160, 672	299, 619	23, 359	301, 395	250, 043	156, 701	268, 824	316, 940	423, 872
Romblon	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	65, 046

Samar	152,376	110,144	39,192	84,523	79,824	75,514	95,354	138,518	175,577
Sorsogon	73,625	69,498	26,626	59,581	68,163	66,305	86,040	110,611	143,129
Sulu	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	1,441
Surigao	87,321	58,048	107,616	93,296	67,612	55,924	85,305	129,415	100,813
Tarlac	821,840	717,111	227,395	782,198	735,725	571,916	614,389	645,100	1,047,205
Tayabas	251,616	225,388	79,908	125,682	186,496	202,395	191,683	278,777	332,551
Zambales	156,828	154,297	140,281	282,001	271,473	207,916	179,917	256,664	345,575
Zamboanga	(b)	(b)	(b)	(b)	(b)	(b)	(b)	43,440	45,741
Total	9,181,816	9,997,264	5,659,564	11,929,887	11,071,847	8,676,886	10,167,106	13,769,541	17,430,644
Total value	P66,563,086	P72,480,164	P44,804,882	P61,737,122	P71,044,352	P55,857,133	P72,864,259	P102,410,961	P181,569,219

^a Subprovince of Ilocos Sur.^b See Mindanao and Sulu (Moro).^c Subprovince of Agusan.^d Subprovince of Capiz.

NOTE.—One cavan of arroz (cleaned rice) weighs an average of 57.5 kilos. About 2.05387 cavans of palay weighing 90.357 kilos produce one cavan of arroz. One cavan of palay weighs an average of 44 kilos.

TABLE No. 17.—*Estimated consumption of rice in the Philippine Islands, 1903-1919.*

Year ended—	Production.			Imports.	Consumption.	
	Total.	Exports.	Net produc- tion for con- sumption.		Total.	Per capita.
June 30:	Kilos.	Kilos.	Kilos.	Kilos.	Kilos.	Kilos.
1903	a 321,038,032	-----	321,038,032	216,403,000	537,441,032	70.4
1910	528,054,408	-----	528,054,408	184,620,000	712,674,408	82.2
1911	574,842,688	-----	574,842,688	203,083,000	777,925,688	88.1
1912	325,423,092	5,748	325,423,344	260,249,653	585,672,997	65.1
1913	685,968,024	1,785	685,966,239	179,204,906	865,171,145	94.4
1914	636,630,792	35,729	636,595,063	81,788,027	718,383,090	77.0
1915	498,917,735	17,142	498,900,593	175,541,102	674,441,695	70.1
1916	584,608,193	33,370	584,574,823	183,016,243	767,591,071	79.4
1917	791,748,073	221,453	791,526,620	179,912,493	971,439,113	98.7
1918	1,002,262,030	47,542	1,002,214,488	159,130,511	1,161,344,999	116.0
1919	c 919,272,280	296,821	918,975,459	148,724,258	1,067,699,717	b 104.8

^a Production is taken from Census 1903. Production for 1910 to 1919 is from the Bureau of Agriculture.^b At 57.5 kilos a cavan, the per capita consumption of rice for 1919 is 1.8 cavans or .37 liter a day.^c Estimate of Bureau of Agriculture.

TABLE No. 18.—Estimated consumption of rice, by provinces, during the years ended June 30, 1916–1918.

Provinces.	1916			1917			1918		
	Production.	Estimated consumption.	Surplus(+) or shortage(—).	Production.	Estimated consumption.	Surplus(+) or shortage(—).	Production.	Estimated consumption.	Surplus(+) or shortage(—).
	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)	<i>Cavans.</i> (a) (b)
Abra	221	221	—	131,068	115,780	15,288	174,458	137,300	37,158
Agusan	182,160	410,235	—	16,245	106,030	89,785	17,100	125,760	108,660
Albay	170,872	411,435	—	280,927	519,040	238,113	339,658	615,520	334,808
Ambos Camarines	217,902	224,485	—	261,077	520,565	259,488	339,658	617,320	277,662
Antique	96,931	71,980	+	223,485	60,545	160,940	114,164	336,820	78,377
Bataan	221	221	—	707,070	91,070	16,000	114,164	108,000	6,164
Batanes	227,924	402,490	—	11,964	15,430	15,188	251	18,320	18,069
Batangas	153,709	432,355	—	274,256	509,255	234,999	335,984	608,900	267,916
Bohol	602,688	352,800	+	270,466	547,045	276,579	359,719	648,720	289,001
Bukidnon	212,069	270,190	—	1,289	103,285	102,026	1,480	122,520	121,040
Bulacan	505,069	495,710	+	756,835	446,365	310,470	797,511	529,360	268,151
Cagayan	200,826	221,145	—	236,324	341,860	105,536	178,134	405,400	227,266
Capiz	36,286	1,022,150	—	678,811	509,740	169,071	747,794	604,500	143,294
Cavite	187,518	246,290	—	401,393	279,795	121,598	426,094	331,780	94,314
Cebu	323,542	671,855	—	43,797	1,293,265	1,249,468	90,585	1,533,660	1,443,075
Cotabato	104,579	89,230	+	9,050	173,505	164,455	5,889	205,740	199,851
Davao	325,806	331,435	—	50,966	136,280	144,314	49,924	231,580	181,656
Ilocos Norte	187,518	246,290	—	610,382	329,455	280,927	708,951	390,700	318,251
Ilocos Sur	187,518	246,290	—	244,277	303,560	59,283	312,117	360,000	47,883
Iloilo	187,518	246,290	—	1,042,344	808,185	234,159	1,254,198	958,400	295,798
Isabela	187,518	246,290	—	15,330	175,445	160,115	13,736	208,040	194,304
Laguna	187,518	246,290	—	251,667	311,610	59,943	313,111	369,540	56,429
Lanao	187,518	246,290	—	29,691	141,415	111,724	24,672	167,700	143,028
La Union	187,518	246,290	—	392,492	263,730	128,762	461,015	312,780	148,235
Leyte	187,518	246,290	—	329,241	860,065	520,814	332,375	1,008,060	676,685
Mindanao and Sulu (Moro)	187,518	246,290	—	83,561	113,290	29,729	96,186	134,360	39,174
Mindoro	187,518	246,290	—	39,476	314,680	275,204	97,948	373,180	275,232
Misamis	187,518	246,290	—	191,344	688,225	496,881	342,072	816,140	474,068
Mountain	187,518	246,290	—	1,812,676	298,515	1,514,161	2,441,154	354,000	2,087,154
Nueva Ecija	187,518	246,290	—	71,282	61,585	9,697	88,095	78,040	10,055
Nueva Vizcaya	187,518	246,290	—	381,942	735,700	353,758	407,675	872,460	464,785
Occidental Negros	187,518	246,290	—	32,227	471,145	438,918	45,925	568,720	512,795
Oriental Negros	187,518	246,290	—	54,498	115,710	61,217	29,602	137,220	107,618
Palawan	187,518	246,290	—	692,535	479,810	212,725	806,524	569,000	237,524
Pampanga	187,518	246,290	—	88,558	950,510	861,952	2,797,438	1,227,200	1,570,238
Pangasinan	187,518	246,290	—	1,831,845	320,720	3,780	423,872	380,340	43,532
Rizal	187,518	246,290	—	316,940	320,720	3,780	423,872	380,340	43,532

Romblon	(c)	95,354	(c)	361,316	138,518	117,460	117,460	65,046	139,280	74,234
Samar	(c)	86,040	(c)	196,250	110,611	577,795	439,277	175,577	685,200	509,823
Sorsogon	(b)	85,305	(b)	79,880	129,415	357,170	246,559	143,129	423,580	280,451
Sulu	(b)	614,389	(b)	378,864	645,100	196,395	196,395	1,441	232,900	231,459
Surigao	(b)	191,663	(b)	165,052	278,777	208,990	79,575	100,813	247,840	147,027
Tarlac	(b)	179,917	(b)	24,572	256,664	298,000	347,100	1,047,205	353,400	693,805
Tayabas	(b)	373,855	(b)	373,855	43,440	451,325	172,548	332,551	535,240	202,689
Zamboanga	(b)	10,167,106	(b)	13,343,910	13,769,541	196,550	60,114	345,575	233,080	112,495
City of Manila	(b)	10,167,106	(b)	13,343,910	13,769,541	221,825	178,385	45,741	263,080	217,389
Total		10,167,106		13,343,910	13,769,541	473,015	473,015	17,430,644	560,920	560,920
				-3,176,804	16,883,210	-3,113,569	-3,113,569	20,021,600	-2,590,956	-2,590,956

^a See Ilocos Sur.

^b See Mindanao and Sulu (Moro).

^c See Capiz.

NOTE.—The estimated consumption in this table is based on the per capita consumption for the corresponding year in Table No. 17.

Romblon	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Samar	18,901,124	14,938,828	13,385,746	13,297,980	8,108,458	11,420,265	12,697,899	17,418,456	560,288
Sorsogon	24,488,629	20,651,884	20,177,765	23,331,195	26,376,377	25,545,769	29,841,202	25,128,934	17,262,891
Sulu	(a)	(a)	(a)	(a)	(a)	(a)	(a)	25,128,934	25,936,648
Surigao	3,913,151	2,713,235	3,767,112	2,627,695	2,144,905	2,982,104	2,744,924	5,553,734	5,812,093
Tarlac									
Tayabas	9,559,290	1,725,080	1,908,727	1,557,832	1,318,375	1,572,714	1,582,560	1,534,476	1,819,577
Zamboanga	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1,930,801	2,439,379
Total	168,452,142	171,879,598	159,473,376	140,520,332	137,635,563	154,192,492	152,756,278	160,953,355	166,863,644
Total value	P26,952,343	P27,500,736	P28,705,208	P32,319,676	P29,968,009	P50,420,742	P42,767,339	P63,598,136	P92,493,224

^a See Mindanao and Sulu (Moro).

^b See Agusan.

^c Subprovince of Capiz.

NOTE.—One picul equals 63.25 kilos. One metric ton (M. T.), equals 1,000 kilos.

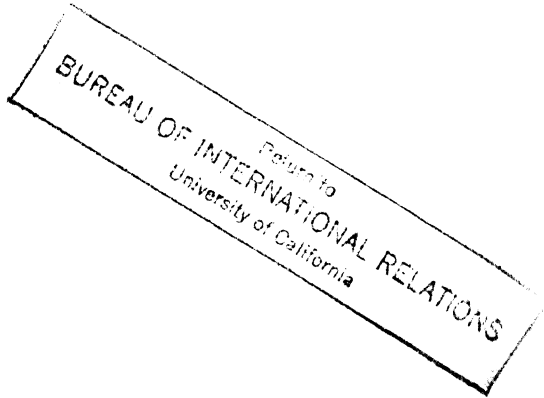


TABLE No. 20.—*Abaca or Manila hemp inspected and graded, by districts of production and standard grades, during the years, 1915–1919.*

[Source: Bureau of Agriculture.]

Provinces or districts.	1915	1916	1917	1918	January 1 to June 30—	
					1918	1919
	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>
Albay	29,455,379	28,956,230	27,088,837	30,300,798	15,988,209	10,220,442
Ambos Camarines	12,804,204	18,894,040	11,865,574	14,640,604	7,400,630	5,591,047
Cavite	1,437,799	1,137,615	1,604,652			
Cebu	1,236,031	1,255,133	2,107,996	1,407,945	844,640	389,748
Leyte	33,794,096	37,982,510	46,037,640	43,697,401	23,285,740	18,433,834
Mindanao (North)	11,756,910	12,280,234	19,971,441	18,685,821	8,716,862	7,087,036
Mindanao (South)	4,341,480	6,145,876	10,319,870	13,535,121	6,124,624	7,031,249
Mindoro	1,051,468	1,543,426	1,954,299			978,983
Negros						1,592,760
Samar	12,048,113	16,241,588	17,714,554	15,596,983	8,283,473	6,700,073
Sorsogon	15,606,811	17,403,617	16,418,561	20,269,601	10,159,721	8,876,757
Tayabas	1,199,979	1,516,482	592,905			
All others	3,171,734	5,228,119	7,142,823	9,092,820	5,216,354	1,897,501
Total	127,934,004	148,594,870	163,419,152	167,167,094	86,020,253	68,799,490

STANDARD GRADES.^a

A, Extra prime	1,224,267	996,613	1,148,620	8,892	8,602	2,026
B, Prime	2,253,598	1,336,433	2,014,882	63,828	82,890	71,092
C, Superior current	4,341,869	2,642,838	6,439,735	1,021,108	686,540	316,238
D, Good current	7,230,867	4,109,985	9,828,418	1,711,872	3,226,129	1,056,022
E, Midway	14,623,400	9,656,125	18,388,166	11,708,840	8,342,043	2,958,455
S-1, Streaky No. 1	2,698,877	1,829,190	2,013,121	1,707,370	857,290	1,140,399
S-2, Streaky No. 2	2,943,782	3,871,351	4,680,247	4,813,578	2,712,540	2,293,444
S-3, Streaky No. 3	1,135,464	1,217,310	3,224,612	3,065,475	1,558,227	1,892,068
F, Current	18,804,225	16,122,000	27,459,044	24,024,374	15,105,997	5,890,725
G, Seconds	5,061,138	6,398,767	5,271,634	6,341,132	2,940,493	3,482,419
H, Brown	3,167,946	3,317,715	2,963,010	3,997,653	1,818,690	2,096,358
I, Good fair	13,331,698	16,633,359	18,792,687	24,342,268	12,984,340	8,567,718
J, Fair	17,500,607	25,900,748	20,533,447	49,853,244	20,607,356	23,024,771
K, Medium	5,915,013	10,054,347	7,494,493	13,649,350	5,841,643	7,632,758
L, Coarse	b 16,625,389	24,669,777	14,401,645	9,999,445	5,009,274	4,898,206
M, Coarse brown	c 3,297,388	8,434,387	5,554,615	3,627,641	1,976,562	1,655,378
DL, Daet coarse		6,546,249	6,073,139	3,915,227	464,508	326,371
DM, Daet coarse brown		2,677,246	3,187,420	373,302	210,623	248,826
O, Fine strings; T, Tow; and Y, Damaged		3,620,430	3,600,317	2,936,065	1,634,506	1,257,156
Total	127,934,004	148,594,870	163,419,152	167,167,094	86,020,253	68,799,430

^a The standard abaca or Manila hemp grades (see Act No. 2380) are divided into five groups, according to the cleaning of the fiber, as follows:

Group I includes grades A to S-3, inclusive. This group embraces fiber of *Excellent cleaning*, which can be strictly termed as pure fiber, although it has a tendency of being sometimes slightly strippy in the grades E, S-2 and S-3.

Group II includes grades F to H, inclusive. This group embraces fiber of *Good cleaning*, which is slightly strippy, but which for all practical purposes, can be used as pure fiber.

Group III includes grades I to K, inclusive. This group embraces fiber of *Fair cleaning*, and which is distinctly strippy, and consequently of a harsh texture and "bold" size.

Group IV includes grades L to M, inclusive. This group embraces fiber of *Coarse cleaning*, or coarse strips.

Group V includes grades DL to Y, inclusive. This group embraces *Woody fiber* (DL and DM), *Waste fiber*, (O, OO, and T), or *Damaged fiber* (Y).

^b Daet coarse included.

^c Daet coarse brown included.

TABLE No. 21.—*Sugar production, by provinces, from 1910 to 1918.*

[Source : Bureau of Agriculture.]

Provinces.	Year ended June 30—								
	1910	1911	1912	1913	1914	1915	1916	1917	1918
	Kilos. (b)	Kilos. (b)	Kilos. (b)	Kilos. (b)	Kilos. (b) (c)	Kilos. (b) (c)	Kilos. (b) (c)	Kilos. (b) (c)	Kilos. (b) (c)
Abra.....		3,605							82,062
Agusan.....	72,484	157,999						18,330	1,000
Albay.....	194,873	331,493	20,212	300			132,445	29,286	312,147
Ambo Camarines.....	3,364,015	4,232,943	5,421,965	6,527,605	4,404,640	4,581,682	4,706,417	4,368,233	7,093,651
Antique.....	473,805	396,957	361,942	633,310	581,204	964,611	1,137,082	1,232,995	1,446,721
Bataan.....									
Batanes.....									
Batangas.....	12,077,903	15,194,358	28,032,139	20,534,268	22,006,335	22,497,292	22,174,371	30,422,222	56,647,558
Bohol.....	122,768	303,537	480,295	295,487	208,959	568,173	763,851	1,007,300	799,032
Bukidnon.....									
Bulacan.....	3,443,457	5,401,297	1,382,579	5,731,800	7,417,812	8,165,145	7,287,917	8,684,217	7,200,096
Cagayan.....	136,241	24,604							
Capiz.....	425,609	1,069,368	2,539,085	2,228,456	5,791,582	7,065,826	7,697,828	5,519,787	4,702,645
Cavite.....	1,576,558	2,940,493	1,512,216	2,743,296	2,774,935	3,424,089	2,889,646	4,089,101	4,805,901
Cebu.....	2,087,792	4,836,981	8,103,620	6,027,951	9,912,686	9,065,856	12,339,318	11,218,228	7,790,623
Cotabato.....									
Davao.....									
Ilocos Norte.....	2,621,170	4,117,891				1,080		91,006	543,116
Ilocos Sur.....	6,395,587	8,430,339	3,131,648	5,082,216	5,693,866	6,271,780	7,114,575	7,911,141	9,015,301
Iloilo.....	7,873,673	11,574,434	21,451,096	30,885,789	34,354,667	35,155,894	32,480,252	29,960,823	24,594,929
Isabela.....	30,043								
Laguna.....	1,510,410	1,894,274	2,077,303	2,094,709	4,461,851	9,170,487	9,785,700	10,091,500	11,015,000
Lanao.....									
La Union.....	1,577,076	1,898,639	378,662	431,262	2,685,741	2,116,580	2,208,588	10,160	45,560
Leyte.....	686,516	1,094,731	2,477,475	637,490	1,599,478	2,317,800	4,129,912	2,519,456	2,176,854
Mindanao and Sulu (Moro).....	102,465	288,167	30,200	493,340	63,720	405	702	4,757,695	1,080,700
Mindoro.....	11,195	12,903	12,213	53,758	1,154,444	1,618,314	3,515,360	3,494,068	6,005,875
Misamis.....	45,820	47,817	11,085		123,990	41,500	45,500	58,953	8,015
Mountain.....	143,831	133,964	38,472	25,808	62,187	53,160	43,520	168,384	258,062
Nueva Ecija.....	635,978	1,040,968	1,094,667	1,391,411	3,456,147	2,965,538	3,018,614	3,019,713	2,337,597
Nueva Vizcaya.....	39,075	118,720					632	7,396	15,000
Occidental Negros.....	61,556,860	94,413,401	105,518,737	112,098,461	148,068,755	150,300,918	150,707,537	145,593,997	142,819,937
Oriental Negros.....	3,052,825	4,370,385	3,673,904	8,573,395	12,133,258	10,212,623	12,514,435	7,278,406	7,446,098
Palawan.....	3,795	8,795		1,391					
Pampanga.....	28,732,198	63,572,765	36,784,293	58,810,286	62,725,878	65,275,687	52,443,666	61,598,041	74,553,976

Pangasinan	2,235,129	4,595,935	1,699,446	3,281,686	2,414,255	4,282,923	1,475,091	2,930,900	4,448,534
Iloilo	1,919,321	2,634,155	428,722	1,443,661	1,213,357	1,441,432	1,627,149	2,350,920	2,221,940
Romblon	(e)	(*)	(e)	(e)	(*)	(*)	(*)	(e)	
Samar	545,342	308,470	8,709	33,207	110,242		22,423	49,400	27,620
Sorsogon	461,219	738,697	903	(c)	(c)	(c)	(c)	3,130	2,700
Sulu	(c)	(c)	(c)	(c)	(c)	(c)	(c)		
Surigao	26,881	121,440	9,009						
Tarlac	7,824,983	5,129,891	15,569,097	21,102,842	13,015,303	12,493,464	9,710,852	13,376,576	16,460,199
Tayabas	958,111	1,157,538	10,047	118,305	228	6,099	270,900	276,770	166,847
Zambales	170,269	331,620	74,918	53,835	44,036	116,951	37,663	194,600	105,400
Zamboanga	(c)	(e)	(c)	(c)	(c)	(c)	(c)	4,350	13,090
Total	152,639,327	243,924,574	242,334,659	291,386,825	346,429,556	360,176,309	350,281,946	362,338,084	396,242,786
Total value	P15,263,933	P24,392,457	P24,333,466	P23,310,946	P26,085,568	P30,796,521	P31,283,763	P35,525,049	P36,241,529

* Quantities and values of *panochas*, *basi*, and molasses are not included.

b Subprovince of Ilocos Sur.

c See Mindanao and Sulu (Moro).

d Part of Agusan.

e Subprovince of Capiz.

Part to
BUREAU OF INTERNATIONAL RELATIONS
University of California

Occidental Negros.....	616,693	12,432,528	1,367,578	649,785	10,411,525	1,353,226	817,101	13,998,457	2,233,206
Oriental Negros.....	581,659	12,213,708	2,135,225	1,077,024	22,399,934	2,639,030	1,360,305	26,064,335	3,949,814
Palawan.....	129,393	2,442,944	233,153	195,560	2,512,977	204,936	250,151	6,669,673	1,338,384
Pampanga.....	2,586						4,455		
Pangasinan.....	1,001,517	37,016,056	2,313,503	973,152	35,634,124	3,007,828	1,118,279	26,152,587	3,905,690
Rizal.....	431						4,090		
Romblon.....	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
Samar.....	3,499,029	75,439,055	3,269,026	3,589,990	83,365,418	10,219,765	3,731,418	95,366,119	16,072,013
Sorsogon.....	1,481,255	38,453,360	6,056,404	1,565,442	47,353,346	5,364,947	1,624,233	52,770,724	8,906,650
Sulu.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Surigao.....	408,869	11,268,400	1,727,821	483,460	12,959,252	1,603,456	502,597	5,447,281	1,181,135
Tarlac.....	14,973	215,610		16,442	22,075		19,403	54,497	
Tayabas.....	5,551,902	162,559,680	32,918,330	6,730,317	173,272,108	25,921,837	6,997,557	179,475,262	34,255,316
Zambales.....	58,147	1,130,364	70,082	130,497	1,472,048	33,068	182,168	568,169	34,725
Zamboanga.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Total.....	32,838,544	937,927,927	125,140,822	41,695,165	965,155,699	118,323,114	46,136,349	1,041,181,904	174,035,835
Total value.....		P28,137,838	P18,771,123		P28,954,671	P17,748,467		P31,235,457	P29,586,092

^a Subprovince of Ilocos Sur.^b See Mindanao and Sulu (Moros).^c See Agusan.^d Subprovince of Capiz.

TABLE No. 22.—Coconut and copra production, by provinces, from 1910 to 1918—Continued.

Provinces.	Year ended June 30—					
	1913			1914		
	Number of trees.	Number of nuts.	Copra. Kilos.	Number of trees.	Number of nuts.	Copra. Kilos.
Abra.....	(a) 143, 279	(a) 1, 346, 720	(a) 321, 792	(a) 3, 894, 396	(a) 64, 477, 772	(a) 9, 847, 229
Agusan.....	3, 502, 093	63, 890, 107	8, 400, 546	(b) 1, 923, 006	(b) 25, 119, 150	(b) 4, 519, 415
Albay.....	1, 872, 290	29, 870, 140	4, 221, 758	3, 350, 056	57, 282	99, 756
Ambos Camarines.....	324, 479	414, 639	55, 908	22, 466	34, 283	15, 971
Antique.....	19, 611	4, 911	.....	21, 002	86, 064	3, 785
Bataan.....	20, 893	30, 635	.....	406, 361	2, 774, 390	551, 304
Batanes.....	362, 800	2, 686, 600	453, 031	1, 687, 817	19, 883, 732	4, 354, 341
Batangas.....	1, 711, 541	17, 383, 420	3, 049, 551	(c) 14, 565	(c) 8, 130	(c) 16, 540
Bohol.....	2, 981	29, 490	.....	71, 024	264, 362	142, 171
Bukidnon.....	96, 907	790, 546	.....	2, 919, 227	23, 635, 701	3, 123, 908
Bulacan.....	2, 498, 167	41, 177, 720	6, 007, 883	79, 131	743, 240	139, 476
Capiz.....	153, 051	964, 100	5, 146, 225	2, 878, 234	30, 900, 992	3, 785, 906
Cavite.....	3, 012, 660	32, 947, 522	5, 145, 647	(b) 36, 724	(b) 72, 556	(b) 40, 023
Cebu.....	(b) 25, 581	(b) 76, 133	(b) 143, 670	98, 532	743, 996	88, 597
Cotabato.....	84, 137	1, 095, 039	.....	965, 069	4, 279, 003	668, 924
Davao.....	920, 149	5, 186, 445	567, 357	2, 237	12, 800	1, 278, 143
Ilocos Norte.....	1, 430	15, 657	.....	4, 676, 835	64, 736, 565	5, 759, 564
Ilocos Sur.....	4, 494, 226	92, 623, 210	9, 558, 478	(b) 112, 660	(b) 1, 455, 432	(b) 110, 067, 116
Iloilo.....	(b) 109, 856	(b) 1, 375, 025	(b) 143, 670	2, 201, 984	26, 610, 566	1, 029, 566
Laguna.....	2, 198, 158	38, 094, 801	4, 973, 007	4, 334, 345	67, 722, 900	2, 657, 925
La Union.....	3, 805, 276	90, 842, 321	14, 773, 560	663, 292	2, 016, 894	4, 674, 291
Leyte.....	670, 024	2, 062, 138	226, 420	3, 684, 054	29, 769, 127	3, 853, 629
Mindanao and Sulu (Moro).....	1, 779, 366	39, 764, 003	6, 298, 603	15, 610	42, 475	14, 382
Mindoro.....	17, 010	297, 097	13, 795	15, 748	23, 292	21, 453
Mountain.....	11, 347	40, 094	.....	3, 702	43, 543	27, 903
Nueva Ecija.....	4, 453	26, 551	.....	804, 067	5, 239, 747	3, 968
Nueva Vizcaya.....	856, 979	8, 049, 192	1, 454, 810	1, 462, 758	14, 894, 444	8, 808, 450
Oriental Negros.....	1, 717, 157	16, 010, 129	2, 572, 534	234, 297	2, 958, 300	751, 135
Palawan.....	235, 839	7, 226, 226	1, 325, 071	8, 063	10, 271	1, 589, 556
Pampanga.....	730, 124	8, 455, 103	1, 096, 149	821, 085	8, 968, 910	2, 783, 930
Pangasinan.....	.....	.....	.....	821, 085	8, 968, 910	2, 783, 930

Provinces.	1916				1917			1918		
	Number of trees.	Number of nuts.	Copra.	Kilos.	Number of trees.	Number of nuts.	Copra.	Number of trees.	Number of nuts.	Kilos.
Abra	(a)	(a)	(b)	(b)	3,918	21,047	196	4,298	25,413	
Agusan	(b)	(b)	(b)	(b)	504,863	6,104,283	1,515,131	635,801	20,996,430	5,477,182
Albay	3,860,990	60,258,564	10,103,430		7,014,076	79,607,330	15,587,139	4,201,982	92,650,014	16,895,402
Ambo	2,661,841	44,552,446	8,364,890		2,191,074	24,968,322	4,256,454	2,343,595	29,319,486	5,658,951
Antique	361,996	789,062	120,030		335,510	1,476,866	300,077	419,992	2,738,748	547,185
Bataan	23,004	17,593			20,294	35,683		23,432	113,914	
Batanes	21,960	70,676	4,567		25,487	61,890	3,807	23,840	97,057	3,700
Batangas	4,351,267	4,498,690	886,247		360,627	3,327,362	676,097	568,782	4,818,754	616,011
Bohol	2,051,913	28,080,766	5,452,926		2,096,033	35,649,372	8,360,569	2,364,182	55,882,807	12,803,089
Bukidnon	(b)	(b)						70		
Bulacan	18,846	18,900			19,203	22,430		21,368	29,880	
Cagayan	143,690	570,589			74,330	422,026		98,994	943,100	
Capiz	3,233,006	28,389,509	4,823,530		3,190,743	44,516,331	10,528,594	1,919,437	34,769,927	7,411,903
Cavite	157,989	1,036,560	106,775		111,964	1,013,391	81,750	1,351,150	71,979,636	148,500
Cebu	3,878,688	44,763,687	7,970,594		4,299,405	44,763,687	7,970,594	5,093,015	17,979,636	13,276,740
Cotabato	(b)	(b)	(b)		59,572	734,580	136,597	70,000	1,388,584	321,271
Davao	(b)	(b)	(b)		744,371	2,871,851	492,671	1,014,742	2,705,566	542,074
Ilocos Norte	41,500	194,324			52,110	170,872		52,603	233,944	
Ilocos Sur	76,860	214,951	7,051		85,821	318,167	25,000	119,936	1,316,697	94,514
Iloilo	1,036,301	5,820,532	789,020		1,006,639	7,663,128	1,211,514	1,134,724	12,941,872	2,476,085
Isabela	2,297	17,330			2,442	21,164	57	4,127	28,760	
Laguna	4,919,924	85,919,088	15,710,508		5,065,772	100,921,681	18,204,849	6,691,705	245,923,464	52,433,125
Laos	(b)	(b)	(b)		74,667	1,335,065	179,089	102,400	1,769,855	305,239
La Union	126,841	1,283,278	110,234		178,272	1,468,070	152,071	1,861,889	157,579	
Leyte	2,435,691	29,869,058	4,845,983		2,649,770	40,070,776	7,081,429	2,720,682	52,001,510	9,080,476
Mindanao and Sulu (Moro)	4,667,509	78,951,220	14,194,902		808,746	3,125,290	599,433	759,730	2,853,381	651,200
Mindoro	640,404	3,772,265	645,560		4,764,683	71,500,198	16,577,439	5,254,423	87,816,049	20,736,249
Misamis	3,675,591	49,176,760	8,955,581		17,108	68,263	3,828	21,127	74,514	
Mountain	10,139	12,673			33,677	47,993		36,157	66,066	
Nueva Ecija	16,851	25,989			4,579	13,606		31,843	31,843	
Nueva Vizcaya	10,515	9,297			890,566	9,110,741	1,929,272	901,420	12,547,101	2,702,812
Occidental Negros	810,703	8,511,028	1,471,660		1,472,467	24,616,560	5,498,665	1,696,109	32,802,959	7,662,919
Oriental Negros	1,509,862	20,830,047	4,895,289		320,965	3,211,576	637,443	366,320	5,441,780	1,098,290
Palawan	216,227	4,359,651	932,329		922,900	9,681,632	1,713,739	10,335	14,492,690	2,025,327
Pampanga					13,093	260		1,107,881	14,492,690	2,025,327
Pangasinan	900,482	10,542,114	1,942,598					1,107,881	14,492,690	2,025,327
Rizal	30,993	150						12,266	300	

Pangasinan	2,107,080	2,098,106	3,089,076	7,272,189	5,765,156	3,293,310	3,111,301	4,411,698	11,799,206
Rizal	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	6,618
Romblon	68,420	99,958	225,069	235,911	230,641	127,160	117,201	165,975	114,418
Samar	15,272	35,420	36,300	142,696	110,965	131,530	28,101	97,643	111,604
Sorsogon	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	118,839
Sulu	24,350	37,444	23,468	72,854	45,845	63,062	37,458	101,136	157,366
Surigao	---	66,872	133,534	70,062	59,232	135,790	133,289	155,221	262,007
Tarlac	---	162,426	23,230	65,706	32,926	41,691	81,080	67,802	69,239
Tayabas	90,544	---	---	7,994	5,587	11,389	22,463	17,372	22,173
Zambales	2,484	(b)	(b)	(b)	(b)	(b)	(b)	56,650	11,800
Zamboanga	---	---	---	---	---	---	---	---	---
Total	28,006,778	25,518,132	29,543,169	46,060,390	46,731,463	38,302,964	41,139,174	48,928,621	61,555,322
Total value	P7,561,830	P6,889,896	P7,987,456	P12,436,305	P7,109,867	P5,684,579	P7,259,169	P10,888,523	P15,219,155

^a Subprovince of Ilocos Sur.

^b See Mindanao and Sulu (Moro).

^c Subprovince of Agusan.

^d Subprovince of Capiz.

NOTE.—One quintal equals 46 kilos, or 100 pounds (Spanish). One metric ton (M. T.) equals 1,000 kilos.

BUREAU OF INTERNATIONAL RELATIONS
University of California

TABLE No. 24.—*Corn production, by provinces, from 1910 to 1918.*

[Source : Bureau of Agriculture.]

Provinces.	Year ended June 30—								
	1910	1911	1912	1913	1914	1915	1916	1917	1918
	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)	<i>Cavans.</i> (a)
Abra.....	16,156	2,844	4,205	2,778	(b)	(b)	(b)	117,300	151,668
Agusan.....	26,832	6,734	11,579	17,732	9,699	44,628	28,583	20,895	53,383
Albay.....	53,608	3,559	7,734	11,952	21,091	44,912	55,487	24,722	11,769
Ambos Camarines.....	33,793	6,731	10,241	12,984	12,425	26,652	16,777	53,421	17,059
Antique.....	18,406	5,907	1,187	4,687	4,888	4,563	5,407	19,384	45,826
Bataan.....		887	507	1,078	1,604	1,452	1,971	5,088	6,656
Batanes.....	124,523	38,241	54,959	109,168	68,839	70,062	103,455	109,418	163,416
Barangas.....	350,814	63,175	100,895	124,735	212,679	264,925	194,515	116,207	188,758
Bohol.....	(c)	(c)	(c)	(c)	(b)	(b)	(b)	760	360
Bukidnon.....	65,457	29,499	39,822	65,385	34,338	56,689	62,769	69,310	121,285
Bulacan.....	304,788	185,020	292,054	408,034	388,169	388,169	404,594	388,426	251,827
Cagayan.....	58,403	35,267	19,039	70,944	42,489	56,202	59,994	62,037	43,467
Capiz.....	22,408	12,741	8,757	15,456	12,235	7,504	8,767	10,626	25,572
Cavite.....	2,319,673	986,844	1,839,184	1,695,525	2,718,532	2,862,979	2,371,826	2,204,984	1,607,920
Cebu.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	134	163
Cotabato.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	182	4,941
Davao.....	202,963	17,063	103,434	69,728	26,131	40,015	61,127	63,291	58,158
Ilocos Norte.....	267,824	37,709	43,784	91,308	94,278	101,007	159,823	88,950	99,872
Ilocos Sur.....	144,354	46,676	73,603	73,603	57,548	67,129	129,007	123,624	125,309
Iloilo.....	164,519	206,673	191,372	359,548	459,270	430,978	410,220	331,543	265,821
Isabela.....	45,424	8,245	9,933	28,552	18,911	13,240	15,742	18,531	30,121
Laguna.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	7,056	5,754
Lanao.....	28,905	8,562	10,353	14,844	16,838	26,983	30,644	35,039	51,137
La Union.....	362,850	151,914	156,225	209,725	338,823	392,390	324,118	338,998	254,013
Levite.....	40,467	6,727	48,394	45,960	149,990	137,425	112,542		
Mindanao and Sulu (Moro)	7,004	4,579	3,303	4,350	6,550	7,033	6,314	5,738	5,060
Mindoro.....	41,088	30,687	112,892	144,875	170,421	179,870	206,795	233,663	233,161
Misamis.....	21,773	10,978	21,835	88,772	87,752	84,354	100,219	81,798	67,360
Mountain.....	55,305	17,254	8,576	32,058	23,210	39,057	30,545	39,931	59,377
Nueva Ecija.....	2,134	3,326	2,683	2,683	919	1,396	2,744	2,727	1,985
Nueva Vizcaya.....	77,308	86,250	147,700	229,242	220,565	212,078	232,306	206,080	206,080
Occidental Negros.....	618,393	269,599	190,336	127,659	753,496	953,602	1,173,601	947,218	506,913
Oriental Negros.....	303,335	2,905	2,905	4,482	11,326	11,522	11,808	15,287	20,000
Palawan.....	4,987	1,860	2,905	4,482	38,620	45,805	70,588	68,846	133,969
Pampanga.....	57,577	39,713	20,564	35,024	215,720	150,864	153,853	174,927	154,913
Pangasinan.....	486,143	92,567	100,130	125,245	215,720	150,864	153,853	174,927	154,913
Rizal.....	23,595	10,648	11,183	25,354	20,885	12,514	13,253	14,636	9,785

Rambien	(d)	211,672	(d)	15,495	(d)	29,026	(d)	14,821	(d)	34,066	(d)	30,143	(d)	34,809	(d)	17,933
Sarangani	(b)	119,327	(b)	10,286	(b)	45,781	(b)	14,167	(b)	36,885	(b)	34,148	(b)	35,584	(b)	51,325
Sulu																40,286
Surigao		45,606		27,593		50,364		43,599		53,065		65,823		63,434		2,600
Tarlac		17,803		5,721		18,635		4,808		16,176		11,468		24,877		67,231
Tayabas		27,007		6,497		30,679		15,242		20,547		32,700		42,004		31,745
Zamboanga	(b)	7,727	(b)	969	(b)	1,932	(b)	2,719	(b)	8,133	(b)	4,997	(b)	4,994		43,864
														80,850		11,350
Total		6,709,131		2,485,395		3,656,199		6,266,143		6,908,358		6,616,945		6,315,454		49,658
Total value		P23,549,050		P8,723,740		P12,868,359		P15,873,804		P16,067,658		P14,723,962		P17,639,800		5,295,704
																P21,018,648

^a Subprovince of Ilocos Sur.

^b See Mindanao and Sulu (Moro).

^c Subprovince of Agusan.

^d Subprovince of Capiz.

TABLE No. 25.—*Maguey production, by provinces, from 1912 to 1918.*¹

[Source: Bureau of Agriculture.]

Provinces.	Year ended June 30—						
	1912	1913	1914	1915	1916	1917	1918
	Kilos. (a)	Kilos. (a)	Kilos. (a) (b)	Kilos. (a) (b)	Kilos. (a) (b)	Kilos. (a) (b)	Kilos.
Abra							
Agusan							
Albay							
Ambos Camarines							
Antique	6,401	2,646	4,156	12,300	17,900	21,980	26,318
Bataan							
Batanes							
Batangas							
Bohol	148,014	200,012	473,228	8,000	700	575	1,000
Bukidnon	(c)	(c)	(b)	(b)	1,030,300	1,453,683	1,501,163
Bulacan							
Cagayan	9,442	4,714	8,855	9,646	11,900	17,100	9,900
Capiz				2,700	3,450	3,900	3,520
Cavite							
Cebu	1,801,055	1,326,190	2,325,769	2,156,315	4,263,984	6,924,241	7,123,996
Cotabato	(b)	(b)	(b)	(b)	(b)	600	500
Davao	285,467	497,567	504,262	621,329	1,605,808	1,776,538	1,640,643
Ilocos Norte	2,032,447	1,101,753	3,597,794	1,990,182	4,823,994	5,236,207	4,750,639
Ilocos Sur						95	370
Iloilo							
Isabela							
Laguna	(b)	(b)	(b)	(b)	(b)		
Lanao							
La Union	29,477						
Levite							
Mindanao and Sulu (Moro)							
Mindoro		128,757					
Misamis		316					
Mountain		632					
Nueva Ecija							
Nueva Vizcaya							
Occidental Negros	3,670	14,515	15,328	25,800	15,880	34,564	37,372
Oriental Negros	26,317	21,591	32,461	48,139	68,008	98,663	143,761
Palawan		370					
Pampanga							
Pangasinan	202,888	313,720	496,805	506,089	1,148,712	1,123,108	899,827
Rizal		759	1,265	4,800	1,500	4,800	3,860

Romblon	(a)	(d)	(d)	(d)	(d)	(d)
Samar	1,778	1,043	278	1,000	800	2,400
Sorsogon	(b)	(b)	(b)	2,300	10,554	11,730
Sulu				(b)		
Surigao				900		
Tarlac					515	1,050
Tayabas	10,580			9,300	7,840	2,400
Zambales	70,795	5,391	9,569	22,082	24,209	35,177
Zamboanga	(b)	(b)	(b)	(b)	(b)	26,500
Total	4,628,331	3,619,976	7,583,802	6,315,632	13,389,722	17,190,019
Total value	P555,400	P470,597	P860,754	P622,587	P1,747,263	P3,363,381

¹ No data available previous to 1912. ^a Subprovince of Ilocos Sur. ^b See Mindanao and Sulu (Moro). ^c Subprovince of Agusan. ^d Subprovince of Capiz.

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TABLE No. 26.—*Coffee production, by provinces, from 1912 to 1918.*

[Source: Bureau of Agriculture.]

Provinces.	Year ended June 30—					
	1912	1913	1914	1915	1916	1917
	Kilos. (a)	Kilos. (a)	Kilos. (a) (b)	Kilos. (a) (b)	Kilos. (a) (b)	Kilos. (a) (b)
Abra.....						57
Agusan.....						850
Albay.....	1,628	634	14,205	15,949	17,290	685
Ambo Camarines.....	267	3,274	18,674	16,802	21,398	11,421
Antique.....	751	908	7,737	9,052	9,695	13,881
Bataan.....			643	771	829	6,061
Batanes.....			20	22	25	1,280
Batangas.....	3,889	5,319	47,557	48,670	52,600	30
Bohol.....	442	1,130	24,353	27,475	29,827	81,755
Bukidnon.....	(c)	(c)	(b)	(b)	(b)	27,486
Bulacan.....		162	4,519	5,111	5,330	676
Cagayan.....	25	1,350	2,867	2,643	7,901	7,895
Capiz.....	940	150	4,058	5,140	4,750	1,030
Cavite.....		460	29,160	32,650	34,183	38,252
Cebu.....	2,102	1,550	22,647	23,166	23,089	98,225
Cotabato.....	(b)	(b)	(b)	(b)	(b)	22,926
Davao.....	(b)	(b)	(b)	(b)	(b)	5,915
Ilocos Norte.....	739	555	17,797	23,290	25,435	9,000
Ilocos Sur.....			213	264	345	16,125
Iloilo.....	2,103	82	16,366	14,386	15,888	200
Isabela.....		207	492	520	570	48,467
Laguna.....		195	5,110	4,285	8,952	435
Lanao.....	(b)	(b)	(b)	(b)	(b)	5,475
La Union.....	998	4,817	60,864	68,244	72,787	48,100
Leyte.....	119		1,015	1,366	2,130	80,577
Mindanao and Sulu (Moro).			103,922	108,678	108,000	2,936
Mindoro.....	15,516	31,040	10,355	8,783	8,988	8,108
Misamis.....	80	1,359	23,951	30,178	26,558	20,274
Mountain.....	45,640	42,066	50,620	79,339	83,667	67,762
Nueva Ecija.....	700	652	9,802	8,136	6,770	62,447
Nueva Vizcaya.....	2,969	5,792	14,584	18,388	15,625	5,990
Oriental Negros.....	765	633	6,922	7,108	7,957	11,096
Palawan.....	787	69	14,336	13,570	16,285	3,418
Pampanga.....	260	70	1,318	1,073	1,652	14,177
			2,517	2,540	5,850	848
						2,238

Pangasinan.....	3,337	2,504	49,747	56,825	69,098	52,154	56,421
Rizal.....	(d)	(d)	9,561	9,890	12,479	6,339	6,302
Romblon.....		236	1,493	1,652	2,415	(a)	4,045
Samar.....		662	5,834	6,737	6,631	3,885	3,886
Sorsogon.....	(b)		(b)	(b)	(b)	2,617	2,645
Sulu.....						(b)	
Surigao.....			701	1,137	1,672	844	1,030
Tarlac.....	153	265	3,099	2,887	3,473	2,446	2,606
Tayabas.....	1,035	1,658	36,213	34,171	39,862	30,428	30,270
Zambales.....	1,502	190	3,136	3,866	2,190	1,490	1,335
Zamboanga.....	(b)	(b)	(b)	(b)	(b)	1,915	8,313
Total.....	85,948	113,031	626,408	634,864	752,196	594,620	721,855
Total value.....	P68,758	P90,425	P302,771	P342,153	P361,754	P281,590	P445,983

^a Subprovince of Iloos Sur. ^b See Mindanao and Sulu (Moro). ^c Subprovince of Agusan. ^d Subprovince of Capiz.

TABLE No. 27.—*Cacao production, by provinces, from 1912 to 1918.*

[Source: Bureau of Agriculture.]

Provinces.	Year ended June 30—						
	1912	1913	1914	1915	1916	1917	1918
	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)	<i>Kilos.</i> (a)
Abra	200	140	(b)	(b)	(b)	232	274
Agusan	9,440	5,349	45,321	51,873	47,560	1,202	1,217
Albay	10,720	23,007	68,147	70,328	61,138	24,622	24,082
Ambos Camarines	795	1,214	14,262	14,333	13,799	54,365	56,623
Antique			907	643	680	11,661	13,764
Bataan						953	1,100
Batanes							
Batangas	2,884	7,258	27,074	29,990	23,512	36,301	36,433
Bohol	1,229	2,879	31,772	36,753	34,252	37,678	39,593
Bukidnon	(c)	(c)	(b)	(b)	(b)		
Bulacan		402	3,379	5,370	4,940	5,270	798
Cagayan	38	1,600	2,276	3,102	3,655	3,884	3,276
Capiz	1,480	494	7,061	7,784	7,449	8,806	6,991
Cavite		1,254	16,143	19,663	21,642	23,881	35,165
Cebu	6,920	9,343	39,507	46,160	39,274	40,058	40,818
Cotabato	(b)	(b)	(b)	(b)	(b)		
Davao	(b)	(b)	(b)	(b)	(b)	2,545	3,800
Ilocos Norte	3,763	1,307	11,767	13,145	9,543	10,141	8,841
Ilocos Sur	939	120	1,327	1,492	1,283	722	1,025
Iloilo	3,102	7,136	39,140	41,832	28,733	41,492	35,924
Isabela		103	219	270	250	310	677
Laguna	3,280	3,559	15,627	12,970	13,479	12,751	12,021
Lanao	(b)	(b)	(b)	(b)	(b)	370	350
La Union	1,127	6,651	44,916	34,389	33,899	41,854	61,784
Leyte	1,629	1,745	14,277	16,759	14,308	15,109	15,138
Mindanao and Sulu (Moro)	290	8,755	8,896	13,541	11,843		
Mindoro	3,673	3,809	3,660	14,335	8,929	11,474	11,764
Misamis	410	6,316	2,510	5,326	5,438	5,049	10,750
Mountain	617	2,253	6,579	7,003	4,792	5,081	4,824
Nueva Ecija	907	800	4,631	4,859	4,450	3,713	3,699
Nueva Vizcaya	92	220	2,414	2,622	2,860	3,840	2,052
Occidental Negros	1,600	5,869	19,399	19,328	16,217	13,121	4,046
Oriental Negros	7,017	6,366	17,910	25,174	23,207	21,912	26,206
Palawan		150	815	1,383	923	831	911
Pampanga			1,871	2,582	2,815	1,462	1,407
Pangasinan	3,064	1,228	35,166	39,107	31,343	25,139	30,161
Rizal	78	935	2,712	3,210	3,160	1,629	1,673
Romblon	(d)	(d)	(d)	(d)	(d)	(d)	1,785
Samar	100	6,849	9,582	10,665	10,419	8,621	9,134
Sorsogon	747	3,004	13,244	14,531	12,212	8,783	6,702
Sulu	(b)	(b)	(b)	(b)	(b)		
Surigao	5,054	4,048	13,515	12,653	13,155	7,492	7,838
Tarlac	102	285	2,464	2,290	3,432	2,990	2,816
Tayabas	2,852	8,938	36,213	38,836	37,362	37,890	36,049
Zambales	83		1,099	1,310	1,404	1,205	1,380
Zamboanga	(b)	(b)	(b)	(b)	(b)	2,896	3,409
Total	74,237	133,386	565,802	625,611	558,357	537,335	566,200
Total value	P66,813	P120,047	P354,057	P398,991	P345,059	P338,500	P504,670

^a Subprovince of Ilocos Sur.^b See Mindanao and Sulu (Moro).^c Subprovince of Agusan.^d Subprovinces of Capiz.

TABLE No. 28.—Quantities of timbers cut from public forests, and revenue from sale of all forest products, from 1910 to 1918.
[Source: Bureau of Forestry.]

Class and species.	Year ended June 30—					Year ended December 31—				
	1910	1911	1912	1913	1913*	1914	1915	1916	1917	1918
	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.	Cu. m.
First Group:										
Yacal.....	8,225	8,150	14,491	21,770	5,593	15,115	14,714	16,471	11,563	9,162
Ipil.....	13,717	12,296	17,237	15,791	7,535	17,602	12,089	14,147	16,529	15,498
Molave.....	8,923	7,978	9,091	9,363	4,783	9,753	10,546	10,788	13,582	22,293
Narra.....	5,744	4,998	8,474	8,877	3,911	8,467	9,368	7,970	5,904	7,848
Tindalo.....	954	1,018	794	932	484	914	1,115	1,115	1,445	826
Acle.....	809	867	1,295	1,690	729	1,287	1,498	1,088	798	870
Other species b.....	574	322	707	1,000	687	2,196	2,190	3,074	1,084	1,416
Second Group:										
Guijo.....	14,107	14,231	18,579	17,279	7,841	19,701	15,650	16,685	16,857	17,301
Calantas.....	3,174	1,368	938	3,320	886	2,423	1,999	4,574	7,381	4,975
Mangachapuy.....						1,469	1,859	2,666	2,916	2,214
Dugon.....	2,453	1,693	1,213	931	601	2,199	1,467	1,127	1,592	1,318
Other species c.....	6,667	6,644	7,988	8,543	3,266	9,373	6,940	7,938	6,432	7,779
Third Group:										
Apitong.....	20,764	21,096	28,929	32,391	12,905	32,328	38,819	52,529	55,835	56,274
Tangle.....	2,106	2,762	3,999	5,249	3,390	14,682	15,460	28,961	25,389	21,775
Palosapis.....						2,222	1,631	2,723	3,042	8,863
Other species d.....	8,316	10,927	11,796	8,711	2,999	7,557	6,920	5,214	9,895	8,611
Fourth Group:										
Laun.....	43,439	46,942	57,036	81,469	20,249	74,453	73,277	107,634	131,699	108,900
Lumbayao.....									6,085	4,415
Pagatpat.....	36,786	41,655	42,981	59,855	25,613	73,017	60,130	56,738	1,502	849
Other species e.....									47,561	80,993
Total.....	176,758	182,945	225,548	277,171	101,502	294,758	276,268	341,442	366,891	382,060
Revenue from sale of forest products (including minor products).....	P271,582	P334,763	P354,085	P390,664	P160,913	P442,661	P425,817	P494,447	P536,328	P650,692

* From July 1 to December 31, only.

b Acle, Baticulin, Betis, Camagon, Ebony, Lanete, Mancono.

c Alupag, Aranga, Banaba, Bansalaguin, Banuyo, Batitinan, Bolongeta, Calamansanay, Macassin, Malacados, Palo Maria, Supa, Teak, and Tucan-calao.

d Acoho, Amuguis, Anubing, Batino, Bitanghol, Catmon, Calumpit, Dalinsi, Dita, Dugon-late, Malacmalac, Malapapaya, Malasantol, Mayapis, Nato, Panao, Sacat, Santol, and Tanayuan.

* Includes all species not included in any of the other groups.

TABLE No. 29.—*Minor forest products yielded by public and private forests.*^a

[Source: Bureau of Forestry.]

Year ended—	Charcoal.	Diliman.	Dyebark.	Dyewood.	Firewood.	Gogo.	Gumastic.
June 30:							
1908.....	<i>Cu. m.</i> 4,535	<i>Kilos.</i> (b) 10,152	<i>Kilos.</i> 136,986	<i>Kilos.</i> 2,284,867	<i>Cu. m.</i> 192,526	<i>Kilos.</i>	<i>Kilos.</i> 945,874
1909.....	6,182	.....	115,040	1,325,965	221,635	.....	998,784
1910.....	4,315	.....	98,482	1,154,614	246,776	.....	1,092,898
1911.....	4,670	.....	87,229	1,735,746	239,237	.....	707,732
1912.....	4,205	.....	193,878	1,083,139	^e 150,800	.....	910,790
1913.....	3,130	.....	81,881	1,651,852	^f 129,800	.....	882,958
December 31:							
1913 (x).....	1,586	43,611	89,454	487,471	^b 56,322	.....	863,455
1914.....	5,984	114,053	65,672	493,568	122,121	17,956	1,198,404
1915.....	4,059	96,128	96,516	1,462,837	276,592	55,308	1,478,787
1916.....	4,048	61,582	101,562	2,381,466	376,764	157,375	1,089,448
1917.....	6,463	91,305	88,963	1,601,026	519,348	202,846	1,795,911
1918.....	22,073	156,454	18,732	324,056	905,280	225,176	217,251

^a For revenue from sale of forest products, see Table No. 28, page 57.^b One million five hundred ninety-five thousand eight hundred and forty-nine pieces.^c Excluding first-class firewood, 11,292,519 pieces.^d Excluding first-class firewood, 11,044,963 pieces.^e Excluding five million eighty-seven thousand seven hundred forty-four pieces.^f Excluding 6,493,054 *rajás*.

Year ended—	Gutta percha.	Lime-stone.	Pitch.	Rattan.	Stone.	Tan bark.	Woodoil.
	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>	<i>Liters.</i>
June 30:							
1908.....	89,787	139,391	86,040	3,312,182	127,175	1,680,306	27,154
1909.....	37,578	46,297	50,576	3,348,148	127,175	1,423,370	314,832
1910.....	96,169	57,629	56,241	3,069,212	104,721	3,302,939	131,377
1911.....	117,140	125,366	125,366	4,593,655	59,432	2,012,385	77,540
1912.....	43,965	153,474	153,474	3,581,490	26,348	1,632,254	86,080
1913.....	85,424	208,580	208,580	3,065,840	203,183	1,879,785	49,875
December 31:							
1913 (s).....	96,121	86,040	86,040	3,312,182	127,175	549,894	46,929
1914.....	76,952	50,576	50,576	3,348,148	127,175	2,738,595	117,561
1915.....	27,291	95,536	56,241	3,736,363	104,721	1,921,305	147,574
1916.....	19,077	186,519	186,519	3,114,313	59,432	1,545,923	63,353
1917.....	26,283	387,373	109,386	4,607,674	55,067	3,243,251	54,080
1918.....	11,768	555,134	.....	7,920,308	203,183	2,119,269	102,146

^c Sixty seven million two hundred ninety-nine thousand and eighty-two pieces of unsplit rattan.

^d Six thousand four hundred and twenty pieces for 1910 and 7,048 pieces for 1911.

^e From July 1 to December 31, only.

^f Excluding unsplit rattan.

^g Limestone, 6,646 *ollas*.

TABLE NO. 30.—*Cross-bending strength*

[Source: Bureau]

Name.	Locality.		Moisture over 35 per cent.						
			Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch). ^a	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).
Lauan	Mindanao	Average	38	51.8	0.444	2,630	4,570	6,870	1,464
		Maximum		75					
		Minimum		35.5					
Do	Zambales	Average	36	63	.478	5,260	6,410	8,040	1,438
		Maximum		86.4					
		Minimum		41.6					
Almon	Occidental Negros.	Average	18	59.2	.464	5,400	6,380	8,260	1,377
		Maximum		70					
		Minimum		49					
Apitong	Mindanao	Average	52	53.9	.62	3,750	5,550	7,350	1,754
		Maximum		81					
		Minimum		36					
Do	Zambales	Average	30	55.8	.679	5,220	6,790	8,910	1,428
		Maximum		84.6					
		Minimum		48.8					
Do	Negros	Average	11	95.5	.564	5,960	7,060	9,470	1,565
		Maximum		107					
		Minimum		76.8					
Guijo	Ambos Camarines.	Average	27	43.7	.677	6,330	8,660	12,050	1,915
		Maximum		56					
		Minimum		37.2					
Do	Mindoro	Average	49	57.8	.696	6,420	8,780	11,350	1,825
		Maximum		89.8					
		Minimum		41					
Molave	Near Laguna de Bay.	Average	47	45.5	.772	4,870	8,380	10,610	1,503
		Maximum		62					
		Minimum		36.4					
Do	Ambos Camarines.	Average	29	54.4	.782	6,840	8,640	10,380	1,381
		Maximum		72.5					
		Minimum		43.8					
Yacal	do	Average	21	43.3	.823	7,270	10,160	13,070	2,079
		Maximum		54.2					
		Minimum		35.3					
Narra	Near Laguna de Bay.	Average	11	79	.563	3,000	6,300	8,390	1,509
		Maximum		93					
		Minimum		65					
Do	Cagayan	Average	11	51.8	.63	6,020	7,960	10,220	1,352
		Maximum		81.7					
		Minimum		35.5					
Tanguile	Unknown	Average	8	39.9	.536	5,180	6,780	9,160	1,576
		Maximum		45.4					
		Minimum		35.5					
Do	Zambales	Average	27	47.7	.457	4,010	4,980	6,380	1,241
		Maximum		80					
		Minimum		38.9					
Tanguile-balabacan	Occidental Negros.	Average	15	58.1	.509	5,030	6,280	8,670	1,318
		Maximum		62.5					
		Minimum		53					
Sacat	Lamao Forest Reserve, Bataan.	Average	8	48.5	.561	3,340	5,030	6,960	1,584
		Maximum		54.4					
		Minimum		45.2					

^a The apparent elastic limit was used in order to compare tests of native woods with similar tests of American woods.

of Philippine timbers.

of Forestry.]

Moisture 20 to 35 per cent.							Moisture under 20 per cent.							Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).		
21	29.8 35 20	0.442 .47 .40	3,350 6,190 1,550	5,300 7,740 3,520	7,200 8,920 4,220	1,462 1,790 1,050	14	10.4 17.5 3	0.457 .488 .404	5,730 10,550 3,390	8,240 12,640 5,480	9,760 14,250 7,020	1,653 1,840 1,395	73	0.446 .488 .40
														36	.478 .529 .412
														18	.464 .52 .378
10	26.8 33.6 22	.699 .74 .658	6,190 9,150 4,220	8,220 9,850 6,320	10,230 11,640 8,600	2,033 2,550 1,710	13	14 19.8 9	.706 .825 .618	7,340 10,550 4,920	9,760 12,480 6,050	11,620 15,600 6,050	2,144 2,425 1,900	75	.645 .825 .56
1	20.8 20.8 20.8	.93 .93 .93	2,950 2,950 2,950	4,150 4,150 4,150	5,100 5,100 5,100	1,000 1,000 1,000								31	.687 .93 .588
														11	.564 .581 .55
15	26.6 35 20.3	.72 .776 .673	7,820 9,850 4,920	9,940 12,380 7,800	12,860 14,600 10,540	2,077 2,370 1,660	13	13.7 18.6 7	.759 .82 .718	10,080 12,650 7,730	12,850 19,700 8,940	15,150 21,500 11,900	2,158 2,480 1,740	55	.708 .82 .629
1	23.3 23.3 23.3	.724 .724 .724	7,740 7,740 7,740	9,150 9,150 9,150	12,650 12,650 12,650	2,110 2,110 2,110								50	.697 .806 .596
11	31.8 35 24.8	.803 .848 .725	5,010 7,030 3,520	9,000 10,700 7,740	10,190 12,150 9,530	1,602 1,950 1,400	9	10.4 19.5 3.5	.824 .88 .79	8,240 10,550 4,920	8,580 13,600 4,920	8,580 13,600 4,920	1,614 1,980 1,240	67	.785 .88 .69
														29	.782 .825 .712
42	29.6 34.3 21.5	.846 .94 .77	8,180 11,250 4,220	10,700 13,600 5,480	14,090 17,650 7,700	2,368 2,870 1,680	17	15.6 19.8 11.4	.848 .90 .81	9,650 12,230 6,680	12,130 17,480 9,140	15,690 21,800 13,580	2,583 3,000 1,844	80	.843 .94 .76
														11	.563 .59 .535
7	26.9 32.7 22.9	.508 .56 .438	5,650 8,430 2,110	6,570 9,850 3,090	7,380 11,020 3,460	1,462 1,710 870	13	9.6 13.8 4.6	.487 .531 .384	6,440 10,550 2,810	7,070 10,680 2,810	7,560 11,730 2,960	1,510 1,670 1,050	31	.54 .77 .384
12	30.6 34.6 21.8	.487 .524 .38	5,310 6,740 4,220	6,960 7,600 6,190	9,110 10,230 7,030	1,456 1,685 1,050	16	13.7 18.7 5	.422 .58 .355	6,440 9,150 4,500	7,380 11,400 4,920	8,360 12,560 4,920	1,232 1,610 976	36	.469 .58 .355
1	24.5 34.5 34.5	.54 .54 .54	6,050 6,050 6,050	6,330 6,330 6,330	7,700 7,700 7,700	1,320 1,320 1,320	19	9.7 18.4 1.6	.535 .606 .478	6,430 10,550 2,110	7,470 11,520 2,110	8,570 13,220 2,300	1,594 1,950 1,120	47	.491 .606 .405
														15	.509 .53 .479
														8	.561 .585 .54

TABLE No. 30.—*Cross-bending strength*

Name.	Locality.		Number of tests.	Moisture over 35 per cent.					
				Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch). ^a	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).
Sacat	Tarlac	Average Maximum Minimum	42	55.2 82.6 35.3	0.60 .657 .478	5,800 7,740 2,250	7,050 9,000 2,810	9,300 12,450 3,120	1,569 1,920 920
Ipil	Ambos Camarines.	Average Maximum Minimum	19	52.7 76.1 36.1	.79 .872 .68	4,360 5,620 2,670	6,690 9,420 5,620	7,960 11,680 5,620	1,295 1,680 1,000
Do	Mindoro	Average Maximum Minimum	44	63.1 106 35.6	.67 .77 .56	5,450 9,150 1,480	7,430 10,820 2,050	9,410 13,640 2,050	1,226 1,840 550
Do	Palawan	Average Maximum Minimum	41	52.2 60.1 46.6	.807 .867 .75	9,170 12,220 2,110	11,210 13,750 2,810	13,520 17,000 6,330	1,953 2,210 1,420
Dungon	Ambos Camarines.	Average Maximum Minimum	6	42.2 66.4 35.2	.824 .895 .723	5,660 7,880 1,410	7,400 9,570 2,540	11,770 14,980 4,370	1,680 2,080 1,050
Do	Masbate	Average Maximum Minimum	3	36.3 37.2 35.5	.827 .845 .816	4,730 4,920 4,360	6,420 7,030 5,620	10,250 11,400 8,640	1,593 1,790 1,470
Do ^b	Mindanao	Average Maximum Minimum	21	49.4 81.6 35.5	.668 .707 .636	4,520 5,900 2,810	5,740 6,890 4,150	7,870 9,520 5,510	1,317 1,690 920
Malasantol	Unknown	Average Maximum Minimum	21	66.2 84.5 35.4	.633 .689 .608	4,500 6,330 2,810	6,480 7,380 5,280	8,690 10,040 5,870	1,518 1,670 1,420
Supa	Do	Average Maximum Minimum	5	37.3 40.8 35.6	.673 .692 .61	6,410 8,440 4,920	8,180 8,870 7,180	10,050 11,150 8,630	1,435 1,530 1,370
Do	Tayabas	Average Maximum Minimum	12	38.7 46.7 35.1	.755 .843 .70	4,890 6,720 2,810	7,170 8,700 4,920	8,700 10,500 6,490	1,415 1,650 1,160
Balacat	Lamoa Forest Reserve, Bataan.	Average Maximum Minimum	9	56.1 86 45.7	.517 .57 .478	5,120 6,190 4,220	6,280 6,750 5,780	8,540 9,200 7,730	1,293 1,450 1,105
Do	Tarlac	Average Maximum Minimum	21	45.4 59.8 36.5	.56 .62 .515	5,210 6,330 3,520	6,200 7,390 3,940	7,780 9,370 4,790	1,221 1,420 870
Macaasim	Unknown	Average Maximum Minimum	35	68.4 87.9 36.3	.695 .734 .667	4,370 8,440 1,546	6,120 8,790 3,550	8,660 10,880 5,180	1,416 1,750 1,070
Calantas	Albay	Average Maximum Minimum	15	75.4 94 61	.357 .379 .336	3,000 3,949 1,970	4,240 4,920 3,100	5,650 6,600 4,400	961 1,185 738
Do	Mindoro	Average Maximum Minimum	10	57.3 67 38	.511 .54 .492	3,560 5,620 2,110	4,900 6,180 3,020	6,250 7,950 3,060	940 1,160 580
Tindalo	Unknown	Average Maximum Minimum	6	40.4 44.6 35.8	.747 .77 .734	8,090 9,140 6,330	10,770 11,940 8,430	15,000 16,980 12,300	2,296 2,340 2,050
Do	Ambos Camarines.	Average Maximum Minimum	12	44.7 55 37.7	.808 .86 .757	7,070 10,400 5,350	9,005 12,400 5,350	11,330 14,200 8,600	1,588 1,750 1,150

^a The apparent elastic limit was used in order to compare tests of native woods with similar tests of American woods.

^b This is not the wood commonly known as dungon, but is often sold under the name.

Moisture 20 to 35 per cent.							Moisture under 20 per cent.								
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Total number of tests.	Specific gravity of dry wood, all tests.
10	24.2	0.606	5,930	7,290	9,050	1,637	16	12.8	0.664	8,350	9,610	11,440	1,886	68	0.616
	35	.677	7,600	9,140	12,470	1,900		19.3	.70	10,540	12,230	15,600	2,080		.70
	20.2	.485	2,110	2,390	4,220	1,160		4.2	.622	4,220	4,500	4,920	1,710		.478
14	25.8	.783	5,580	6,640	7,900	1,470	8	18.1	.816	6,000	6,440	6,980	1,383	41	.792
	34.6	.83	7,730	9,420	12,600	1,730		19.6	.99	7,580	7,740	9,040	1,630		.99
	21	.685	3,520	5,070	5,620	1,260		16	.713	4,780	4,780	4,780	1,180		.68
2	34.5	.743	7,530	9,520	13,040	1,750	}							46	.673
	34.5	.77	7,740	9,700	13,520	1,840									.77
	34.4	.717	7,320	9,350	12,560	1,660									.56
40	26.4	.878	6,870	8,940	13,510	1,947	26	11.6	.845	10,160	13,460	17,110	2,209	72	.857
	33.9	.924	9,850	11,400	16,900	2,260		17.6	.985	14,760	18,300	22,700	2,500		.985
	20	.788	3,800	5,910	7,900	1,240		6.5	.796	5,770	7,180	9,770	1,500		.723
21	30.1	.854	4,960	6,910	10,600	1,442	}							24	.85
	34.5	.89	6,320	8,440	13,150	1,900									.89
	26.3	.822	3,520	4,220	7,260	1,050									.816
2	30.7	.685	5,060	6,540	9,070	1,525	}							23	.669
	31.9	.69	5,200	7,040	9,200	1,530									.707
	29.5	.68	4,920	6,050	8,940	1,520									.636
2	26.3	.663	5,840	7,180	10,310	1,595	5	12.1	.694	5,760	7,630	10,880	1,754	28	.646
	27.1	.68	6,330	7,600	10,550	1,610		18.2	.712	7,730	9,000	13,540	2,290		.712
	25.6	.646	5,350	6,760	10,080	1,580		5.3	.66	3,520	4,220	4,800	1,320		.608
23	29.3	.711	7,360	10,070	12,390	1,907	18	14.5	.722	10,060	11,670	13,100	1,863	46	.711
	34.4	.835	11,250	12,660	16,450	2,870		19.7	.808	15,500	15,800	16,850	2,280		.835
	20	.644	4,220	7,450	9,140	1,370		10.2	.625	7,040	7,730	7,810	1,475		.61
49	30.1	.827	5,280	7,520	9,050	1,510	}							61	.813
	34	.955	9,250	11,010	13,220	1,930									.955
	26.6	.712	1,680	2,410	3,230	750									.70
7	26.6	.579	5,710	6,060	7,010	1,204	32	10.4	.589	6,050	7,600	8,270	1,271	60	.578
	30	.602	6,330	8,090	10,000	1,310		18.7	.66	8,440	11,250	11,720	1,520		.66
	24.1	.561	3,800	4,220	4,690	1,110		2.6	.54	4,220	4,670	4,670	1,080		.515
8	26.7	.77	5,200	8,130	10,560	1,778	4	15.7	.79	6,260	9,650	11,010	1,825	47	.717
	30.4	.81	5,910	10,400	13,130	1,950		12.3	.82	8,450	11,980	13,240	2,030		.82
	23	.734	3,870	6,330	8,940	1,630			.76	3,240	6,690	7,750	1,530		.667
4							4	11.1	.363	5,300	7,260	8,980	1,255	19	.358
								14.6	.37	6,320	8,160	9,300	1,340		.379
								8.6	.355	4,220	6,320	8,670	1,160		.336
8	28.9	.547	3,460	4,500	5,210	801	}							18	.527
	34.5	.583	4,920	6,330	7,200	1,050									.583
	23.7	.505	1,410	1,410	1,610	580									.492
4	28.9	.787	9,490	12,750	16,570	2,182	}							10	.763
	35.5	.864	11,250	14,340	17,650	2,230									.864
	23.3	.756	8,440	11,380	15,100	2,160									.734
16	26.6	.802	5,800	7,470	8,680	1,445	1	19.5	.808	7,180	9,140	11,200	1,570	29	.805
	33.4	.866	9,710	11,250	12,830	1,580			.808	7,180	9,140	11,200	1,570		.866
	20.6	.72	2,890	2,890	3,030	1,180			.808	7,180	9,140	11,200	1,570		.72

TABLE NO. 30.—Cross-bending strength

Name.	Locality.		Number of tests.	Moisture over 35 per cent.					
				Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch). ^a	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).
Tindalo	Masbate	Average..... Maximum..... Minimum.....	10	59 71.8 50.7	0.77 .813 .70	5,290 7,460 2,950	7,690 9,480 4,500	11,200 13,240 8,420	1,536 1,710 1,160
Amuguis	Mindoro	Average..... Maximum..... Minimum.....	31	46.1 61.1 35.7	.692 .76 .621	4,490 9,110 1,548	6,800 9,300 3,520	9,780 12,670 5,630	1,697 2,160 1,160
Do	Palawan	Average..... Maximum..... Minimum.....	8	53.9 64.1 49.5	.675 .753 .613	6,730 8,000 6,320	8,020 8,850 6,880	11,040 11,680 9,620	1,735 1,840 1,530
Acle	Tarlac	Average..... Maximum..... Minimum.....	41	92.5 103 77	.632 .707 .598	3,920 5,280 2,460	6,000 7,730 4,780	7,270 8,920 5,250	1,069 1,395 895
Do	Zambales	Average..... Maximum..... Minimum.....	6	96.8 111 83.6	.579 .604 .553	5,900 7,030 4,080	7,010 8,720 4,570	9,080 11,560 5,810	1,213 1,360 1,080
Betis	Tayabas	Average..... Maximum..... Minimum.....	7	38.1 42.5 35.1	.849 .882 .82	5,780 7,380 3,160	8,460 10,130 6,330	11,910 13,680 10,010	1,768 2,055 1,298
Do	Ambos Camarines.	Average..... Maximum..... Minimum.....	30	61.6 100 45	.725 .798 .615	3,670 5,240 2,090	5,620 7,750 2,830	7,450 9,340 3,660	2,035 2,400 1,050
Bansalaguin	Unknown	Average..... Maximum..... Minimum.....	18	46.2 57.8 40	.841 .883 .784	6,820 8,440 3,800	9,420 10,550 7,310	11,740 14,150 9,510	1,702 2,050 1,480
Palo Maria	Zambales	Average..... Maximum..... Minimum.....	24	56 105 36.6	.623 .708 .488	5,840 8,790 2,950	7,040 9,500 4,080	8,930 12,450 5,500	1,461 1,680 810
Batitinan	Unknown	Average..... Maximum..... Minimum.....	10	54.4 61.2 49.1	.777 .795 .76	4,540 5,620 2,540	6,350 7,600 4,080	9,320 10,600 5,900	1,427 1,630 1,200
Aranga	Ambos Camarines.	Average..... Maximum..... Minimum.....							
Banuyo	Masbate	Average..... Maximum..... Minimum.....	16	82 115 47.7	.522 .572 .455	2,900 5,070 1,400	4,170 6,880 2,860	5,140 7,390 4,080	881 1,120 575
Red Lauan	Occidental Negros.	Average..... Maximum..... Minimum.....	15	75.8 84 65	.406 .43 .371	4,040 4,920 2,110	4,690 5,620 2,250	7,100 7,900 2,610	1,201 1,370 870
Palosapis (Mayapis)	Laguna	Average..... Maximum..... Minimum.....	20	67.7 91 48	.399 .456 .343	4,070 4,920 3,510	5,320 6,330 3,510	6,760 8,300 3,510	1,133 1,420 870
Malugay	Mindoro	Average..... Maximum..... Minimum.....	18	57.2 72 48.2	.635 .713 .553	4,780 6,680 2,810	6,930 8,570 5,200	10,280 12,700 6,900	1,627 1,920 1,290
Sasalit	Zambales	Average..... Maximum..... Minimum.....							
Liusin	Bataan	Average..... Maximum..... Minimum.....	14	60.9 63 57.6	.71 .73 .70	5,430 7,720 2,390	8,120 10,200 5,900	11,360 14,150 7,160	1,886 2,180 1,340

^a The apparent elastic limit was used in order to compare tests of native woods with similar tests of American woods.

of Philippine timbers—Continued.

Moisture 20 to 35 per cent.							Moisture under 20 per cent.							Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).		
3	22.5 24.6 20.3	.0785 .788 .784	6,370 7,020 5,340	8,160 8,300 8,080	9,050 10,000 8,080	1,273 1,320 1,180	5	18.9 19.9 17.7	.0766 .808 .68	5,990 7,450 4,920	8,220 9,770 7,170	8,920 11,020 7,680	1,180 1,370 950	18	.0772 .813 .68
1	33.6 33.6 33.6	.75 .75 .75	5,620 5,620 5,620	8,590 8,590 8,590	12,050 12,050 12,050	1,760 1,760 1,760								32	.694 .76 .621
														8	.675 .753 .613
5	27.9 34.5 21	.635 .67 .607	5,630 6,330 4,640	6,830 8,870 5,340	7,550 9,750 5,980	1,138 1,210 1,060	1	15.7 15.7 15.7	.684 .684 .684	3,660 3,660 3,660	4,920 4,920 4,920	5,400 5,400 5,400	880 880 880	20	.635 .707 .598
														6	.579 .604 .553
13	31.8 34.4 27.1	.86 .886 .82	4,930 7,380 2,110	8,090 10,550 5,380	10,850 14,060 7,030	1,593 1,950 1,080								20	.856 .886 .82
1	34 34 34	.806 .806 .806	4,190 4,190 4,190	5,660 5,660 5,660	7,580 7,580 7,580	2,020 2,020 2,020								31	.728 .806 .615
1	33.3 33.3 33.3	.88 .88 .88	6,750 6,750 6,750	7,030 7,030 7,030	7,740 7,740 7,740	1,740 1,740 1,740	6	15.5 17 14.3	.87 .905 .85	8,670 10,250 6,330	11,870 13,350 8,780	14,480 18,200 12,400	2,311 2,530 2,100	25	.85 .905 .784
														24	.623 .708 .488
							4	5 6.2 4.1	.836 .85 .821	6,850 8,860 4,920	8,400 11,100 5,770	9,630 12,300 7,030	1,655 1,910 1,450	14	.795 .85 .76
19	31.4 34.8 29.3	.826 .86 .796	7,970 10,200 4,790	11,070 12,660 8,860	13,440 16,900 10,300	2,061 2,350 1,740	26	5.6 7.5 2.9	.882 .942 .832	12,530 16,880 7,740	16,230 21,350 9,850	17,920 24,450 11,630	2,419 2,800 2,000	45	.859 .942 .796
1	29.3 29.3 29.3	.52 .52 .52	4,220 4,220 4,220	5,340 5,340 5,340	5,940 5,940 5,940	1,105 1,105 1,105	3	17 18.9 13.4	.538 .546 .523	4,030 5,200 2,810	5,530 6,040 5,200	6,000 6,270 5,800	1,070 1,105 1,000	20	.525 .572 .455
														15	.406 .43 .371
														20	.399 .456 .343
7	22.4 26.4 21	.656 .693 .625	5,790 6,900 3,800	7,530 8,080 6,900	10,530 11,740 8,850	1,732 2,150 1,530	15	12 19.8 7.5	.686 .75 .62	7,730 9,850 4,090	11,220 14,900 6,810	13,980 19,830 10,040	1,788 2,180 1,480	40	.658 .75 .553
21	26.4 30.2 22	.901 .995 .742	9,990 13,350 7,030	11,420 15,480 7,460	14,050 18,720 8,770	2,120 2,480 1,240	18	12.4 19.2 9	.839 .87 .807	8,010 12,650 4,080	10,260 13,980 4,220	11,310 15,820 5,310	1,837 2,270 1,120	39	.872 .995 .742
														14	.71 .73 .70

TABLE No. 30.—*Cross-bending strength*

Name.	Locality.		Moisture over 35 per cent.					
			Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch). ^a	Modulus of rupture (pounds per square inch).
Lumbayao	Basilan Island, Moro Province.	Average..... Maximum..... Minimum.....	2	37.1 38.7 35.5	0.545 .56 .53	5,620 6,740 4,500	6,460 6,890 6,040	7,790 8,060 7,520
Agoho	Tarlac	Average..... Maximum..... Minimum.....	28	45.9 57.4 35.4	.704 .762 .62	8,400 11,820 1,970	9,730 13,220 2,670	11,920 15,950 3,160
Do	do	Average..... Maximum..... Minimum.....						
Do	do	Average..... Maximum..... Minimum.....						
Mangachapuy	Albay	Average..... Maximum..... Minimum.....	5	51.3 69 36.2	.59 .622 .55	6,070 7,880 3,240	7,430 8,290 5,620	8,600 10,320 7,020
Do	do	Average..... Maximum..... Minimum.....						
Dao	Mindoro	Average..... Maximum..... Minimum.....						
Cupang	Palawan	Average..... Maximum..... Minimum.....	14	96.2 129 69	.285 .368 .259	2,460 3,380 1,410	3,090 3,940 2,250	3,580 4,530 2,550

^a The apparent elastic limit was used in order to compare tests of native woods with similar tests of American woods.

of Philippine timbers—Continued.

Moisture 29 to 35 per cent.							Moisture under 20 per cent.								
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Fiber stress at true elastic limit (pounds per square inch).	Fiber stress at apparent elastic limit (pounds per square inch).	Modulus of rupture (pounds per square inch).	Modulus of elasticity (1,000 pounds per square inch).	Total number of tests.	Specific gravity of dry wood, all tests.
30	26.1	0.552	6,550	7,620	10,090	1,416	22	12.7	0.584	7,800	9,110	11,390	1,570	54	0.565
	33.9	.603	8,870	10,000	12,180	1,630		19.5	.671	10,140	12,380	14,920	1,870		.671
	20.5	.483	3,510	4,150	4,430	950		5.3	.53	4,220	4,220	7,810	1,340		.483
15	26	.854	6,620	8,240	11,730	1,775	4	17.6	.942	8,620	11,290	14,660	1,970	15	.854
	34.2	.905	9,000	10,980	16,100	2,130		19.7	.954	9,150	12,670	15,420	2,160		.905
	20	.80	4,080	5,630	8,370	1,420		16	.93	7,740	10,280	14,250	1,630		.80
14	30.8	.725	9,030	10,780	14,190	1,715	5							14	.725
	34.8	.75	10,400	11,960	16,450	2,030									.75
	23.5	.708	3,240	4,220	5,830	920									.708
2	32.5	.631	6,390	7,230	8,550	1,740	2							2	.631
	34	.633	6,600	8,150	9,440	1,740									.633
	31	.63	6,190	6,320	7,660	1,740									.63
														14	.285 .368 .259

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TABLE NO. 31.—*Compressive strength*

[Source: Bureau

Name.	Locality.	Moisture over 35 per cent.			
		Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Lauan	Mindanao	{ Average Maximum Minimum	{ 52.4 73 38.4	{ .444 .485 .408	{ 3,840 5,490 3,262
Do	Zambales	{ Average Maximum Minimum	{ 59.5 76 35.2	{ .478 .529 .412	{ 4,180 4,980 3,220
Almon	Occidental Negros	{ Average Maximum Minimum	{ 57.6 71.6 46.1	{ .464 .52 .378	{ 4,500 5,170 3,140
Apitong	Mindanao	{ Average Maximum Minimum	{ 53 71.8 36	{ .617 .715 .56	{ 4,350 5,740 3,350
Do	Zambales	{ Average Maximum Minimum	{ 53.4 93 46.4	{ .679 .721 .588	{ 5,010 5,710 2,810
Do	Occidental Negros	{ Average Maximum Minimum	{ 93.2 102 83	{ .564 .581 .55	{ 4,750 5,400 3,550
Guijo	Ambos Camarines	{ Average Maximum Minimum	{ 41.8 59.6 36	{ .675 .73 .629	{ 6,070 6,610 5,180
Do	Mindoro	{ Average Maximum Minimum	{ 55.7 79.6 40.9	{ .697 .806 .596	{ 6,070 7,300 3,660
Molave	Near Laguna de Bay	{ Average Maximum Minimum	{ 46.4 66 37	{ .772 .85 .69	{ 6,680 8,470 4,770
Do	Ambos Camarines	{ Average Maximum Minimum	{ 50.5 61.5 40.3	{ .784 .822 .712	{ 6,530 8,300 3,900
Yacal	do	{ Average Maximum Minimum	{ 46.7 75 38.6	{ .828 .85 .77	{ 7,490 8,400 6,200
Narra	Near Laguna de Bay	{ Average Maximum Minimum	{ 77.7 93 66.5	{ .563 .69 .535	{ 5,780 6,900 4,180
Do	Cagayan	{ Average Maximum Minimum	{ 55.9 75.5 35.5	{ .619 .68 .482	{ 5,300 6,530 3,770
Tanguile	Unknown	{ Average Maximum Minimum	{ 40.5 47.4 35.2	{ .53 .565 .47	{ 4,750 5,270 3,650
Do	Zambales	{ Average Maximum Minimum	{ 44.1 58.6 35.6	{ .46 .54 .405	{ 3,980 4,780 3,050
Tanguile-balacbacan	Occidental Negros	{ Average Maximum Minimum	{ 56.4 59.5 49.3	{ .509 .53 .479	{ 4,620 4,960 3,910
Sacat	Bataan	{ Average Maximum Minimum	{ 49.8 53.8 46.2	{ .561 .585 .54	{ 4,530 4,740 4,280
Do	Tarlac	{ Average Maximum Minimum	{ 53.1 89.7 35.2	{ .60 .657 .478	{ 5,260 9,150 3,140

along the grain of Philippine timbers.

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Moisture 20 to 35 per cent.				Moisture under 20 per cent.				Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).		
40	{ 30.5 35 25	{ 0.44 .47 .40	{ 4,040 4,550 3,470	32	{ 12.4 19.4 3.3	{ 0.458 .488 .404	{ 6,180 9,270 4,730	139	{ 0.448 .488 .40
								70	{ .470 .529 .412
								34	{ .464 .52 .378
24	{ 27.2 34 20	{ .711 .825 .664	{ 5,740 6,770 4,740	28	{ 14.4 19.4 7.8	{ .688 .735 .618	{ 7,250 9,400 5,270	150	{ .645 .825 .56
					{ 15.2 15.2 15.2	{ .93 .93 .93	{ 4,190 4,220 4,160	62	{ .687 .93 .588
								20	{ .564 .581 .55
24	{ 28.8 35 23.2	{ .719 .76 .673	{ 6,160 7,220 4,900	36	{ 14.6 19.8 7.5	{ .748 .82 .68	{ 7,940 11,400 3,980	110	{ .708 .82 .629
								98	{ .697 .806 .596
20	{ 29.7 34.6 20.2	{ .794 .858 .725	{ 7,080 8,800 6,100	17	{ 12.7 13.8 5.2	{ .818 .88 .728	{ 8,330 10,300 6,800	115	{ .783 .88 .69
								50	{ .784 .822 .712
94	{ 29.5 35 21.8	{ .832 .94 .76	{ 8,340 9,510 6,250	29	{ 13.4 13.1 10.7	{ .849 .90 .814	{ 9,220 11,280 7,580	157	{ .843 .94 .76
								20	{ .563 .59 .535
18	{ 28.5 34.2 21.1	{ .534 .77 .438	{ 5,290 7,060 4,160	24	{ 7.5 9.7 4.8	{ .484 .531 .384	{ 6,740 8,600 4,540	60	{ .54 .77 .384
22	{ 30.6 35 27.2	{ .485 .52 .355	{ 5,030 5,450 3,752	32	{ 13.7 19.9 8.8	{ .424 .58 .376	{ 5,230 6,521 3,825	72	{ .469 .58 .355
				38	{ 9.6 19.2 1.7	{ .535 .606 .478	{ 6,900 8,670 4,150	92	{ .491 .606 .405
								28	{ .509 .53 .479
								14	{ .561 .585 .54
22	{ 26.6 34.8 20	{ .592 .677 .485	{ 5,500 5,910 3,990	38	{ 12.4 19.7 4.2	{ .661 .70 .601	{ 7,140 9,020 4,970	134	{ .616 .70 .478

TABLE No. 31.—*Compressive strength*

Name.	Locality.		Moisture over 35 per cent.			
			Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Ipil	Ambos Camarines	{Average Maximum Minimum}	36	{52.9 78.7 43.5}	{.796 .872 .714}	{5,650 6,390 4,980}
Do	Mindoro	{Average Maximum Minimum}	84	{60.4 89 37.5}	{.666 .75 .56}	{5,450 7,150 2,390}
Do	Palawan	{Average Maximum Minimum}	79	{51.4 61.2 44.8}	{.807 .867 .75}	{8,090 9,470 5,350}
Dungon	Ambos Camarines	{Average Maximum Minimum}	6	{44.1 58 37.1}	{.803 .846 .723}	{6,160 6,520 5,900}
Do	Masbate	{Average Maximum Minimum}	6	{36.9 37.5 36.2}	{.825 .84 .816}	{4,540 5,030 3,830}
Do*	Mindanao	{Average Maximum Minimum}	38	{50.7 82 35.5}	{.669 .707 .636}	{4,000 4,740 3,080}
Malasantol	Unknown	{Average Maximum Minimum}	40	{64.4 86 37.4}	{.631 .68 .608}	{4,660 5,410 3,390}
Supa	do	{Average Maximum Minimum}	8	{36.1 36.3 36}	{.677 .692 .644}	{6,480 7,030 5,750}
Do	Tayabas	{Average Maximum Minimum}	10	{37.2 41.6 35.1}	{.746 .855 .70}	{5,090 6,090 3,770}
Balacat	{Lamiao Forest Reserve, Bataan.	{Average Maximum Minimum}	16	{52.6 61.6 39.5}	{.517 .57 .478}	{4,020 4,510 3,540}
Do	Tarlac	{Average Maximum Minimum}	40	{44.7 63 36.8}	{.56 .62 .515}	{4,150 4,710 2,920}
Macasim	Unknown	{Average Maximum Minimum}	76	{63.9 81.5 35.2}	{.703 .81 .667}	{4,350 6,260 2,610}
Calantas	Albay	{Average Maximum Minimum}	28	{77.3 89.6 62.9}	{.357 .379 .336}	{2,960 3,450 2,330}
Do	Mindoro	{Average Maximum Minimum}	18	{57.3 64.7 46}	{.51 .54 .492}	{3,810 4,960 3,230}
Tindalo	Unknown	{Average Maximum Minimum}	12	{41.9 44.8 38.3}	{.747 .77 .734}	{7,400 9,150 5,620}
Do	Ambos Camarines	{Average Maximum Minimum}	23	{43.9 58.1 37}	{.80 .86 .72}	{7,140 8,960 5,850}
Do	Masbate	{Average Maximum Minimum}	20	{56.7 70.1 50.7}	{.77 .813 .70}	{5,930 7,030 4,270}

* This is not the wood commonly known as dungon, but is often sold under that name.

along the grain of Philippine timbers—Continued.

Moisture 20 to 35 per cent.				Moisture under 20 per cent.				Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).		
30	25.9 31.7 21.6	.0779 .855 .68	6,250 7,600 4,280	16	17.7 19.9 14.8	.0807 .99 .713	6,570 8,020 3,650	82	.0.792 .99 .68
4	32.5 33.4 31.5	.77 .77 .77	6,030 6,470 5,530	2	19.8 19.8 19.8	.77 .77 .77	6,540 6,570 6,510	90	.678 .77 .56
								79	.807 .867 .75
54	25.2 34 20	.88 .985 .788	6,440 7,970 4,050	48	10.7 16.4 8	.839 .882 .796	9,420 11,970 6,410	108	.858 .985 .728
40	29.5 34.8 25.1	.854 .89 .822	4,690 6,670 3,460					46	.85 .89 .816
6	32.6 35 29	.67 .69 .657	4,600 5,200 4,090					44	.669 .707 .686
4	30.7 34.3 27.2	.684 .689 .679	4,840 5,040 4,660	10	13.5 17.1 10	.694 .712 .66	6,580 8,040 5,140	54	.646 .712 .608
42	30.2 33.4 26	.711 .835 .61	7,100 8,510 5,790	42	14.5 19.5 8.3	.713 .808 .625	8,700 10,340 7,046	92	.711 .885 .61
112	28.3 34.7 22.5	.819 .955 .712	5,980 7,700 4,000					122	.818 .955 .70
								16	.517 .67 .478
12	24.9 30.7 20	.588 .66 .561	4,650 5,320 3,770	66	9.8 19.2 2.2	.587 .688 .54	5,530 7,590 4,020	118	.578 .66 .515
10	26.2 30.5 20	.776 .78 .774	5,880 6,600 4,960	6	17.1 18 15.7	.793 .82 .76	6,860 7,650 5,980	92	.717 .82 .667
				8	9.7 12.8 7.1	.363 .87 .355	4,420 4,830 3,230	36	.858 .879 .836
12	26.3 32.2 23.8	.537 .583 .505	3,820 4,320 3,360	6	12.5 19.1 9.1	.557 .573 .531	3,520 4,360 2,890	36	.527 .688 .492
8	28.8 32.4 23.6	.787 .864 .756	8,770 9,680 6,890					20	.763 .864 .784
26	27.4 32.7 22.5	.806 .866 .742	7,310 9,040 3,530	6	16.9 17.6 15.7	.819 .83 .802	7,710 8,650 7,040	55	.805 .866 .72
8	22 23 20.1	.753 .788 .68	6,340 7,350 5,150	8	18.6 19.4 16.9	.794 .808 .784	6,780 7,660 5,950	36	.772 .818 .68

TABLE No. 31.—*Compressive strength*

Name.	Locality.	Moisture over 35 per cent.			
		Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Amuguis	Mindoro	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 45.2 \\ 57.8 \\ 36 \end{array} \right.$	$\left\{ \begin{array}{l} 0.692 \\ .76 \\ .621 \end{array} \right.$	$\left\{ \begin{array}{l} 5,210 \\ 6,490 \\ 2,660 \end{array} \right.$
Do	Palawan	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 54.1 \\ 61.6 \\ 48.1 \end{array} \right.$	$\left\{ \begin{array}{l} .675 \\ .753 \\ .613 \end{array} \right.$	$\left\{ \begin{array}{l} 5,640 \\ 6,150 \\ 4,660 \end{array} \right.$
Acle	Tarlac	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 84.5 \\ 101 \\ 39.2 \end{array} \right.$	$\left\{ \begin{array}{l} .631 \\ .707 \\ .598 \end{array} \right.$	$\left\{ \begin{array}{l} 4,550 \\ 5,440 \\ 3,970 \end{array} \right.$
Do	Zambales	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 94.9 \\ 106 \\ 81 \end{array} \right.$	$\left\{ \begin{array}{l} .579 \\ .604 \\ .553 \end{array} \right.$	$\left\{ \begin{array}{l} 5,330 \\ 5,880 \\ 4,900 \end{array} \right.$
Betis	Tayabas	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 38.2 \\ 42.7 \\ 31.6 \end{array} \right.$	$\left\{ \begin{array}{l} .854 \\ .882 \\ .82 \end{array} \right.$	$\left\{ \begin{array}{l} 6,540 \\ 7,540 \\ 5,640 \end{array} \right.$
Do	Ambos Camarines	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 59.5 \\ 79.3 \\ 42.8 \end{array} \right.$	$\left\{ \begin{array}{l} .725 \\ .798 \\ .615 \end{array} \right.$	$\left\{ \begin{array}{l} 4,330 \\ 4,930 \\ 3,380 \end{array} \right.$
Bansalaguin	Unknown	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 42 \\ 53.6 \\ 35.1 \end{array} \right.$	$\left\{ \begin{array}{l} .841 \\ .88 \\ .784 \end{array} \right.$	$\left\{ \begin{array}{l} 6,960 \\ 8,140 \\ 5,410 \end{array} \right.$
Palo Maria	Zambales	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 50.2 \\ 103 \\ 35.1 \end{array} \right.$	$\left\{ \begin{array}{l} .618 \\ .704 \\ .488 \end{array} \right.$	$\left\{ \begin{array}{l} 4,770 \\ 6,220 \\ 3,150 \end{array} \right.$
Batitinan	Unknown	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 54.9 \\ 61.6 \\ 48.5 \end{array} \right.$	$\left\{ \begin{array}{l} .777 \\ .795 \\ .76 \end{array} \right.$	$\left\{ \begin{array}{l} 4,650 \\ 5,180 \\ 3,950 \end{array} \right.$
Aranga	Ambos Camarines	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$			
Banuyo	Masbate	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 77.9 \\ 110 \\ 35.3 \end{array} \right.$	$\left\{ \begin{array}{l} .527 \\ .572 \\ .46 \end{array} \right.$	$\left\{ \begin{array}{l} 3,290 \\ 4,470 \\ 2,550 \end{array} \right.$
Red Lauan	Occidental Negros	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 76.9 \\ 92.3 \\ 63 \end{array} \right.$	$\left\{ \begin{array}{l} .406 \\ .43 \\ .371 \end{array} \right.$	$\left\{ \begin{array}{l} 3,850 \\ 4,270 \\ 3,040 \end{array} \right.$
Palosapis (Mayapis)	Laguna	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 63.5 \\ 85.4 \\ 44.1 \end{array} \right.$	$\left\{ \begin{array}{l} .399 \\ .456 \\ .343 \end{array} \right.$	$\left\{ \begin{array}{l} 3,530 \\ 4,080 \\ 2,780 \end{array} \right.$
Malugay	Mindoro	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 55.8 \\ 70.8 \\ 46.6 \end{array} \right.$	$\left\{ \begin{array}{l} .635 \\ .713 \\ .553 \end{array} \right.$	$\left\{ \begin{array}{l} 5,120 \\ 6,040 \\ 3,960 \end{array} \right.$
Sasalit	Zambales	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$			
Lusin	Bataan	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$	$\left\{ \begin{array}{l} 60.9 \\ 63 \\ 57.6 \end{array} \right.$	$\left\{ \begin{array}{l} .71 \\ .73 \\ .70 \end{array} \right.$	$\left\{ \begin{array}{l} 5,220 \\ 5,640 \\ 4,860 \end{array} \right.$
Lumbayao	Basilan Island, Moro Province.	$\left. \begin{array}{l} \text{Average} \\ \text{Maximum} \\ \text{Minimum} \end{array} \right\}$			

along the grain of Philippine timbers—Continued.

Moisture 20 to 35 per cent.				Moisture under 20 per cent.				Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).	Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).		
6	32.9	0.707	4,920					60	0.693
	34.8	.75	6,140						
	30	.641	3,980						
10	30.2	.647	5,050					14	.675
	34	.684	5,820						
	25	.607	4,400						
24	31.5	.857	6,410					37	.635
	34.8	.886	7,330						
	28.3	.82	5,000						
2	34	.806	4,410					12	.579
	34	.806	4,540						
	34	.806	4,290						
2	32.8	.883	7,140	12	14.5	0.87	8,630	48	.85
	32.8	.883	7,310		16.5	.905	9,560		
	32.8	.883	6,980		12.1	.85	7,800		
2	34.2	.674	5,720					42	.623
	35	.708	6,240						
	33.4	.64	5,340						
36	31.2	.826	8,020	8	5	.836	9,290	26	.795
	34.5	.86	8,730		5.6	.85	10,640		
	27.7	.796	6,840		4.4	.821	7,190		
4	24.2	.50	3,990	52	4.9	.882	12,420	88	.859
	28	.546	4,470		6.4	.942	14,920		
	20.5	.455	3,400		3.4	.832	9,290		
18	22.1	.666	5,740	4	15.5	.534	4,150	38	.525
	35.9	.71	7,270		17.8	.545	4,470		
	20	.625	5,160		13.3	.523	3,530		
42	25.7	.89	9,290	26	11.2	.683	8,080	78	.658
	31.1	.984	11,890		18.8	.75	10,930		
	21.5	.742	6,600		7.4	.62	4,830		
54	25.2	.551	5,480	34	11.3	.849	9,100	76	.872
	31.5	.608	6,390		15.8	.995	11,180		
	20.1	.483	4,520		8.7	.815	6,400		
54	25.2	.551	5,480	52	12.5	.58	6,410	106	.565
	31.5	.608	6,390		19.7	.671	8,100		
	20.1	.483	4,520		5.3	.53	3,550		

TABLE No. 31.—*Compressive strength*

Name.	Locality.	Moisture over 35 per cent.			
		Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Agoho	Tarlac	{ Average Maximum Minimum	{ 44.2 56.4 35.3	{ 0.725 .762 .62	{ 7,220 8,760 4,390
Do	do	{ Average Maximum Minimum			
Do	do	{ Average Maximum Minimum			
Mangachapuy	Albay	{ Average Maximum Minimum			
Dao	Mindoro	{ Average Maximum Minimum	{ 46.2 62.7 35.4	{ .602 .633 .55	{ 5,070 5,710 3,770
Cupang	Palawan	{ Average Maximum Minimum	{ 93 128 59.8	{ .285 .368 .259	{ 2,070 2,330 1,630

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along the grain of Philippine timbers—Continued.

Moisture 20 to 35 per cent.				Moisture under 20 per cent.				Total number of tests.	Specific gravity of dry wood, all tests.
Number of tests.	Moisture (per cent).	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).	Number of tests.	Moisture (per cent.)	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).		
36	27	0.858	5,770	8	18.3	0.909	7,370	56	0.725
	34.8	.94	7,770		19.6	.954	8,580	36	.762
	20.4	.78	4,330		17.6	.93	5,010		.62
26	29.6	.726	7,730	8	18.3	0.909	7,370	8	.858
	33.1	.75	8,280		19.6	.954	8,580	8	.94
	24.9	.51	6,950		17.6	.93	5,010		.78
								26	.909
								26	.954
									.93
								14	.726
								14	.75
									.51
								26	.602
								26	.633
									.55
								26	.285
								26	.368
									.259

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TABLE NO. 32.—*Shearing strength along the grain of Philippine timbers.*

(Results averaged regardless of moisture content).

[Source: Bureau of Forestry.]

Name.	Locality.	Number of tests.	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Lauan	Mindanao	{ Average Maximum Minimum	{ 0.446 .488 .40	{ 557 984 326
Do	Zambales	{ Average Maximum Minimum	{ .478 .529 .412	{ 525 873 292
Almon	Occidental Negros	{ Average Maximum Minimum	{ .464 .52 .378	{ 508 737 324
Apitong	Mindanao	{ Average Maximum Minimum	{ .645 .825 .56	{ 669 1,203 240
Do	Zambales	{ Average Maximum Minimum	{ .687 .93 .588	{ 757 1,212 298
Do	Occidental Negros	{ Average Maximum Minimum	{ .564 .581 .55	{ 753 997 528
Guijo	Ambos Camarines	{ Average Maximum Minimum	{ .708 .82 .629	{ 915 1,324 366
Do	Mindoro	{ Average Maximum Minimum	{ .697 .806 .596	{ 824 1,500 561
Molave	Near Laguna de Bay	{ Average Maximum Minimum	{ .784 .88 .69	{ 914 1,362 357
Do	Ambos Camarines	{ Average Maximum Minimum	{ .784 .825 .716	{ 839 1,323 403
Yacal	do	{ Average Maximum Minimum	{ .843 .94 .76	{ 849 1,665 427
Narra	Near Laguna de Bay	{ Average Maximum Minimum	{ .563 .59 .535	{ 678 844 456
Do	Cagayan	{ Average Maximum Minimum	{ .54 .77 .384	{ 660 1,225 291
Tanguile	Unknown	{ Average Maximum Minimum	{ .471 .58 .355	{ 647 928 326
Do	Zambales	{ Average Maximum Minimum	{ .491 .606 .405	{ 555 1,068 288
Tanguile-balacbacan	Occidental Negros	{ Average Maximum Minimum	{ .509 .53 .479	{ 602 878 380
Sacat	{Lamao Forest Reserve, Bataan.	{ Average Maximum Minimum	{ .561 .585 .54	{ 776 1,055 550
Do	Tarlac	{ Average Maximum Minimum	{ .616 .70 .478	{ 850 1,584 466
Ipil	Ambos Camarines	{ Average Maximum Minimum	{ .798 .99 .68	{ 904 1,310 458

TABLE NO. 32.—*Shearing strength along the grain of Philippine timbers—*
Continued.

Name.	Locality.		Number of tests.	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Ipil	Mindoro	{ Average..... Maximum..... Minimum..... }	90	{ 0.673 .77 .56 }	948 1,445 410
Do	Palawan	{ Average..... Maximum..... Minimum..... }	80	{ .807 .867 .75 }	753 1,226 525
Dungon	Ambos Camarines	{ Average..... Maximum..... Minimum..... }	98	{ .852 .985 .723 }	1,253 1,854 672
Do	Masbate	{ Average..... Maximum..... Minimum..... }	46	{ .85 .89 .816 }	1,298 1,560 925
Do ^a	Mindanao	{ Average..... Maximum..... Minimum..... }	44	{ .669 .707 .636 }	855 1,102 563
Malasantol	Unknown	{ Average..... Maximum..... Minimum..... }	54	{ .646 .712 .608 }	720 1,110 409
Supa	do	{ Average..... Maximum..... Minimum..... }	86	{ .71 .835 .61 }	898 1,480 520
Do	Tayabas	{ Average..... Maximum..... Minimum..... }	118	{ .813 .955 .70 }	852 1,380 293
Balacat	{ Linao Forest Reserve, Bataan. }	{ Average..... Maximum..... Minimum..... }	16	{ .517 .57 .478 }	486 638 300
Do	Tarlac	{ Average..... Maximum..... Minimum..... }	117	{ .578 .66 .515 }	692 1,281 253
Macaasim	Unknown	{ Average..... Maximum..... Minimum..... }	92	{ .717 .82 .667 }	916 1,390 376
Calantas	Albay	{ Average..... Maximum..... Minimum..... }	34	{ .358 .379 .336 }	526 870 289
Do	Mindoro	{ Average..... Maximum..... Minimum..... }	35	{ .527 .583 .492 }	778 1,049 455
Tindalo	Unknown	{ Average..... Maximum..... Minimum..... }	20	{ .763 .864 .734 }	1,004 1,460 685
Do	Ambos Camarines	{ Average..... Maximum..... Minimum..... }	56	{ .805 .866 .72 }	911 1,507 299
Do	Masbate	{ Average..... Maximum..... Minimum..... }	36	{ .772 .813 .68 }	905 1,226 496
Amuguis	Mindoro	{ Average..... Maximum..... Minimum..... }	60	{ .692 .75 .621 }	824 1,762 396
Do	Palawan	{ Average..... Maximum..... Minimum..... }	14	{ .675 .753 .613 }	851 1,107 641

^a This is not the wood commonly known as dungon but is often sold under that name.

TABLE No. 32.—*Shearing strength along the grain of Philippine timbers—Continued.*

Name.	Locality.		Number of tests.	Specific gravity of dry wood.	Stress at rupture (pounds per square inch).
Acle.....	Tarlac.....	{ Average..... Maximum..... Minimum..... }	36	{ .63 .707 .598 }	686 1,270 420
Do.....	Zambales.....	{ Average..... Maximum..... Minimum..... }	11	{ .579 .604 .553 }	778 1,190 443
Betis.....	Tayabas.....	{ Average..... Maximum..... Minimum..... }	38	{ .856 .886 .82 }	1,168 1,556 598
Do.....	Ambos Camarines.....	{ Average..... Maximum..... Minimum..... }	61	{ .728 .806 .615 }	819 1,243 474
Bansalaguin.....	Unknown.....	{ Average..... Maximum..... Minimum..... }	48	{ .85 .905 .784 }	1,098 1,865 695
Palo Maria.....	Zambales.....	{ Average..... Maximum..... Minimum..... }	46	{ .623 .708 .488 }	856 1,681 528
Batitinan.....	Unknown.....	{ Average..... Maximum..... Minimum..... }	26	{ .795 .85 .76 }	859 2,195 535
Aranga.....	Ambos Camarines.....	{ Average..... Maximum..... Minimum..... }	82	{ .863 .942 .796 }	1,038 2,324 355
Banuyo.....	Masbate.....	{ Average..... Maximum..... Minimum..... }	38	{ .525 .572 .455 }	596 1,065 287
Red Lauan.....	Occidental Negros.....	{ Average..... Maximum..... Minimum..... }	28	{ .406 .43 .371 }	602 761 332
Palosapis (Mayapis).....	Laguna.....	{ Average..... Maximum..... Minimum..... }	40	{ .399 .456 .343 }	472 790 288
Malugay.....	Mindoro.....	{ Average..... Maximum..... Minimum..... }	78	{ .658 .75 .553 }	980 1,835 464
Sasalit.....	Zambales.....	{ Average..... Maximum..... Minimum..... }	75	{ .872 .995 .742 }	1,176 1,938 708
Liusin.....	Bataan.....	{ Average..... Maximum..... Minimum..... }	8	{ .71 .73 .70 }	886 1,388 543
Lumbayao.....	{ Basilan Island, Moro Province. }	{ Average..... Maximum..... Minimum..... }	104	{ .565 .671 .483 }	827 1,306 353

TABLE NO. 33.—*Comparison of selected Philippine, Borneo and American woods.*

[Source: Bureau of Forestry.]

Name.	Locality.	Compression along the grain.		Cross-bending.			
		Average per cent mois- ture.	Average stress at rupture (pounds per square inch).	Average per cent mois- ture.	Average modulus of rup- ture (pounds per square inch).	Average modulus of elas- ticity (1,000 pounds per square inch).	Average specific gravity of dry wood.
Aranga	Philippine Islands..	4.9	12,420	5.6	17,920	2,419	0.859
Bilian (Borneo iron- wood)	Borneo	22.5	11,290	22.5	19,660	2,384	.96
Pignut hickory	United States	12	10,900	12	18,700	2,730	.78
Dungon	Philippine Islands..	10.7	9,420	11.6	17,110	2,209	.857
Yacal	do	13.4	9,220	15.6	15,690	2,583	.843
Merabau (Borneo ipil) ..	Borneo	21	9,035	21	18,830	2,505	.965
White oak	United States	12	8,600	12	13,100	2,090	.80
Molave	Philippine Islands..	12.7	8,330	10.4	8,580	1,614	.785
Guijo	do	14.6	7,940	13.7	15,150	2,158	.708
Selangan batu (Borneo yacal)	Borneo	27.6	7,420	27.6	12,325	2,027	.689
Apitong	Philippine Islands..	14.4	7,250	14	11,620	2,144	.645
Longleaf pine	United States	15	6,900	15	10,900	1,890	.61
Ipil	Philippine Islands..	17.7	6,570	18.1	6,980	1,383	.792
Lauan	do	12.4	6,180	10.4	9,760	1,653	.446
Oregon pine	United States	12	5,700	12	7,900	1,680	.51
California redwood	do	13.3	5,560	12.3	9,110	1,320	.445

TABLE NO. 34.—*Number of carabaos in the Philippine Islands, by provinces, 1903-1917.*

[Sources: Philippine Census, 1903, and Bureau of Agriculture.]

Provinces.	1903 a	1913	1914 .	1915	1916	1917
Abra	6,331	(b)	(b)	(b)	(b)	24,004
Agusan		1,233				1,917
Albay	6,523	13,478	14,539	15,865	18,972	20,170
Ambos Camarines	7,428	19,589	21,256	22,837	23,320	25,168
Antique	13,147	21,893	22,869	26,615	25,793	25,367
Bataan	4,666	8,423	9,044	9,897	9,541	9,791
Batanes					354	358
Batangas	8,858	15,089	16,229	17,062	17,962	18,231
Bohol	16,325	38,400	41,697	44,933	46,588	49,021
Bukidnon						442
Bulacan	22,937	46,232	50,552	56,677	53,227	44,988
Cagayan	28,136	42,655	47,464	55,649	54,505	62,460
Capiz	13,784	33,894	36,236	40,373	43,485	44,386
Cavite	7,801	13,526	15,407	17,929	20,001	18,382
Cebu	38,204	39,784	42,682	45,806	48,200	50,839
Cotabato	138					413
Davao	2,312					5,770
Ilocos Norte	32,129	48,456	50,587	52,202	52,710	58,485
Ilocos Sur	28,449	54,064	59,184	62,527	70,418	45,686
Iloilo	36,823	52,998	56,803	59,900	58,587	60,315
Isabela	14,778	29,570	32,929	36,428	33,418	34,431
Laguna	8,237	21,442	23,034	24,708	24,627	22,686
Lanao						345
La Union	25,041	34,494	35,380	36,176	38,309	38,335
Leyte	23,795	34,825	36,765	39,400	42,794	46,995
Manila	1,707					
Mindanao and Sulu (Moro)		10,597	24,750	19,116	16,950	
Mindoro	6,640	11,226	11,995	11,304	13,809	16,322
Misamis	10,638	12,697	13,992	14,524	15,190	16,752
Mountain	452	21,415	23,812	26,204	25,668	31,129
Nueva Ecija	14,361	40,386	48,808	52,270	52,530	54,863
Nueva Vizcaya	2,616	7,256	8,179	10,086	11,098	10,606
Occidental Negros	42,707	44,808	47,144	50,914	46,536	48,078
Oriental Negros	18,429	15,382	17,544	18,493	18,774	19,488
Palawan	3,164	5,633	5,136	1,599	5,453	6,432
Pampanga	28,706	42,373	43,112	43,570	41,896	41,153
Pangasinan	53,836	112,659	117,183	122,147	108,605	114,711
Rizal	8,268	20,541	23,087	23,532	21,229	20,305
Romblon	10,125	(c)	(c)	(c)	(c)	(c)
Samar	12,986	10,734	11,936	13,175	15,698	16,886
Sorsogon	8,797	17,856	20,356	21,082	22,377	22,530
Sulu	11					805
Surigao	6,507	15,900	17,357	18,738	19,117	21,666
Tarlac	21,836	30,438	37,701	42,415	41,228	39,549
Tayabas	17,935	33,741	36,694	39,901	42,612	44,878
Zambales	20,245	23,477	25,990	27,812	27,255	27,033
Zamboanga	5,083					9,187
Total	640,871	1,047,164	1,147,433	1,221,866	1,228,836	1,271,208

a Census of the Philippine Islands, 1903, the rest are from the Bureau of Agriculture.

b See Ilocos Sur.

c See Capiz.

NOTE.—No data available for the city of Manila from 1913 to 1917.

TABLE NO. 35.—*Number of cattle (cows) in the Philippine Islands, by provinces, 1903–1917.*

[Sources: Philippine Census, 1903, and Bureau of Agriculture.]

Provinces.	1903 a	1913	1914	1915	1916	1917
Abra	1,029	(b)	(b)	(b)	(b)	11,639
Agusan		489				498
Albay	343	1,870	2,374	2,679	3,677	3,988
Ambos Camarines	493	2,345	2,905	3,310	3,480	3,476
Antique	1,744	11,801	13,063	16,031	18,111	19,547
Bataan	20	613	749	873	914	779
Batanes		12,260	12,357	13,063	12,216	13,610
Batangas	15,331	69,439	81,156	85,182	97,861	94,884
Bohol	2,321	15,573	17,690	21,634	23,667	24,671
Bukidnon						52
Bulacan	314	2,336	2,521	3,863	3,426	2,692
Cagayan	22,189	13,059	13,954	14,949	17,011	17,907
Capiz	580	15,294	18,945	22,463	22,277	23,095
Cavite	1,088	6,263	6,975	11,031	11,080	12,180
Cebu	4,960	14,894	16,655	18,936	23,454	26,701
Cotabato	28					429
Davao	5,965					18,148
Ilocos Norte	3,833	11,241	12,837	13,370	13,335	16,043
Ilocos Sur	9,053	21,820	24,702	27,334	31,488	22,715
Iloilo	4,693	19,022	22,034	24,674	30,849	36,612
Isabela	980	2,559	3,043	3,788	3,926	4,111
Laguna	583	4,613	4,441	5,394	7,872	7,356
Lanao						728
La Union	2,053	5,173	5,490	6,231	6,134	7,625
Leyte	3,523	11,616	13,964	15,788	17,603	20,770
Manila	310					
Mindanao and Sulu (Moro)		27,531	30,632	37,807	20,204	
Mindoro	12,147	24,738	26,153	25,385	30,319	32,112
Misamis	798	2,741	3,499	3,749	3,462	4,205
Mountain	746	23,429	24,424	24,962	24,619	26,534
Nueva Ecija	418	3,113	3,894	4,613	4,422	5,563
Nueva Vizcaya	254	2,050	2,398	3,396	3,921	3,513
Occidental Negros	4,232	14,543	16,499	18,238	17,854	19,519
Oriental Negros	2,276	6,626	7,655	9,158	11,565	12,379
Palawan	5,934	11,228	11,847	9,638	13,605	16,015
Pangasinan	3,136	14,059	15,714	17,472	15,371	16,126
Pampanga	276	2,131	2,257	2,374	1,509	1,508
Rizal	114	3,169	3,755	4,449	2,752	3,092
Romblon	4,582	(c)	(c)	(c)	(c)	(c)
Samar	1,161	2,539	3,054	3,382	4,131	4,734
Sorsogon	2,479	11,709	15,614	17,516	19,923	21,760
Sulu	39					1,168
Surigao	409	847	3,844	3,361	3,632	1,096
Tarlac	564	2,163	2,365	2,932	1,698	1,918
Tayabas	4,303	17,202	21,229	27,315	28,775	29,783
Zambales	1,854	6,016	7,048	7,766	8,066	8,734
Zamboanga	404					3,092
Total	127,559	418,114	477,736	534,106	566,199	603,107

* Census of the Philippine Islands, 1903, the rest are from the Bureau of Agriculture.

b See Ilocos Sur.

c See Capiz.

NOTE.—No data available for the city of Manila from 1913 to 1917.

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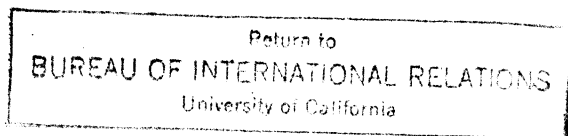


TABLE NO. 36.—*Number of horses and mules in the Philippine Islands, by provinces, 1903-1917.*

[Sources: Philippine Census and Bureau of Agriculture.]

Provinces.	1903 a	1913 b	1914 b	1915 b	1916 b	1917 b
Abra	7,049	(c)	(c)	(c)	(c)	6,468
Agusan		382				233
Albay	2,997	3,531	4,021	4,417	4,882	3,678
Ambos Camarines	821	604	601	745	732	389
Antique	923	490	606	702	690	599
Bataan	94	223	253	249	262	394
Batanes		28	37	35	37	39
Batangas	15,598	26,322	28,698	31,131	29,559	31,186
Bohol	2,158	3,274	3,821	4,095	4,228	4,209
Bukidnon						725
Bulacan	1,781	3,458	3,957	4,485	4,031	4,529
Cagayan	6,904	9,010	9,634	10,831	6,068	6,295
Capiz	682	2,291	2,960	3,420	3,395	3,432
Cavite	3,316	8,838	10,140	13,517	13,769	11,886
Cebu	8,427	11,660	13,348	14,922	14,582	14,089
Cotabato	26					26
Davao	383					1,964
Ilocos Norte	11,142	11,352	12,327	12,644	10,579	13,611
Ilocos Sur	3,594	7,417	8,732	9,486	10,445	4,641
Iloilo	1,798	1,382	1,465	1,608	1,480	1,653
Isabela	2,783	5,268	6,205	6,864	5,319	6,468
Laguna	5,841	8,675	9,211	9,680	9,464	9,304
Lanao						141
La Union	2,019	2,375	2,599	2,882	2,525	2,604
Leyte	4,311	5,618	6,515	6,926	6,696	7,918
Manila	8,977					
Mindanao and Sulu		d 6,233	20,568	6,940	4,036	
Mindoro	2,505	4,235	4,254	2,410	2,436	3,337
Misamis	7,110	4,663	5,630	6,161	4,192	4,173
Mountain	436	3,710	3,779	4,049	4,326	4,997
Nueva Ecija	539	1,440	1,938	2,259	1,702	1,951
Nueva Vizcaya	318	1,111	1,206	1,503	1,375	891
Occidental Negros	2,017	2,000	2,400	2,502	2,377	2,360
Oriental Negros	4,295	5,582	6,626	7,106	7,708	8,487
Palawan	191	201	180	134	162	219
Pampanga	1,741	3,918	4,682	4,793	4,105	4,129
Pangasinan	1,733	6,550	8,180	9,635	8,430	9,360
Rizal	1,226	2,242	2,383	3,182	3,249	4,019
Romblon	1,458	(e)	(e)	(e)	(e)	(e)
Samar	713	881	1,184	1,357	1,324	1,495
Sorsogon	8,574	3,483	4,339	5,360	5,248	4,974
Sulu	7					334
Surigao	883	3,206	3,666	4,420	4,106	4,747
Tarlac	662	1,404	1,830	2,178	1,895	1,692
Tayabas	14,301	13,558	15,547	17,732	14,990	15,892
Zambales	3,116	2,474	2,304	2,835	3,076	3,285
Zamboanga	722					1,321
Total	144,171	179,089	215,826	223,195	203,430	214,204

a Census of the Philippine Islands, 1903.

b Bureau of Agriculture.

c See Ilocos Sur.

d For Moro.

e See Capiz.

NOTE.—No data available for the City of Manila from 1913 to 1917.

TABLE No. 37.—*Output of mineral products in the Philippine Islands, 1907–1917.*
A. METALLIC.

[Source: Bureau of Science.]

Year.	Iron.		Silver. ^a		Gold.		Copper.		Manganese ore.		Total value.
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	<i>Met. tons.</i>	<i>Pesos.</i>	<i>Fine grams.</i>	<i>Pesos.</i>	<i>Fine grams.</i>	<i>Pesos.</i>	<i>Kilograms.</i>	<i>Pesos.</i>	<i>Met. tons.</i>	<i>Pesos.</i>	<i>Pesos.</i>
1907.....	132	19,536	2,581	110	141,209	187,647	.....	.....	.....	.....	207,293
1908.....	96.5	17,500	73,093	2,491	326,897	434,500	91	52	.....	.....	454,543
1909.....	78	31,078	93,310	3,120	372,557	495,194	.....	.....	.....	.....	641,892
1910.....	50	20,028	55,986	1,944	232,311	308,860	1,809	464	.....	12,500	331,291
1911.....	37	29,159	105,191	3,606	285,840	379,906	1,100	600	.....	.....	413,271
1912.....	141	49,272	221,487	8,664	857,896	1,140,424	.....	.....	.....	.....	1,198,360
1913.....	227	64,471	.....	.....	42,011	1,736,724	.....	.....	.....	.....	1,801,195
1914.....	199	56,274	10,000	9,878	58,235	2,349,267	.....	.....	.....	.....	2,415,419
1915.....	96	22,694	486,917	15,665	1,981,587	2,633,528	.....	.....	.....	.....	2,671,887
1916.....	93	18,864	151,519	7,576	2,265,789	3,011,755	.....	.....	.....	.....	3,068,195
1917.....	50	18,000	125,000	6,250	2,119,000	2,816,638	.....	.....	3,000	30,000	2,840,888

^a The gold bullion produced carries from 5 to 30 per cent of silver as a natural alloy.

TABLE No. 37.—*Output of mineral products in the Philippine Islands, 1907-1917*—Continued.

B. NON-METALLIC.

[Source: Bureau of Science.]

Year.	Coal.		Clay products.		Lime.		Sand and gravel.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
	<i>Met. tons.</i>	<i>Pesos.</i>	<i>Number.</i>	<i>Pesos.</i>	<i>Met. tons.</i>	<i>Pesos.</i>	<i>Cu. m.</i>	<i>Pesos.</i>
1907.....	4,123	26,799	.....	.....	.....	.....	.....	.....
1908.....	10,755	77,166	.....	421,628	.....	20,000	.....	206,360
1909.....	30,836	197,184	.....	422,840	.....	69,656	.....	325,050
1910.....	28,655	176,255	.....	430,000	.....	70,000	.....	293,456
1911.....	20,000	130,000	.....	450,000	.....	90,000	.....	477,844
1912.....	2,720	20,206	.....	453,000	.....	92,026	.....	468,750
1913.....	.....	.....	.....	460,000	11,050	102,700	689,011	595,645
1914.....	.....	.....	.....	465,000	11,000	100,000	723,461	625,429
1915.....	.....	.....	.....	475,000	12,520	144,000	650,200	580,580
1916.....	.....	.....	.....	686,078	12,792	153,075	657,937	587,547
1917.....	3,200	80,000	.....	900,000	14,000	270,000	725,000	700,000

Year.	Stone.		Salt.		Mineral waters.		Total value.
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	Cu. m.	Pesos.	Mel. tons.	Pesos.	Liters.	Pesos.	
1907	.....	.....	.....	.....	268,440	53,688	Pesos. 26,799
1908	.....	149,930	.....	.....	401,000	80,200	928,772
1909	.....	311,177	.....	375,368	230,000	46,000	1,781,475
1910	.....	372,575	.....	380,000	300,000	60,000	1,768,286
1911	.....	655,795	18,333	350,000	264,871	55,849	2,413,139
1912	.....	651,049	19,147	574,511	270,000	60,000	2,315,385
1913	197,039	350,041	19,500	575,000	293,381	50,000	2,143,385
1914	206,890	367,543	20,000	590,000	305,400	55,000	2,197,972
1915	267,910	341,119	22,500	600,000	3,523,630	82,994	2,195,699
1916	211,044	344,871	24,750	742,500	3,350,000	85,000	2,596,065
1917	230,000	350,000	26,000	780,000	.....	.....	3,165,000

^a Estimated production of the Bureau of Public Works which is the largest single producer.

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TABLE NO. 38.—*Location and character of minerals and mining claims in the Philippine Islands, by provinces, from July 1, 1902, to December 31, 1918.*^a

[Source: Bureau of Lands.]

Province.	Character of mineral.			Kind of mineral and number of claims.																							Total.						
	Lode.	Placer.	Not stated.	Aluminum.	Asbestos.	Building stone.	Copper.	Feldspar.	Galena.	Gold.	Grindstone.	Guano.	Iron.	Kaolin.	Limestone.	Lithographic stone.	Marble.	Mica.	Ocher.	Petroleum.	Pitch and oil.	Quartz.	Rubies.	Silica.	Silver.	Sulphur.		Whetstone.	Zinc.	Unclassified.			
Agusan	27	332								358		2							1											32	359		
Albay	3	78								47																					81	81	
Ambos Camarines	1,019	536								1,555																					1,555	1,555	
Antique	138	2								5																					135	140	
Batangas	28	21								13		5		2															11		49	49	
Benguet ^b	1,830	130								1,948		2			4								1									1,960	
Bukidnon		3								3																						3	
Butuan	119	127	25					1		47		14	97	2		12													4		94	271	
Cagayan	6	21										4			2																1	27	
Capiz		20								7		7			4			1													1	20	
Cavite		1																														1	1
Cebu	14	54										14																				68	68
Cotabato		260																														8	260
Ilocos Norte	55	46																														101	101
Ilocos Sur	3	8												1	4				2	1			1		3							11	11
Iloilo	4	67	10							4		63																				81	81
Laguna		2																														23	23
La Union		31								2				21																		31	31
Lepanto Bontoc ^b	395	52								15		1																				447	447
Leyte	9	88					11			361					1																	97	97
Mindanao and Sulu ^c	8	67								3												29										74	74
Mindoro	22	104								75																						65	65
Misamis	53	80								62		6																				75	75
Nueva Ecija		36								78								1			8											126	126
Occidental Negros	2	535								161																						133	133
Oriental Negros		6																														36	36
Palawan		3										6																				6	6
Pangasinan	199	361					22					3	1																			3	3
																																405	560

Rizal	9	156	38	1	78	29	6	2	10												31	195									
Sorsogon	1,194	57	139		1,109	1			2												1	1,251									
Sulu	1																				1	1									
Surigao	106	405	4		504																3	511									
Tarlac	8	12	9		6	1															4	20									
Tayabas	103	1,703	3		4	117		34	3												27	1,806									
Zambales	4	15	26		1	7		6													1	96									
Zamboanga		2	3		2																51	2									
Total	5,361	5,470	112	2	44	57	607	1	5	6,683	1	237	105	28	32	12	55	2	2	2	1,893	29	1	1	3	12	30	15	1	1,083	10,943

^a Leases executed for coal fields up to December 31, 1918, under the new coal land law (Act No. 2719, approved May 14, 1917) are as follows: Albay, one with an area of 400 hectares; and Cebu, one with an area of 1,112 hectares. Patents issued for coal fields under the provisions of the old coal land law, Act 1128, are as follows: Albay, 6 with an area of 96 hectares; Cebu, 3 with an area of 192 hectares; Mindoro, 1 with an area of 34.6 hectares; Sorsogon, 1 with an area of 32 hectares. Coal land permits granted up to December 31, 1918, under Act No. 2719 are 21 with an area of 77.6 hectares, 19 of which, with a total area of 69.6 hectares, are in the Province of Cebu.

No reports received from Bataan, Cagayan, Capiz, Cavite, Isabela, Occidental Negros, Palawan, Samar, Sorsogon, and Moro for 1914; Cagayan and Moro for 1915; Ambos Camarines and Tayabas for 1916.

^b Subprovince of Mountain Province.

^c For Moro.

TABLE NO. 39.—*Number of cigar factories and quantity produced, 1906–1918.*

[Source: Bureau of Internal Revenue.]

Year ended—	Number of factories.	Number of cigars manufactured for—			Increase(+) or decrease(—)	
		Local consumption.	Export.	Total.	Quantity.	Per cent.
June 30:						
1906		74, 184, 537	94, 341, 542	168, 526, 079		
1907		79, 476, 459	117, 766, 660	197, 243, 119	+ 28, 717, 040	+17.04
1908		82, 986, 278	115, 768, 509	198, 754, 787	+ 1, 511, 668	+ 0.77
1909	263	86, 800, 520	117, 849, 381	204, 649, 901	+ 5, 895, 114	+ 2.97
1910	124	89, 272, 890	196, 288, 438	285, 561, 328	+ 80, 911, 427	+39.54
1911	105	96, 115, 525	132, 135, 766	228, 251, 291	— 57, 310, 037	—20.07
1912	106	109, 924, 014	174, 994, 881	284, 918, 845	+ 56, 667, 554	+24.83
1913	81	96, 193, 811	209, 457, 618	305, 651, 429	+ 20, 732, 584	+ 7.28
December 31:						
1913 a	81	94, 048, 488	188, 048, 508	282, 096, 996		
1914	83	90, 624, 757	152, 509, 443	243, 134, 200	— 38, 962, 796	—13.81
1915	77	46, 384, 157	137, 924, 235	184, 308, 392	— 58, 825, 808	—24.19
1916	77	80, 518, 378	191, 349, 900	271, 868, 278	+ 87, 559, 886	+47.51
1917	74	104, 460, 749	307, 677, 458	412, 138, 207	+140, 269, 929	+51.59
1918	82	117, 651, 468	367, 022, 982	484, 674, 450	+ 72, 536, 243	+17.60

a From January to December 31.

TABLE NO. 40.—*Number of cigarette factories and quantity produced, 1906–1918.*

[Source: Bureau of Internal Revenue.]

Year ended—	Number of factories.	Number of cigars manufactured for—			Increase(+) or decrease(—)	
		Local consumption.	Export.	Total.	Quantity.	Per cent.
June 30:						
1906		3, 509, 038, 750	21, 062, 844	3, 530, 101, 594		
1907		3, 509, 999, 575	158, 349, 804	3, 668, 349, 379	+138, 247, 785	+3.92
1908		3, 774, 303, 310	72, 387, 396	3, 846, 690, 706	+178, 341, 327	+4.86
1909	263	4, 123, 335, 209	53, 250, 328	4, 175, 635, 537	+328, 944, 831	+8.55
1910	124	4, 138, 647, 668	34, 859, 581	4, 173, 507, 249	— 2, 128, 288	—0.05
1911	105	4, 058, 603, 123	35, 425, 865	4, 094, 028, 988	— 79, 478, 261	—1.90
1912	106	4, 369, 153, 048	35, 776, 760	4, 404, 929, 808	+310, 900, 820	+7.59
1913	81	4, 449, 340, 088	51, 431, 838	4, 500, 771, 926	+ 95, 842, 118	+2.18
December 31:						
1913 a	81	4, 338, 233, 154	46, 574, 093	4, 384, 807, 247		
1914	83	4, 366, 293, 508	45, 628, 804	4, 411, 922, 312	— 27, 115, 065	— 0.62
1915	77	3, 814, 861, 007	44, 746, 258	3, 859, 607, 265	—552, 315, 047	—12.52
1916	77	4, 135, 448, 970	45, 224, 542	4, 180, 673, 512	+321, 066, 247	+ 8.32
1917	22	4, 540, 519, 812	57, 834, 687	4, 598, 354, 499	+417, 680, 987	+ 9.99
1918	23	4, 600, 980, 458	119, 025, 217	4, 720, 005, 675	+121, 651, 176	+ 2.65

a From January 1 to December 31.

TABLE NO. 41.—*Annual production of domestic distilled spirits, fermented liquors and wines, 1905–1918.*

[Source: Bureau of Internal Revenue.]

Year ended—	Distilled spirits.		Fermented liquors.	Wines.	Total output of distilled spirits, fermented liquors and wines.	Increase (+) or decrease (—).	
	Number of distilleries.	Quantity produced.				Quantity.	Percent.
		<i>Proof liters.</i>	<i>Gauge liters.</i>	<i>Gauge liters.</i>	<i>Liters.</i>	<i>Liters.</i>	
June 30:							
1905 ^a -----		3,757,191			3,757,191		
1906 -----		6,461,949	b 3,028,960		9,490,909	+5,733,718	+152.61
1907 -----	50	8,295,884	b 3,059,750		11,355,634	+1,864,725	+ 19.65
1908 -----	68	8,657,925	b 3,434,750		12,092,675	+ 737,041	+ 6.49
1909 -----	78	9,532,537	b 3,636,500		13,169,037	+1,076,362	+ 8.90
1910 -----	68	10,584,124	b 3,837,000	361,231	14,782,355	+1,613,318	+12.25
1911 -----	67	10,471,299	3,887,500	534,783	14,893,582	+ 111,227	+ .75
1912 -----	70	11,426,728	4,466,250	679,370	16,572,348	+1,678,766	+11.27
1913 -----	75	11,276,298	3,663,750	727,976	15,668,024	— 904,324	— 5.46
December 31:							
1913 -----	75	10,813,114	3,765,000	823,294	15,401,408		
1914 -----	79	11,847,354	3,915,000	1,000,331	16,762,685	+1,361,277	+ 8.84
1915 -----	75	7,164,723	3,667,703	c 925,978	11,758,404	—5,004,281	—29.85
1916 -----	80	10,350,363	5,720,770	c 820,411	16,891,544	+5,133,140	+43.66
1917 -----	80	15,073,758	5,875,200	c 1,599,924	22,548,882	+5,657,338	+33.49
1918 -----	81	15,931,402	4,236,200	c 1,602,346	21,769,948	— 778,934	— 3.45

^a Act No. 1189 did not become operative on distilled spirits until January 1, 1905.^b Estimated.^c Includes both domestic and imported.

TABLE No. 42.—Coconut oil production, by provinces, from 1910 to 1918.

[Source: Bureau of Agriculture.]

Provinces.	Year ended June 30—								
	1910	1911	1912	1913	1914	1915	1916	1917	1918
	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)	Liter. (a)
Abrá.....			367	150				815	438
Agusan.....		133,265	189,882	528,725	645,133	590,912	557,685	464,743	452,078
Albay.....	1,573,841	172,185	114,380	160,516	205,173	274,975	210,843	67,910	75,250
Ambos Camarines.....	120,319	9,195	9,803	1,983	1,363	2,478	8,093	5,626	6,762
Antique.....	18,884								
Bataan.....									
Batanes.....			985	909	2,484	2,415	2,875	1,738	1,965
Batangas.....									511
Bohol.....	342,228	335,659	57,824	73,732	66,391	99,712	91,104	73,467	80,078
Bukidnon.....	(c)	(c)	(c)	(c)	(b)	(b)	(b)		
Bulacan.....									
Cagayan.....			778	1,450	429	45,203	104	1,126	10,063
Capiz.....	49,068	296,875	171,804	49,073	84,865	96,579	144,554	58,111	58,398
Cavite.....									
Cebu.....	954,025	686,706	95,623	118,628	106,704	216,285	251,309	250,300	275,230
Cotabatto.....	(b)	(b)	(b)	(b)	(b)	(b)	(b)	390	
Davao.....								5,800	550
Ilocos Norte.....	21,782		2,266	2,177	635	530		2,533	450
Ilocos Sur.....	1,838		1,257	1,257	152	2,892	2,441	2,533	
Iloilo.....	43,368	36,950	31,541	24,365	23,286	25,743	22,753	29,599	11,447
Isabela.....				150	1,036	1,776	975	833	397
Laguna.....			3,305,165	2,550,317	1,859,824	1,121,930	802,532	1,050,266	2,683,234
Lanao.....	2,169,580	4,230,492	(b)	(b)	(b)	(b)	(b)	26,700	23,000
La Union.....	15,194	7,924	4,436	11,126	8,849	9,692	17,900	17,818	18,208
Leyte.....	138,951	216,073	229,547	606,562	256,071	318,285	261,188	135,350	169,675
Mindanao and Sulu (Moro)	350,108	1,138	105,600	6,268	2,827	11,247	13,354		
Mindoro.....	17,141	1,185	1,999	1,108	520	635	385	474	1,255
Misamis.....	71,880	3,270	5,166	26,335	13,938	14,799	12,851	17,753	26,841
Mountain.....			386	426	1,463	639	457	1,542	2,769
Nueva Ecija.....			7	91				342	
Nueva Vizcaya.....	307		235	885	1,530	1,904	491	335	2,447
Occidental Negros.....	67,814	31,877	44,295	30,342	6,234	2,982	1,640	6,873	12,813
Oriental Negros.....	12,923	5,274	567	3,384	2,216	6,462	2,195	2,872	5,852
Palawan.....			1,103	17,321	1,884	1,916	1,675	2,720	2,170
Pampanga.....									
Pangasinan.....	235,556	199,803	85,308	75,217	110,352	153,646	120,557	122,285	183,819
Rizal.....									
Romblon.....									
Samar.....	62,866	130,054	125,263	(d)	(d)	(d)	(d)	(d)	582
Sorsogon.....	69,915	68,252	59,605	79,501	7,027	19,278	10,161	9,526	26,120
				14,149	20,101	34,716	29,134	14,702	43,925

TABLE NO. 43.—*Factories and industrial establishments in the city of Manila and provinces from January 1, 1911 to December 31, 1918.*

[Source: Bureau of Labor.]

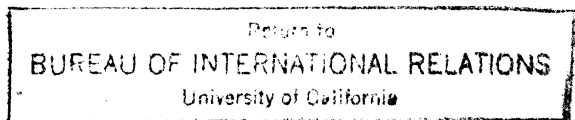
Factories and industrial establishments.	City of Manila.		Provinces. ^a		Total.	
	Number of factories.	Number of laborers.	Number of factories.	Number of laborers.	Number of factories.	Number of laborers.
Abaca weaving			18	29	18	29
Abaca pressing			38	2,829	38	2,829
Aerated water	12	155	28	126	40	281
Alparagatas			1	39	1	39
Apron			1	1	1	1
Bakeries and sweetmeats	64	841	646	2,050	710	2,891
Basi and tuba			893	483	393	483
Bed and harp	1	3	6	21	7	24
Billiard pool			1	2	1	2
Boat construction	1	4	15	397	16	401
Bolo and razor			131	308	131	308
Breweries	2	232			2	232
Brick and paving stones			10	110	10	110
Brush			1	3	1	3
Button factory	1	200			1	200
Candle and candle-stick	11	61	5	26	16	87
Car, carriages, and other vehicles	46	332	157	712	203	1,044
Caramel	16	109	2	6	18	115
Carpentry shops	54	147	25	106	79	253
Casco construction			3	16	3	16
Chocolate	29	272	4	9	33	281
Cigarette cases			4	7	4	7
Cigar and cigarettes	42	10,443	46	1,086	88	11,529
Charcoal			6	3	6	3
Coffee grinding	2	4			2	4
Comb	3	7			3	7
Copra			2	9	2	9
Distilleries	14	193	1,030	4,727	1,030	4,727
Drug	1	16	71	590	85	783
Dyeing	4	25			4	25
Electric power plants	1	214	6	54	7	268
Fertilizer	1	8			1	8
Firewood			19	145	19	145
Firework			4	8	4	8
Fishing, pearl, and shell	46	180	1,443	5,841	1,489	6,021
Fish net and trap			380	4,417	380	4,417
Foundries and smitheries	51	278	149	1,101	200	1,379
Furniture	82	1,401	38	921	150	2,322
Gas	1	89			1	89
Glass	1	69	1	56	2	125
Harness and saddlery	14	76	16	41	30	117
Hat weaving and moulding shops	15	789	23	71	38	860
Hemp braid			1	95	1	95
Hemp industry			9	488	9	488
Horse shoes			2	5	2	5
Ice plant	3	83	16	144	19	227
Ink	1	5			1	5
Lantern			1	1	1	1
Lime	2	4	25	151	27	155
Lumber cutting			80	1,229	80	1,229
Machinery, foundry, and shipyards	15	1,105	7	397	22	1,502
Maguay			3	48	3	48
Marble and cabinet	16	60			16	60
Mats			15	43	15	43
Matches	1	253			1	253
Mining			8	1,726	8	1,726
Nipa weaving			48	666	48	666
Oil	2	37	6	18	8	55
Pail and baluster			3	9	3	9
Paste	10	62	4	16	14	78
Perfume	1	14	1	2	2	16
Pottery			41	325	41	325
Preserving factory	1	70			1	70
Printing shops	43	677	20	106	63	783
Rafts	3	6			3	6
Rattan			8	89	8	89
Rattan cutting			62	837	62	837
Rice threshers			5	197	5	197
Carried forward	613	18,524	5,139	33,053	5,752	51,577

^a 128 warehouses employing a total of 2,463 laborers, and 10 barber shops employing 1 laborer (owners not included) are not included in this statement.

TABLE NO. 43.—*Factories and industrial establishments in the city of Manila and provinces from January 1, 1911 to December 31, 1918—Continued.*

Factories and industrial establishments	City of Manila.		Provinces. ^a		Total.	
	Number of factories.	Number of laborers.	Number of factories.	Number of laborers.	Number of factories.	Number of laborers.
Brought forward	613	18,524	5,139	33,053	5,752	51,577
Rice mills	2	66	283	4,409	285	4,475
Rope	2	135	2	60	4	195
Sail-making	4	14			4	14
Salt			107	1,002	107	1,002
Salted pork	1	5			1	5
Saw mills	21	1,207	58	1,841	79	3,048
Sculpture and marble cutting	18	94	1	1	19	95
Shoes, slippers, and wooden	268	820	342	1,736	610	2,556
Soap	40	144	38	128	78	272
Soup, and soup-paste sauce			5	78	5	78
Spinnery	1	251	1	28	2	279
Stock farm			13	43	13	43
String instruments	13	25	2	5	15	30
Sugar mills			3,213	110,300	3,213	110,300
Tailor shops			38	80	38	80
Tanks			1	4	1	4
Tanneries	10	43	47	170	57	213
Tile and bricks	2	103	10	83	12	186
Tin shops	51	118	18	36	69	154
Tobacco leaf curing			175	6,454	175	6,454
Weaving	1	279	43	778	44	1,057
Total	1,047	21,828	9,536	160,289	10,583	182,117

^a 128 warehouses employing a total of 2,463 laborers, and 10 barber shops employing 1 laborer (owners not included) are not included in this statement.



GRAPH I.

Values of Imports, Exports and Total Trade of the Philippine Islands, 1875-1919

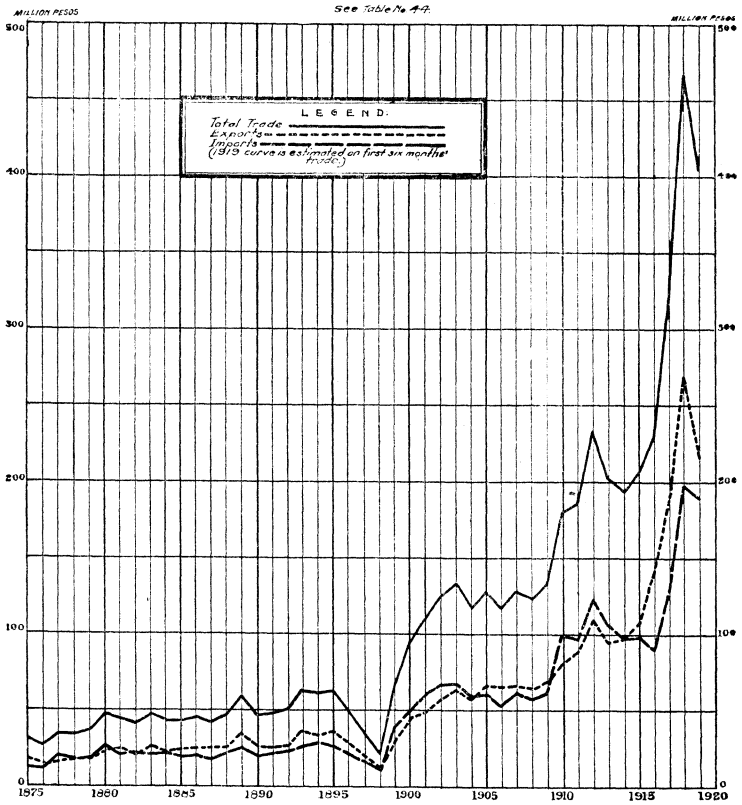


TABLE NO. 44.—*Foreign trade of the Philippine Islands, and trade balance for each year during certain calendar years from 1874 to 1919.^a*

Year.	Imports.	Exports.	Total imports and exports.	Annual increase (+) or annual decrease (—).		Trade balance in favor of Islands (+), against Islands (—).
				Amount.	Per cent.	
1874.....	P13,704,254	P17,302,977	P31,007,231	— P5,733,134	— 15.60	+ P3,598,723
1875.....	12,215,153	18,920,475	31,135,628	+ 128,397	+ 0.41	+ 6,705,322
1876.....	11,987,162	14,837,796	26,824,958	— 4,310,670	— 13.84	+ 2,850,634
1877.....	19,522,897	16,347,450	35,870,347	+ 9,045,389	+ 33.72	— 3,175,447
1878.....	17,285,792	17,417,617	34,703,409	+ 1,166,938	+ 3.25	+ 131,825
1879.....	18,028,739	18,775,727	36,804,466	+ 2,101,057	+ 6.05	+ 746,988
1880.....	25,459,810	23,450,285	48,910,095	+ 12,105,629	+ 32.89	— 2,009,525
1881.....	20,771,531	24,579,007	45,350,538	— 3,559,557	— 7.28	+ 3,807,476
1882.....	21,253,096	20,673,334	41,926,430	— 3,424,108	— 7.55	— 579,762
1883.....	21,295,262	26,380,727	47,675,989	+ 5,749,559	+ 13.71	+ 5,085,465
1884.....	21,246,241	22,672,833	43,919,074	— 3,756,915	— 7.88	+ 1,426,592
1885.....	19,160,070	24,553,685	43,713,755	— 205,319	— 0.47	+ 5,393,615
1886.....	20,073,698	25,721,032	45,794,630	+ 2,080,875	+ 4.76	+ 5,647,434
1887.....	17,530,198	25,257,139	42,787,337	— 3,007,293	— 6.57	+ 7,726,941
1888.....	21,208,482	26,293,271	47,501,753	+ 4,714,416	+ 11.02	+ 5,084,789
1889.....	24,980,832	34,926,969	59,907,801	+ 12,406,048	+ 26.12	+ 9,946,137
1890.....	19,789,636	26,213,554	46,003,190	— 13,904,611	— 23.21	+ 6,423,918
1891.....	21,642,216	26,905,102	48,547,318	+ 2,544,128	+ 5.53	+ 5,262,886
1892.....	23,803,547	27,976,569	51,780,116	+ 3,232,798	+ 6.66	+ 4,173,022
1893.....	25,913,870	36,187,966	62,101,836	+ 10,321,720	+ 19.93	+ 10,274,096
1894.....	28,558,072	33,149,984	61,708,056	— 393,780	— 0.63	+ 4,591,912
1895.....	25,398,798	36,655,727	62,054,525	+ 346,469	+ 0.56	+ 11,256,929
1898 ^b	10,761,926	10,330,712	21,092,638	—	—	— 431,214
1899.....	38,385,972	29,693,164	68,079,136	+ 46,986,498	+222.76	— 8,692,808
1900.....	49,727,558	45,980,746	95,708,304	+ 27,629,168	+ 40.58	+ 3,746,812
1901.....	60,324,942	49,006,706	109,331,648	+ 13,623,344	+ 14.23	— 11,318,236
1902.....	66,634,332	57,343,808	124,028,140	+ 14,696,492	+ 13.44	— 9,340,524
1903.....	67,622,768	64,793,492	132,416,260	+ 8,388,120	+ 6.76	— 2,829,276
1904.....	59,155,462	58,299,000	117,454,462	— 14,961,798	— 11.30	— 856,462
1905.....	60,101,100	66,909,548	127,010,648	+ 9,556,186	+ 8.14	+ 6,808,448
1906.....	62,807,536	65,285,784	118,093,320	— 8,917,328	— 7.02	+ 12,478,248
1907.....	60,907,620	66,195,734	127,103,354	+ 9,010,034	+ 7.63	+ 5,288,114
1908.....	58,372,240	65,202,144	123,574,384	— 3,528,970	— 2.78	+ 6,829,904
1909.....	62,163,838	69,848,674	132,017,512	+ 8,443,128	+ 6.83	+ 7,679,836
1910.....	99,438,722	81,256,926	180,695,648	+ 48,678,136	+ 36.87	— 18,181,796
1911.....	96,048,814	89,674,254	185,723,068	+ 5,027,420	+ 2.78	— 6,374,560
1912.....	123,335,802	109,846,600	233,182,402	+ 47,459,334	+ 25.55	— 13,489,202
1913.....	106,625,572	95,545,912	202,171,484	— 31,010,918	— 13.30	— 11,079,660
1914.....	97,177,306	97,379,268	194,556,574	— 7,614,910	— 3.77	+ 201,962
1915.....	98,624,367	107,626,008	206,250,375	+ 11,693,801	+ 6.01	+ 9,001,641
1916.....	90,992,675	139,874,365	230,867,040	+ 24,616,665	+ 11.94	+ 48,881,690
1917.....	131,594,061	191,208,613	322,802,674	+ 91,935,634	+ 39.82	+ 59,614,552
1918.....	197,198,423	270,388,964	467,587,387	+ 144,784,713	+ 44.85	+ 73,190,541
1919 ^c	108,307,042	94,579,756	202,886,798	— d 6,580,387	— 3.14	— 13,727,286
1918 ^c	89,956,940	119,510,245	209,467,185	+ d 77,953,126	+ 59.27	+ 29,553,305

^a The values of imports and exports in this statement are taken from the following annual official commercial reports published by the Intendencia General de Hacienda during the Spanish sovereignty, and the Bureau of Customs, Department of Finance, under the following titles:

1874-1894, *Estadística Mercantil del Comercio Exterior de las Islas Filipinas*.
 1895 and 1898, *Census of the Philippine Islands, 1903*.
 1899-1919, *Annual Reports and Monthly Statements of the Insular Collector of Customs on Foreign Commerce of the Philippine Islands*.

^b From August to December, only.

^c January 1st to June 30th, only. The figures are preliminary only, and subject to alteration in a later issue.

^d Compared with the same period for the preceding year.

GRAPH II.

Total Trade with Important Countries, 1875-1919.

See Table No. 45

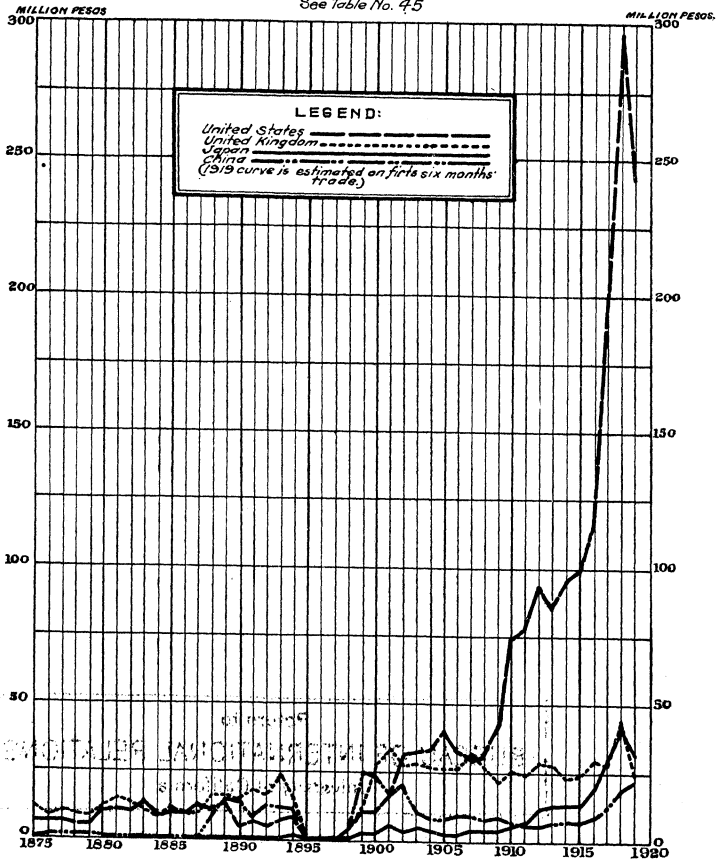


TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919.^a

Year.	United States.			United Kingdom.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....	£71,626	£5,314,665	£5,386,291	£3,474,974	£6,065,900	£9,540,874
1875.....	141,217	5,928,418	6,069,635	3,064,173	8,319,697	11,383,870
1876.....	78,601	6,085,439	6,164,040	3,122,403	5,151,818	8,274,221
1877.....	150,034	6,293,511	6,443,545	4,805,821	6,107,914	10,913,735
1878.....	133,722	5,647,181	5,780,903	4,180,255	5,029,413	9,209,668
1879.....	220,518	4,904,137	5,124,655	3,197,547	5,212,105	8,409,652
1880.....	491,258	10,417,491	10,908,749	6,377,877	6,070,800	12,448,677
1881.....	866,591	9,232,743	10,099,334	5,952,666	9,343,208	15,295,874
1882.....	1,544,690	7,482,853	9,027,543	6,613,301	6,989,684	13,602,985
1883.....	996,612	12,034,563	13,031,175	5,789,328	6,107,272	11,896,600
1884.....	456,146	7,853,998	8,310,144	5,919,916	3,825,619	9,745,535
1885.....	154,262	10,049,817	10,204,079	8,286,570	3,421,210	11,707,780
1886.....	543,091	8,523,797	9,066,888	6,862,384	2,477,352	9,339,736
1887.....	523,421	11,740,509	12,263,930	6,311,169	3,687,260	9,998,429
1888.....	627,284	9,414,354	10,041,638	9,722,123	6,167,488	15,889,611
1889.....	884,500	11,691,673	12,576,173	7,602,630	9,121,131	16,723,761
1890.....	657,550	3,908,056	4,565,606	7,016,506	7,257,994	14,274,500
1891.....	447,600	5,656,713	6,104,313	6,601,401	11,520,448	18,121,849
1892.....	304,222	4,238,902	4,543,124	7,585,682	9,300,903	16,886,585
1893.....	1,560,695	4,885,639	6,446,334	6,929,662	16,247,877	23,177,539
1894.....	727,210	7,380,945	8,108,155	7,066,556	8,687,552	15,754,108
1898.....	1,134,532	3,275,688	4,410,220	2,118,080	2,769,104	4,887,184
1899.....	2,706,172	7,870,510	10,576,682	6,488,218	7,063,990	13,552,208
1900.....	4,306,396	5,921,702	10,228,098	11,153,862	16,210,440	27,364,302
1901.....	7,068,510	9,092,584	16,161,094	11,385,158	22,252,452	33,637,610
1902.....	8,306,348	22,951,896	31,258,244	11,278,548	16,035,052	27,313,600
1903.....	7,674,200	26,142,852	33,817,052	9,238,266	18,929,260	28,167,526
1904.....	10,197,640	23,309,936	33,507,576	8,682,048	18,070,958	26,753,006
1905.....	11,179,892	29,680,814	40,860,706	10,211,814	16,414,702	26,626,516
1906.....	8,955,772	23,738,578	32,694,350	11,109,608	15,197,188	26,306,796
1907.....	10,135,076	20,658,774	30,793,850	13,623,100	18,750,896	32,373,996
1908.....	10,203,672	20,901,510	31,105,182	11,044,156	15,284,886	26,329,042
1909.....	12,890,662	29,453,026	42,343,688	10,894,442	10,536,748	21,431,190
1910.....	40,137,084	34,483,450	74,620,534	12,931,534	13,944,242	26,875,776
1911.....	38,313,974	39,845,254	78,159,228	11,192,100	13,523,560	24,715,660
1912.....	48,618,020	45,764,014	94,382,034	11,501,422	18,304,340	29,805,762
1913.....	53,352,522	32,868,036	86,220,558	10,752,078	18,137,394	28,889,472
1914.....	48,022,802	48,855,420	96,878,222	8,859,224	14,560,066	23,419,290
1915.....	52,762,138	47,306,422	100,068,560	6,522,031	18,454,206	24,976,237
1916.....	45,725,346	71,296,265	117,021,611	5,132,518	24,868,521	30,001,039
1917.....	75,241,295	126,468,717	201,710,012	5,922,471	20,610,169	26,532,640
1918.....	117,649,222	178,293,837	295,943,059	5,528,814	38,963,396	44,492,210
1919 ^b	65,411,808	56,824,096	122,235,904	2,919,206	9,482,174	12,401,380
1918 ^b	53,750,742	76,452,837	130,203,579	2,913,435	18,335,362	21,248,797

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

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TABLE No. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919^a—Continued.

Year.	Japan.			France.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....	¥12,814	¥300	¥13,114			
1875.....	427		427			
1876.....	31,928		31,928			
1877.....	69,898	20	69,918			
1878.....	328,007		328,007			
1879.....	57,784	36,910	94,694		¥140,108	¥140,108
1880.....	50,682	4,505	55,187			
1881.....	891	86,879	87,770			
1882.....	513		513	¥1,084		1,084
1883.....	1,208		1,208	194,856		194,856
1884.....	8,726	56	8,782	370,130		370,130
1885.....	1,183	39,507	40,690	436,964	64,686	501,650
1886.....	201	2,247	2,448	374,456	15,455	389,911
1887.....	80	27,189	27,269	282,112	23,275	305,387
1888.....	106,911	6,690	113,601	586,295	11,882	598,177
1889.....	19,108	3,440	22,548	922,784	6,842	929,626
1890.....	37,948	1,522	39,470	26,966	6,326	33,292
1891.....	50,079	57,887	107,966	221,505	83,101	304,606
1892.....	55,433	186,895	242,328	398,345		398,345
1893.....	298,006	498,666	796,672	778,183	394,525	1,172,708
1894.....	172,839	1,237,553	1,410,392	797,990	1,233,270	2,031,260
1898.....	94,448	132,638	227,086	231,304	82,920	314,224
1899.....	368,796	2,044,040	2,412,836	584,846	1,149,858	1,734,704
1900.....	882,638	1,588,906	2,471,544	1,956,190	5,067,214	7,023,404
1901.....	2,122,262	3,168,436	5,290,698	3,814,148	2,647,026	6,461,174
1902.....	1,453,274	1,416,690	2,869,964	2,409,454	4,631,576	7,041,030
1903.....	1,623,474	3,257,778	4,881,252	2,584,308	6,188,422	8,772,730
1904.....	1,670,024	1,643,956	3,313,980	1,706,352	3,177,702	4,884,054
1905.....	1,665,114	1,302,324	2,967,438	1,798,086	4,446,456	6,244,542
1906.....	1,791,256	760,040	2,551,296	1,586,758	5,566,730	7,153,488
1907.....	2,008,606	1,183,750	3,192,356	1,806,554	6,815,944	8,622,498
1908.....	2,656,344	805,058	3,461,402	1,601,022	8,641,522	10,242,544
1909.....	3,242,006	546,752	3,788,758	2,110,450	9,471,828	11,582,278
1910.....	5,287,900	534,864	5,822,764	2,292,490	15,375,594	17,668,084
1911.....	5,356,106	1,133,402	6,489,508	2,297,488	16,579,578	18,877,066
1912.....	6,103,380	5,136,246	11,239,626	2,882,736	17,493,010	20,375,746
1913.....	6,786,460	7,849,068	14,635,528	2,896,328	10,965,704	13,862,032
1914.....	7,267,284	5,987,690	13,254,974	2,197,218	7,794,566	9,991,784
1915.....	7,434,536	7,560,492	14,995,028	1,501,665	11,107,627	12,609,292
1916.....	9,439,375	9,697,614	19,136,989	1,267,191	5,780,473	7,047,664
1917.....	16,432,436	14,655,943	31,088,379	1,575,749	2,930,868	4,506,617
1918.....	26,208,111	15,936,809	42,144,920	1,613,301	2,484,145	4,097,446
1919 ^b	11,556,605	5,100,560	16,657,165	1,342,655	2,227,679	3,570,334
1918 ^b	11,548,804	7,091,243	18,640,047	596,692	1,494,349	2,091,041

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919^a—Continued.

Year.	Germany.			China.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....	P134,613		P134,613	P495,615	P58,945	P554,560
1875.....	262,723		262,723	456,965	41,859	498,824
1876.....	221,637		221,637	1,447,703	67,998	1,515,701
1877.....	313,125		313,125	1,240,747	4,378	1,245,125
1878.....	219,908		219,908	1,390,719	154,720	1,545,439
1879.....	333,563		333,563	1,118,692	102,204	1,220,896
1880.....	284,968	P60,503	345,471	768,005	39,563	807,568
1881.....	545,806		545,806	623,711	68,348	692,059
1882.....	682,329		682,329	529,056	14,194	543,250
1883.....	249,093		249,093	489,343	14,276	503,619
1884.....	1,486,838	1,000	1,487,838	740,733	33,947	774,680
1885.....	1,270,274	969	1,271,243	485,189	66,339	551,528
1886.....	1,481,665	623	1,482,288	627,007	66,877	693,884
1887.....	671,870	5,100	676,970	507,286	83,424	590,710
1888.....	1,184,670	29,100	1,213,770	4,444,722	5,043,789	9,488,511
1889.....	1,876,452	96,776	1,973,228	6,049,756	8,025,959	14,075,715
1890.....	225,613	40,945	266,558	4,749,054	9,143,994	13,893,048
1891.....	402,181	16,148	418,329	4,555,071	4,281,621	8,836,692
1892.....	770,200		770,200	4,423,270	8,435,691	12,858,961
1893.....	2,033,031	32,182	2,065,213	3,650,034	7,939,054	11,589,088
1894.....	1,859,905	28,855	1,888,760	4,601,555	6,764,621	11,366,176
1895.....	1,198,618	102,044	1,300,662	3,417,144	1,681,930	5,099,074
1896.....	1,845,688	48,720	1,894,408	16,666,886	8,027,012	24,693,898
1897.....	3,263,632	253,458	3,517,090	15,476,964	8,219,642	23,696,606
1901.....	4,411,390	162,864	4,574,254	10,101,408	6,085,954	16,187,362
1902.....	4,524,078	199,582	4,723,660	12,939,086	7,352,480	20,291,566
1903.....	3,523,992	618,066	4,142,058	9,256,862	877,336	10,134,198
1904.....	2,909,644	269,538	3,179,182	6,186,164	1,725,062	7,911,226
1905.....	2,871,616	677,510	3,549,126	5,721,822	1,847,012	7,568,834
1906.....	2,807,852	1,549,474	4,357,326	5,350,054	4,184,844	9,534,898
1907.....	3,838,418	996,766	4,835,184	5,438,874	4,178,780	9,617,654
1908.....	3,622,808	986,898	4,609,706	4,205,812	3,009,666	7,215,478
1909.....	3,632,544	1,821,832	5,454,376	5,224,054	3,010,232	8,234,286
1910.....	4,759,050	1,446,586	6,205,636	5,153,152	1,481,462	6,634,614
1911.....	4,282,098	2,600,840	6,882,938	3,993,090	1,090,226	5,083,316
1912.....	5,656,356	3,362,256	9,018,612	3,851,194	2,176,672	6,027,866
1913.....	5,776,882	3,483,196	9,260,078	4,369,302	3,292,134	7,661,436
1914.....	4,505,100	2,159,428	6,664,528	5,007,176	2,204,580	7,211,756
1915.....	453,623	186	453,759	4,662,162	3,243,493	7,905,655
1916.....	150,262	84	150,346	5,286,755	4,418,307	9,705,062
1917.....	321,860	19	321,879	8,514,651	4,324,516	12,839,167
1918.....	65,215		65,215	13,153,925	6,498,561	19,652,486
1919 c.....	733,068		733,068	6,180,767	5,304,573	11,485,340
1918 c.....	63,937		63,937	6,569,020	2,405,858	8,974,878

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b Includes "Hongkong and Emuy."^c From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919 ^a—Continued.

Year.	Hongkong.			Spain.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874				P441,284	P1,611,677	P2,052,961
1875				639,470	1,804,127	2,443,597
1876				601,128	504,252	1,105,380
1877				962,081	663,410	1,625,491
1878				756,397	1,000,601	1,756,998
1879				789,722	1,034,655	1,824,377
1880				833,171	1,114,030	1,947,201
1881				1,534,451	1,093,629	2,628,080
1882				2,287,215	2,508,552	4,795,767
1883				775,410	2,852,551	3,627,961
1884				1,006,991	4,124,902	5,131,893
1885				1,764,966	3,604,393	5,369,359
1886				1,823,156	6,884,418	8,707,574
1887				2,485,373	2,292,845	4,778,218
1888				893,998	3,170,930	4,064,928
1889				1,570,412	3,056,722	4,627,134
1890				1,368,442	2,801,097	4,169,539
1891				4,350,847	2,676,063	7,026,910
1892				6,419,915	2,684,831	9,104,746
1893				8,327,691	3,130,919	11,458,610
1894				10,509,937	2,854,608	13,364,545
1898				2,281,762	1,468,990	3,750,752
1899				5,404,316	1,954,212	7,358,528
1900				3,978,470	3,133,944	7,112,414
1901				3,868,502	2,526,300	6,394,802
1902				5,835,092	1,499,658	7,334,750
1903	P1,020,084	P3,709,216	P4,729,300	4,091,930	1,721,150	5,813,080
1904	616,834	4,419,124	5,035,958	4,005,706	2,328,896	6,334,602
1905	452,990	5,608,106	6,061,096	3,943,262	3,324,116	7,267,378
1906	628,308	6,078,484	6,706,792	3,285,288	3,530,282	6,815,570
1907	753,908	4,649,832	5,403,740	3,827,608	3,504,796	7,332,404
1908	847,622	5,174,218	6,021,840	2,522,888	3,715,226	6,238,114
1909	880,392	4,328,178	5,208,570	2,831,822	4,187,022	7,018,844
1910	1,179,726	2,265,742	3,445,468	2,994,266	3,970,980	6,965,246
1911	1,650,680	2,017,992	3,668,672	2,391,046	4,388,296	6,779,342
1912	1,663,244	3,212,948	4,876,192	2,866,518	5,098,506	7,965,024
1913	1,058,916	6,357,836	7,416,752	2,477,844	4,905,014	7,382,858
1914	594,296	4,051,834	4,646,130	2,386,950	4,512,674	6,899,624
1915	404,588	6,942,817	7,347,405	1,838,206	5,184,235	7,022,441
1916	220,557	8,206,294	8,426,851	1,709,893	4,957,763	6,667,656
1917	385,566	10,768,527	11,154,093	1,406,958	3,474,055	4,881,013
1918	113,655	10,016,328	10,129,983	934,412	6,925,923	7,860,335
1919 b.	280,837	7,154,683	7,435,520	957,461	2,548,230	3,505,691
1918 b.	33,357	5,407,139	5,440,496	634,203	4,345,331	4,979,534

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919 ^a—Continued.

Year.	Australasia.			French East Indies.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....	P16,645	P556,483	P573,128	P348,103	P138	cP348,241
1875.....		629,644	629,644	35,086	25,210	c60,296
1876.....	5,202	142,699	147,901	5,775	254	c6,029
1877.....	11,842	30,059	41,901	538,161	5,338	c543,499
1878.....	8,315	263,720	272,035	271,972	136,750	c408,722
1879.....	33,318	211,140	244,458	643,882	3,469	c647,351
1880.....	31,888	185,625	217,513	182,360	409,984	c592,344
1881.....		139,830	139,830	575	246	c821
1882.....		156,000	156,000	147,492	120,999	c268,491
1883.....	22,381	259,841	282,222	922,881	786	c923,667
1884.....	102,310	202,092	304,402	1,883,422	100,831	c1,984,253
1885.....				585,081	66,063	c651,144
1886.....				1,103,549	742,485	c1,846,034
1887.....				1,139,952	297,638	c1,437,590
1888.....	80,416	300	80,716	1,606,215	189,920	1,790,135
1889.....	33,488	117,371	150,859	2,800,841	258,586	3,059,427
1890.....	20,764	300	21,064	1,895,892	642,723	2,538,615
1891.....	62,235	12,822	75,057	2,206,047	312,929	2,518,976
1892.....	174,642		174,642	1,464,341	265,596	1,729,937
1893.....	106,687	75,985	182,672	844,915	9,340	854,255
1894.....	131,540	2,561,642	2,693,182	889,225	3,076	892,301
1898.....	117,706	667,264	784,970			
1899.....	1,232,546	640,206	1,872,752			
1900.....	395,548	1,243,784	1,639,332	1,520,168	792	1,520,960
1901.....	1,151,944	1,242,400	2,394,344	4,718,078	3,244	4,721,322
1902.....	996,490	571,364	1,567,854	11,150,398	7,644	11,158,042
1903.....	1,662,402	791,228	2,453,630	16,337,442	20,732	16,358,174
1904.....	2,408,034	930,792	3,338,826	12,751,044	21,172	12,772,216
1905.....	2,773,556	986,728	3,760,284	10,694,260	18,458	10,712,718
1906.....	3,134,222	933,798	4,068,020	7,582,334	109,134	7,691,468
1907.....	3,949,428	943,334	4,892,762	8,160,008	28,190	8,188,198
1908.....	4,513,370	1,018,060	5,531,430	11,083,086	15,814	11,098,900
1909.....	4,967,722	956,370	5,924,092	9,419,676	21,752	9,441,428
1910.....	5,006,950	991,184	5,998,134	13,345,790	22,504	13,368,294
1911.....	5,124,392	928,234	6,052,626	13,687,802	22,710	13,710,512
1912.....	6,746,230	1,170,694	7,916,924	22,783,444	18,734	22,802,178
1913.....	5,356,180	1,233,822	6,590,002	5,415,274	24,568	5,439,842
1914.....	4,850,502	1,205,300	6,055,802	6,262,480	17,010	6,279,490
1915.....	2,819,226	1,118,341	3,937,567	13,766,141	66,322	13,832,463
1916.....	1,776,519	1,339,276	3,115,795	12,811,043	208,733	13,019,776
1917.....	3,597,266	2,380,541	5,977,807	10,481,580	827,468	11,309,048
1918.....	7,388,480	1,485,287	8,873,767	13,956,086	2,604,753	16,560,839
1919 ^b	3,018,037	715,708	3,733,745	5,666,151	1,937,196	7,603,347
1918 ^b	3,801,125	946,489	4,747,614	5,705,558	813,020	6,518,578

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.^c Total trade with "Posesiones Francesas."

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TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919 ^a—Continued.

Year.	British East Indies.			Dutch East Indies.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....	P8,531,752	P3,396,207	c P11,927,959	P176,828	P298,662	d P475,490
1875.....	7,485,187	2,107,754	c 9,592,941	95,031	63,676	d 158,707
1876.....	6,372,502	2,796,340	c 9,168,842	100,233	88,996	d 189,279
1877.....	11,354,704	3,152,065	c 14,506,769	76,484	90,710	d 167,194
1878.....	9,440,600	5,102,869	c 14,543,469	113,448	82,363	d 195,811
1879.....	11,589,081	7,075,548	c 18,664,629	39,813	55,451	d 95,264
1880.....	16,349,399	5,099,301	c 21,448,700	89,464	48,384	d 137,848
1881.....	11,183,379	4,556,055	c 15,739,434	63,337	58,069	d 121,406
1882.....	9,426,855	3,394,489	c 12,821,344	19,216	6,563	d 25,779
1883.....	11,854,028	5,094,606	c 16,948,634	122,422	16,781	d 16,903
1884.....	8,215,002	6,530,208	c 14,745,210	22,424	180	d 22,604
1885.....	5,714,664	7,172,701	c 12,887,365	30	2,000	d 2,030
1886.....	6,726,272	6,927,699	c 13,653,971	8,038	50,437	d 58,475
1887.....	5,112,454	6,986,913	c 12,099,367	95,958	49,650	d 145,608
1888.....	1,365,468	2,233,301	3,598,769	50		50
1889.....	2,408,999	1,273,822	3,682,821	2,058	c 136,318	138,376
1890.....	3,091,433	1,426,095	4,517,528	7,500	c 49,308	56,808
1891.....	2,335,943	1,067,646	3,403,589			
1892.....	1,441,828	2,299,139	3,740,967			
1893.....	258,957	838,311	1,097,268		154,277	154,277
1894.....	441,245	1,688,241	2,129,486		126,400	126,400
1898.....	56,748	55,970	112,718			
1899.....	1,568,726	736,690	2,305,416	50,900	44,488	95,388
1900.....	3,490,248	2,018,776	5,509,024	35,176	32,054	67,230
1901.....	6,768,130	1,456,326	8,224,456	46,484	37,198	83,682
1902.....	3,336,652	1,632,488	4,969,140	194,834	63,528	258,362
1903.....	5,431,048	1,325,396	6,756,444	122,540	49,834	172,374
1904.....	4,215,396	1,288,534	5,503,930	85,072	43,564	128,636
1905.....	3,819,436	1,291,472	5,110,908	173,538	65,492	239,030
1906.....	2,824,118	1,392,874	4,216,992	342,188	54,564	396,752
1907.....	3,144,304	1,979,180	5,123,484	435,694	60,434	496,128
1908.....	1,731,742	1,480,018	3,211,760	567,668	80,428	648,096
1909.....	1,872,408	1,549,328	3,421,736	874,474	91,532	966,006
1910.....	2,112,632	2,090,068	4,202,700	523,390	110,788	634,178
1911.....	2,190,202	2,133,508	4,323,710	767,564	83,184	850,748
1912.....	4,940,710	2,429,560	7,370,270	1,053,304	82,996	1,176,300
1913.....	1,330,476	2,654,256	3,984,732	852,084	122,404	974,488
1914.....	1,488,692	2,314,190	3,802,882	1,100,698	118,528	1,219,226
1915.....	1,511,983	2,153,245	3,665,228	1,142,204	120,364	1,262,568
1916.....	2,081,018	2,691,738	4,772,756	2,011,134	418,779	2,429,913
1917.....	2,536,690	1,802,417	4,339,107	2,000,172	490,647	2,490,819
1918.....	3,879,960	3,151,811	7,031,771	1,784,007	878,839	2,662,846
1919 b.....	2,567,051	1,490,195	4,057,246	3,831,587	244,371	4,075,958
1918 b.....	1,739,329	1,188,907	2,928,236	789,160	364,926	1,154,086

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.^c Total trade with "Posesiones Inglesas."^d Total trade with "Posesiones Holandesas."^e Exports to "Posesiones Holandesas."

TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919 ^a—Continued.

Year.	Belgium.			Switzerland.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874						
1875						
1876						
1877						
1878						
1879						
1880						
1881						
1882						
1883						
1884	Ƴ451,550		Ƴ451,550	Ƴ52,282		Ƴ52,282
1885	61,989	Ƴ66,000	127,989	208,766		208,766
1886	157,914		157,914	119,457		119,457
1887	103,795	130	103,925	138,104		138,104
1888	196,419	200	196,619	195,315		195,315
1889	546,657		546,657	85,532	Ƴ360	85,892
1890	634,670		634,670	1,139		1,139
1891	379,236		379,236	10,971		10,971
1892	256,217		256,217	68,680		68,680
1893	127,801	74,034	201,835	337,357		337,357
1894	117,600	19,770	137,370	306,409	410	306,819
1898	9,076		9,076			
1899	228,950		228,950			
1900	407,066		407,066			
1901	448,782		448,782			
1902	524,314		524,314			
1903	547,780	203,614	751,394	896,174	932	897,106
1904	461,240	117,056	578,296	903,386	548	903,934
1905	532,436	67,360	599,796	1,089,694	2,914	1,092,608
1906	576,730	661,068	1,237,798	1,175,302	6,736	1,182,038
1907	608,558	630,006	1,238,564	1,360,386	5,592	1,365,978
1908	719,850	1,640,856	2,360,706	1,364,482	8,274	1,372,756
1909	658,188	1,563,742	2,221,930	1,065,178	40,820	1,105,998
1910	789,686	1,424,520	2,214,206	1,150,888	141,788	1,292,676
1911	580,074	2,796,404	3,376,478	933,228	97,352	1,030,580
1912	624,132	2,103,602	2,727,734	957,044	279,306	1,236,350
1913	574,070	1,088,292	1,662,362	1,403,564	98,230	1,501,794
1914	431,120	507,050	938,170	1,041,790	22,194	1,063,984
1915	12,533		12,533	1,535,720	195,377	1,731,097
1916	29,520		29,520	957,831	365,814	1,323,645
1917	43,606		43,606	753,974	366,153	1,120,127
1918		474	474	961,012	254,729	1,215,741
1919 ^b		67,538	67,538	747,085	45,063	792,148
1918 ^b				405,487	167,736	573,223

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919^a—Continued.

Year.	Italy.			Netherlands.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....						
1875.....						
1876.....						
1877.....						
1878.....	P65		P65			
1879.....						
1880.....						
1881.....						
1882.....						
1883.....						
1884.....	29,759		29,759	P35,077		P35,077
1885.....	9,784		9,784	21,655		21,655
1886.....	22,570	P138	22,708	173,052	P27,617	200,669
1887.....	9,641		9,641	43,338	61,409	104,747
1888.....	10,786		10,786	17,838	30,817	48,655
1889.....	20,882		20,882	56,222	42,286	98,508
1890.....	540		540	7,115		7,115
1891.....	458		458	7,504		7,504
1892.....	12,832		12,832	18,984		18,984
1893.....	52,831	1,150	53,981	66,230	18,012	84,242
1894.....	11,340	78	11,418	76,760		76,760
1898.....				13,910		13,910
1899.....	131,504		131,504	357,098		357,098
1900.....	274,566		274,566	320,346		320,346
1901.....	237,212		237,212	303,024		303,024
1902.....	404,418		404,418	310,308		310,308
1903.....	263,606	61,458	325,064	259,350	129,740	389,090
1904.....	228,686	75,740	304,426	181,702	407,916	589,618
1905.....	384,452	135,600	520,052	234,154	106,814	340,968
1906.....	441,182	208,504	649,686	428,262	434,610	862,872
1907.....	547,710	389,882	937,592	372,190	453,942	826,132
1908.....	358,156	844,978	1,203,134	378,674	589,044	967,718
1909.....	310,366	1,333,698	1,644,064	447,260	360,266	807,526
1910.....	320,532	1,307,390	1,627,922	392,268	585,852	978,120
1911.....	420,070	1,013,056	1,433,126	354,320	855,386	1,209,706
1912.....	466,782	1,627,490	2,094,272	390,536	443,080	833,616
1913.....	459,190	992,720	1,451,910	366,768	574,042	940,810
1914.....	383,356	1,477,040	1,860,396	265,008	666,232	931,240
1915.....	301,847	2,870,395	3,172,242	295,339	574,162	869,501
1916.....	207,313	1,233,258	1,440,571	281,068	1,280,597	1,561,665
1917.....	192,790	234,522	427,312	176,910		176,910
1918.....	89,295	289,010	378,305	90,927		90,927
1919 ^b	63,253	225,286	288,539	54,992	10,000	64,992
1918 ^b	83,852	129,500	213,352	41,628		41,628

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

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TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919 ^a—Continued.

Year.	Hawaii.			Siam.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874.....						
1875.....						
1876.....						
1877.....					P45	P45
1878.....				P441,088		441,088
1879.....				3,070		3,070
1880.....						
1881.....						
1882.....						
1883.....						
1884.....						
1885.....				85,340		85,340
1886.....						
1887.....				46,428		46,428
1888.....				137,737	500	138,237
1889.....				55,700		55,700
1890.....						
1891.....						
1892.....						
1893.....						
1894.....						
1898.....	(c)	(c)	(c)	(c)	(c)	(c)
1899.....	(c)	(c)	(c)	(c)	(c)	(c)
1900.....	(c)	(c)	(c)	(c)	(c)	(c)
1901.....	(c)	(c)	(c)	(c)	(c)	(c)
1902.....	(c)	(c)	(c)	(c)	(c)	(c)
1903.....	(c)	(c)	(c)	(c)	(c)	(c)
1904.....	(c)	(c)	(c)	(c)	(c)	(c)
1905.....	(c)	(c)	(c)	(c)	(c)	(c)
1906.....	(c)	(c)	(c)	(c)	(c)	(c)
1907.....	P292	P4,308	P4,600	315,158	22,308	337,466
1908.....	5,658	4,420	10,078	563,980	15,872	579,852
1909.....	742	115,758	116,500	301,758	24,108	325,866
1910.....	122,932	199,254	322,186	230,086	31,400	261,486
1911.....	775,170	145,244	920,414	921,480	14,276	935,756
1912.....	282,788	224,070	506,858	719,242	13,246	732,488
1913.....	1,189,694	254,550	1,444,244	929,376	25,284	954,660
1914.....	502,488	238,830	741,318	641,990	49,046	691,036
1915.....	316,093	245,545	561,638	594,880	47,363	642,243
1916.....	379,061	269,206	648,267	622,549	36,400	658,949
1917.....	615,247	353,612	968,859	708,984	44,465	753,449
1918.....	670,472	288,400	958,872	2,310,255	129,093	2,439,348
1919 ^b	785,177	211,495	996,672	1,828,963	60,331	1,889,294
1918 ^b	196,037	160,908	356,945	649,927	59,118	709,045

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.^c Included in "All other countries."

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TABLE NO. 45.—Imports from, exports to, and total trade with foreign countries during certain calendar years from 1874 to 1919^a—Continued.

Year.	All other countries.			Total.		
	Import.	Export.	Total.	Import.	Export.	Total.
1874...				P13,704,254	P17,302,977	P31,007,231
1875...	P34,874	P90	P34,964	12,215,153	18,920,475	31,135,628
1876...				11,987,162	14,837,796	26,824,958
1877...				19,522,897	16,347,450	35,870,347
1878...	1,296		1,296	17,285,792	17,417,617	34,703,409
1879...	1,749		1,749	18,028,739	18,775,727	36,804,466
1880...	738	99	837	25,459,810	23,450,285	48,910,095
1881...	124		124	20,771,531	24,579,007	45,350,538
1882...	1,345		1,345	21,253,096	20,673,334	41,926,430
1883...		51	51	21,295,262	26,380,727	47,675,989
1884...	464,935		464,935	21,246,241	22,672,833	43,919,074
1885...	73,353		73,353	19,160,070	24,553,685	43,713,755
1886...	50,786	1,887	52,673	20,073,598	25,721,032	45,794,630
1887...	59,217	1,797	61,014	17,530,198	25,257,139	42,787,337
1888...	32,235		32,235	21,208,482	26,293,271	47,501,753
1889...	44,811	1,095,683	1,140,494	24,980,832	34,926,969	59,907,801
1890...	48,504	935,194	983,698	19,789,636	26,213,554	46,003,190
1891...	11,138	1,219,724	1,230,862	21,642,216	26,905,102	48,547,318
1892...	408,956	564,612	973,568	23,803,547	27,976,569	51,780,116
1893...	541,790	1,887,995	2,429,785	25,913,870	36,187,966	62,101,836
1894...	847,961	562,963	1,410,924	28,558,072	33,149,984	61,708,056
1898...	88,598	94,164	182,762	10,761,926	10,330,712	21,092,638
1899...	751,326	113,438	864,764	38,385,972	29,693,164	68,079,136
1900...	2,266,288	2,290,034	4,556,322	49,727,558	45,980,746	95,708,304
1901...	3,879,910	331,922	4,211,832	60,324,942	49,006,706	109,331,648
1902...	3,021,038	981,850	4,002,888	66,684,332	57,343,808	124,028,140
1903...	3,089,310	766,478	3,855,788	67,622,768	64,793,492	132,416,260
1904...	1,946,490	468,506	2,414,996	59,155,462	58,299,000	117,454,462
1905...	2,554,978	933,670	3,488,648	60,101,100	66,909,548	127,010,648
1906...	788,302	878,876	1,667,178	52,807,536	65,285,784	118,093,320
1907...	581,748	939,020	1,520,768	60,907,620	66,195,734	127,103,354
1908...	381,250	985,396	1,366,646	58,372,240	65,202,144	123,574,384
1909...	544,694	435,682	1,698,930	62,168,838	69,848,674	132,017,512
1910...	708,366	849,258	1,557,624	99,438,722	81,256,926	180,695,648
1911...	817,930	405,752	1,223,682	96,048,814	89,674,254	185,723,068
1912...	1,188,720	905,830	2,094,550	123,335,802	109,846,600	233,182,402
1913...	1,278,564	619,362	1,897,926	106,625,572	95,545,912	202,171,484
1914...	1,369,132	637,590	2,006,722	97,177,306	97,379,268	194,556,574
1915...	699,452	435,466	1,134,918	98,624,367	107,626,008	206,250,375
1916...	903,722	2,805,243	3,708,965	90,992,675	139,874,365	230,867,040
1917...	685,856	1,475,974	2,161,830	131,594,061	191,208,613	322,802,674
1918...	801,274	2,187,569	2,988,843	197,198,423	270,388,964	467,587,387
1919b...	362,339	930,578	1,292,917	108,307,042	94,579,756	202,886,798
1918b...	434,647	147,522	582,169	89,956,940	119,510,245	209,467,185

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b From January 1 to June 30. The figures are preliminary only, and subject to alteration in a later issue.

GRAPH III

Values of Principal Articles Imported into the Philippine Islands, 1909-1919

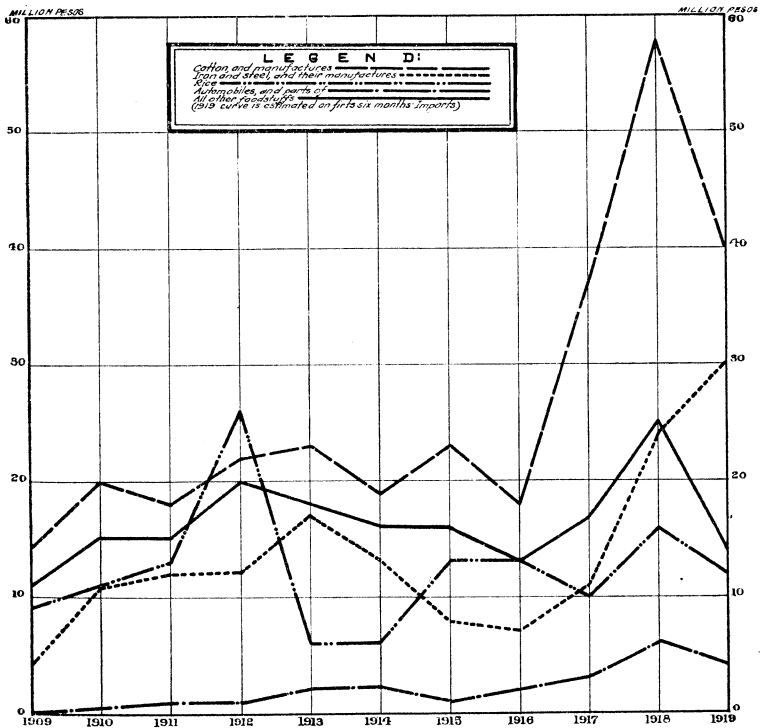


TABLE No. 46.—*Values of principal articles imported into the Philippine Islands, and the percentage of each to the total imports during each year from 1909 to June 30, 1919.*

Articles.	1909		1910		1911		1912	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Cotton, and its manufactures	P14,389,360	23.14	P20,970,102	21.09	P18,463,840	19.22	P22,238,324	18.04
Iron and steel, and their manufactures	4,792,152	7.71	11,118,916	11.18	12,357,378	12.87	12,436,668	10.08
Rice	5,588,018	15.42	11,982,670	12.05	13,544,494	14.10	26,017,012	21.10
Automobiles, and parts of	(a)		633,104	6.4	1,456,204	1.52	1,842,384	1.49
Wheat flour	2,564,898	4.13	3,108,478	3.13	3,013,716	3.14	4,266,654	3.45
Silk, and its manufactures	1,073,990	1.73	1,468,780	1.48	1,527,212	1.59	1,827,328	1.48
Fish and fish products	907,286	1.46	1,346,232	1.35	1,196,956	1.25	1,944,552	1.09
Fibers, vegetables and its manufactures	745,068	1.20	999,830	1.00	890,968	.93	1,135,338	.92
Coal	1,252,698	2.01	3,358,578	3.38	2,438,050	2.54	2,133,328	1.73
Leather, and its manufactures	1,184,850	1.91	2,241,840	2.25	1,836,926	1.92	2,548,830	2.07
Meat products	2,920,014	4.70	3,770,612	3.79	3,668,726	3.82	5,062,148	4.11
Paper, and its manufactures	1,052,904	1.69	1,594,030	1.60	1,499,054	1.56	1,772,112	1.44
Chemicals, drugs, dyes and medicines	1,027,332	1.65	1,256,580	1.26	1,267,896	1.32	1,668,826	1.35
Non illuminating oils	490,960	.79	888,656	.89	1,194,524	1.24	1,503,772	1.22
Dairy products	1,349,170	2.17	1,940,658	1.95	2,025,748	2.11	2,509,264	2.04
Vegetables	1,237,466	1.99	1,377,162	1.38	1,473,956	1.53	1,605,818	1.30
Illuminating oil	2,006,250	3.23	1,847,512	1.86	2,280,974	2.37	2,786,646	2.26
Instruments and apparatus	277,962	.45	733,062	.74	1,185,440	1.23	1,645,270	1.33
Wood, and its manufactures	718,638	1.15	2,029,578	2.04	1,224,068	1.27	1,661,038	1.35
Glass and glassware	384,420	.62	592,908	.60	608,366	.63	715,958	.58
Wool, and its manufactures	285,588	.46	645,050	.65	609,528	.63	849,076	.69
Tobacco, and its manufactures	161,818	.26	448,518	.45	354,546	.37	490,482	.40
Paints and pigments	318,782	.51	634,384	.64	527,786	.55	593,972	.48
Fruits and nuts	518,686	.83	653,194	.66	705,274	.73	890,124	.72
Books, and other printed matter	376,618	.61	921,418	.93	786,932	.82	1,229,022	1.00
Diamonds, and other precious stones	(a)		348,674	.35	776,316	.81	597,760	.48
India rubber, and its manufactures, except auto tires	303,512	.49	504,150	.51	685,838	.71	670,756	.54
Plated ware, gold and silver	108,158	.17	105,200	.11	215,366	.22	255,780	.21
Other breadstuffs	634,616	1.02	1,667,178	1.68	882,788	.92	1,928,412	1.56
Cement	615,878	.99	1,201,516	1.21	260,802	.31	1,036,486	.84
Cocoa or cacao	402,356	.65	446,118	.45	492,374	.51	738,608	.59
Eggs	580,868	.93	588,778	.59	673,806	.70	709,938	.58
Earthen, stone and chinaware	274,416	.44	397,566	.40	423,356	.44	391,852	.32
Spirits, wines and liquors	1,255,468	2.02	937,104	.94	965,860	1.01	944,138	.76
Coffee	402,180	.65	566,892	.57	678,826	.71	802,258	.65
Brass, and its manufactures	350,990	.57	487,492	.49	429,432	.46	543,702	.44
Soap, and its manufactures	173,568	.28	338,202	.34	427,106	.45	658,780	.53
Perfumery and toilet preparations	274,238	.44	362,806	.36	320,140	.33	450,860	.37

Cars, carriages and parts of.....	491,070	.79	841,456	.85	1,029,626	1.07	1,051,062	.85
Copper, and its manufactures.....	180,708	.29	399,384	.40	319,644	.33	334,458	.27
Carabao, and other cattle.....	1,706,854	2.74	2,647,856	2.66	1,946,302	2.03	1,512,344	1.23
Sugar and molasses.....	314,890	.51	467,232	.47	559,370	.58	761,040	.62
All other imports.....	4,474,120	7.20	10,569,466	10.63	7,823,300	8.15	9,168,460	7.44
Total.....	62,168,838	100.00	99,438,722	100.00	96,048,814	100.00	123,335,802	100.00

NOTE.—The values given in this statement are furnished by the Bureau of Customs.
^a Not separately stated; included in "All other imports."

TABLE No. 46.—Values of principal articles imported into the Philippine Islands, and the percentage of each to the total imports during each year from 1909 to June 30, 1919—Continued.

Articles.	1913		1914		1915		1916	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Cotton, and its manufactures.....	P23,688,602	22.22	P19,912,488	20.49	P23,582,828	23.91	P18,649,772	20.50
Iron and steel, and their manufactures.....	17,227,808	16.16	13,966,888	14.37	8,860,142	8.98	7,526,477	8.27
Rice.....	6,329,182	5.94	6,552,296	6.74	13,448,551	13.64	13,043,642	14.33
Automobiles, and parts of.....	2,526,804	2.37	2,025,902	2.09	1,949,633	1.98	2,705,145	2.97
Wheat flour.....	3,797,908	3.56	3,222,316	3.32	3,892,607	3.95	3,092,883	3.31
Silk, and its manufactures.....	1,672,644	1.57	1,638,876	1.75	1,805,574	1.84	1,768,933	1.94
Fish and fish products.....	1,691,560	1.59	1,441,470	1.48	832,288	.84	1,120,021	1.23
Fibers, vegetables and its manufactures.....	1,003,128	.94	1,494,356	1.54	1,197,361	1.21	1,241,175	1.36
Coal.....	3,168,134	2.97	3,499,490	3.60	2,865,041	2.90	2,607,988	2.87
Leather, and its manufactures.....	2,106,896	1.98	3,115,648	3.21	2,549,605	2.59	2,119,337	2.33
Meat products.....	4,106,500	3.85	3,732,548	3.84	3,442,474	3.50	2,271,487	2.50
Paper and its manufactures.....	1,638,874	1.54	1,514,380	1.56	1,522,421	1.54	1,789,886	1.97
Chemicals, drugs, dyes and medicines.....	1,438,160	1.35	1,447,382	1.49	1,730,658	1.75	2,776,138	3.05
Non illuminating oils.....	1,689,230	1.58	1,587,668	1.63	1,801,020	1.83	2,631,523	2.90
Dairy products.....	2,422,530	2.27	2,236,546	2.30	2,199,682	2.23	1,985,908	2.18
Vegetables.....	1,559,910	1.46	1,590,678	1.64	1,428,883	1.45	1,477,624	1.62
Illuminating oil.....	2,536,088	2.38	2,562,040	2.63	2,258,030	2.29	2,025,691	2.23
Instruments and apparatus.....	1,989,678	1.87	1,657,422	1.71	1,500,493	1.52	1,361,024	1.50
Wood, and its manufactures.....	1,541,254	1.45	1,543,578	1.59	1,672,425	1.68	616,996	.68
Glass and glassware.....	636,542	.60	586,638	.60	541,555	.55	651,208	.77
Wool, and its manufactures.....	654,780	.61	780,404	.78	529,532	.54	295,304	.32
Tobacco, and its manufactures.....	617,792	.58	614,586	.63	784,583	.80	849,002	.93
Paints and pigments.....	467,172	.44	384,022	.40	575,031	.58	511,227	.56
Fruits and nuts.....	772,334	.72	810,546	.83	710,207	.72	739,934	.81
Books, and other printed matter.....	1,060,954	1.00	939,992	.97	818,892	.83	939,525	1.03
Diamonds, and other precious stones.....	650,866	.61	439,722	.45	416,254	.42	468,802	.51
India rubber, and its manufactures, except auto tires.....	578,786	.54	579,288	.59	594,332	.60	701,717	.77
Plated ware, gold and silver.....	357,364	.34	241,954	.25	189,363	.19	246,633	.27
Other breadstuffs.....	1,211,010	1.14	868,012	.89	328,095	.33	919,287	1.01
Cement.....	1,623,384	1.52	1,109,764	1.14	1,817,060	1.83	586,200	.64
Cocoa or cacao.....	504,242	.47	663,806	.68	469,480	.48	811,026	.89
Eggs.....	764,450	.72	822,730	.85	829,134	.84	661,803	.73
Earthen, stone and chinaware.....	366,836	.34	326,578	.34	284,505	.29	398,690	.44
Spirits, wines and liquors.....	791,134	.74	700,104	.72	631,040	.64	708,477	.78
Coffee.....	719,912	.67	694,768	.71	484,781	.49	690,332	.76
Brass, and its manufactures.....	508,464	.48	455,772	.47	384,670	.39	350,830	.39
Soap, and its manufactures.....	762,952	.71	1,170,724	1.20	962,197	.98	630,319	.69

Perfumery and toilet preparations.....	363,642	.33	415,860	.43	537,012	.54	433,055	.48
Cars, carriages and parts of.....	1,175,760	1.10	947,824	.98	634,571	.64	487,189	.53
Copper, and its manufactures.....	425,208	.40	267,754	.28	250,802	.25	251,484	.28
Carabao, and other cattle.....	337,208	.32	616,646	.63	1,035,882	1.05	474,271	.52
Sugar and molasses.....	727,130	.68	550,690	.57	417,672	.42	163,742	.18
All other imports.....	8,412,760	7.89	7,415,850	7.63	6,858,501	6.95	7,299,936	8.02
Total.....	106,625,572	100.00	97,177,306	100.00	98,624,367	100.00	90,992,675	100.00

NOTE.—The values given in this statement are furnished by the Bureau of Customs.



TABLE No. 46.—*Values of principal articles imported into the Philippine Islands, and the percentage of each to the total imports during each year from 1909 to June 30, 1919—Continued.*

Articles.	1917		1918		1919 *	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Cotton, and its manufactures.....	P37,574,005	28.55	P58,016,844	29.42	P20,684,881	19.10
Iron and steel, and their manufactures.....	11,855,125	8.01	24,507,970	12.42	15,968,480	14.74
Rice.....	10,781,463	8.19	16,433,585	8.33	6,837,757	6.31
Automobiles, and parts of.....	3,080,801	2.34	6,525,665	3.31	2,936,486	2.71
Wheat flour.....	3,831,050	2.91	6,033,528	3.06	2,424,170	2.24
Silk, and its manufactures.....	3,961,187	3.01	5,727,024	2.90	2,894,941	2.67
Fish and fish products.....	1,855,736	1.41	5,212,350	2.64	2,010,104	1.86
Fibers, vegetables and its manufactures.....	3,071,808	2.33	4,724,325	2.40	2,601,950	2.40
Coal.....	3,076,470	2.34	4,662,349	2.36	3,399,266	3.14
Leather, and its manufactures.....	3,247,817	2.47	4,171,064	2.12	2,897,703	2.68
Meat products.....	2,850,873	2.17	4,128,539	2.09	1,796,414	1.66
Paper, and its manufactures.....	3,778,373	2.87	3,683,982	1.87	2,659,384	2.46
Chemicals, drugs, dyes and medicines.....	2,862,248	2.17	3,341,434	1.69	2,130,050	1.97
Non illuminating oils.....	2,914,882	2.22	3,168,282	1.61	1,239,495	1.15
Dairy products.....	3,129,238	2.38	2,671,032	1.35	2,072,598	1.91
Vegetables.....	1,823,970	1.39	2,436,088	1.24	1,430,460	1.32
Illuminating oil.....	2,673,335	2.03	2,426,920	1.23	3,310,179	3.06
Instruments and apparatus.....	1,893,907	1.44	2,218,768	1.13	1,092,414	1.01
Wood, and its manufactures.....	1,098,429	.83	1,772,346	.90	1,053,590	.97
Glass and glassware.....	950,781	.72	1,747,445	.89	991,017	.92
Wool, and its manufactures.....	855,827	.65	1,743,095	.88	1,470,380	1.36
Tobacco, and its manufactures.....	1,178,446	.90	1,569,330	.80	863,883	.80
Paints and pigments.....	663,743	.50	1,391,785	.71	1,088,117	1.00
Fruits and nuts.....	893,204	.63	1,239,940	.63	1,352,904	1.25
Books, and other printed matter.....	971,559	.74	1,211,292	.61	622,307	.57
Diamonds, and other precious stones.....	712,299	.54	1,199,781	.60	666,512	.62
India rubber, and its manufactures, except auto tires.....	682,232	.52	1,163,118	.59	815,962	.75
Plated ware, gold and silver.....	591,105	.45	1,135,415	.58	607,874	.56
Other breadstuffs.....	885,158	.67	1,115,074	.57	605,269	.56
Cement.....	596,513	.46	996,855	.51	750,152	.69
Cocoa or cacao.....	905,054	.69	992,459	.50	572,615	.53
Eggs.....	580,706	.44	966,346	.49	714,170	.66
Earthen, stone and chinaware.....	553,543	.42	879,314	.45	359,274	.33
Spirits, wines and liquors.....	656,613	.50	806,394	.41	415,290	.38
Coffee.....	837,252	.64	748,017	.38	223,394	.21
Brass, and its manufactures.....	569,089	.43	728,986	.37	520,918	.48
Soap, and its manufactures.....	1,163,630	.88	693,265	.35	469,753	.43

Perfumery and toilet preparations.....	712,129	.54	664,373	.34	479,928	.44
Cars, carriages and parts of.....	490,161	.37	549,489	.28	922,702	.85
Copper, and its manufactures.....	443,360	.34	518,442	.26	465,266	.43
Carabao, and other cattle.....	432,987	.33	233,077	.12	451,171	.42
Sugar and molasses.....	86,624	.07	84,612	.04	56,964	.05
All other imports.....	9,891,329	7.52	12,958,424	6.57	13,381,118	12.35
Total.....	131,594,061	100.00	197,198,423	100.00	108,307,042	100.00

" From January 1 to June 30, only. Figures are preliminary only, and subject to alteration in a later issue.

NOTE.—The values given in this statement are furnished by the Bureau of Customs.

GRAPH IV

Values of Principal Articles Exported from the Philippine Islands, 1899-1918

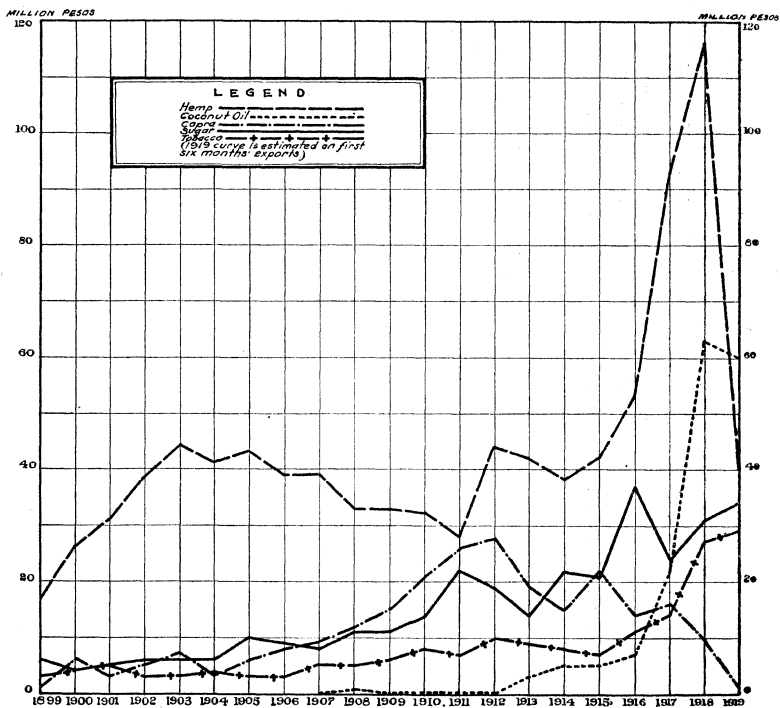


TABLE No. 47.—*Values of principal articles exported from the Philippine Islands and the percentage of each to the total exports from the year 1909 to June 30, 1919.*

Articles.	1909		1910		1911		1912	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Hemp.....	₱33,792,000	48.38	₱32,950,622	40.55	₱28,970,254	32.31	₱44,151,342	40.19
Coconut oil.....			32	(c)			80	(c)
Sugar:								
Centrifugal (refined).....	11,216,574	16.06	14,448,770	17.78	22,151,346	24.70	19,600,680	17.84
Raw.....								
Tobacco:								
Cigars.....	3,509,058	5.02	5,519,322	6.79	3,803,726	4.24	6,184,128	5.63
Cigarettes.....	42,058	.06	81,280	.10	62,674	.07	109,820	.10
Other tobacco.....	3,097,952	4.44	3,217,360	3.95	3,789,762	4.20	4,432,816	4.04
Copra.....	15,345,730	21.97	21,278,098	26.19	26,039,124	29.04	28,366,932	25.82
Embroideries.....								
Magney.....	576,994	.83	405,186	.50	587,112	.66	1,098,584	1.00
Cordage.....								
Hemp, knotted.....			705,404	.87	843,976	.94	1,722,370	1.57
Haus.....	478,180	.68	557,826	.69	880,492	.98	925,114	.84
Lumber.....			37,360	.05	59,724	.07	235,868	.22
Shells a.....	276,418	.40	428,704	.53	533,446	.59	650,172	.59
Pearl buttons.....	(b)		(b)		(b)		(b)	
Pearls.....	(b)		(b)		(b)		(b)	
Gum copal.....	(b)		(b)		(b)		(b)	
Candlenut oil.....	(b)		(b)		(b)		(b)	
Metals, metal composition and manufactures.	(b)		(b)		(b)		(b)	
Glue.....	(b)		(b)		(b)		(b)	
Beche-de-mer.....	(b)		(b)		(b)		(b)	
Fruits and nuts.....	(b)		(b)		(b)		(b)	
Rubber, crude.....	(b)		(b)		(b)		(b)	
Copper, scrap and old.....	(b)		(b)		(b)		(b)	
Malt liquors.....	(b)		(b)		(b)		(b)	
Ilalang oils.....	(b)		(b)		(b)		(b)	
Sapan wood.....	(b)		(b)		(b)		(b)	
Shark fins.....	(b)		(b)		(b)		(b)	
Distilled spirits.....	1,244,902	1.78	1,235,248	1.52	1,472,946	1.64	1,760,086	1.60
All other domestic merchandise.....	268,808	.38	391,714	.48	499,672	.56	608,608	.56
Exports of foreign merchandise.....								
Total.....	69,848,674	100.00	81,256,926	100.00	89,674,254	100.00	109,846,600	100.00

^a Tortoise, window, dead and all other shells were excluded from 1909 to 1916.

^b Included in all other domestic merchandise.

^c Less than one-hundredth of one per cent.

NOTE.—The values given in this statement are furnished by the Bureau of Customs.

TABLE No. 47.—*Values of principal articles exported from the Philippine Islands and the percentage of each to the total exports from the year 1909 to June 30, 1919—Continued.*

Articles.	1913		1914		1915		1916	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Hemp.....	P42,242,168	44.21	P38,389,630	39.42	P42,678,200	39.65	P53,384,593	38.17
Coconut oil.....	2,292,678	2.40	5,238,366	5.38	5,641,003	5.24	7,851,469	5.61
Sugar:								
Centrifugal (refined).....								
Raw.....	14,065,778	14.72	22,119,186	22.71	22,620,430	21.02	37,175,185	26.58
Tobacco:								
Cigars.....	6,024,468	6.31	4,630,318	4.75	4,114,605	3.82	5,688,751	4.07
Cigarettes.....	95,830	1.0	77,446	.08	84,990	.08	99,483	.07
Other tobacco.....	3,813,638	3.99	3,647,300	3.75	3,210,273	2.98	5,864,115	4.19
Copra.....	19,091,448	19.98	15,960,540	16.39	22,223,109	20.65	14,231,941	10.17
Embroideries.....	332,338	.37	324,912	.36	735,303	.68	2,328,024	1.66
Magney.....	1,181,902	1.24	834,114	.86	1,070,407	.99	3,479,978	2.49
Cordage.....	124,402	.13	172,028	.18	189,799	.18	293,245	.21
Hemp, knotted.....	1,131,402	1.18	1,141,574	1.17	611,493	.57	1,065,317	.76
Hats.....	817,878	.86	627,762	.65	514,138	.48	1,313,226	.94
Lumber.....	623,314	.65	619,528	.64	470,551	.44	981,288	.70
Shells a.....	751,582	.79	680,662	.70	602,511	.56	503,151	.36
Pearl buttons.....	77,346	.08	122,234	.13	161,481	.15	244,282	.18
Pearls.....	10,000	.01	7,990	.01	39,306	.04	111,677	.08
Gum copal.....	191,988	.20	225,078	.23	206,446	.19	211,593	.15
Candlenut oil.....			80	(b)			200	(b)
Metals, metal composition and manufactures.....	40,388	.04	42,602	.04	88,510	.08	210,194	.15
Glue.....	14,604	.02	24,610	.03	29,704	.03	37,203	.03
Beche-de-mer.....	104,434	.11	110,926	.11	205,667	.19	383,307	.06
Fruits and nuts.....	33,106	.03	62,642	.06	48,649	.05	50,744	.04
Rubber, crude.....	346	(b)	3,946	(b)	23,869	.02	33,719	.02
Copper, scrap and old.....	93,044	.10	50,574	.05	201,360	.19	260,990	.19
Malt liquors.....	28,196	.03	34,246	.04	31,937	.03	19,400	.01
Ilang-ilang oils.....	133,638	.14	46,790	.05	43,514	.04	75,032	.05
Sapan wood.....	18,648	.02	18,788	.02	36,505	.03	74,906	.05
Shark fins.....	154	(b)						
Distilled spirits.....	154	(b)	4,068	(b)	10,657	.01	40,186	.03
All other domestic merchandise.....	1,406,726	1.47	1,053,688	1.08	627,339	.58	932,488	.68
Exports of foreign merchandise.....	784,468	.82	1,107,640	1.14	1,104,252	1.03	3,208,678	2.30
Total.....	95,545,912	100.00	97,379,268	100.00	107,626,008	100.00	139,874,365	100.00

^a Tortoise, window, dead and all other shells were excluded from 1909 to 1916.^b Less than one-hundredth of one per cent.

NOTE.—The values given in this statement are furnished by the Bureau of Customs.

Articles.	1917		1918		1919 ^a	
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.
Hemp.....	P23,615,559	48.96	P116,383,100	43.04	P20,294,703	21.46
Coconut oil.....	22,818,294	11.93	63,328,317	23.42	30,066,610	31.78
Sugar:						
Centrifugal (refined)	9,334,124	4.88	11,758,567	4.35	6,243,543	6.60
Raw.....	15,221,233	7.96	19,850,213	7.34	10,902,584	11.52
Tobacco:						
Cigars.....	9,588,192	5.01	14,238,437	5.26	8,585,750	9.08
Cigarettes.....	113,014	.06	231,941	.09	192,196	.20
Other tobacco.....	4,599,875	2.41	12,685,248	4.69	6,174,473	6.53
Copra.....	16,654,301	8.71	10,377,029	3.84	555,386	.59
Embroideries.....	3,929,318	2.06	4,361,352	1.61	2,215,536	2.34
Maguay.....	4,636,493	2.46	3,736,108	1.38	2,716,737	.76
Cordage.....	768,974	.40	1,733,968	.64	374,836	.40
Hemp, knotted.....	1,880,159	.98	1,578,869	.58	200,057	.21
Hats.....	1,390,833	.73	1,183,446	.44	589,077	.62
Lumber.....	823,560	.43	638,989	.24	330,255	.34
Shells.....	293,906	.15	547,615	.20	113,281	.12
Pearl buttons.....	224,630	.12	181,330	.07	52,531	.06
Pearls.....	16,682	.01	177,785	.07	37,172	.04
Gum copal.....	188,940	.10	138,821	.05	31,172	.04
Candlenut oil.....			129,238	.05	42,273	.04
Metals, metal composition and manufactures			101,549	.04	74,056	.08
Glue.....	101,413	.05	87,478	.03	36,371	.04
Beche-de-mer.....	39,818	.02	85,195	.03	164,770	.18
Fruits and nuts.....	54,501	.03	78,401	.03		
Rubber, crude.....	72,935	.04	75,210	.03		
Copper, scrap and old.....	143,194	.07	72,380	.03	73,053	.08
Malt liquors.....	45,656	.02	71,543	.03	14,776	.02
Ilalang oils.....	93,951	.05	65,595	.02	25,700	.03
Sapan wood.....	65,863	.03	62,501	.02	67,461	.07
Shark fins.....	41,847	.02	57,973	.02		
Distilled spirits.....	4,362	(c)	51,720	.02	1,961	(c)
All other domestic merchandise.....	981,938	.52	683,128	.25	864,785	.92
Exports of foreign merchandise.....	3,324,851	1.75	5,640,918	2.09	5,350,322	5.66
Total.....	191,208,613	100.00	270,388,964	100.00	94,579,756	100.00

^a From January 1 to June 30, only. Figures are preliminary only, and subject to alteration in a later issue.

^b Dead shells not included.

^c Less than one-hundredth of one per cent.

NOTE.—The values given in this statement are furnished by the Bureau of Customs.

TABLE No. 48.—Foreign trade of the Philippine Islands, by ports of entry, during certain calendar years from 1874 to 1919.^a

Year.	Manila.		Iloilo.		Cebu.		Zamboanga.	
	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.
1874.	₱13,067,723	₱13,789,678	₱406,242	₱1,479,876	₱208,944	₱2,025,128	₱21,345	.....
1875.	11,904,539	14,058,127	270,493	3,441,039	21,591	1,256,186	10,758	₱440
1876.	11,964,996	12,123,751	7,451	1,861,091	5,522	817,084	7,671	.....
1877.	19,368,972	12,549,818	53,792	2,531,092	96,051	1,262,983	3,794	.....
1878.	16,464,708	12,834,449	807,395	2,448,458	3,496	2,131,365	7,169	.....
1879.	17,766,054	14,998,055	254,170	2,734,603	4,091	1,018,582	2,666	.....
1880.	24,872,912	17,457,725	549,419	4,068,679	22,889	1,923,881	14,262	.....
1881.	20,194,427	17,665,852	557,616	4,071,898	8,672	2,841,257	10,816	.....
1882.	20,013,785	14,579,847	1,198,595	3,416,770	39,982	2,877,217	784	.....
1883.	19,643,464	18,624,023	1,377,978	5,328,570	273,820	2,429,048	.....	.....
1884.	18,827,525	18,185,884	1,984,842	2,546,007	419,867	1,940,943	14,007	.....
1885.	17,852,569	16,497,904	1,047,053	5,715,379	260,448	2,330,404	.....	.....
1886.	21,844,708	18,774,011	1,792,958	6,754,125	165,881	2,448,433	8,645	.....
1887.	23,436,887	23,454,377	2,352,034	9,465,662	124,949	3,267,432	.....	.....
1888.	26,126,711	25,854,006	2,225,690	4,624,290	205,671	2,671,688	.....	.....
1889.	23,374,053	28,399,036	1,992,234	5,794,888	31,061	2,461,803	1,450	.....
1890.	37,326,588	28,235,028	2,013,474	5,698,560	1,540,086	4,593,188	.....	.....
1891.	48,570,892	45,406,778	3,643,932	2,738,648	2,651,850	4,836,734	92,448	34,892
1900.	66,881,052	41,358,070	4,119,998	4,030,636	2,430,628	6,013,518	256,162	106,674
1902.	64,826,582	47,524,972	3,926,364	7,100,178	5,272,018	10,923,556	492,428	325,884
1903.	57,086,276	62,447,376	6,045,340	6,669,908	6,559,570	10,200,926	356,732	222,272
1904.	51,673,024	52,144,896	3,724,210	6,166,772	3,659,468	7,571,940	257,032	108,628
1905.	49,681,960	49,363,240	3,751,368	6,876,788	5,555,910	10,088,716	512,340	230,246
1906.	44,751,548	47,837,166	3,424,812	7,618,886	3,495,890	9,177,556	650,568	322,222
1907.	50,847,808	45,820,644	3,993,616	6,989,364	4,526,150	12,287,928	820,942	551,596
1908.	47,944,910	45,518,672	4,562,866	7,912,946	4,592,744	10,960,240	737,590	431,538
1909.	51,548,172	46,546,043	4,210,270	9,589,356	5,055,826	12,705,322	802,834	583,758
1910.	84,206,780	53,956,116	6,930,958	11,377,942	6,442,462	14,374,480	1,008,544	857,196
1911.	79,993,764	58,386,992	7,696,888	15,543,230	6,344,372	13,840,380	1,259,546	622,776
1912.	105,004,172	79,845,538	8,129,160	13,492,724	8,121,590	14,931,478	1,550,588	694,668
1913.	94,642,378	74,262,110	5,407,962	10,068,514	4,679,930	9,360,386	945,314	875,064
1914.	85,630,378	68,245,754	6,297,400	16,579,056	4,794,260	10,840,432	769,396	903,404
1915.	85,448,775	74,073,195	6,293,937	18,672,793	5,770,237	13,706,286	533,101	674,343
1916.	79,060,912	98,598,767	5,121,790	27,196,203	5,671,466	13,274,011	482,202	456,069
1917.	117,072,046	153,746,704	4,488,606	9,529,885	8,036,105	27,234,674	966,006	498,187
1918.	178,939,906	228,818,256	4,349,937	16,019,055	11,484,577	24,718,359	1,354,051	483,541
1919.	97,996,213	74,240,951	2,474,350	9,308,897	5,998,007	10,378,782	1,261,383	287,091
1918.	82,477,855	102,851,689	2,360,777	6,145,038	4,199,960	10,264,127	468,363	132,017

^a For sources of statistical data in this statement, see note in Table No. 44, page 95.^b Values of gold and silver imports and exports included.^c From January 1 to June 30, only. The figures are preliminary only, and subject to alteration in a later issue.

Year.	Jolo.		Balabac.		All others. ^b	
	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.
1874						
1875						
1876						
1877						
1878						
1879						
1880						
1881						
1882						
1883						
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1909						
1910						
1911						
1912						
1913						
1914						
1915						
1916						
1917						
1918						
1919 ^d						
1918 ^c						

^a For sources of statistical data in this statement, *see note* in Table No. 44, page 95.

^b All others include the ports of Sual, Atimonan, Siassi, Aparri, Bongao, Puerto Princesa, Jurata, Sitanki, and Davao, now closed.

^c Values of gold and silver imports and exports included.

^d From January 1 to June 30, only. The figures are preliminary only, and subject to alteration in a later issue.

TABLE No. 49.—Comparative monthly foreign trade of the Philippine Islands, 1916-1919.

[Source: Bureau of Customs.]

Month.	Imports.									
	1916	1917	1918	1919	Increase (+) or decrease (—)					
					1916-1917		1917-1918		1918-1919	
					Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
January.....	₹7,926,391	₹9,239,263	₹16,484,943	₹18,964,354	+₹1,312,872	16.56	+₹7,245,680	78.42	+₹2,479,411	+15.04
February.....	4,804,897	7,449,533	11,546,512	14,457,689	+2,644,637	55.04	+4,096,979	54.99	+2,911,177	+25.21
March.....	7,206,511	9,952,141	14,857,742	26,607,773	+2,745,630	38.09	+4,905,601	49.29	+11,750,081	+79.08
April.....	6,757,355	6,081,724	10,268,035	17,891,228	+3,675,631	9.39	+4,186,311	68.83	+7,623,193	+74.24
May.....	7,227,622	10,687,249	15,799,660	18,645,518	+3,469,627	48.00	+5,102,411	47.70	+2,154,142	+13.63
June.....	7,127,766	10,604,512	21,000,048	16,740,480	+3,476,746	48.77	+10,395,536	98.03	—	—20.28
July.....	9,710,614	13,999,913	18,563,947	15,785,368	+4,289,299	44.17	+4,564,034	32.60	+4,259,568	—
August.....	7,627,820	13,055,303	15,785,368	15,785,368	+5,427,483	71.16	+3,730,065	20.81	—	—
September.....	7,112,759	14,075,786	17,347,893	17,347,893	+6,963,027	97.89	+2,972,107	23.25	—	—
October.....	9,460,822	13,217,113	17,991,092	17,991,092	+3,756,291	39.70	+4,773,979	36.12	—	—
November.....	8,945,962	10,722,246	18,352,645	18,352,645	+1,776,284	19.85	+7,630,399	71.16	—	—
December.....	7,084,156	12,499,278	19,200,538	19,200,538	+5,415,122	76.44	+6,701,260	53.61	—	—
Total.....	90,992,675	131,594,061	197,198,423	₹108,307,042	+40,601,386	44.62	+65,604,362	49.85	+18,350,102	+20.40

Month.	Exports.										
	1916	1917	1918	1919	Increase (+) or decrease (—)						
					1916-1917		1917-1918		1918-1919		
					Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	
January.....	11,902,944	10,954,120	23,648,302	17,777,156	—	948,824	7.97	+12,694,182	+115.89	—	—
February.....	9,029,570	10,906,610	24,245,625	18,334,421	+1,877,040	20.79	+13,338,015	+122.30	—	—	
March.....	12,393,236	16,455,081	20,831,667	12,054,049	+4,061,845	32.77	+4,376,586	26.60	—	—	
April.....	9,096,170	9,368,215	14,021,944	10,054,562	+4,924,045	5.41	+4,433,729	42.14	—	—	
May.....	14,874,994	19,043,360	19,760,549	14,580,477	+4,331,634	29.12	+9,217,189	87.42	—	—	
June.....	16,636,339	19,042,251	17,002,158	21,779,091	+2,405,912	14.46	+2,040,093	10.71	—	—	
July.....	14,212,900	13,627,260	30,359,995	30,359,995	+685,640	4.82	+16,832,735	+124.44	—	—	
August.....	9,759,580	23,627,650	22,219,554	22,219,554	+13,868,070	142.10	+1,408,096	5.96	—	—	
September.....	12,106,964	20,606,559	30,848,338	25,069,483	+8,499,595	70.20	+10,241,779	49.70	—	—	
October.....	9,985,677	25,069,483	25,356,483	25,356,483	+15,083,806	151.05	+287,000	1.14	—	—	
November.....	10,300,382	16,272,361	24,006,334	24,006,334	+5,971,979	57.98	+7,733,993	47.53	—	—	
December.....	9,575,609	14,615,663	18,087,995	18,087,995	+5,040,054	52.63	+3,472,332	23.75	—	—	
Total.....	139,874,365	191,208,613	270,388,964	₹94,579,756	+51,334,248	36.70	+79,180,351	41.41	+24,930,489	+20.86	

Month.	Total trade.							
	Increase (+) or decrease (—)							
	1916	1917	1918	1919	1916-1917		1917-1918	
					Amount.	Per cent.	Amount.	Per cent.
January.....	₹19,829,335	₹20,193,383	₹40,133,245	₹36,741,510	+ ₹364,048	+ 1.84	+ ₹19,939,862	+ 98.74
February.....	13,834,467	13,356,143	35,792,137	32,792,110	+ 4,521,676	+ 32.68	17,435,994	+ 94.99
March.....	19,599,747	26,407,222	35,689,409	38,661,822	+ 6,807,475	+ 34.73	9,282,187	+ 35.15
April.....	15,853,525	15,669,939	24,289,979	27,945,790	— 183,586	— 1.16	8,620,040	+ 55.01
May.....	22,102,616	21,240,609	35,560,209	28,225,995	— 862,007	— 3.90	14,319,600	+ 67.42
June.....	23,764,105	29,646,763	38,002,206	38,519,571	+ 5,882,658	+ 24.75	+ 8,355,443	+ 28.18
July.....	23,923,514	27,527,173	48,923,942	.....	+ 3,603,659	+ 15.06	21,396,769	+ 77.73
August.....	17,387,400	36,682,953	38,004,922	.....	+ 19,295,553	+ 110.97	1,321,969	+ 3.60
September.....	19,219,723	34,682,345	48,196,231	.....	+ 15,462,622	+ 80.45	13,513,886	+ 38.96
October.....	19,446,499	38,286,596	43,347,575	.....	+ 18,840,097	+ 96.88	5,060,979	+ 13.22
November.....	19,246,344	26,994,607	42,358,999	.....	+ 7,748,263	+ 40.26	15,364,392	+ 56.92
December.....	16,659,765	27,114,941	37,288,533	.....	+ 10,455,176	+ 62.76	10,173,592	+ 37.52
Total.....	230,867,040	322,802,674	467,587,387	*202,886,798	+ 91,985,634	+ 39.82	+ 144,784,713	+ 44.85
							— 6,580,387	— 3.14

* Compared with the same period for 1918: the figures are preliminary only, and subject to alteration in a later issue.

GRAPH V.

Quantities and Values of Rice Imports, 1875-1919.

See Table No. 50.

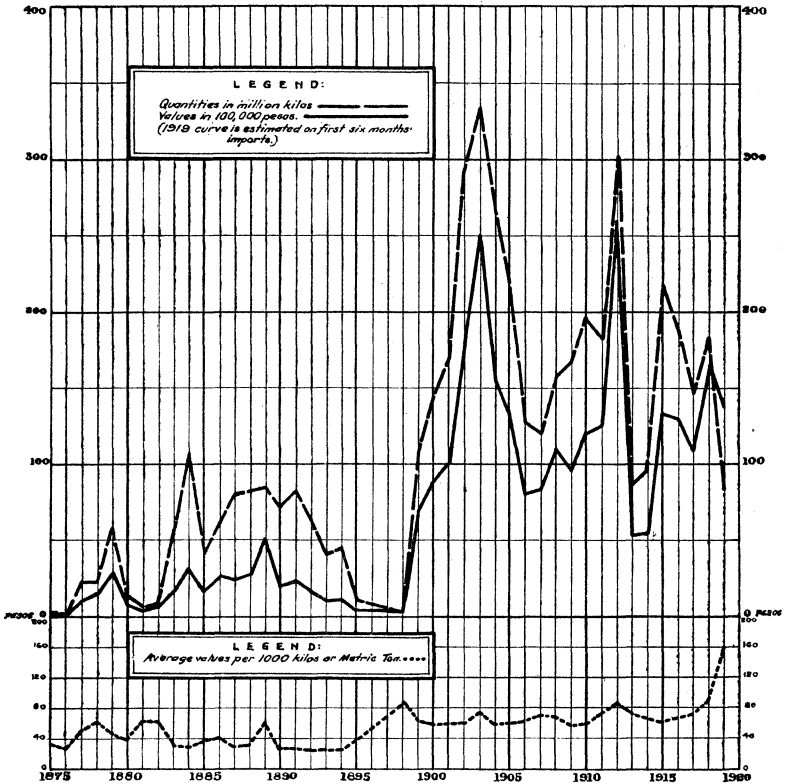


TABLE NO. 50.—Quantities and values of rice imported into the Philippine Islands, and their annual average import values and percentage to total imports, from 1874 to June 30, 1919.*

Year.	Quantity.		Value.	Average value per—		Percent- age of total im- ports.
	Metric tons. ^b	Equivalent in cavans.		Metric ton.	Cavan.	
1874	10,842	188,549	P488,204	P45.03	P2.59	3.56
1875	2,911	50,623	93,569	32.14	1.85	0.77
1876	240	4,166	6,196	25.82	1.49	0.05
1877	23,006	400,103	1,128,611	49.06	2.82	5.78
1878	23,670	411,654	1,501,237	63.42	3.65	8.68
1879	58,818	1,022,925	2,798,299	47.58	2.74	15.52
1880	13,556	235,750	527,424	38.91	2.24	2.07
1881	5,558	96,662	333,483	60.00	3.45	1.61
1882	9,414	163,726	564,830	60.00	3.45	2.66
1883	54,415	946,342	1,646,596	30.26	1.74	7.74
1884	108,432	1,869,511	3,243,579	29.91	1.73	15.27
1885	42,441	738,098	1,483,987	34.97	2.01	7.75
1886	61,799	1,074,760	2,584,145	41.82	2.40	12.87
1887	79,988	1,391,095	2,355,431	29.45	1.69	13.44
1888	82,445	1,451,225	2,703,391	32.80	1.86	12.75
1889	85,417	1,485,516	5,255,537	61.53	3.54	21.04
1890	71,167	1,237,682	1,912,749	26.88	1.55	9.67
1891	82,664	1,437,641	2,349,989	28.43	1.63	10.85
1892	62,709	1,090,594	1,567,727	25.00	1.44	6.59
1893	41,001	713,052	1,025,010	25.00	1.44	3.96
1894	44,871	780,360	1,130,018	25.18	1.45	3.96
1895	11,668	202,923	436,578	37.42	2.15	1.72
1896	3,915	68,092	347,022	88.64	5.10	3.22
1897	110,142	1,915,513	7,047,382	63.98	3.68	18.36
1898	145,838	2,536,313	8,730,112	59.86	3.44	17.56
1900	170,648	2,967,791	10,216,682	59.87	3.44	16.94
1901	290,057	5,044,470	17,568,776	60.57	3.48	26.35
1902	334,339	5,814,591	25,104,764	75.09	4.32	37.12
1903	265,754	4,621,809	15,421,508	58.03	3.34	26.07
1904	219,274	3,813,461	13,491,950	61.53	3.54	22.45
1905	127,053	2,209,617	7,983,826	62.84	3.61	15.12
1906	119,024	2,069,983	8,333,488	70.02	4.03	13.68
1907	158,385	2,754,522	11,105,142	70.11	4.03	19.02
1908	167,125	2,906,522	9,588,018	57.37	3.30	15.42
1909	197,326	3,431,757	11,982,670	60.73	3.49	12.05
1910	183,675	3,194,348	13,544,494	73.74	4.24	14.10
1911	301,057	5,235,774	26,017,012	86.42	4.97	21.10
1912	86,990	1,512,870	6,329,182	72.76	4.18	5.94
1913	96,921	1,685,583	6,552,296	67.60	3.89	6.74
1914	218,442	3,798,991	13,448,551	61.57	3.54	13.64
1915	189,836	3,301,496	13,043,642	68.71	3.95	14.33
1916	146,956	2,556,278	10,781,463	73.35	4.22	8.19
1917	183,732	3,195,309	16,433,585	89.44	5.14	8.33
1918						
1919 ^d	42,635	741,478	6,837,757	160.38	9.22	6.31
1918 ^d	77,642	1,350,295	6,294,162	81.07	4.66	7.00

* For sources of total values and quantities in metric tons in this statement, see note in Table No. 44, page 95.

^b One metric ton is equivalent to 1,000 kilos or 17.4 cavans of 57.5 kilos each. Equivalents in cavans are reduced from original figures in kilos.

^c From August to December, only.

^d From January to June, only. The figures are preliminary only, and subject to alteration in a later issue.

TABLE No. 51.—*Monthly importation of rice from 1913 to June 30, 1919.*

[Source: Bureau of Customs.]

Month.	1913		1914		1915		1916	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
January.....	M. tons. 6,269	₹564,070	M. tons. 3,482	₹247,118	M. tons. 22,483	₹1,391,994	M. tons. 7,516	₹480,473
February.....	18,460	948,504	3,131	238,374	13,075	822,748	10,697	682,822
March.....	5,579	441,470	8,252	554,116	17,333	1,032,462	12,816	835,753
April.....	3,720	317,478	6,539	440,928	16,445	993,234	14,329	879,908
May.....	3,348	265,064	1,499	132,662	18,604	1,081,100	10,894	693,908
June.....	5,052	444,104	9,323	640,978	22,906	1,276,044	19,169	1,270,555
July.....	8,079	608,170	9,408	580,566	23,727	1,421,718	22,087	1,538,985
August.....	6,651	393,878	16,431	954,584	26,691	1,557,814	21,126	1,492,198
September.....	18,927	1,180,506	10,493	678,426	22,003	1,351,753	18,598	1,316,543
October.....	9,539	604,062	12,548	859,782	16,912	1,221,330	22,924	1,743,133
November.....	6,061	442,276	5,775	433,880	5,907	421,795	16,175	1,185,621
December.....	1,305	119,600	11,040	791,782	12,356	876,559	13,525	923,762
Total.....	86,990	6,329,182	96,921	6,552,296	218,442	13,448,551	189,836	13,043,642

Month.	1917		1918		1919 ^a	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
	<i>M. tons.</i>		<i>M. tons.</i>		<i>M. tons.</i>	
January.....	7,466	\$575,068	7,749	\$738,948	14,480	\$2,036,845
February.....	10,445	767,117	6,302	518,881	7,519	1,292,441
March.....	9,596	715,576	12,755	976,179	5,705	386,130
April.....	7,128	495,716	18,071	1,441,053	5,651	980,607
May.....	13,406	956,018	14,437	1,080,465	5,938	925,900
June.....	17,456	1,232,100	18,328	1,539,136	3,342	615,834
July.....	22,828	1,672,287	26,663	2,233,131	.....	.....
August.....	14,240	1,057,672	9,643	882,518	.....	.....
September.....	14,039	1,060,149	12,698	1,176,341	.....	.....
October.....	14,822	1,011,385	27,864	2,676,939	.....	.....
November.....	9,269	672,268	16,311	1,703,052	.....	.....
December.....	6,491	566,107	12,921	1,467,442	.....	.....
Total.....	146,986	10,781,463	183,732	16,433,585	42,635	6,837,757

^a From January 1 to June 30, only. The figures are preliminary only, and subject to alteration in a later issue.

NOTE.—One metric ton is equivalent to 1,000 kilos or 17.4 cavans of 57.5 kilos each.

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TABLE No. 52.—Quantities and values of abaca or Manila hemp exported to all countries and to the United States, and their annual average export values from 1874 to June 30, 1919.^a

Year.	To all countries.				To the United States.				
	Quantity. (kilos.)	Value. (Pesos.)	Average value per 1,000 kilos.	Percentage of total exports.	Quantity.		Value.		
					Kilos.	Percentage of hemp ex- ported.	Pesos.	Percentage of total value of hemp exported.	
1874.	41,467,399	4,694,497	₧113.21	27.13	18,136,341	43.74	2,077,265	44.25	₧114.53
1875.	38,786,687	3,671,762	108.67	19.41	13,532,143	40.05	1,421,963	38.73	105.08
1876.	38,923,988	3,974,308	102.10	26.79	16,126,815	41.43	1,454,173	36.59	90.17
1877.	37,291,312	3,411,371	91.48	27.80	20,713,487	55.55	1,432,580	41.99	69.15
1878.	45,481,896	3,970,668	87.30	22.87	20,400,869	44.85	1,465,162	36.90	71.81
1879.	39,443,414	3,773,862	95.68	22.10	15,370,392	38.97	1,577,833	40.22	98.75
1880.	50,856,779	5,356,810	105.34	22.84	20,898,001	41.10	2,272,701	42.43	108.75
1881.	59,388,459	8,869,972	149.68	36.17	28,965,014	48.81	4,339,057	48.81	149.70
1882.	45,638,865	6,839,623	149.70	33.08	18,067,213	39.54	2,704,662	39.54	149.70
1883.	49,154,803	7,547,870	153.55	28.61	21,926,355	44.61	3,961,842	52.49	180.69
1884.	50,775,102	7,131,381	140.45	31.45	21,891,122	43.11	3,089,096	43.32	141.11
1885.	53,072,265	6,582,744	124.03	26.81	24,616,517	46.38	3,017,659	45.84	122.58
1886.	68,243,691	5,549,946	115.04	21.58	23,383,139	48.47	2,690,818	48.48	115.07
1887.	74,382,803	10,599,416	142.50	41.97	41,338,756	55.56	6,203,756	58.52	150.09
1888.	81,690,267	10,976,827	134.37	41.75	27,731,470	34.01	4,304,713	39.22	154.95
1889.	72,210,738	14,153,216	196.00	40.52	26,238,000	35.03	4,597,784	32.49	181.74
1890.	47,229,770	8,425,260	178.39	32.14	9,694,681	20.53	1,232,466	14.87	129.20
1891.	84,908,002	13,304,012	156.69	49.45	16,562,189	19.51	2,459,422	18.49	148.49
1892.	70,491,481	10,053,322	142.61	35.93	15,260,046	21.65	2,250,481	22.39	147.47
1893.	93,742,824	12,556,548	133.95	34.70	29,475,693	31.44	4,164,997	33.17	141.30
1894.	96,497,799	14,516,717	150.44	43.79	46,389,795	48.07	6,622,148	45.62	142.75
1895.	b107,339,951	12,690,229	118.23	33.68					
1896.	c27,138,891	6,079,534	224.01	58.85					
1897.	70,152,768	15,987,148	227.89	53.85	27,140,408	38.69	6,031,452	37.73	222.23
1899.	90,869,008	26,580,800	293.62	57.81	20,628,864	22.70	5,393,336	21.04	271.14
1901.	126,245,112	31,953,280	253.10	67.20	30,821,376	22.41	8,314,826	26.02	269.77
1902.	113,284,000	38,581,220	340.57	67.28	61,350,144	54.16	22,178,760	57.49	361.51
1903.	139,956,032	44,001,176	314.39	67.91	71,030,952	50.75	23,524,880	53.46	331.19
1904.	123,583,192	41,888,354	338.95	71.85	60,352,432	48.84	21,373,792	51.03	354.15
1905.	130,437,128	43,514,688	333.61	65.04	72,919,336	55.90	25,296,286	58.13	346.91
1906.	104,078,024	39,275,264	376.88	60.08	56,756,808	54.53	22,311,100	56.88	393.10
1907.	117,242,320	89,228,986	335.88	59.49	52,454,048	44.74	18,693,078	47.32	355.22
1908.	131,382,008	33,093,912	251.21	50.62	61,309,504	46.67	16,595,852	47.32	254.38
1909.	167,953,119	33,792,000	201.20	48.39	101,533,184	60.48	20,868,082	61.75	205.58
1910.	163,173,211	32,950,622	201.93	40.55	75,528,031	46.29	16,794,623	50.97	222.36

1911.....	148,202,047	28,970,254	195.48	32.31	63,580,150	42.90	13,535,580	46.72	212.89
1912.....	176,137,180	44,151,342	232.10	40.19	16,006,068	43.40	21,538,274	48.83	283.64
1913.....	119,821,435	42,542,168	332.54	44.21	47,144,232	39.35	19,574,434	46.34	415.20
1914.....	116,886,575	38,889,630	329.85	39.42	50,140,193	43.08	18,238,752	50.11	383.69
1915.....	142,010,431	42,678,200	300.53	39.65	69,251,180	48.76	22,702,566	53.19	327.83
1916.....	137,326,092	53,384,593	388.70	38.17	66,344,154	48.31	27,279,018	51.10	411.17
1917.....	169,435,204	93,615,559	552.51	48.96	95,580,320	56.41	59,291,095	63.33	620.32
1918.....	169,260,377	116,383,100	687.60	43.04	86,323,997	51.30	65,468,402	56.25	754.03
1919 ^a	36,851,246	20,294,703	550.72	21.46	20,124,689	54.61	11,835,325	58.26	588.09
1918 ^d	71,383,675	53,018,524	743.24	44.36	35,998,087	50.46	28,896,410	54.50	802.72

^a For sources of values and quantities of hemp exports in this statement, *see note* in Table No. 44, page 95.

^b Includes manufactured hemp not separately stated.

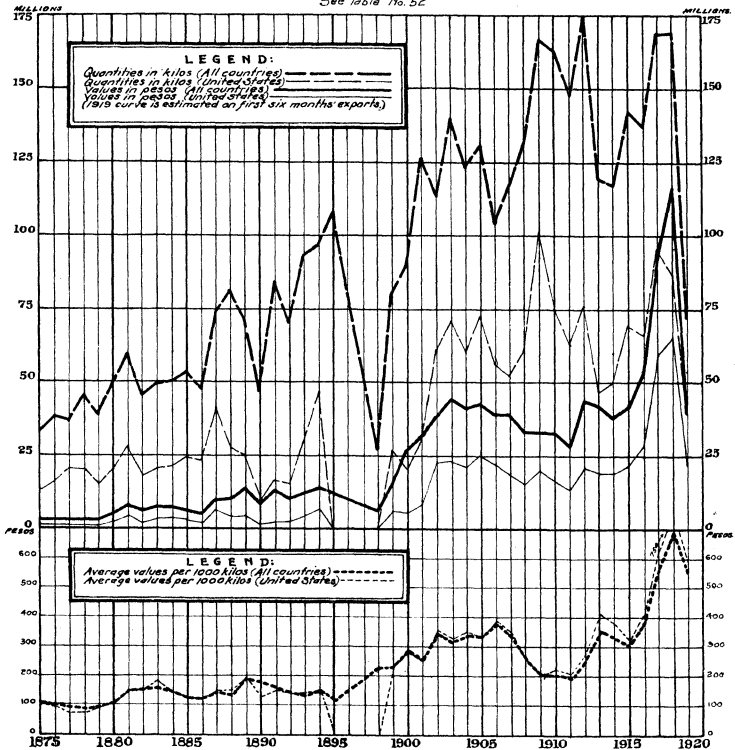
^c August to December, only.

^d From January 1 to June 30, only. The figures are preliminary only, and subject to alteration in a later issue.

GRAPH VI

Quantities and Values of Abaca (Manila Hemp) Exports, 1875-1919.

See Table No. 52

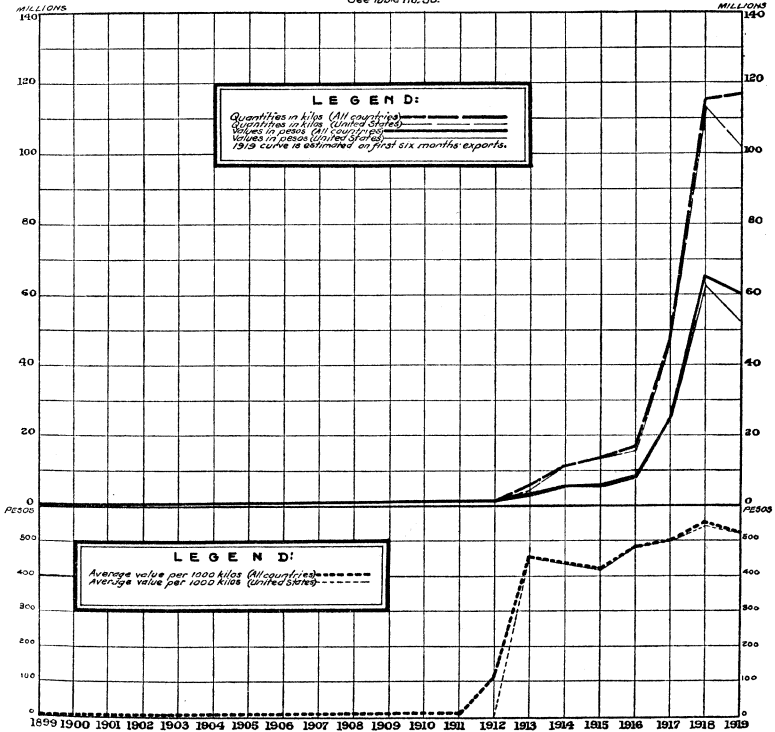


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GRAPH VII

Quantities and Values of Coconut Oil Exports, 1889-1919.

See Table No. 53.



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1918 f	45,198,415	22,818,294	504.85	11.93	45,045,690	99.66	22,755,319	99.72	505.16
1918	115,280,847	63,328,317	549.33	23.42	113,524,729	98.47	62,198,528	98.22	547.88
1919 f	58,023,889	30,066,610	518.18	31.79	51,681,999	89.07	26,926,452	89.56	521.00
1918 f	42,447,871	22,312,205	525.64	18.67	42,447,871	100.00	22,312,205	100.00	525.64

* For sources of quantities and values of coconut oil exports in this statement, see note in Table No. 44, page 95.
 b August to December, only.

c Gallons.

d Per gallon.

e Less than one-hundredth of 1 per cent.

f From January to June, only. The figures are preliminary only, and subject to alteration in a later issue.

TABLE No. 54.—Quantities and values of copra exported to all countries and to the United States, and their annual average export values from 1866 to June 30, 1919.*

Year.	To all countries.			To the United States.			
	Quantity. (Kilos.)	Value. (Pesos.)	Average value per 1,000 kilos.	Quantity.		Value.	Average value per 1,000 kilos.
				Kilos.	Percentage of total quan- tity of copra exported.	Pesos.	Percentage of total value of copra exported.
1866 b.	36,807	c 2,880	c 78.26				
1867 .	52,405	c 4,554	c 86.91		.01		
1868 d	2,494,882	e 253,274	f 101.51		.02		
1899 .	15,353,175	1,453,306	94.65		2.45		
1900 .	64,890,953	6,364,932	98.05		4.89		
1901 .	32,517,773	3,223,676	99.13	103,234	13.84	8,900	14
1902 .	59,226,864	5,403,450	91.23		6.58		
1903 .	82,154,170	7,639,586	93.00	58,995	9.42	18,114	.34
1904 .	38,572,325	3,962,244	102.72	176,156	11.79	18,708	.24
1905 .	55,748,625	6,489,406	116.40	102,576	6.80	12,850	.32
1906 .	60,585,955	8,747,404	144.38	102,504	6.70	16,000	.25
1907 .	58,622,437	9,568,302	163.21	377,626	13.40	70,200	.80
1908 .	97,494,971	12,117,712	124.29	2,109,002	14.45	395,116	4.13
1909 .	109,033,203	15,345,730	140.74	3,780,141	18.58	441,784	3.65
1910 .	120,483,808	21,278,098	176.60	5,943,618	21.97	844,356	3.45
1911 .	142,147,546	26,039,124	183.18	7,138,109	26.19	1,277,566	5.50
1912 .	142,792,929	28,366,932	198.65	15,209,138	5.92	2,756,690	6.00
1913 .	82,219,363	19,091,448	232.20	21,192,866	10.70	4,043,106	10.57
1914 .	87,344,695	15,960,540	182.73	10,037,813	14.84	3,398,166	14.25
1915 .	139,092,902	22,223,109	159.77	18,131,371	12.20	3,212,266	12.56
1916 .	72,277,164	14,231,941	196.90	21,217,754	20.82	3,520,090	20.13
1917 .	92,180,326	16,654,301	180.67	68,470,438	15.25	7,079,128	15.84
1918 .	55,061,736	10,377,029	188.46	12,235,929	49.08	12,235,902	49.74
				55,061,641	74.04	10,377,011	73.47
					99.99		99.99
							188.46

1919	2,077,744	555,386	267.27	59	975,289	46.94	243,822	43.90	250.07
1918	42,539,577	8,079,246	189.92	6.76	42,539,482	99.99	8,079,228	99.99	189.92

^a For sources of quantities and values of copra exports in this statement, see note in Table No. 44, page 95.

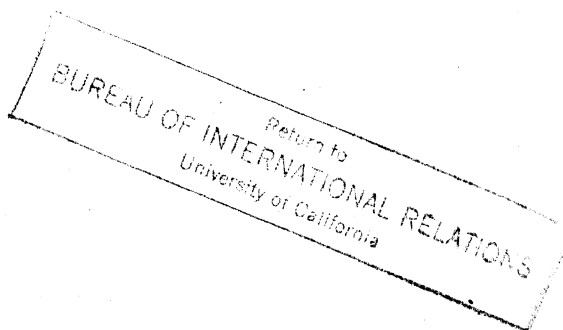
^b No exportation of copra during the preceding years, and from 1868 to 1895.

^c Escudos: one escudo equals 10 reales of 10 decimas each.

^d From August to December, only.

^e Includes values of copra and coconuts exported.

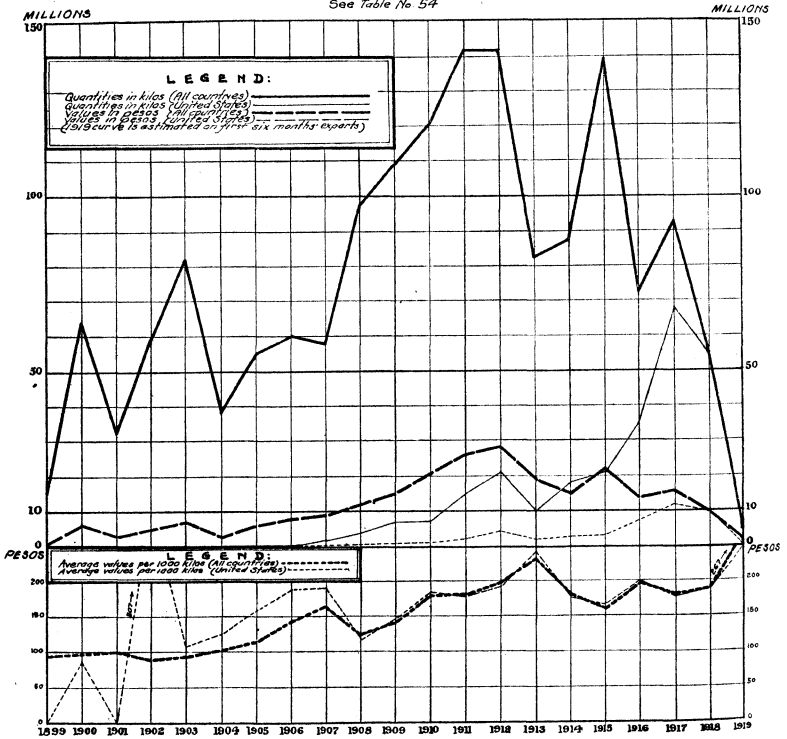
^f From January to June, inclusive, only. The figures are preliminary only, and subject to alteration in a later issue.



GRAPH VIII

Quantities and Values of Copra Exports, 1899-1919.

See Table No 54



GRAPH IX

Quantities and Values of Sugar Exports, 1875-1919.

See Table No. 55

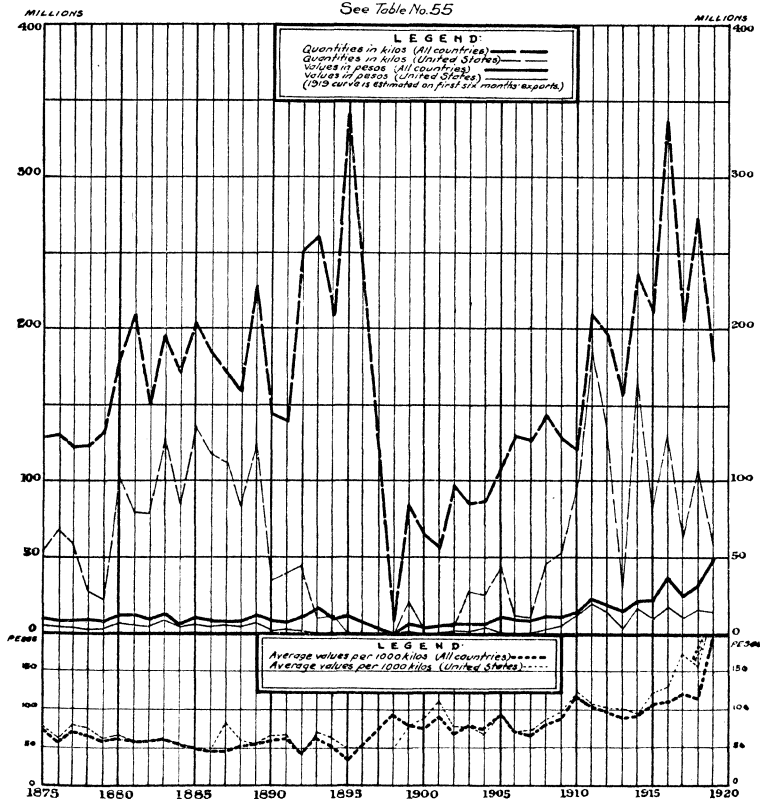


TABLE No. 55.—Quantities and values of sugar exported to all countries—and to the United States, and their annual average export values from 1874 to June 30, 1919.*

Year.	To all countries.				To the United States.			
	Quantity. (Kilos.)	Value. (Pesos.)	Average value per 1,000 kilos.	Percentage of total exports.	Quantity.		Value.	
					Kilos.	Percentage of total quantity of sugar exported.	Pesos.	Percentage of total value of sugar exported.
1874.	101,371,178	6,075,565	P59.93	35.11	46,306,609	45.68	3,058,869	50.35
1875.	128,112,022	9,248,899	72.19	48.88	53,772,621	41.97	4,162,796	45.00
1876.	130,547,168	7,404,807	56.72	49.91	68,830,906	52.72	4,184,843	56.52
1877.	122,994,279	8,798,798	71.54	53.82	58,889,996	47.88	4,701,098	53.43
1878.	122,023,223	8,270,988	67.78	47.49	27,954,901	22.91	2,135,163	25.82
1879.	131,859,429	7,752,814	58.80	49.29	51,842,384	39.32	3,170,046	40.89
1880.	181,190,277	11,408,966	62.97	48.65	102,286,549	56.45	6,894,843	67.41
1881.	208,805,946	12,403,993	59.40	50.47	79,061,228	37.86	4,702,176	37.91
1882.	150,422,917	8,935,039	59.39	43.22	78,983,053	52.51	4,691,593	52.51
1883.	196,834,580	12,091,476	61.43	45.83	127,446,057	64.75	8,006,465	66.22
1884.	122,128,821	6,877,052	56.31	30.33	85,172,757	69.74	4,721,836	68.66
1885.	204,222,480	10,357,852	50.72	42.18	135,052,541	66.13	6,967,474	67.27
1886.	184,939,549	8,976,904	48.54	34.90	117,150,164	63.35	5,774,537	64.33
1887.	171,754,248	7,995,726	46.55	31.66	83,140,780	64.88	5,421,469	67.80
1888.	160,987,894	8,497,331	52.78	32.32	111,440,780	68.85	6,480,253	80.65
1889.	228,468,873	12,382,346	54.20	35.45	125,762,890	55.05	7,039,908	56.85
1890.	144,841,483	8,836,236	60.92	33.72	34,124,603	23.56	2,236,553	25.38
1891.	138,217,635	7,341,168	53.11	27.29	46,929,196	33.95	3,185,471	43.39
1892.	252,798,196	11,341,014	44.86	40.54	45,980,779	18.19	1,979,810	17.45
1893.	261,521,901	16,914,980	64.75	46.74	10,091,936	3.86	704,562	4.17
1894.	210,646,386	10,975,185	52.10	33.11	11,461,087	5.44	733,355	6.68
1895.	341,469,556	11,808,688	34.58	31.34				
1896.	8,465,218	789,360	93.25	7.64				
1899.	85,827,565	6,919,420	80.62	23.30	21,887,428	25.50	1,778,910	25.71
1900.	65,190,951	4,794,288	73.54	10.43	2,153,477	3.30	186,944	3.90
1901.	56,472,593	5,112,626	90.53	10.43	5,225,989	9.18	586,708	11.48
1902.	98,596,473	6,692,300	67.38	11.67	5,120,133	5.19	400,000	5.97
1903.	85,307,972	6,650,468	77.96	10.26	29,315,374	34.36	2,271,652	34.16
1904.	87,053,051	6,185,504	71.05	10.61	25,897,940	29.75	1,741,248	28.15
1905.	108,498,717	10,146,466	93.52	15.16	43,591,777	40.18	4,204,145	41.43
1906.	129,453,709	9,108,184	70.36	13.95	11,857,594	9.16	844,222	9.27
1907.	127,917,216	8,391,342	65.60	12.68	10,988,024	8.59	807,702	9.63
1908.	144,735,001	11,407,282	78.82	17.50	46,706,756	32.27	3,932,332	34.47
1909.								
1910.								
1911.								
1912.								
1913.								
1914.								
1915.								
1916.								
1917.								
1918.								
1919.								

1909	129,327,480	11,216,574	86.73	16.06	53,072,968	41.04	5,239,208	47.24	99.85
1910	121,471,544	14,448,770	118.95	17.78	100,700,037	82.90	12,428,452	86.02	123.42
1911	209,044,397	22,151,346	105.96	24.70	187,658,886	89.77	20,204,206	91.21	107.67
1912	197,075,995	19,600,680	99.46	17.84	133,878,621	67.93	14,010,228	71.48	104.65
1913	157,333,707	14,065,778	89.40	14.72	30,716,886	19.52	3,128,072	22.24	101.84
1914	236,498,001	22,119,186	93.53	22.71	169,530,115	71.68	16,483,706	74.52	97.23
1915	211,012,817	22,620,430	107.20	21.02	82,841,168	39.26	10,283,159	45.46	124.13
1916	337,355,450	37,175,185	110.07	26.58	131,750,696	39.05	17,223,901	46.39	130.73
1917	205,908,492	24,555,357	119.25	12.84	62,377,758	30.29	10,811,518	44.03	173.83
1918	273,258,396	31,608,780	115.57	11.69	106,080,676	38.82	16,559,780	52.39	156.11
1919 ^c	90,165,022	17,146,127	190.16	18.13	29,224,514	32.41	6,837,901	39.88	233.97
1918 ^c	123,236,780	14,351,240	116.45	12.01	42,383,844	34.39	7,048,017	49.11	166.29

^a For sources of quantities and values of sugar exports in this statement, see note in Table No. 44, page 95.

^b August to December, only.

^c From January to June, only. The figures are preliminary only, and subject to alteration in a later issue.



GRAPH X

Quantities and Values of Cigar Exports, 1899-1919.

See Table No. 56

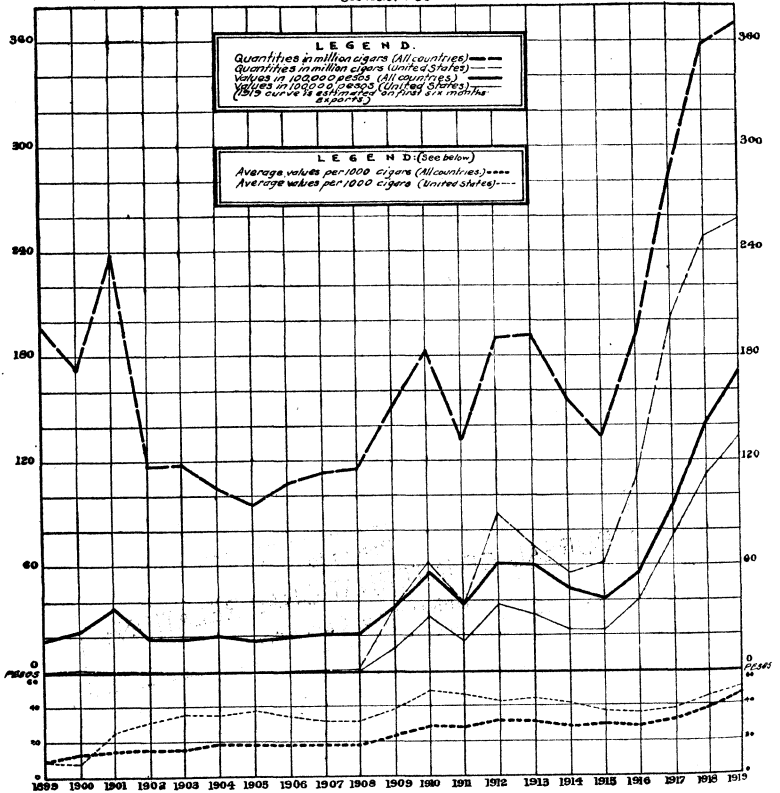


TABLE No. 56.—Quantities, and values of cigars, and all tobacco and its manufactures exported to all countries and to the United States, and their annual average export values from 1874 to June 30, 1919.*

Year.	To all countries.				All tobacco and its manufactures.	
	Cigars.			Percentage of total exports.	Total value.	Percentage of total exports.
	Quantity.	Value.	Average value per 1,000 cigars.			
1874	<i>Thousands</i>					
1875	95,027	\$1,260,134	\$13.26	7.28	\$3,460,207	20.00
1876	83,287	963,588	11.57	5.09	3,495,274	18.47
1877	162,847	786,725	4.83	6.33	1,191,448	6.33
1878	81,347	854,372	10.50	5.22	1,244,903	7.62
1879	112,051	1,526,530	13.62	8.74	2,076,874	11.89
1880	194,654	1,202,298	6.18	6.39	1,348,408	7.17
1881	104,196	2,107,824	20.23	8.99	2,476,497	10.56
1882	101,692	138,350	1.36	5.56	2,805,962	3.28
1883	631,957	434,876	1.69	2.10	2,631,583	12.73
1884	b 734,881	1,147,345	1.56			
1885	59,064	395,661	6.70	5.85	2,967,149	11.25
1886	b 800,093	1,260,651	1.58	5.56	1,817,787	8.02
1887	b 972,975	1,204,783	1.24	4.91	2,744,753	11.18
1888	635,129	1,354,319	2.13			
1889	b 181,319	224,393	1.24	6.14	2,570,491	9.99
1890	b 727,719	1,192,690	1.64	4.72	2,024,767	8.02
1891	b 1,687,805	1,502,590	.89	5.71	3,318,733	12.62
1892	b 1,230,133	1,157,470	.94	3.31	3,068,700	8.79
1893	b 1,385,537	1,396,936	1.01	5.33	3,003,690	11.46
1894	b 1,246,837	1,148,921	.92	4.27	2,771,013	10.30
1895	b 1,596,363	1,432,811	.90	5.12	3,701,810	13.23
1896	b 1,285,093	1,581,486	1.23	4.37	3,969,500	10.97
1897	b 1,144,365	1,750,006	1.53	5.28	3,158,668	9.53
1898	1,322,499	2,265,764	1.71	6.01	4,429,056	17.76
1899		1,896,916		18.36	2,798,416	27.09
1900	196,090	1,891,398	9.65	6.37	3,862,506	11.06
1901	172,659	2,316,834	13.42	5.04	4,522,464	9.74
1902	238,475	3,664,898	15.37	7.48	5,263,882	10.74
1903	117,852	1,977,036	16.78	3.45	3,925,248	6.85
1904	118,947	1,922,710	16.16	2.81	3,893,750	6.01
	104,753	2,011,790	19.21	3.45	4,037,054	6.92

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* For sources of quantities, and values of cigars and all tobacco and its manufactures exported to all countries and to the United States in this statement, see note in Table No. 44, page 95.

^b Kilograms; average value given is per kilogram.

^c From August to December, only; quantity not specified.

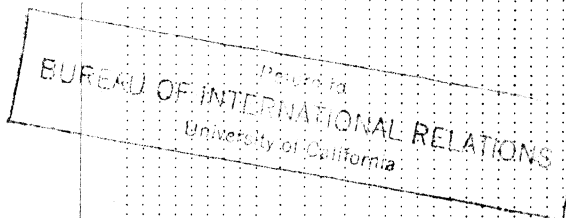


TABLE No. 56.—Quantities, and values of cigars, and all tobacco and its manufactures exported to all countries and to the United States, and their annual average export values from 1874 to June 30, 1919—Continued.

Year	To all countries.					
	Cigars.			All tobacco and its manufactures.		
	Quantity.	Value.	Average value per 1,000 cigars.	Percentage of total exports.	Total value.	Percentage of total exports.
	<i>Thousands</i>					
1905.....	95,739	\$1,785,122	\$18.65	2.67	\$3,140,264	4.69
1906.....	103,635	2,008,014	18.48	3.08	3,725,822	5.71
1907.....	114,665	2,126,764	18.55	3.21	5,064,674	7.65
1908.....	115,881	2,118,656	18.28	3.25	5,652,084	8.67
1909.....	151,437	3,509,058	23.17	5.02	6,649,068	9.52
1910.....	184,407	5,519,322	29.93	6.79	8,817,962	10.85
1911.....	134,830	3,803,726	28.21	4.24	7,636,162	8.52
1912.....	190,842	6,184,128	32.40	5.63	10,726,764	9.77
1913.....	191,762	6,024,468	31.42	5.63	9,933,936	10.40
1914.....	184,753	4,630,318	29.92	4.75	8,355,084	8.58
1915.....	134,648	4,114,605	30.56	3.82	7,409,868	6.88
1916.....	193,026	5,688,751	29.47	4.07	11,652,349	8.33
1917.....	284,525	9,588,192	33.70	5.01	14,301,081	7.48
1918.....	359,665	14,233,437	39.57	5.26	27,150,626	10.04
1919 ^a	185,948	8,585,750	46.17	9.08	14,952,419	15.81
1918 ^a	147,897	5,615,409	37.97	4.70	13,237,918	11.08

Year.	To the United States.					
	Cigars.			All tobacco and its manufactures.		
	Quantity.	Value.	Average value per 1,000 cigars.	Percentage of total value of all tobacco exported.	Total value.	Percentage of total value of all tobacco exported.
	<i>Thousands.</i>	<i>Pesos.</i>	<i>Percentage of total quantity of cigars exported.</i>	<i>Percentage of total value of cigars exported.</i>		
1874.....	1,342	20,180	1.41	1.60	\$20,180	.58
1875.....	1,314	10,023	1.53	1.04	10,023	.29

^a From January to June, only. The figures are preliminary only, and subject to alteration in a later issue.

1876	512	31	5,639	72	11.01	708	48
1877	1,045	1.29	5,396	68	5.16	18,933	1.52
1878	99,619	51.55	8,025	53	12.96	8,051	70
1879	99,535	51.13	9,381	73	54.09	9,381	43.08
1880	19,413	18.63	1,066,768	50.61	2.22	1,066,793	2.36
1881	7,561	7.44	16,780	12.13	1.32	19,031	.02
1882	407	.06	536	12	1.44	555	
1883	^b 918	11.12	1,318	11	34	3,212	.11
1884	4,111	6.96	1,380	35	4.913	4,913	.27
1885	^b 2,858	36	4,913	39	1.72	2,503	.09
1885	^b 1,283	13	2,500	21	1.95		
1886	^b 740	.09	1,284	.08	1.74	1,352	.05
1887	7,699	1.06	22,523	1.89	2.93	22,663	1.12
1888	^b 28,182	1.67	13,706	.91	.49	13,748	.41
1889	^b 23,210	1.81	23,890	2.06	1.08	24,172	.79
1890	^b 7,751	.56	6,806	.49	.88	7,106	.24
1891	^b 2,865	.23	3,623	.32	1.26	3,623	.13
1892	^b 1,441	.09	3,810	.06	1.56	3,810	.02
1893	^b 2,245	.17	3,607	.23	1.61	3,767	.03
1894	^b 3,229	.28	2,037	.12	.63	2,039	.06
1895							
1898 ^a	708	.36	6,810	.36	9.62	6,810	.18
1899 ^a	1,376	.80	11,324	.49	8.23	11,324	.25
1900	.72	.03	1,816	.05	25.22	1,968	.04
1901	698	.59	22,012	1.11	31.54	105,088	2.68
1902	107	.09	3,800	.20	35.51	5,386	.14
1903	57	.05	2,092	1.0	36.70	2,146	.05
1904	728	.76	28,223	1.58	38.77	3,560	.11
1905	1,690	1.56	59,340	2.96	35.11	46,960	1.26
1906	1,526	1.33	48,400	2.28	31.72	38,850	.77
1907	1,182	1.02	36,752	1.73	31.09	37,496	.66
1908	37,076	24.48	1,474,792	42.03	39.78	1,484,054	22.32
1909	61,526	33.36	3,121,598	56.56	50.74	3,157,122	36.80
1910	38,112	28.27	1,804,756	47.45	47.35	1,840,638	24.10
1911	90,000	47.16	3,916,642	63.33	48.52	3,916,642	36.51
1912	71,513	37.29	3,285,776	54.54	45.95	3,317,510	33.40
1913	56,205	23.40	2,400,252	51.84	42.71	2,424,018	29.01
1914	61,170	45.43	2,302,444	55.96	37.64	2,339,799	31.58
1915	111,478	57.75	4,066,242	71.48	36.47	4,456,620	38.25
1916	202,199	71.07	7,725,966	38.20	38.29	10,544,945	73.74
1917	248,748	69.16	11,365,675	79.85	45.69	14,667,875	54.02
1918							
1919 ^c	129,603	69.70	6,699,786	78.03	51.69	6,791,837	45.42
1918 ^c	102,061	69.01	4,550,558	81.04	44.59	6,243,055	47.16

^a No data available.^b Kilograms; average value given is per kilogram.^c From January to June, only. The figures are preliminary only, and subject to alteration in a later issue.

TABLE No. 57.—*Values of imports, exports and total trade distributed*

[Source: Bureau

Nationality.	Imports.				
	1909	1910	1911	1912	1913
Philippine.....	P1,281,658	P1,358,606	P5,475,360	P5,949,172	P3,907,134
American.....	1,505,368	11,065,066	9,024,078	10,035,348	12,384,324
British.....	39,286,070	57,774,444	51,861,618	67,608,040	60,837,728
Dutch.....					
French.....	647,326	732,764	966,580	1,390,874	8,356
German.....	6,225,828	8,556,436	9,787,986	16,222,152	11,258,342
Spanish.....	9,181,262	9,894,858	8,111,110	8,890,784	8,223,352
Norwegian.....	1,837,914	3,482,048	2,619,740	3,834,378	743,088
Japanese.....	1,901,274	4,890,910	6,607,382	8,318,282	8,083,396
Other nationalities.....	302,138	1,683,590	1,594,960	1,086,772	1,179,852
Total.....	62,168,838	99,438,722	96,048,814	123,335,802	106,625,572

Nationality.	Exports.				
	1909	1910	1911	1912	1913
Philippine.....	632,266	204,586	1,449,726	2,255,354	2,284,636
American.....	2,747,858	3,794,402	3,086,000	3,988,826	4,501,506
British.....	57,193,998	65,167,368	69,181,938	81,533,724	64,253,164
Dutch.....					
French.....	971,132	1,367,904			150
German.....	2,210,074	3,482,864	6,592,070	7,552,172	9,081,462
Spanish.....	4,919,422	5,102,710	4,949,456	5,804,036	5,666,864
Norwegian.....	177,936	21,508	1,908,764	728,768	169,350
Japanese.....	995,988	1,581,262	1,887,976	6,278,786	9,163,368
Other nationalities.....		534,322	618,324	1,704,934	425,412
Total.....	69,848,674	81,256,926	89,674,254	109,846,600	95,545,912

Nationality.	Total trade.				
	1909	1910	1911	1912	1913
Philippine.....	1,913,924	1,563,192	6,925,086	8,204,526	6,191,770
American.....	4,253,226	14,859,468	12,110,078	14,024,174	16,885,830
British.....	96,480,068	122,941,812	121,043,556	149,141,764	125,090,892
Dutch.....					
French.....	1,618,458	2,100,668	966,580	1,390,874	8,506
German.....	8,435,902	12,039,300	16,380,056	23,774,324	20,339,804
Spanish.....	14,100,684	14,997,568	13,060,566	14,694,820	13,890,216
Norwegian.....	2,015,850	3,503,556	4,528,504	4,563,146	912,438
Japanese.....	2,897,262	6,472,172	8,495,358	14,597,068	17,246,764
Other nationalities.....	302,138	2,217,912	2,213,284	2,791,706	1,605,264
Total.....	132,017,512	180,695,648	185,723,068	233,182,402	202,171,484

* From January 1 to June 30, only. The figures are preliminary

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according to nationality of carrying vessels during the years 1909 to 1919.*
of Customs.]

Imports.

1914	1915	1916	1917	1918	1919*
P2,749,010	P2,509,106	P4,658,869	P5,463,632	P9,252,212	P7,004,807
14,727,214	13,097,900	2,338,001	19,602,009	56,082,588	39,973,153
55,250,722	60,359,799	49,138,891	51,730,547	48,812,462	24,485,732
.....	1,070,890	7,277,509	6,752,936	4,597,559	3,507,059
7,077,776	334,695	995,695	.....	568,247	844,395
7,586,040	31,476	65,465	466,822	62,206	732,656
482,728	5,648,787	4,703,331	1,539,743	973,187	1,033,166
8,373,306	1,086,596	475,103	5,265,886	6,646,329	24,110
930,510	13,589,190	20,122,103	37,928,662	58,609,672	21,805,721
.....	895,928	1,217,708	2,843,824	11,593,961	8,896,243
97,177,306	98,624,367	90,992,675	131,594,061	197,198,423	108,307,042

Exports.

1914	1915	1916	1917	1918	1919*
1,185,530	764,458	2,729,413	6,451,772	6,316,506	2,792,717
5,706,786	7,889,935	11,810,563	55,198,152	106,773,797	46,292,499
70,423,906	75,717,647	79,927,694	57,807,218	72,187,426	22,801,122
.....	893,191	7,362,560	3,485,338	3,211,130	2,850,945
7,913,898	.....	16,702	.....	.....	.....
5,122,168	136	84	19	.....	.....
.....	4,729,779	4,898,577	2,124,004	6,791,864	2,629,302
6,236,504	341,600	4,057,850	11,600,669	10,943,569	.....
790,476	17,289,262	28,823,991	49,357,265	49,088,408	13,606,289
.....	.....	246,931	5,184,176	15,071,264	3,606,882
97,379,268	107,626,008	139,874,365	191,208,613	270,388,964	94,579,756

Total trade.

1914	1915	1916	1917	1918	1919*
3,934,540	3,273,564	7,388,282	11,915,404	15,568,718	9,797,524
20,434,000	20,987,835	14,148,564	74,800,161	162,861,385	86,265,652
125,874,628	136,077,446	129,066,585	109,537,765	120,999,888	47,286,854
.....	1,964,081	14,640,069	10,238,274	7,808,689	6,358,004
14,991,674	334,695	1,012,397	.....	568,247	844,395
12,708,208	31,612	65,549	466,841	62,206	732,656
482,728	10,378,566	9,601,908	3,663,747	7,765,051	3,662,468
14,609,810	1,428,196	4,532,953	16,866,555	17,589,898	24,110
1,720,986	30,878,452	48,946,094	87,285,927	107,698,080	35,412,010
.....	895,928	1,464,639	8,028,000	26,665,225	12,503,125
194,556,574	206,250,375	230,867,040	322,802,674	467,587,387	202,886,798

only, and subject to alteration in a later issue.

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TABLE No. 58.—*Annual registration, by general classification and capital stock, of domestic corporations, 1906–1919.*

Year.	Commerce.		Extractive industries.		General manufactures.		Miscellaneous.		Total.	
	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.
1906 ^a	5	₹890,000	13	₹4,360,000	6	₹217,500	8	₹550,000	32	₹5,017,500
1907.....	5	256,000	15	1,434,100	8	340,500	31	316,944	59	2,347,544
1908.....	13	854,500	10	1,825,000	10	1,122,000	13	501,000	46	4,302,500
1909.....	17	3,309,000	30	9,248,700	8	3,610,000	19	315,000	74	16,482,700
1910.....	20	14,231,000	35	9,452,100	17	2,207,560	38	319,300	110	26,209,960
1911.....	36	14,431,800	31	9,909,000	13	4,897,100	31	692,500	111	29,930,400
1912.....	39	6,027,500	23	4,027,000	13	4,607,000	34	228,000	109	14,889,500
1913.....	40	5,335,500	32	10,105,000	23	7,827,500	39	133,500	134	23,401,500
1914.....	26	2,218,620	24	2,215,000	20	6,044,110	34	617,000	104	11,094,730
1915.....	23	4,835,000	31	5,956,468	19	1,741,000	41	421,250	114	12,953,718
1916.....	25	6,931,100	23	3,341,800	17	1,147,307	43	62,000	108	11,482,207
1917.....	44	3,463,500	70	6,755,200	21	5,632,500	95	102,400	230	21,953,600
1918.....	70	19,792,130	85	7,540,578	71	33,362,000	67	441,000	293	61,135,708
1919 ^b	42	10,240,000	26	2,960,000	20	8,696,104	30	79,000	118	21,975,104
1918 ^b	44	16,392,130	45	2,869,678	31	6,710,500	35	123,000	155	26,095,308
Total to June 30, 1919.....	405	98,815,650	448	79,129,946	266	81,452,181	523	4,778,894	c1,642	264,176,671

^a The first corporation was registered March 30, 1906. Differences in capital stock with those appearing in Statistical Bulletin No. 1, page 73, are due to changes in classification.

^b From January to June, only.

^c Eighteen corporations reported to have been dissolved are not included.

TABLE No. 59.—*Nature of business, number and capital stock of domestic corporations registered, 1909-1919.*

Nature of business.	1909		1910		1911		1912		1913	
	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.	Number.	Capital stock.
Agriculture.....	6	₹660,000	10	₹1,740,100	16	₹1,340,000	10	₹772,000	18	₹5,980,000
Aerated water.....					1	100,000			2	50,000
Bank insurance and guarantee companies.....			1	500,000			2	550,000	1	1,000,000
Box factories.....			1	150,000						
Building and loan associations.....			1	10,000,000			2	500,000	1	100,000
Cigar and cigarette factories.....			4	992,000			3	700,000	1	100,000
Commission and brokerage.....					2	275,000			7	900,000
Distilleries.....	1	150,000			1	100,000			2	6,080,000
Education (private schools).....	3		18		15		5		9	
Electric light and power.....	1	100,000	2	350,000	2	4,030,000	2	1,550,000	3	70,500
Engineering, construction and repair.....	1	1,600,000	2	300,000	3	450,000	3	2,160,000	7	423,000
Estate administration.....										
Film exchange.....			1	10,000					1	41,000
Fishing (fish).....	2	15,000	1	1,000	1	100,000			1	
Fishing (pearl).....					1	199,000			2	150,000
Gas factories.....			1	50,000						
General manufacturers.....			1	60,000						
General merchandises.....	6	1,863,000	8	2,710,000	17	7,071,800	21	3,137,500	19	1,799,500
Grocery and drug stores.....					3	800,000	1	30,000	1	200,000
Hemp stripping.....	2	1,050,000			1	100,000			1	150,000
Hotels and restaurants.....					2	325,000	2	300,000		
Ice factories and cold storage.....			3	240,000	1	21,000	1	21,000	1	40,000
Importers and exporters.....			1		3	560,000	1	250,000	2	700,000
Livestock.....			1	7,000						
Lumbering.....	1	100,000	1	50,000	1	10,000	3	579,000	5	645,000
Match factories.....									1	800,000
Mining.....	21	8,473,700			12	8,260,000	10	2,676,000	7	3,330,000
Photo studios.....			22	7,654,000						
Printing and publishing.....	1		1	25,000						
Publicity.....					4	105,100	4	176,000	3	92,000
Religious and charitable associations.....	4				4		7		1	2,500
Rice mills.....			5	5,560					2	
Shoe factories.....	2	560,000	1		1	12,000			1	12,000
Soap factories.....										
Social and recreation.....	12	315,000	15	319,300	12	692,500	22	228,000	1	10,000
Sugar refineries.....	1	150,000							26	131,000
Telephone and telegraph companies.....			1	100,000						
Transportation companies.....	9	1,316,000	2	760,000	9	5,400,000	9	1,210,000	6	400,000
Undertakers.....			1	40,000						
Warehouses.....	2	130,000	1	100,000			1	50,000	2	195,000
Total.....	74	16,482,700	110	26,209,960	111	29,930,400	109	14,889,500	134	23,401,500

TABLE No. 59.—*Nature of business, number and capital stock of domestic corporations registered, 1909-1919—Continued.*

Nature of business.	1914		1915		1916		1917		1918		1919*	
	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.
Agriculture.....	18	P715,000	18	P2,017,468	13	P498,300	57	P2,747,200	69	P3,980,478	20	P2,000,000
Aerated water.....			2	170,000							1	2,000
Bakeries.....												
Banks, insurance and guarantee com-panies.....			2	450,000	1	1,000,000	3	1,000,000	2	5,250,000		
Building and loan associations.....			2						1	700,000	1	5,000
Button factories.....					1	12,000			1	100,000		
Canneries.....												
Chemical and medicinal preparations.....	1	50,000							3	5,226,000		
Cigar and cigarette factories.....	1	240,000							1	1,000,000	1	10,000
Commission and brokerage.....	3	85,000	2	51,000					1	1,000,000		
Cotton spinners.....												
Dealers in automobiles.....												
Distilleries.....	1	1,500,000	3	80,000	4	185,000						
Education—private schools.....	13	10,000	22	303,000	25	38,000	68	10,000	33	21,000	1	22,000
Electric light and power.....	4	277,000	1	25,000	1	25,000	2	50,000	3	230,000	2	21,200
Embroidery establishments.....							1	49,000	1	20,000	1	1,000,000
Engineering, construction and re- pair establishments.....	3	1,375,000	4	825,000	2	175,000	2	165,000	8	2,390,000		
Estate administration (church).....					2				3			
Fertilizer factories.....					1	50,000	1	5,000			1	100,000
Fishing (food fish).....											1	40,000
General manufacturers.....	13	897,000	11	1,910,000	13	4,084,100	2	1,080,000	1	300,000	2	560,000
General merchants.....	1	150,000	2	150,000			23	3,583,500	42	9,674,130	27	6,489,000
Grocery and drug stores.....	1	800,000	2	130,000			1	15,000	4	186,000	2	60,000
Hats.....	1	500,000	1	100,000								
Hemp stripping.....	2	81,600	1	40,000			1	43,000	1	5,000		
Hotels and restaurants.....			1	150,000			1					
Ice factories and cold storage.....			1						1	150,000		
Importers and exporters.....					2	45,000						
Livestock.....			1	10,000	1	50,000			2	215,000	2	300,000
Lumbering.....	2	850,000	5	1,730,000					2	210,500	2	300,000
Machinery merchants.....							3	615,000	2	380,000	2	600,000
Mining.....	4	650,000	7	2,199,000	8	2,743,500			1	600,000	1	750,000
Musical instruments, dealers in.....							7	3,286,000	11	2,969,600	1	20,000
Oil factories.....			1	75,000			5	1,190,000	1	99,000	1	300,000
Paper factories.....	1	500,000							24	7,686,000		
Paper merchants.....											1	200,000
Publicity.....			1	1,000	1	15,000						

Printing and publishing	6	800, 110	4	100, 000	3	180, 000	3	80, 500	7	158, 000	1	25, 000
Religious and charitable associations	3		1		5		7	40, 000	2	770, 000	1	99, 904
Rice mills							1		5		1	
Sack and bag factories												
Saw mills												
Shoe factories	1	2, 000									1	15, 000
Shoe merchants												
Social and recreation	18	607, 000	14	115, 250	10	9, 000	20	92, 400	29	420, 000	1	250, 000
Sugar mills and refineries					4	480, 307	2	2, 500, 000	13	14, 117, 000	15	20, 000
Tailor shops					1	10, 000					5	6, 551, 000
Tanneries							1	400, 000				
Tobacco merchants									1	12, 000	1	25, 000
Transportation companies	7	1, 005, 020	5	2, 234, 000	8	1, 302, 000	14	4, 235, 000	12	1, 846, 000	4	2, 150, 000
Warehouses						1	500, 000	2	615, 000	1	100, 000	
Wood and lumber merchants									1	10, 000		
Total	104	11, 094, 730	114	12, 953, 718	108	11, 482, 207	230	21, 953, 600	293	61, 135, 708	118	21, 975, 104

^a From January to June 30, only.

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TABLE No. 60.—Number and capital of partnerships registered in the Philippine Islands during the years, 1900–1919.

Year.	Commerce.		Extractive industries. ^a		General manufactures.		Miscellaneous.		Total.	
	Number.	Capital.	Number.	Capital.	Number.	Capital.	Number.	Capital.	Number.	Capital.
1900.....	40	₱6,215,439	3	₱5,530,000	24	₱2,953,622	4	₱8,097,500	71	₱22,796,561
1901.....	40	6,300,600	5	645,000	10	1,142,528	1	33,750	71	8,121,878
1902.....	38	15,008,439	7	7,620,800	11	1,236,684	2	1,020,000	58	24,885,923
1903.....	37	4,627,917	12	4,775,810	10	619,908	2	17,526	61	10,041,161
1904.....	28	22,547,733	6	1,453,000	9	2,436,500	3	2,033,000	46	28,470,233
1905.....	32	5,579,871	7	33,090,000	20	4,080,300	2	2,010	61	42,752,181
1906.....	27	6,464,636	.....	.....	8	1,497,251	2	88,000	37	8,049,887
1907.....	29	2,920,301	.....	.....	4	189,500	1	2,000	35	3,111,801
1908.....	21	4,022,487	.....	.....	2	39,500	1	2,000	24	4,401,987
1909.....	71	5,081,198	.....	.....	3	55,790	.....	340,000	74	5,136,988
1910.....	20	506,285	3	241,000	3	55,790	.....	.....	74	5,136,988
1911.....	12	876,499	3	.....	8	1,074,886	2	10,000	33	1,892,171
1912.....	30	2,237,717	1	.....	8	604,384	1	20,000	22	1,500,883
1913.....	211	7,576,945	9	154,400	5	6,444,496	.....	.....	44	8,836,613
1914.....	158	7,969,861	16	410,931	22	652,500	3	10,235	252	8,650,611
1915.....	165	11,899,261	11	56,294	10	6,616,097	2	16,800	181	14,659,052
1916.....	145	6,321,183	3	263,000	24	599,909	1	5,000	193	12,767,170
1917.....	146	23,243,054	1	81,000	15	712,118	2	802	163	7,115,103
1918.....	153	8,735,643	2	40,000	18	1,105,803	1	40,000	167	24,438,857
1918 ^b.....	.....	.....	4	33,225	18	1,223,137	1	6,149	176	9,998,154
1919 ^b	c 115	3,481,376	2	950,144	17	1,123,006	.....	.....	134	5,559,520
1918 ^b	89	6,730,689	3	21,225	8	713,906	1	6,149	101	7,471,969
Total to June 30, 1919.....	1,518	151,616,445	93	55,344,604	246	34,412,913	31	11,742,772	1,888	253,116,734

^a Includes agriculture, mining, lumbering and cattle raising.^b From January 1 to June 30, only.^c One partnership reregistered; its term of existence extended.

TABLE No. 61.—*Capital stock and nationality of foreign corporations registered in the Philippine Islands, 1900-1919.*^a

Nationality.	Currency. ^c	Commerce.		Industries.			Miscellaneous.		Total.	
		Num-ber.	Capital stock.	Extractive. ^b		General manufactures.	Num-ber.	Capital stock.		
				Num-ber.	Capital stock.					
Australasia	Pounds	5	5,550,000	5	417,000	1	150,000		11	6,117,000
Austria	Florins	1	18,900,000						1	18,900,000
Belgium	Francs	2	2,600,000							5,600,000
Canada	Dollars	5	28,598,227					1	3,000,000	28,598,227
France	Francs	6	100,000,000			1	2,400,000			102,400,000
Germany	Marks	26	366,260,000							366,260,000
Great Britain	Pounds	d71	98,721,896	1	1,000	5	795,000		26	99,517,896
Hongkong	Dollars	23	29,139,103	1	166,646	1	75,000		78	29,880,749
India	Rupees	1	2,300,000						25	2,300,000
Italy	Liras	1	1,000,000			1	5,500,000		1	6,500,000
Japan	Yens	12	141,500,000						2	141,500,000
Java	Guilders	1	2,000,000						12	2,000,000
Netherlands	Guilders	8	29,750,000						1	29,750,000
Spain	Pesetas	e3	26,920,000	1	825,000	1	25,000,000		8	29,750,000
Straits Settlements	Dollars	3	2,780,000					2	43,723	52,788,723
Switzerland	Francs	7	68,000,000			1	290,000		7	68,290,000
United States	Dollars	59	130,279,900	15	10,575,000	24	143,381,200	7	8	284,236,100

^a These corporations have either opened branches in the Islands or have been organized in foreign countries with the intention of making the Islands their place of commercial activities. The amounts shown are the authorized capital stock in the countries wherein they are incorporated.

^b Includes agriculture and mining.

^c The following equivalents are taken from a General Order of the Treasury Department of the United States, dated October 1, 1918:

Pound.....	₱9.7330	Guilder.....	₱0.8040	Lira.....	₱0.3860
Dollar.....	2.0000	Florin.....	0.8040	Hongkong dollar.....	1.5600
Rupee.....	0.6488	Straits Settlements dollar.....	1.1358	Tael.....	2.1664
Franc.....	0.3860	Mark.....	0.4764	Yen.....	0.9970
		Peseta.....	0.3860		

^d One corporation acquired by a domestic corporation.

^e One of the corporations is the same as that in General manufactures with a capital of 25,000,000 pesetas.

^f One corporation cancelled. Total number of foreign corporations registered in the Philippine Islands is 304 up to and including June 30, 1919.

TABLE No. 62.—*Number of internal revenue licenses issued to wholesale and retail dealers, etc., 1909-1918.*

[Source: Bureau of Internal Revenue.]

Nature of business.	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918
Brewers.....	1	1	1	201	6	15	15	15	20	18
Chiropractors, manicurists, tattooers, etc.	415	201	701	1,472	2,028	191	75	100	93	117
Common carriers, etc.						3,163	18,095	9,954	9,594	9,907
Contractors, warehousemen, etc.						1,026	5,094	6,838	7,620	8,461
Customs and immigration brokers	37	24	31	23	20	21	25	30	29	34
Distillers.....	78	69	62	70	62	73	71	71	88	88
Lawyers, medical practitioners, etc.	1,975	1,944	2,097	1,558	1,717	1,430	1,308	1,338	1,521	1,660
Manufacturers of and wholesale dealers in motor sp- rits, mineral oils, etc.							145	7	5	
Manufacturers of cigars and cigarettes	268	124	105	106	81	83	77	77	173	133
Merchants and manufacturers	60,815	64,945	74,037	89,147	95,567	80,911	72,525	70,858	79,691	88,013
Midwives, circulanos ministrantes, etc.						277	509	358	429	342
Money lenders.....						184	259	208	163	180
Pawnbrokers.....	64	65	70	65	83	81	85	78	66	67
Pearl fishing.....								173	195	132
Peddlers of merchandise						19,498	34,528	37,506	41,904	46,902
Pharmacists, farriers and opticians						422	660	979	1,118	848
Photographers, lithographers, etc.	189	183	253	283	324	203	409	417	488	499
Printers and publishers.....						135	155	147	151	135
Procuradores judiciales, agentes de negocios						330	596	591	719	719
Real estate and merchandise brokers	174	179	179	184	358	299	380	412	352	224
Rectifiers.....	49	40	32	26	24	29	29	35	28	26
Registered dealers in prohibited drugs							1,445	1,032	1,170	1,215
Retail dealers in fermented liquors.....	1,262	1,315	1,375	1,261	1,236	1,242	1,576	1,776	2,362	3,238
Retail dealers in kupa, basti and tapuy				9,871	19,482	24,770	28,286	33,960	36,508	37,539
Retail dealers in leaf tobacco							7,174	8,883	11,055	12,706
Retail liquor dealers	1,270	1,370	1,272	900	921	861	828	873	916	770
Retail peddlers of alcoholic and tobacco products	1,055	774	782	662	1,338	1,959	750	794	1,332	1,751
Retail "vit-o" dealers	21,094	21,728	23,585	25,091	25,717	22,862	19,917	20,993	30,966	41,062
Signs, signboards, and billboards						430	915	719	904	963
Sponge fishing.....								1	43	272
Stockbrokers.....	73	145	218	207	220	103	98	107	110	108
Tobacco dealers	27,815	28,976	29,721	31,758	33,200	32,462	30,061	31,466	37,083	42,435
Tobacco manufacturers	155	80	67	43	68	58	67	86	81	74
Veterinarians.....	408	440	472	523	599	355	249	19	8	3
Wholesale dealers in fermented liquors	169	134	137	596	337	309	302	298	342	752
Wholesale liquor dealers	509	538	553	705	792	810	768	862	1,176	1,541
Wholesale peddlers of alcoholic and tobacco products	(b)	(b)	(b)	(b)	(b)	(b)	74	105	145	161
Miscellaneous.....	4,527	4,104	4,468	4,970	4,936	6,043	6,910	6,478	7,364	8,377
Total.....	122,337	127,379	140,224	169,722	189,116	200,500	234,461	238,444	276,008	311,483

a Data for January to June, 1919 are not yet available.

b See "Retail peddlers of alcoholic and tobacco products."

TABLE No. 63.—*Mileage of roads and bridges in existence during the years, 1908-1918.*

[Source: Bureau of Public Works.]

Year ended.	First-class road.	Second-class road.	Third-class road.	Total.	Expenditures.		
					Repair of old roads and bridges.	Construction of new roads and bridges.	Total.
June 30—	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>			
1908 -----	246.7	(a)	(a)	246.7	-----	-----	-----
1909 -----	332.7	(a)	(a)	332.7	-----	-----	-----
1910 -----	764.4	640.8	2,073.9	3,479.1			
1911 -----	986.4	664.2	1,837.2	3,487.8	P1, 119, 704	P4, 551, 733	P5, 671, 437
1912 -----	1,143.1	1,342.1	1,998.8	4,484.0	1,415, 151	4,546, 708	5,961, 859
1913 -----	1,303.2	1,264.0	1,937.5	4,504.7	1,579, 105	5,370, 491	6,949, 596
December 31—							
1913 ^b -----	1,388.0	1,258.0	1,950.3	4,596.3	839, 981	2,840, 454	3,680, 435
1914 -----	1,593.2	1,257.8	1,786.9	4,637.9	1,496, 738	5,652, 437	7,149, 175
1915 -----	1,906.2	1,293.8	1,896.2	5,096.2	1,655, 045	5,872, 057	7,527, 102
1916 -----	2,137.3	1,271.2	2,137.9	5,546.4	2,114, 534	5,920, 607	8,035, 141
1917 -----	2,323.1	1,277.9	2,108.7	5,709.7	2,704, 147	6,148, 213	8,852, 360
1918 -----	2,681.8	1,252.6	1,944.1	5,878.5	3,346, 261	11,421, 001	14,767, 262

^a No data available.^b July 1 to December 31.

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TABLE No. 64.—*Mileage of roads and bridges in existence in the Philippine Islands, by provinces, on December 31, 1918.*

[Source: Bureau of Public Works.]

Provinces and cities.	First class.	Second class.	Third class.	Total.
	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>	<i>Miles.</i>
Abra	15.8	9.6	-----	25.4
Agusan	7.8	4.7	13.5	26.0
Albay	95.3	20.3	50.0	165.6
Ambos Camarines	94.9	21.1	43.7	159.7
Antique	49.0	56.0	28.3	133.3
Bataan	17.0	11.9	2.5	31.4
Batangas	102.5	10.0	105.2	217.7
Bohol	84.8	45.9	39.5	170.2
Bukidnon	-----	71.6	10.4	82.0
Bulacan	59.7	73.7	59.2	192.6
Cagayan	27.0	69.5	11.5	108.0
Capiz	93.0	51.6	27.7	172.3
Cavite	49.2	13.3	62.7	125.2
Cebu	161.1	158.6	65.6	385.3
Cotabato	6.7	1.2	27.9	35.8
Davao	3.6	4.0	-----	7.6
Ilocos Norte	48.6	67.6	.9	117.1
Ilocos Sur	89.3	15.9	4.8	110.0
Iloilo	145.4	20.5	106.1	272.0
Isabela	43.8	18.3	77.9	140.0
Laguna	86.6	13.3	33.9	133.8
Lanao	9.0	20.5	21.6	51.1
La Union	44.8	17.9	9.4	72.1
Leyte	73.1	33.6	43.6	150.3
Mindoro	7.7	23.7	3.9	35.3
Misamis	48.3	50.8	51.1	150.2
Mountain	49.5	20.4	145.4	215.3
Nueva Ecija	80.2	15.9	150.3	246.4
Nueva Vizcaya	18.0	3.8	57.4	79.2
Occidental Negros	146.0	14.0	156.7	316.7
Oriental Negros	59.5	23.9	48.8	132.2
Pampanga	108.1	32.9	59.5	200.5
Pangasinan	168.8	56.4	164.7	389.9
Rizal	86.3	16.4	9.5	112.2
Samar	59.1	25.6	55.7	140.4
Sorsogon	61.4	43.7	17.5	122.6
Sulu	17.3	13.1	15.4	45.8
Surigao	16.5	-----	19.4	35.9
Tarlac	45.6	8.9	48.0	102.5
Tayabas	98.0	21.6	40.9	160.5
Zambales	9.3	41.2	24.2	74.7
Zamboanga	33.4	9.3	25.4	68.1
Baguio, City of	20.5	.4	4.4	25.3
Manila, City of ^a	140.3	-----	-----	140.3
Total	2,681.8	1,252.6	1,944.1	5,878.5

^a Data furnished by the City Engineer. It is divided into the following classes, areas in square meters:

	Square meters.
Asphaltic surfaced street	182,142.26
Asphaltic concrete	157.60
Concrete	9,814.40
Macadam and escombros	1,675,657.32
Stone block	28,323.08
Wooden block	13,269.58
Total area	1,909,364.24

NOTE.—No data available for the provinces of Batanes, Palawan and Romblon.

TABLE No. 65.—*Railroad transportation in the Philippine Islands, 1910-1918.*

Year.	Luzon lines. ^a							
	Kilometerage of railway lines. (All tracks) ^b	Cars.		Total.	Passengers.		Freight.	Total passenger and freight revenues.
		Passen-ger.	Freight.		Number.	Revenue.	Tons.	
1910.....	<i>Kilometers.</i> c 110.89	183	884	1,067	c 1,073,014	c ₱150,625	c 49,085	c ₱191,415
1911.....	647.69	215	1,006	1,221	4,947,043	2,205,999	631,975	3,347,644
1912.....	811.60	228	1,386	1,564	5,711,525	2,822,740	819,477	4,081,287
1913.....	893.60	233	1,418	1,651	6,388,537	3,157,790	1,101,033	4,878,767
1914.....	c 442.52	248	1,452	1,700	c 2,145,648	2,935,421	c 258,832	4,627,779
1915.....	1,097.88	246	1,568	1,814	4,388,992	2,604,264	664,438	4,139,129
1916.....	1,174.19	248	1,560	1,808	4,248,311	2,669,368	818,520	4,617,182
1917.....	1,186.88	242	1,609	1,851	5,711,504	3,605,149	1,059,880	6,430,746
1918.....	1,013.71	214	1,650	1,864	6,851,705	4,696,758	1,132,757	8,341,261
Cebu and Panay lines. ^c								
1910.....	95.60	(d) 47	(d) 199	(d) 246	937,791	₱349,388	53,638	₱452,888
1911.....	153.80	50	199	249	1,144,264	434,472	68,809	584,786
1912.....	212.00	50	199	249	1,085,200	421,343	63,880	604,725
1913.....	212.00	50	198	248	1,059,697	409,512	83,038	590,396
1914.....	212.00	49	199	248	1,188,461	441,424	98,708	667,224
1915.....	212.00	49	199	248	1,203,325	438,031	82,328	670,387
1916.....	212.00	49	199	248	1,321,795	466,083	86,895	697,107
1917.....	212.00	49	199	248	1,385,639	516,230	85,341	767,008
1918.....	212.00	49	199	248	1,551,301	604,947	96,614	896,675

^a Data furnished by the Manila Railroad Company.^b Railway line operated in Cebu and Panay represents main line only.^c No data available for Northern Luzon line.^d No data available.^e Data from the Annual Reports of the Philippine Railway Company submitted to the Public Utility Commissioner.

TABLE No. 65.—*Railroad transportation in the Philippine Islands, 1910-1918—Continued.*

Year.	Kilometerage of railway lines. (All tracks) ^b	Cars.		Passengers.		Freight.		Total. passenger and freight revenues.	
		Passen- ger.	Freight.	Total.	Number.	Revenue.	Tons.		Revenue.
	<i>Kilometers.</i>								
1910.	^a 206.49	183	884	1,067	^a 2,010,805	^a ₱500,013	^a 102,783	^a ₱144,290	^a ₱644,303
1911.	801.49	262	1,205	1,467	6,091,307	2,640,471	700,784	1,291,959	3,932,430
1912.	1,023.60	278	1,535	1,813	6,796,725	3,244,083	883,357	1,441,929	4,686,012
1913.	1,095.60	283	1,616	1,899	7,443,234	3,567,302	1,184,071	1,901,861	5,469,163
1914.	^a 654.52	297	1,651	1,948	^a 3,334,109	3,376,845	^a 357,540	1,918,158	5,295,016
1915.	1,309.88	295	1,767	2,062	5,592,317	3,042,295	746,766	1,767,221	4,809,516
1916.	1,386.19	297	1,759	2,056	5,570,106	3,135,401	905,415	2,178,888	5,314,289
1917.	1,398.88	291	1,808	2,099	7,103,143	4,121,379	1,145,171	3,076,375	7,197,754
1918.	1,225.71	263	1,849	2,112	8,403,006	5,301,705	1,229,371	3,938,231	9,239,936

^a No data available for Northern Luzon line.

TABLE NO. 66.—*Number and capacity of automobiles registered in the Philippine Islands, by provinces, from 1912 to 1919.*

[Source: Bureau of Public Works.]

Provinces and cities.	1912-1915		1916		1917		1918		1919 ^a	
	Num-ber.	Pas-senger capac-ity. ^b	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.
Abra									6	35
Agusan									4	27
Albay	65		80	995	59	285	120	563	120	565
Ambos Camarines	24		34	257	16	71	57	292	68	364
Antique					3	15	5	24	10	51
Bataan	2		1	5	5	25	4	16	7	36
Batanes										
Batangas	27		42	269	31	153	73	413	56	292
Bohol	7		22	122	8	36	72	455	57	361
Bukidnon									2	13
Bulacan	76		86	580	66	425	53	309	114	661
Cagayan	2		5	73	2	10	20	132	24	157
Capiz	15		27	168	16	80	63	391	53	327
Cavite	17		14	68	18	95	54	292	55	318
Cebu	81		121	796	101	469	192	1,076	205	1,161
Cotabato									1	2
Davao			5	22	8	37	43	219	47	258
Ilocos Norte	11		27	174	10	47	33	195	51	332
Ilocos Sur	42		59	503	36	191	90	633	96	721
Iloilo	143		155	803	164	744	246	1,304	256	1,366
Isabela							1	10	4	24
Laguna	43		43	299	37	178	83	434	89	467
Lanao			5	25			6	30	5	25
La Union	18		18	119	1	5	23	140	38	237
Leyte	18		36	640	8	39	69	376	47	265
Mindanao and Sulu ^c	52									
Mindoro									3	12
Misamis	4		9	48	21	105	71	450	71	425
Mountain	4		1	5	17	73	8	40	5	22
Nueva Ecija	18		24	130	21	106	54	295	79	445
Nueva Vizcaya										
Occidental Negros	176		237	1,367	128	608	261	1,472	259	1,455
Oriental Negros	10		17	119	14	74	32	186	25	157
Palawan										
Pampanga	45		73	399	68	348	102	542	109	568
Pangasinan	40		36	198	51	253	80	405	122	616
Rizal	140		148	795	100	518	164	876	201	1,053
Romblon										
Samar	11		10	70	4	22	18	112	10	59
Sorsogon	16		27	240	3	19	48	299	40	266
Sulu			11	59	3	17	17	86	18	93
Surigao							1	2	2	9
Tarlac	8		7	37	6	30	20	113	27	138
Tayabas	82		57	387	38	208	68	413	75	447
Zambales			1	6			7	34	15	76
Zamboanga	3		43	284	12	57	45	222	39	196
Baguio, City of	21		38	249			35	169	37	173
Manila, City of	1,700	7,537	1,692	9,097	2,312	11,400	2,617	13,138	3,060	15,140
Total	2,921	7,537	3,211	19,408	3,387	16,743	4,965	26,158	5,612	29,415

^a From December, 1918 to June 30, 1919.^b No data available except for the city of Manila.^c See Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga for data after 1915.

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TABLE NO. 67.—*Number and capacity of automobiles registered in the Philippine Islands, by makes, 1912-1919.*

[Source: Bureau of Public Works.]

Makes.	1912-1915		1916		1917		1918		1919 ^a	
	Num-ber.	Pas-senger capac-ity, ^b	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.
Abbott-Detroit	3		4	17	6	10	5	25	3	17
Alco			4	76	8	16	1	2	10	87
American	11		7	19	11	36	9	42	12	36
Arbenz	3									
Argo			1	5	2	6	7	26	4	16
Argyle	1		2	10	2	10	2	10	2	10
Austin	3		3	20	3	16	4	22	3	19
Berliet	7		4	41	3	14	8	36	1	7
Brazier	114		86	544	66	345	69	393	56	302
Briscoe	8		8	42	11	54	14	74	20	101
Brush	18		10	28	10	18	21	108	5	15
Buick	247		255	1,377	337	1,729	589	3,131	726	3,864
C. Club					2	8			4	17
Cadillac	65		61	398	56	335	71	462	68	421
Chalmers	95		60	383	33	178	32	187	14	84
Chandlers	1		5	26	21	89	35	219	53	342
Chevrolet	4		14	70	12	60	24	126	31	158
Christle Tractor					1	2			5	10
Clear							3	17		
Clement Bayard	9		8	36	10	49	7	32	4	25
Cole	2						1	7	2	4
Commercial Truck			1	8	5	10				
Couple Gear					2	4	2	4	3	6
Delahaye	29		27	344	18	108	23	135	22	115
Delage	7		2	10			1	2		
De Dion Bouton	6		7	95	11	22	3	14	6	12
Denby			2	37			3	9	1	2
Dodge	95		288	1,555	443	2,301	809	4,323	957	5,042
E. M. F.	38		17	92	13	66	9	54	6	28
Elcar			2	10	3	17			2	10
Empire	6		8	49	4	5	9	52	5	31
Enger					3	15	3	15	2	11
Everett	33		26	153	15	86	6	32	10	53
Federal	1		4	94	4	8	4	8	3	6
Flanders	13		5	19	7	26	3	13	3	13
Ford	318		369	1,799	445	2,269	775	3,824	914	4,430
Franklin	4		2	10	3	15	4	19	5	24
G. M. C.					1	3	1	3	14	45
G. Vehicle					31	62	9	19	40	80
Garford			3	66						
George Richard	4		2	9						
Gramm	7		10	243					1	4
Grant					1	5	1	5	3	12
Haverly					4	8				
Haynes	2		1	4	1	7	1	7	2	13
Hewitt			1	18	5	10	6	12	6	
Hispano-Suiza	5		2	18			1	7		
Hotchkiss	4		3	21	3	21	3	19	3	16
Hudson	130		158	1,122	153	949	239	1,499	281	1,790
Humber	17		7	47	5	29	2	9		
Hupmobile	527		579	3,170	411	2,039	544	2,966	582	3,152
H. Davidson			2	7			2	6	3	11
Inter-State	8		2	21	1	8	4	25	2	12
Jackson	8		5	29	7	42	2	12	3	15
Jeffery	2		8	121	5	5	9	46	10	52
King	12		14	76	10	44	11	55	10	60
Knox Martine	3									
Lambert	3		1	2						
Lexington					2	10	2	10	4	23
Little	3		5	10	5	11	5	14	6	12
Luton	3									
Marion	8		7	53	3	15	6	38	7	41
Maxwell	48		85	367	132	640	204	1,009	223	1,105
McIntyre	3									
Metallurgique	1		2	9	2	9	1	4	1	4
Metz	8		13	31	14	32	9	19	9	24
Mercer							2	12	2	12
Minerva	7		7	45	8	35	5	30	6	36
Mitchell	59		26	142	16	74	15	86	9	44
Moline	3		1	5	1	5			1	16
Moon	1		1	7	1	7	2	11	5	18
Carried forward	2,017		2,237	13,010	2,392	11,997	3,642	19,346	4,195	21,891

TABLE NO. 67.—*Number and capacity of automobiles registered in the Philippine Islands, by makes, 1912-1919—Continued.*

Makes.	1912-1915		1916		1917		1918		1919 ^a	
	Num-ber.	Pas-senger capac-ity. ^b	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.
Brought forward	2,017	-----	2,237	13,010	2,392	11,997	3,642	19,346	4,195	21,891
Monroe	-----	-----	-----	-----	1	2	2	7	2	7
Nelson	-----	-----	-----	-----	1	4	4	15	5	17
Oakland	22	-----	22	140	38	184	66	365	97	522
Oldsmobile	3	-----	2	22	3	20	4	25	14	92
Opel	5	-----	6	42	3	19	2	12	3	19
Overland	308	-----	375	2,136	334	1,721	496	2,781	467	2,635
Packard	5	-----	3	48	3	19	6	43	8	48
Paige	14	-----	11	69	22	116	44	248	48	258
Panhard	21	-----	27	178	16	95	17	102	18	104
Pathfinder	4	-----	2	7	3	9	3	9	5	22
Partin Palmer	-----	-----	3	16	4	5	8	38	8	38
Peerless	7	-----	5	65	7	38	16	74	17	85
Peugeot	6	-----	8	28	8	22	6	14	4	10
Pope Hartford	3	-----	1	5	-----	-----	1	2	-----	-----
Pullman	4	-----	12	73	10	56	13	77	10	60
R. C. H.	43	-----	35	152	38	174	33	147	26	105
Rambler	8	-----	7	33	6	31	3	15	2	10
Regal	7	-----	6	30	3	10	3	10	4	20
Renault	75	-----	84	509	67	380	64	373	67	391
Reo	72	-----	53	312	50	272	51	295	48	287
Roamer	-----	-----	-----	-----	2	11	2	11	2	12
Saxon	16	-----	27	63	53	121	56	192	52	179
Scout	-----	-----	1	2	-----	-----	2	4	1	2
Scripps-Booth	3	-----	5	13	34	68	41	110	51	179
Smith	-----	-----	-----	-----	-----	-----	13	28	8	16
Stanley	17	-----	4	19	3	14	3	17	1	5
Stoddard Dayton	1	-----	1	7	1	7	1	7	-----	-----
Stearns	2	-----	6	32	1	5	1	5	2	10
Stearns Knight	-----	-----	-----	-----	-----	-----	2	12	2	12
Studebaker	112	-----	137	881	130	755	149	916	172	1,047
Sunbeam	3	-----	2	7	4	6	2	9	2	7
Tourist	1	-----	1	5	-----	-----	-----	-----	3	15
Trumbull	10	-----	14	36	12	25	14	31	12	26
Warren	2	-----	1	8	2	10	1	5	2	12
Waverly	8	-----	6	13	-----	-----	6	13	9	24
White	51	-----	72	1,225	76	217	89	261	99	344
Willys-Knight	1	-----	1	5	27	180	60	405	100	663
Winton	5	-----	1	7	-----	-----	1	7	-----	-----
Wolseley	4	-----	-----	-----	-----	-----	2	12	2	12
Worseley	-----	-----	2	13	3	16	-----	-----	-----	-----
All others	61	-----	31	197	30	134	26	115	44	193
Total	2,921	7,537	3,211	19,408	3,387	16,743	4,955	26,158	5,612	29,415

^a From December, 1918 to June 30, 1919.^b No data available except for the city of Manila, see Table No. 66.

Pampanga.....	1	1	2	1	7	120	2	6	70	6	4	28	1
Pangasinan.....	1	1	9	1	7	120	9	23	570	3	34	548	5
Rizal.....	4	14	14	6	43	43	10	10	15	27	13	28	13
Romblon.....								1		2	1		1
Samar.....								1	15		4	37	1
Sorsogon.....	5	103	3	15			62	10	195	5	22	405	7
Sulu.....	3	88		4			19	5	130		10	222	
Surigao.....													
Tarlac.....								1	15				
Tayabas.....	1		9					3		9	4	27	3
Zambales.....													
Zamboanga.....	1		6	3	20	11		23	465	18	27	435	10
Baguio, city of.....	16	64	55	3	70	4					4	19	5
Manila, city of.....	198	156	527	164	112	602		287	540	949	454	868	578
Total.....	343	1,370	972	354	1,936	1,144		657	7,450	1,328	973	7,634	879

^a From December, 1918 to June 30, 1919. The figures are preliminary only, and subject to alteration in a later issue.

^b No available data.

^c See Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga for data after 1915.

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TABLE No. 69.—*Number and capacity of trucks and public utility automobiles registered in the Philippine Islands, by makes, from 1912 to 1919.*

[Source: Bureau of Public Works.]

Makes.	1912-1915			1916			1917			1918			1919 ^a		
	Number.	Capacity. ^b		Number.	Capacity.		Number.	Capacity.		Number.	Capacity.		Number.	Capacity.	
		Passen-ger.	Ton-nage.		Passen-ger.	Ton-nage.		Passen-ger.	Ton-nage.		Passen-ger.	Ton-nage.		Passen-ger.	Ton-nage.
Alco.....	16			5	26	22	5		21	5	30	21	6		17
Arbenz.....	3			4		16	5		13	5		19	4		9
Auburn.....										1	15			12	
Auto Car.....										5		16	9		11
Argyle.....	4			1			1			1		5	2		4
Avery.....	7			3	30	5	5	16	18	4	15	13	2		3
Berliet.....	9			5		23	2		7	8	30	37	10		18
Brazil.....	7			1		6	5		15	6	75	10	8		4
Buick.....	6			3	10	4	6	82	4	23	335	6	30		11
Cadillac.....							2		5	9	125	3	9		3
Chalmers.....	1			1	11		1		3	8	120	4	17		7
Chandlers.....										1	15		1		
Chase.....	4						3		6	2			1		1
Chevrolet.....										1			1		
Clement Bayard.....	1						1		3	1			1		
Commercial Truck Co.....	6			2									4		4
Couple Gear.....	2			2		2									
Cortecan.....	1														
Clydesdale.....	18			13		35				3		12			20
De Dion Bouton.....	41			23	109	117	32	40	165	4	30	7	17		82
Delahaye.....	1			2		5	11	50	36	38	245	159	35		58
Denby.....	1									87	400	95	60		73
Dodge.....										12	120	20	20		82
E. M. F.....	1			1		1	1		1				4		8
Empress.....	2			1		5	2		10	1		5	1		3
Everett.....											15				1
Federal.....	11			15	81	47	11	60	39	15	190	37	17		15
Ford.....	13			29		37	41	200	65	133	330	185	226		206
G. M. C.....	17			6	38	20	16	116	57	50	465	148	51		123
General Motor Co.....															
General Vehicle.....	46			39		55	8		57	9		39	9		9
Garford.....	2			1	16	44	5		16	6	110				26
Garratt.....	55			22	106	56	20	110	82	26	230	90	24		54
Grann.....	3									3	30	10	2		44
Gradowsky.....															
Hispano-Suiza.....	9			8		30	1		5	1		5	1		2
							2		4						1

Hudson	2	1	2	2	4	5	15	11	14	70	12
Humbler							15	3			
Humber	1	1	2	13	23	18	95	27	28	148	2
Hupmobile	8	7	14						1	22	14
Interstate									2		
Jackson	2	1	1				15	8	11	35	4
Jeffery	8	7	55	19	36	11	95	24	1		13
Kelton		1	10		3	1		3	1		1
King								3	2		1
Knox		2		8				18	1		1
Lacre		1		5	4	2		16	4		5
Landesden	10	5		12	5	4		11	1		5
Latill		1		4				4			
Lath Inergens	2				4			3			
L. Stewart							15		1	15	
Luton	1						30				
Martin	1							3			
Marion							15		1	15	
Maxwell							60	21	35	102	21
Mitchell	2	4		15	14	6		22	7		12
Moline							15				
Morse								4	1		1
Oakland								4	1	9	
Oakland							15	4			
Oldsmobile											
Opel	3	4		15	22		30	16	4		8
Overland	3	3		5	9	15	125	18	22	178	9
Packard	1	1	26		68	5	180	5	11	209	11
Peerless	7	10	141	35	12	5	205		4	135	1
Rambler							15		1	14	
Regal									1	10	
Renault	1	1		1	4	2		4			1
Reo	5	2	36	1	6	4	45	1	8	81	3
Republic	1	1	32						1	22	
S. M. G.					7						
Saurer	6	5		31	26	3		23	4		13
Siddeley								4	1		1
Studebaker									12	144	2
Talbot							120				
Trailer	6	11		58	69	2	15	7	26		75
Willy's Utility		1		3	30	2	80		1		1
White	81	73	643	199	63	107	2,810	101	171	3,507	94
All others	21	3		4		2		7	5		5
Total	456	343	1,370	972	354	1,936	7,450	1,328	973	7,634	879

^a From December, 1918 to June 30, 1919. The figures are preliminary only, and subject to alteration in a later issue.

^b No available data.

TABLE NO. 70.—*Number and capacity of motorcycles registered in the Philippine Islands, by provinces, from 1912 to 1919.*

[Source: Bureau of Public Works.]

Provinces and cities.	1912-1915		1916		1917		1918		1919 ^a	
	Num-ber.	Pas-sen-ger capac-ity. ^c	Num-ber.	Pas-sen-ger capac-ity.	Num-ber.	Pas-sen-ger capac-ity. ^c	Num-ber.	Pas-sen-ger capac-ity.	Num-ber.	Pas-sen-ger capac-ity.
Abra							35	39	1	1
Agusan							1	1		
Albay	32		27	32	33		39	43	22	25
Ambos Camarines	24		25	31	29		44	47	32	35
Antique	7		5	5	6		4	5	6	7
Bataan	7		2	2	4		4	5	4	5
Batanes										
Batangas	27		20	24	16		16	21	15	21
Bohol	8		6	6	5		8	10	12	14
Bukidnon							1	1		
Bulacan	37		33	52	45		37	60	32	46
Cagayan	2		4	5	5		3	5	8	13
Capiz	14		17	20	23		22	30	17	24
Cavite	30		23	34	34		4	5	26	34
Cebu	45		44	48	60		63	74	57	69
Cotabato							2	2	2	2
Davao					1		1	3	2	4
Ilocos Norte	15		13	16			9	12	9	10
Ilocos Sur	14		13	13	20		16	22	15	20
Iloilo	36		40	46	53		49	62	41	54
Isabela			4	5	5		23	56	5	6
Laguna	16		19	24	20		4	5	18	24
Lanao			1	1	3		4	7	3	5
La Union	6		4	5	9		8	13	8	14
Leyte	23		11	14			19	21	19	23
Mindanao and Sulu ^b	26									
Mindoro			2	4	1				1	3
Misamis	7		9	10	10		17	26	16	23
Mountain	2						4	6		
Nueva Ecija	8		8	14	11		18	26	14	23
Nueva Vizcaya	2		1	1	2					
Occidental Negros	44		35	42	38		45	59	27	36
Oriental Negros	14		17	28	25		23	37	14	24
Palawan									1	2
Pampanga	33		20	27	28		31	42	20	30
Pangasinan	41		30	43	35		28	34	20	21
Rizal	66		33	50	40		42	59	25	32
Romblon										
Samar	8		9	11	11		9	9	9	9
Sorsogon	5		6	8	10		11	15	8	12
Sulu			1	2					3	3
Surigao			2	3			3	4		
Tarlac	6		6	7	9		10	11	6	7
Tayabas	6		4	5	11		14	15	11	13
Zambales	2		4	4	8				4	7
Zamboanga	2		15	19	19		15	24	16	23
Baguio, city of	7		8	9	9		2	3	9	14
Manila, city of	405		316	466	391		418	564	390	563
Total	1,027		837	1,136	1,029		1,106	1,483	948	1,301

^a From December, 1918 to June 30, 1919. The figures are preliminary only, and subject to alteration in a later issue.^b See Agusan, Bukidnon, Cotabato, Davao, Lanao, Sulu and Zamboanga for data after 1915.^c No available data.

TABLE NO. 71.—*Number and capacity of motorcycles registered in the Philippine Islands, by makes, from 1912-1919.*

[Source: Bureau of Public Works.]

Makes.	1912-1915		1916		1917		1918		1919 ^a	
	Num-ber.	Pas-senger capac-ity. ^b	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity. ^b	Num-ber.	Pas-senger capac-ity.	Num-ber.	Pas-senger capac-ity.
Alcyon	1				2		1	1		
Autoped										
Beckarlum									1	1
Belgian	3				1		2	2		2
B. G. A.	1						2	4		
Cleveland					2		3	3	9	10
Condon	3				1					
Cyclometer			3	3	9		9	11	6	6
Cyclone					1				2	6
Dayton	1		5	5	11		40	42	35	36
Davis							1	1		
De Luxe	1									
Dufaux	1									
Emblem	2									
Enfield Cycle			1	1						
Excelsior	57		63	86	79		68	83	72	94
F. N.	90		24	30	31		23	27	11	12
Flanders	2		1	1						
Freak			1	1						
German	1									
G. Vehicle									1	2
Griffon	1									
H. Davidson	119		141	236	219		310	539	282	486
Henderson	5		9	15	21		27	32	21	32
Herstol	1									
Hudson	6									
Humber	9		1	1	1					
Indian	574		456	601	499		480	580	391	488
Interstate	3									
I. Johnson	3		3	4	4		3	3	3	3
Ingersoll									1	1
M. & M.	8									
Motorette	3				2		2	4	1	2
Merkel	8		6	11	4		4	5	5	7
Miami	3		3	3	3		4	4	1	1
Minneapolis	6				1		1	1	1	2
Neckers Ulmet			1	1						
N. F.	1									
Newal			1	1	1		1	1	1	1
N. S. U.	6		5	8	4		4	6	3	4
Norton							2	4		
Pierce-Arrow	4									
Pierce	8		1	2	1					
Peugeot	3				1					
Pope	27		27	33	14		16	17	12	13
Reading Standard	4		1	1	1		5	9	1	1
Shaw	2		2	2	2		2	2	3	3
Smith	4		69	77	99		86	92	4	4
Smith Motor	35								73	75
Singer	8		4	4	2		3	3	1	1
Sterling B	1									
Thor	6		6	6	9		5	5	4	5
Torpedo	1									
Wall Auto Wheel	1									
Woods-Mobilette	1									
Yale	3		3	3	4		2	2	1	1
S. M. C.									1	2
Total	1,027		837	1,136	1,029		1,106	1,483	948	1,301

^a From December, 1918 to June 30, 1919. The figures are preliminary only, and subject to alteration in a later issue.^b Data not available.

TABLE NO. 72.—*Number and registered tonnage of foreign vessels, engaged in the coastwise trade, entered and cleared from ports of entry and their nationality, during the years ended December 31, 1915–1918.*

[Source: Bureau of Customs.]

Ports.	1915				1916			
	Entered.		Cleared.		Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
Manila.....	104	192,255	98	195,095	101	200,746	101	197,730
Iloilo.....	81	132,894	73	120,237	89	146,533	77	121,226
Cebu.....	85	152,929	31	17,268	75	125,650	25	11,594
Jolo.....	31	17,219	104	203,221	25	11,604	87	158,854
Zamboanga.....	58	85,959	55	74,116	54	91,940	50	81,588
Balabac.....								
Total.....	359	581,256	361	609,937	344	576,473	340	570,992
Nationality.	Classified according to nationality of registration.							
American (United States registry).....	2	6,708	1	4,034	4	10,359	3	7,195
American (Philippine registry).....	4	6,438	3	5,260	9	9,113	10	12,276
British.....	291	409,115	292	419,633	273	391,813	269	382,106
Japanese.....	44	114,187	47	135,152	46	138,510	46	141,740
Norwegian.....	2	5,800	3	7,151	2	4,546	2	5,844
Spanish.....	13	33,647	13	33,647	5	13,255	5	12,955
Danish.....								
Dutch.....	3	5,361	2	5,060	4	7,554	4	7,553
Chinese.....					1	1,323	1	1,323
Portuguese.....								
Russian.....								
Total.....	359	581,256	361	609,937	344	576,473	340	570,992
Ports.	1917				1918			
	Entered.		Cleared.		Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
Manila.....	57	100,097	74	160,499	62	147,324	28	70,941
Iloilo.....	49	81,716	47	62,625	14	36,175	13	34,436
Cebu.....	43	70,479	26	11,742	16	18,053	18	7,852
Jolo.....	25	11,605	36	54,369	15	6,001	34	47,725
Zamboanga.....	40	65,504	39	65,760	25	39,211	23	29,227
Balabac.....								
Total.....	214	329,401	222	354,995	132	246,764	116	190,181
Nationality.	Classified according to nationality of registration.							
American (United States registry).....	9	23,857	16	39,734	20	48,374	37	68,847
American (Philippine registry).....	21	28,642	15	20,483	45	73,962	22	21,155
British.....	139	147,317	138	146,728	29	24,985	27	20,471
Japanese.....	33	105,178	38	121,792	23	71,928	21	63,547
Norwegian.....	8	16,902	9	17,751	1	3,523		
Spanish.....	1	2,763	1	2,763				
Danish.....	1	3,301	1	3,301	6	17,312	4	11,524
Dutch.....	2	1,441	4	2,443	1	501		
Chinese.....					5	3,855	3	2,313
Portuguese.....					1	1,145	1	1,145
Russian.....					1	1,179	1	1,179
Total.....	214	329,401	222	354,995	132	246,764	116	190,181

TABLE No. 73.—*Number and registered tonnage of vessels engaged in foreign shipping, 1906-1919.*

[Source: Bureau of Customs.]

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Year ended—	Manila.				Iloilo.				Cebu.			
	Entered.		Cleared.		Entered.		Cleared.		Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
June 30—												
1906.....	532	1,056,440	548	1,088,555	80	89,643	84	92,020	93	180,429	89	177,262
1907.....	517	1,076,929	485	996,776	82	49,590	77	104,816	80	130,745	57	130,337
1908.....	591	1,215,615	562	1,176,147	50	95,739	71	97,240	89	131,728	64	124,404
1909.....	552	1,155,414	529	1,102,824	43	75,236	76	109,125	76	121,013	61	133,291
1910.....	589	1,345,419	611	1,378,946	77	138,374	69	90,614	118	168,562	118	197,811
December 31—												
1911.....	595	1,391,877	618	1,414,261	82	155,318	44	81,382	156	245,952	125	244,293
1912.....	653	1,545,603	681	1,642,008	66	143,652	25	47,696	88	130,765	95	180,642
1913.....	673	1,721,079	668	1,791,203	37	97,383	24	54,701	36	76,263	36	82,706
1914.....	636	1,675,943	631	1,721,931	51	124,740	34	71,402	31	59,086	35	90,582
1915.....	547	1,414,020	560	1,477,118	62	134,597	42	71,283	33	57,504	40	84,380
1916.....	556	1,294,268	578	1,337,900	61	136,553	61	123,421	42	62,668	30	56,795
1917.....	507	1,284,955	507	1,258,757	22	20,542	37	48,704	70	82,692	58	89,680
1918.....	478	1,232,870	477	1,302,436	22	27,959	56	69,041	81	89,320	65	114,687
• 1919 a.....	291	667,253	289	650,767	24	33,599	17	24,921	26	27,771	14	24,407
• 1918 a.....	222	612,552	226	622,354	14	22,100	23	24,206	35	43,740	29	54,849

a From January 1 to June 30, only.

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TABLE No. 73.—Number and registered tonnage of vessels engaged in foreign shipping, 1906-1919—Continued.

Year ended—	Zamboanga.				All others.				Total.			
	Entered.		Cleared.		Entered.		Cleared.		Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
June 30—												
1906.	64	70,791	65	70,741	142	26,752	157	26,477	911	1,424,055	943	1,455,055
1907.	55	54,410	47	51,041	234	9,894	365	10,296	918	1,321,568	1,031	1,293,266
1908.	42	47,045	40	46,088	261	21,775	273	20,569	1,033	1,511,902	1,010	1,464,448
1909.	42	45,440	32	33,215	51	13,457	52	13,878	764	1,410,560	750	1,392,333
1910.	42	41,444	37	35,300	36	9,885	37	12,597	862	1,703,684	872	1,715,268
December 31—												
1911.	37	40,077	30	31,429	36	16,251	37	16,285	906	1,849,475	854	1,787,650
1912.	25	28,107	26	29,082	45	22,203	40	19,959	877	1,870,330	867	1,919,387
1913.	17	24,199	15	22,463	48	26,524	51	26,694	811	1,945,448	794	1,977,767
1914.	19	28,228	16	20,370	35	24,759	31	26,964	772	1,912,756	747	1,931,249
1915.	32	57,899	32	69,109	40	16,672	40	16,223	714	1,680,692	714	1,718,113
1916.	20	54,126	23	64,267	26	11,731	26	11,741	705	1,559,346	718	1,594,124
1917.	24	56,080	21	55,783	27	11,894	25	11,605	652	1,456,163	648	1,464,529
1918.	44	52,672	35	48,332	27	10,050	26	10,152	652	1,412,871	659	1,544,648
1919 ^a	25	29,123	15	24,763	15	8,169	14	8,163	381	775,915	349	733,021
1918 ^a	17	26,566	14	25,538	9	3,400	10	3,173	297	708,358	302	730,120

^a From January 1 to June 30, only.

TABLE No. 74.—*Number and registered tonnage of vessels engaged in domestic shipping, 1906–1919.*

[Source: Bureau of Customs.]

Year ended—	Manila.				Iloilo.				Cebu.			
	Entered.		Cleared.		Entered.		Cleared.		Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
June 30—												
1906.....	1,916	385,371	1,913	380,853	3,774	189,505	3,797	190,530	1,602	145,926	1,619	152,294
1907.....	2,202	453,703	2,261	461,390	3,642	202,550	3,664	200,485	1,894	158,958	1,896	158,581
1908.....	2,360	465,949	2,360	466,935	3,731	201,424	3,714	203,192	2,098	181,262	2,117	185,003
1909.....	2,283	478,551	2,324	481,051	3,987	223,064	3,963	225,399	2,206	182,934	2,201	184,090
1910.....	2,502	485,551	2,533	489,245	3,691	211,795	3,707	213,870	2,445	219,587	2,460	226,072
December 31—												
1911.....	3,011	838,045	3,034	809,916	4,916	501,600	4,969	575,344	2,824	380,145	2,850	374,801
1912.....	3,020	878,940	3,006	807,912	4,874	472,612	4,897	569,989	2,931	460,031	2,917	418,891
1913.....	2,871	883,282	2,953	846,013	4,506	472,513	4,587	518,013	2,873	445,010	2,880	435,084
1914.....	2,813	905,560	2,806	846,217	5,380	545,024	5,422	594,667	2,534	474,828	2,531	431,651
1915.....	2,809	809,908	2,854	811,605	5,966	521,604	5,977	594,696	2,700	421,279	2,700	388,253
1916.....	2,982	753,818	2,950	741,330	6,130	543,603	6,158	556,984	2,990	365,597	3,087	365,010
1917.....	3,483	665,935	3,560	718,065	5,265	425,446	5,316	398,857	5,055	358,698	5,140	355,990
1918.....	3,813	705,087	3,841	625,302	4,737	323,372	4,778	337,682	5,625	319,371	5,640	343,512
1919 ^a	1,975	340,834	2,086	368,382	3,020	230,655	3,046	236,959	2,741	188,843	2,802	193,930

^a From January 1 to June 30, only.

TABLE No. 74.—*Number and registered tonnage of vessels engaged in domestic shipping, 1906–1919—Continued.*

Year ended—	Zamboanga.			All others.			Total.		
	Entered.		Cleared.	Entered.		Cleared.	Entered.		Cleared.
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.	Number of vessels.
June 30—									
1906.....	133	29,178	135	29,924	103	20,291	7,528	770,271	7,569
1907.....	121	42,761	120	43,249	104	36,217	7,963	894,189	8,046
1908.....	194	66,531	194	65,959	189	58,775	8,572	973,941	8,568
1909.....	319	72,110	315	71,742	414	82,679	9,209	1,039,338	9,218
1910.....	341	79,690	342	78,839	284	78,501	9,263	1,075,124	9,306
December 31—									
1911.....	340	141,498	345	150,019	147	75,889	11,238	1,937,177	11,345
1912.....	397	148,733	396	143,024	159	78,312	11,381	2,033,678	11,377
1913.....	403	139,292	407	137,953	157	85,005	10,310	2,025,102	10,485
1914.....	523	173,066	521	177,512	210	91,660	11,460	2,189,938	11,489
1915.....	687	179,269	684	167,374	187	67,297	12,349	1,999,357	12,407
1916.....	653	178,345	657	168,498	164	62,708	12,869	1,904,071	13,016
1917.....	641	161,485	662	166,378	139	48,688	14,884	1,661,282	14,818
1918.....	829	155,612	852	148,057	142	32,248	15,146	1,536,690	15,254
1919 ^a	534	102,919	548	109,422	95	27,009	8,365	890,260	8,523
									932,938

^a From January 1 to June 30, only.

TABLE NO. 75.—*Number and registered tonnage of vessels of Philippine registry, engaged in the coastwise trade, entered and cleared from ports of entry, during the years ended December 31, 1915–1918.*

[Source: Bureau of Customs.]

Ports.	1915				1916			
	Entered.		Cleared.		Entered.		Cleared.	
	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.
Manila	2,705	617,653	2,756	616,510	2,831	553,072	2,849	543,600
Iloilo	5,885	388,710	5,873	391,475	6,041	337,070	6,071	398,130
Cebu	2,615	268,350	2,627	268,016	2,915	239,947	3,010	243,784
Jolo	150	48,303	154	48,367	132	50,755	132	50,755
Zamboanga	629	93,310	629	93,258	599	86,405	607	86,910
Balabac	6	1,775	7	1,844	7	349	7	349
Total	11,990	1,418,101	12,046	1,419,470	12,525	1,327,598	12,676	1,323,528

Ports.	1917				1918			
	Entered.		Cleared.		Entered.		Cleared.	
	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.	Num- ber of vessels.	Regis- tered net tonnage.
Manila	3,426	565,838	3,486	557,566	3,751	557,763	3,813	554,361
Iloilo	5,216	343,730	5,280	344,488	4,723	287,197	4,744	289,957
Cebu	5,013	288,219	5,093	293,365	5,609	301,318	5,627	309,076
Jolo	107	37,105	107	37,105	120	25,312	118	25,154
Zamboanga	601	95,961	623	100,618	804	116,401	829	118,830
Balabac	7	978	7	978	7	935	7	935
Total	14,370	1,331,831	14,596	1,334,120	15,014	1,288,926	15,138	1,298,313

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TABLE No. 77.—*Number of post and telegraph offices, municipalities with free delivery service, and pieces of registered mail handled by post offices in the Philippine Islands, 1906-1918.*

[Source: Bureau of Posts.]

Year.	Number of telegraph offices.	Number of post offices.	Number of municipalities with free delivery service.	Pieces of mail registered at Philippine offices.	Pieces received from United States.	Pieces received from foreign countries.	Pieces sent to United States.	Pieces sent to foreign countries.	Pieces sent from one Philippine office to another Philippine office.	Pieces handled by Manila post office.
1906.	161	475	245,831	34,443	52,708	39,692	37,687	168,452	297,750	
1907.	161	505	280,044	38,585	54,536	46,328	36,588	197,128	331,865	
1908.	161	540	346,333	46,006	62,015	47,149	43,935	255,249	373,952	
1909.	162	553	379,062	46,614	61,507	55,653	45,579	277,830	398,578	
1910.	211	556	434,989	48,283	63,088	61,223	47,124	326,642	434,506	
1911.	238	572	510,085	57,729	64,071	66,671	49,080	394,334	577,350	
1912.	270	587	535,137	67,151	74,124	73,728	50,284	411,125	633,910	
1913.	283	661	535,137	67,151	74,124	73,728	50,284	411,125	633,910	
1914.	303	685	449	617,876	51,081	72,425	72,722	47,143	498,011	
1915.	311	693	447	644,494	27,738	70,010	72,481	52,972	519,041	
1916.	314	802	451	641,823	26,295	58,192	71,663	48,126	522,034	
1917.	315	818	457	719,546	29,440	58,265	81,822	46,598	588,242	
1918.	320	828	462	814,129	32,657	56,458	93,968	46,598	673,563	
			462	876,063	37,900	64,400	92,698	41,124	837,950	
									815,762	

^a Manila only.

^b No data available.

TABLE No. 78.—*Philippine currency in circulation, 1906-1919.*

[Source: Insular Treasury.]

Year ended—	Philippine silver certificates and bank notes of ₱2 or over.		Silver pesos and bank notes of ₱1.		Subsidiary and minor currency.		Amount in circulation.	Increase (+) or decrease (—).	Per capita circulation.
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.			
June 30—									
1906	₱13,231,374	44.06	₱11,157,002	37.19	₱5,632,035	18.75	₱30,030,411	—	3.72
1907	20,028,455	46.78	16,313,198	38.10	6,472,662	15.12	42,814,315	+ 12,783,904	5.21
1908	20,526,970	50.89	13,866,215	34.37	5,944,797	14.74	40,337,982	— 2,476,333	4.82
1909	22,996,583	55.37	12,806,817	30.84	5,725,208	13.79	41,528,608	+ 1,190,626	5.62
1910	28,079,923	57.60	14,501,162	29.74	6,173,612	12.66	48,754,697	+ 7,226,089	4.88
1911	29,104,883	60.44	12,753,580	26.48	6,237,124	13.08	48,155,587	— 599,110	5.45
1912	32,235,970	61.92	13,173,751	25.32	6,641,172	12.76	52,085,893	+ 3,900,306	5.79
1913	33,622,182	64.62	11,524,609	22.28	6,817,598	13.10	52,034,389	— 21,504	5.68
December 31—									
1913	32,804,950	64.71	11,017,417	21.73	6,874,886	13.56	50,697,253	— 1,337,136	5.53
1914	35,430,786	67.39	10,025,975	19.07	7,118,357	13.54	52,575,118	+ 1,877,865	5.63
1915	34,590,991	67.45	9,666,064	18.85	7,027,852	13.70	51,284,907	— 1,290,211	5.40
1916	47,616,660	71.01	11,364,874	16.95	8,077,655	12.04	67,059,189	+ 15,774,282	6.94
1917	76,949,057	75.01	15,127,154	14.75	10,504,103	10.24	102,580,314	+ 35,521,125	10.43
1918	104,031,658	79.32	14,332,260	10.93	12,757,965	9.75	131,151,883	+ 28,571,569	13.11
1919—									
January 31	102,605,760	79.12	14,454,145	11.15	12,621,299	9.73	129,681,204	— 1,470,679	12.94
February 28	104,086,878	79.22	14,639,360	11.14	12,661,240	9.64	131,387,478	+ 1,706,274	13.09
March 31	104,196,339	79.30	14,397,345	10.96	12,793,495	9.74	131,387,179	— 299	13.07
April 30	105,132,450	78.96	15,148,932	11.38	12,860,029	9.66	133,141,461	+ 1,754,282	13.22
May 31	103,522,209	78.90	14,850,878	11.32	12,837,839	9.78	131,210,926	— 1,930,535	13.01
June 30	105,200,051	78.86	15,356,474	11.51	12,843,838	9.63	133,400,363	+ 2,189,437	13.21

TABLE NO. 79.—*Revenue from taxation in the Philippine Islands, 1908–1918.*

[Source: Bureau of Audits.]

Fiscal year.	Insular.	City of Manila.	Provincial.	Municipal.	Total.	Per capita tax.
1908.....	P21,018,986	P1,572,756	P4,442,381	P2,116,125	P29,150,248	P3.49
1909.....	21,950,630	1,447,947	5,623,174	3,253,176	32,274,927	3.79
1910.....	23,220,047	1,621,721	6,159,680	4,188,606	35,190,054	4.06
1911.....	24,869,895	1,576,400	6,314,248	4,703,252	37,463,795	4.24
1912.....	27,397,919	1,691,632	6,314,248	4,881,730	40,285,529	4.48
1913.....	25,757,990	1,780,917	^a 6,518,800	^a 5,178,300	39,236,007	4.28
1914 ^b	20,103,584	2,027,268	6,268,327	5,219,500	33,618,679	3.60
1915.....	25,769,493	2,082,341	6,180,704	6,051,853	40,084,391	4.22
1916.....	27,957,309	2,129,220	6,774,538	6,559,235	43,420,302	4.49
1917.....	35,448,412	2,213,319	7,521,055	7,534,541	52,717,327	5.36
1918.....	44,559,230	2,196,016	7,572,467	8,165,042	62,492,755	6.24

^a Calendar years.^b Fiscal year changed to coincide with the calendar year.

NOTE.—The per capita tax, during the year mentioned, in the following countries were:

Canada (1915)	P33.08
Spain (1916)	25.16
Cuba (1916)	33.24
Australia (1916)	47.92
Siam (1917)	7.04
Japan (1917)	10.53
United States (1917)	21.41



TABLE No. 80.—Revenue and expenditures of the Insular Government, 1915-1918.

[Source: Bureau of Audits.]

Items of revenue and expenditures.	1915		1916		1917		1918		Increase (+) or decrease (—) 1917-1918.
	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.	
Revenue:									
Licenses and business	₱5,944,319	13.95	₱7,570,375	15.49	₱10,454,044	18.04	₱14,881,814	20.71	+ ₱4,427,770
Import duties	10,723,926	25.17	9,871,687	20.20	11,183,822	19.30	13,479,737	18.76	+ 2,295,915
Excise tax	9,865,601	23.15	10,749,368	22.00	12,933,426	22.32	13,191,923	18.36	+ 258,497
Income tax	429,149	1.01	503,645	1.03	1,178,007	2.03	2,550,149	3.55	+ 1,372,142
Wharfage tax	1,087,224	2.55	1,265,083	2.59	1,137,622	1.95	1,305,478	1.82	+ 167,856
Franchise tax	443,189	1.04	509,145	1.04	1,732,876	1.27	1,026,509	1.43	+ 293,833
Documentary tax	382,656	.83	477,035	.98	682,892	1.18	847,067	1.18	+ 164,375
Immigration tax	87,512	.20	87,512	.18	182,232	.26	207,752	.22	+ 55,520
Tonnage dues			81,771	.17	152,690	.26	207,752	.22	+ 55,520
Inheritance tax			5,872	.01	5,285	.01	75,128	.11	+ 69,843
Revenue from public forests	365,189	.86	451,602	.92	487,665	.84	538,985	.82	+ 101,320
U. S. Internal Revenue	408,353	.96	714,947	1.46	1,253,851	2.17	1,919,753	2.67	+ 665,902
Fines and forfeitures	322,667	.83	351,912	.72	419,872	.73	546,225	.76	+ 126,353
Sales and rentals of public domain	27,307	.06	23,354	.05	70,958	.12	103,423	.14	+ 32,465
Income from commercial and industrial units	8,479,213	19.90	9,326,811	19.08	11,832,922	20.42	15,372,532	21.39	+ 3,539,610
Income from operating units	80,721	.19	175,263	.36	52,626	.10	62,301	.09	+ 9,675
Dividends on bank stock			314,787	.54	314,787	.54	495,690	.69	+ 180,803
Income from U. S. A. T. freight service.			125,315	.26	337,470	.58			+ 337,470
Interest repayments, railway companies							290,202	.40	+ 290,202
All other income ^a .	3,965,279	9.30	6,420,817	13.14	4,381,476	7.56	4,672,525	5.50	+ 291,049
Prior year adjustments					181,402	.31	79,340	.11	- 102,062
Total	42,612,305	100.00	48,869,940	100.00	57,945,325	100.00	71,854,189	100.00	+ 13,908,864
Less apportionment of Internal Revenue to local governments	-3,164,084		-3,164,084		-3,164,084		-3,164,084		
Total revenue	39,448,221		45,704,856		54,781,241		68,690,105		+ 13,908,864
Expenditures:									
General administration ^b .	1,080,419	2.84	979,837	2.39	1,133,301	2.50	1,098,270	1.91	- 35,031
Legislation	700,129	1.84	855,785	2.09	980,428	2.16	1,010,660	1.76	+ 30,232
Adjudication	1,518,233	3.98	1,533,100	3.75	1,517,048	3.34	1,529,840	2.66	+ 12,792
Protective service ^c .	4,260,847	11.18	4,545,480	11.11	5,288,906	11.65	7,176,567	12.48	+ 1,887,661
Social improvement ^d .	7,117,076	18.68	7,937,675	18.32	7,551,787	16.63	8,322,271	14.48	+ 770,484
Economic development ^e .	10,849,043	28.48	14,459,203	35.35	14,226,761	31.33	21,394,776	37.13	+ 7,123,015
Aid to local governments	7,572,099	19.88	5,990,888	14.64	8,879,812	19.55	9,994,048	17.38	+ 1,114,236
Expense of revenue collection	1,197,429	3.14	1,131,685	2.77	1,151,680	2.54	1,271,919	2.21	+ 120,239
Public debt	1,954,981	5.13	1,709,491	4.18	2,167,962	4.77	2,247,166	3.91	+ 79,204
Public works and purchase of equipment	1,516,824	3.98	2,072,699	5.07	1,764,288	3.89	2,704,081	4.70	+ 939,793
Retirement gratuities ^f			99,476	.24	584,353	1.29	785,904	1.37	+ 201,551

Prior year charges.....	330,121	.87	35,494	.09	20,077	.04	5,541	.01	14,536
Prior year adjustments.....					142,314	.31			142,314
Total.....	38,097,201	100.00	40,906,813	100.00	45,408,717	100.00	57,496,043	100.00	+ 12,087,326
Current surplus for the year.....	1,351,020		4,798,043		9,372,524		11,194,062		+ 1,821,538
Current surplus at the beginning of the year.....	8,883,097		10,234,117		15,032,159		24,404,683		+ 9,372,524
Current surplus at the end of the year.....	10,234,117		15,032,160		24,404,683		35,598,745		+ 11,194,062

^a Includes income incidental to functional activities, sales of fixed property, Friar Lands estate and San Lazaro estate, proceeds of loan from currency reserved fund, and sales of agricultural bank loans, etc.

^b Executive direction and control.

^c Includes expenditures on law and order, national defense, suppression of animal diseases and plant pests, protection against forces majeures and other protective service.

^d Includes expenditures on public health, public education, public corrections, public charities, and other social improvements.

^e Includes expenditures on conservation of natural resources, development of commerce and agriculture, regulation of public utilities, Philippine public utility, development of industrial arts and sciences, operation of commercial and industrial units, corporate investments, advances to railway companies under guaranty contracts and exchange on advances to railway companies.

^f Act No. 2589, amended by Act No. 2796, provides for a gratuity by reason of retirement to officers and employees of the Philippine Government who have rendered satisfactory service during six continuous years or more.

TABLE No. 81.—*Sources and amount of internal revenue taxes collected during the years, 1912 to 1918.*

[Source: Bureau of Internal Revenue.]

Sources.	1912 ^a	1913 ^a	1914 ^b	1915 ^b	1916 ^b	1917 ^b	1918 ^b
Banks and bankers	P245,086	P271,242	P255,308	P267,750	P332,920	P523,728	P785,140
Cedulas	3,643,118	4,180,197	4,090,130	4,296,765	4,480,657	5,351,065	5,075,486
Cinematographic films (domestic and imported)					77,418	40,351	29,732
Coal and coke (domestic)						1,608	15,950
Coal and coke (imported)						157,187	119,048
Contractors, warehousemen, and others				357,492	175,737	153,873	209,475
Denatured alcohol (domestic)				6,299	78		
Documentary stamp taxes	272,935	300,784	261,084	250,810	282,114	382,951	505,615
Forest products	354,686	390,864	442,661	425,817	494,448	536,328	650,692
Franchise taxes	187,680	193,781	211,772	208,595	220,451	247,749	273,195
Income taxes			285,933	481,010	529,608	1,182,888	2,571,575
Inheritance taxes					5,872	5,825	75,562
Justice of the peace fines and fees	262,213	394,497	373,272	387,076	337,659	453,037	443,548
Kerosene or petroleum (imported)				653,021	683,094	712,361	518,031
Licenses of manufacturers of and wholesale dealers in motor, spirits, mineral and lubricating oils				896	19	9	
Lubricating oils (imported)				84,490	80,747	71,335	92,573
Manufacture and sale of distilled spirits, wines, etc.	3,469,135		3,435,791	2,863,888	3,356,107	4,976,519	5,300,818
Manufacture and sale of fermented liquors	319,747	9,415,560	396,300	465,917	542,632	586,876	562,066
Manufacture and sale of tobacco and matches	5,490,563		5,542,246	5,991,327	6,240,468	6,894,152	7,397,559
Mines				18,823	28,037	28,686	23,873
Mining fees	39	159	30	33	87	1,547	450
Miscellaneous stamp collections				260,067	259,709	309,377	116
Naptha, gasoline, etc. (imported)	569,095	604,646	717,105	846,144	859,215	1,041,683	256,446
Occupations, trades and professions	116,730	91,821	39,221	10,723	1,743	2,730	1,257,857
Optum					5,030	6,556	400
Pearl fisheries	1,903,550	2,205,368	2,130,122	4,980,923	6,742,067	9,381,233	5,344
Percentage taxes on sales by merchants, etc. ^c	31,037	33,584	45,444	135,271	77,709	88,368	13,434,608
Percentage taxes on gross receipts by common carriers					106,831	100,025	109,912
Playing cards (imported)	32,134	32,074	43,401	43,975	46,297	53,269	122,031
Premium on insurance						9,915	77,031
Printers, publishers, and lithographers					2,690	2,510	21,065
Registered dealers in prohibited drugs	65,182	53,477	6,188	2,350			4,373
San Lazaro Estate (Executive Order No. 15, series of 1906)		65	163				
San Lazaro Estate, court costs	441	325	2,704				
Sales of public mineral lands	28,536	76,116	61,063	28,888	5,265		
Siiman matadero			125	1	5	27	497
Skimmed milk (imported)						603	142
Sponge fisheries							
Subscription to publicity fund	11,460	15,568	2,208				
Tobacco inspection fees					57,465	170,322	210,020
United States internal revenue collected in the Philippine Islands ^d	448,733	637,566	363,398	408,353	714,947	1,255,851	1,919,753

United States internal revenue collected in the United States ^d	123,137	135,280	129,627	132,515	159,632	98,978
Weight and measures	3,764,132	3,709,160	3,752,063	3,851,993	5,045,892	172,017
City of Manila taxes and revenue	85,595	3,646,473				16,161,413
	21,184,168	22,784,763	22,550,109	30,731,639	39,937,871	48,508,263
Total						

^a Old fiscal year covering the period, July 1 to June 30.

^b Calendar years.

^c Percentage tax was one-third of one per cent of the gross sales up to December 31, 1914, and one per cent, thereafter.

^d Accruing to the Philippine Government in accordance with an act of Congress, dated March 8, 1902.

^e Manufacture and sale of distilled spirits, wines, etc., fermented liquors, and tobacco and matches not separately stated.



TABLE No. 82.—*Bonded indebtedness of the central and municipal governments of the Philippine Islands, June 30, 1919.*

[Source: Insular Treasury.]

Title.	Amount.	Date of bonds.	Rate of interest.	Interest payable.	Authorization.
Friar lands ten thirtieth year gold bonds, due February 1, 1934.....	P14,000,000.00	Feb. 4, 1904.....	<i>Per cent.</i> 4	February, May, August, and November....	Act of Congress, approved July 1, 1902 and Act No. 1034, Philippine Commission.
Public works ten thirtieth year gold bonds:					
First series, due March 1, 1935.....	5,000,000.00	March 1, 1905....	4	March, June, September, and December....	Act of Congress, approved February 6, 1905, and Acts Nos. 1301, 1444 and 1954 of the Philippine Legislature.
Second series, due February 1, 1936.....	2,000,000.00	Feb. 1, 1906.....	4	February, May, August, and November....	
Third series, due August 31, 1939.....	3,000,000.00	Aug. 1, 1909.....	4	do.....	
Manila sewer and waterworks ten thirtieth year gold bonds:					
First series, due June 1, 1935.....	2,000,000.00	June 1, 1905.....	4	March, June, September and December....	Act of Congress, approved July 1, 1902 and Act No. 1323 of the Philippine Commission.
Second series, due January 2, 1937.....	4,000,000.00	Jan. 2, 1907.....	4	January, April, July, and October.....	
Third series, due January 2, 1938.....	2,000,000.00	Jan. 2, 1908.....	4	do.....	
Cebu waterworks ten thirtieth year gold bonds, due January 1, 1941.....	250,000.00	Jan. 1, 1911.....	4	do.....	Act of Congress, approved July 1, 1902 and Act No. 2009 of the Philippine Legislature.
Manila Railroad purchase ten thirtieth year gold bonds, due December 1, 1946.....	8,000,000.00	Dec. 1, 1916.....	4	March, June, September, and December....	Act of Congress, approved August 29, 1916, and Act No. 2615 of the Philippine Legislature.
Total bonded indebtedness.....	40,250,000.00				

NOTE.—The total bonded debt of the Insular Government on June 30, 1919 is P32,000,000. The total amount set aside to pay off this bonded debt at maturity is P8,836,899 on June 30, 1919, see Table No. 83.

TABLE NO. 83.—*Reserve fund for redemption of the bonded indebtedness of the Insular Government, 1908 to 1919.*

[Source: Insular Treasury.]

Year ended—	Bonded indebtedness.	Sinking fund reserve at end of year.				Balance of bonded debt not provided for at end of year.
		Friar lands bonds.	Public works bonds.	Manila Railroad bonds.	Total.	
June 30:						
1908.....	^a P24,000,000	P1,205,099	P547,052	-----	P1,752,151	P22,247,849
1909.....	24,000,000	1,391,841	714,201	-----	2,106,042	21,893,958
1910.....	24,000,000	1,876,754	882,973	-----	2,759,727	21,240,273
1911.....	24,000,000	2,711,794	1,124,083	-----	3,835,877	20,164,123
1912.....	24,000,000	3,384,929	1,370,517	-----	4,755,446	19,244,554
1913.....	24,000,000	4,166,972	1,634,914	-----	5,801,886	18,198,114
December 31:						
1913.....	24,000,000	4,426,986	1,726,702	-----	6,153,688	17,846,312
1914.....	24,000,000	^b 3,855,961	^c 1,711,665	-----	5,567,626	18,432,374
1915.....	24,000,000	4,580,211	1,970,202	-----	6,550,413	17,449,587
1916.....	^d 32,000,000	^e 4,087,083	2,237,788	-----	6,324,871	25,675,129
1917.....	32,000,000	4,510,030	2,514,739	P155,741	7,180,510	24,819,490
1918.....	32,000,000	4,947,781	2,801,384	316,285	8,065,450	23,934,550
1919 ^f	32,000,000	5,293,869	3,068,254	474,776	8,836,899	23,163,101

^a Friar lands bonds, P14,000,000, Act No. 1034, February 4, 1904, and Public Works Bonds, P10,000,000, Acts Nos. 1301, 1444 and 1954.

^b Decrease of fund is due to reversion of P1,300,000 excess surplus in accordance with Act No. 2434.

^c Decrease of fund is due to reversion of P282,752.58 excess surplus in accordance with Act No. 2425.

^d Increase in bonded debt in the sum of P8,000,000 is due to the purchase of the Manila Railroad Company by the Government of the Philippine Islands, Act No. 2615, December 1, 1916.

^e Decrease of fund is due to readjustment to place the sinking fund in a correct amortization basis in accordance with Act No. 2550.

^f At end of June 30, only.

TABLE No. 84.—*Real property and estate tax in the Philippine Islands, by provinces, during 1918.*

[Source: Bureau of Audits.]

Provinces.	Assessed value of real property.						Real estate tax.		Per capita.	
	Taxable.		Exempt.		Total.		Value.	Per cent.	Value of real estate.	Real estate tax.
	Value.	Per cent.	Value.	Per cent.	Value.	Per cent.				
Abra.....	P2,959,800	39	P847,470	28	P3,447,270	37	P38,249		P50.22	P0.56
Agusan.....	1,769,440	23	349,270	20	2,118,710	23	18,151		33.69	29
Albay.....	31,206,030	4.13	4,836,520	2.79	36,042,550	3.88	290,619		117.11	94
Ambos Camarines.....	21,129,950	2.80	2,611,290	1.51	23,741,240	2.56	258,079		76.92	83
Antique.....	4,398,150	.58	761,650	.44	5,159,800	.56	42,950		30.61	26
Bataan.....	5,044,740	.67	956,010	.55	6,000,750	.65	42,527		111.13	79
Batanes.....	1,304,210	1.17	103,350	.06	1,407,560	.15	6,399		153.66	70
Batangas.....	17,526,490	2.32	2,313,880	1.33	19,840,370	2.14	158,637		65.71	53
Bohol.....	17,405,290	2.31	3,838,420	2.21	21,243,710	2.29	190,696		65.49	59
Bukidnon.....	21,011,620	2.28	1,117,420	.07	22,129,040	.24	10,577		36.22	17
Bulacan.....	30,808,540	4.08	5,594,420	3.22	36,397,960	3.92	264,321		137.52	1.00
Cagayan.....	13,853,100	1.83	3,447,870	1.99	17,300,970	1.86	130,237		85.35	.64
Capiz.....	10,193,530	1.35	2,330,140	1.34	12,523,670	1.35	87,950		41.43	29
Cavite.....	10,845,980	1.44	2,161,460	1.25	13,007,440	1.40	98,450		78.41	56
Cebu.....	30,994,460	4.11	6,305,170	3.63	37,299,630	4.02	272,571		48.64	36
Cotabato.....	878,000	.12	126,070	.07	1,004,070	.11	6,636		9.76	.06
Davao.....	9,935,160	1.32	415,280	.24	10,350,440	1.11	73,583		89.39	.64
Ilocos Norte.....	13,693,640	1.81	2,448,380	1.41	16,142,020	1.74	133,552		82.63	.68
Ilocos Sur.....	12,121,250	1.61	1,845,450	1.07	13,966,700	1.50	116,706		77.59	.64
Iloilo.....	29,093,820	3.85	8,614,430	4.97	37,708,250	4.06	263,236		78.69	.55
Isabela.....	11,511,700	1.53	738,710	.43	12,250,410	1.32	105,590		117.77	1.02
Laguna.....	26,385,880	3.50	2,374,710	1.35	28,760,590	3.10	245,145		155.66	1.33
Lanao.....	609,090	.08	68,340	.04	677,430	.07	5,713		8.08	.07
La Union.....	11,093,810	1.47	1,415,590	.82	12,509,400	1.35	98,633		79.99	.63
Leyte.....	32,105,490	4.25	4,251,880	2.45	36,357,370	3.92	206,594		72.13	.41
Mindoro.....	4,833,300	.64	172,970	.10	5,006,270	.54	39,023		74.52	.58
Misamis.....	15,803,640	2.09	1,104,880	.64	16,908,520	1.82	173,832		90.62	.93
Mountain.....	1,936,070	.26	7,651,380	4.41	9,587,450	1.03	44,950		23.49	.11
Nueva Ecija.....	26,738,680	3.54	1,817,100	1.05	28,555,780	3.08	218,081		161.33	1.23
Nueva Vizcaya.....	1,737,350	.23	89,200	.05	1,826,550	.20	16,006		50.12	.44
Occidental Negros.....	27,849,620	3.69	3,609,920	2.08	31,459,540	3.39	225,933		72.02	.52
Oriental Negros.....	10,043,990	1.33	1,885,420	1.09	11,929,410	1.28	75,725		42.70	.27
Palawan.....	1,388,860	.18	711,170	.04	1,460,030	.16	12,539		21.28	.18
Pampanga.....	22,639,690	3.00	3,399,040	1.96	26,038,730	2.80	204,073		91.52	.72
Pangasinan.....	39,718,210	5.26	6,406,600	3.69	46,124,810	4.97	339,598		81.84	.60
Rizal.....	24,293,430	3.22	6,515,670	3.75	30,809,100	3.32	230,744		162.01	1.21
Romblon.....	3,035,580	.40	302,800	.17	3,338,380	.36	31,505		47.94	.45

Samar.....	14,257,800	1.89	3,175,900	1.83	17,433,700	1.88	118,868	50.89	.35
Sorsogon.....	17,353,610	2.30	1,843,620	1.06	19,219,230	2.07	125,879	90.75	.59
Sulu.....	1,835,010	.18	95,510	.06	1,434,520	.15	6,467	12.32	.06
Surigao.....	6,513,120	.86	1,412,870	.81	7,925,990	.85	73,222	63.96	.59
Tarlac.....	17,694,270	2.34	2,098,040	1.21	19,792,310	2.13	152,634	112.01	.86
Tayabas.....	47,241,320	6.26	6,903,690	3.98	54,145,010	5.83	381,595	202.32	1.43
Zambales.....	4,998,930	.66	518,290	.30	5,517,220	.59	44,727	47.34	.38
Zamboanga.....	9,462,500	1.25	1,300,150	.75	10,762,650	1.15	104,463	81.82	.79
City of Manila.....	107,167,910	14.19	64,621,940	37.24	171,789,850	18.50	1,570,666	612.53	5.60
Total.....	755,028,060	100.00	173,509,340	100.00	928,537,400	100.00	7,347,571	92.75	.73

NOTE.—A greater part of the exempted property valued at about ₱150,000,000 belongs to the various religious denominations in the Islands. Data for Mountain Province includes those of the city of Baguio.

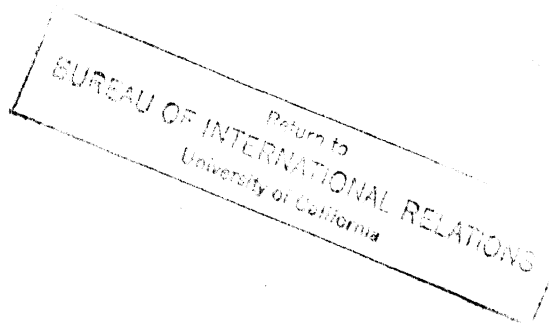


TABLE NO. 85.—*Expenditures for public education excepting the University of the Philippines and Government fellowships, 1908–1918.*

[Source: Bureau of Education.]

Year ended—	State expenditures.				Voluntary contributions. ^a	Total.	Per capita expenditures on education.
	Insular.	Provincial.	Municipal.	Total.			
June 30:							
1908	P3,402,119	P216,956	P1,508,042	P5,127,117	-----	P5,127,117	P0.68
1909	3,847,158	228,691	1,672,148	5,747,997	-----	5,747,997	0.75
1910	4,056,589	285,160	2,133,578	6,475,327	-----	6,475,327	0.83
1911 ^b	3,721,966	209,287	2,516,460	6,447,713	-----	6,447,713	0.81
1912 ^b	3,819,751	208,157	2,325,395	6,353,303	P174,334	6,527,637	0.81
1913	3,868,401	183,286	2,211,091	6,262,778	198,544	6,461,322	0.79
December 31:							
1914	4,589,734	249,352	2,455,660	7,294,746	344,433	7,639,179	0.91
1915 ^c	4,905,296	472,538	2,303,304	7,681,139	374,982	8,056,121	0.85
1916 ^c	4,472,716	443,167	2,164,814	7,080,697	349,743	7,430,440	0.77
1917 ^c	5,176,788	463,844	2,394,788	8,035,420	478,803	8,514,223	0.87
1918 ^c	6,067,277	431,018	3,614,515	10,112,810	617,400	10,730,210	1.07

^a Contribution in the form of land, buildings, labor and money.

^b Excluding expenditures from Insular funds for schoolhouse construction and for support of Government students in Insular Schools.

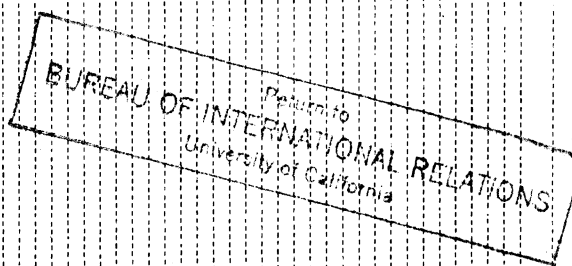
^c Including expenditures in the Department of Mindanao and Sulu.

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TABLE No. 86.—Number and capital stock of rural agricultural cooperative associations registered, by provinces, 1916-1919.

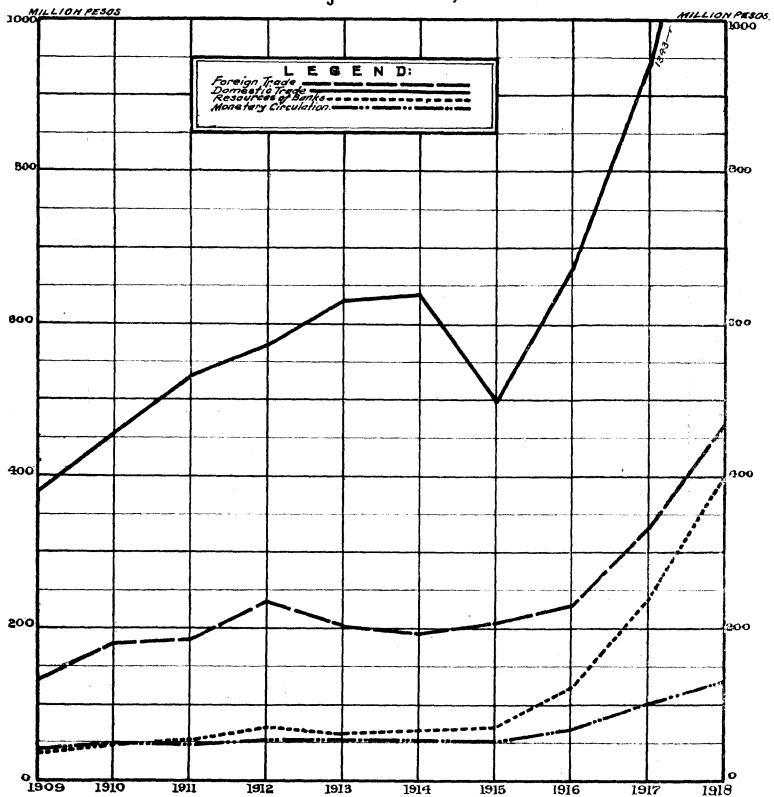
Provinces.	1916		1917		1918		1919 ^a		Total	
	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.	Num-ber.	Capital stock.
Abra.....			1	P3,400	3	P16,400	5	P32,000	9	P51,800
Albay.....					7	56,880	6	49,880	13	106,760
Ambos Camarines.....					9	65,000	11	93,700	20	158,700
Antique.....			9	37,000	2	8,000	1	6,000	12	51,000
Bataan.....	3	P3,000			2	12,000	1	10,000	6	25,000
Batangas.....	3	2,000			1	5,000	3	30,000	6	37,000
Bohol.....			1	5,000	14	106,000	1	5,000	16	116,000
Bulacan.....			5	21,800					5	21,800
Carayan.....			1	10,000	1	2,000	5	33,000	7	45,000
Capiz.....			6	13,500	5	41,000	13	97,940	18	138,960
Cavite.....					2	20,000	4	24,000	12	57,500
Cebu.....					3	30,000	3	30,000	6	60,000
Cotabato.....			15	36,840			1	10,000	1	10,000
Ilocos Norte.....			4	4,000					15	36,840
Ilocos Sur.....					8	47,500	3	22,080	15	73,580
Iloilo.....					9	50,825	12	90,000	21	140,825
Isabela.....			1	10,000	3	25,000	2	11,000	6	46,000
Laguna.....			2	14,000	6	50,000	2	10,000	10	74,000
La Union.....					11	66,000	2	13,000	13	79,000
Lanao.....			1		1	10,000			1	10,000
Leyte.....					8	21,000	3	18,000	8	44,000
Misamis.....			3	5,000					11	110,000
Mountain.....			1	30,000					1	10,000
Nueva Ecija.....			1	10,000					13	83,540
Nueva Vizcaya.....			3	12,840			7	68,000	3	20,000
Occidental Negros.....	3	2,700			2	10,000	1	10,000	2	20,000
Palawan.....					1	10,000	1	10,000	2	12,000
Panganga.....			2	18,000	2	12,000			18	147,000
Pangasinan.....			11	105,000	5	41,000	11	88,000	37	323,000
Rizal.....			6	51,000	24	203,000	2	15,000	9	71,000
Samar.....			1	10,000	3	12,700	7	66,400	5	47,500
Sorsogon.....					2	7,500	3	30,000	1	10,000
Surigao.....			1	5,000	1	10,000			14	91,000
Tarlac.....					12	80,000	1	6,000	1	5,000
Tayabas.....					1	6,000			1	5,000
Zambales.....					7	40,000	1	10,000	8	50,000
Total.....	8	7,700	74	402,180	160	1,162,805	112	889,020	354	2,461,705

^a To June 30, only. Act 2508, creating and regulating these associations, was enacted February 5, 1915. The first associations were registered as domestic corporations.



GRAPH XI

Relation of Foreign and Domestic Trade to Resources of Banks
and Monetary Circulation, 1909-1918.



NOTE: The volume of domestic trade is taken from the percentage tax of sales by merchants, manufacturers, peddlars, etc.

TABLE No. 87.—*Resources and liabilities of all commercial banks in the Philippine Islands, 1913-1919.*
 [Source: Insular Treasury.]

Year ended December 31—								Increase (+) or decrease (—) 1918-1917.
1913	1914	1915	1916	1917	1918	1919 a		
RESOURCES.								
Loans and discounts	₱9,591,993	₱9,387,878	₱9,393,279	₱21,585,237	₱52,871,372	₱73,565,066	₱82,414,554	+₱20,693,694
Overdrafts	24,375,640	26,971,309	29,690,563	27,213,951	30,535,891	64,110,968	101,208,036	+ 33,575,077
Stocks, securities, etc.	1,559,623	1,431,600	1,166,633	2,895,947	6,539,947	9,326,665	6,262,052	+ 2,787,283
Banking house, furniture, and fixtures	317,480	298,772	323,276	568,010	559,075	802,749	763,284	+ 243,674
Other real estate and mortgages owned	312,505	290,770	258,939	151,161	151,161	386,260	20,000	+ 324,260
Due from other banks	365,771	426,154	451,891	9,084,582	2,102,618	62,000	6,305,822	+ 5,201,733
Due from head office and branches	10,859,559	10,963,582	10,736,535	8,173,981	37,572,100	60,360,366	63,710,623	+ 22,788,266
Due from agents and correspondents	1,317,842	1,267,429	1,653,897	25,479,720	46,674,293	39,581,278	26,879,739	+ 7,092,715
Bills of exchange	7,259,179	4,909,353	6,861,126	9,595,007	23,955,955	62,244,066	36,131,299	+ 38,288,111
Cash on hand	6,466,002	8,197,659	8,338,679	9,986,867	10,104,111	16,763,944	14,517,794	+ 6,659,833
Checks and other cash items	146,649	452,108	206,772	700,579	2,494,009	2,491,776	2,373,531	+ 2,233
Profit and loss account	340,825	892,193	304,751	337,244	350,805	485,305	603,895	+ 134,500
Resources other than those above	832,861	1,116,060	2,156,523	6,181,868	25,101,855	62,709,108	26,744,469	+ 37,607,253
Total	63,745,929	66,639,867	71,542,869	121,954,154	239,247,726	399,807,942	367,935,098	+ 160,560,216
LIABILITIES.								
Capital stock	5,500,000	5,500,000	5,500,000	10,396,420	16,168,766	14,955,359	19,926,289	— 1,213,407
Reserve fund	2,261,640	2,404,016	2,881,672	1,930,321	4,121,764	5,826,836	6,721,817	+ 1,705,072
Undivided profits	382,500	4,898	3,849	369,337	160,043	1,299,612	2,962,972	+ 1,139,569
Bank notes in circulation	5,310,695	5,404,872	5,304,135	5,841,327	10,137,357	10,370,212	20,924,682	+ 232,855
Due to other banks	365,190	431,939	497,317	1,725,766	4,376,273	4,017,490	2,957,575	+ 358,783
Due to agents and correspondents	195,658	76,442	357,085	429,508	2,167,407	1,992,600	1,979,784	— 174,807
Due to head office and branches	18,793,482	19,726,000	20,832,493	12,461,941	37,401,550	65,884,711	61,783,850	+ 28,483,161
Dividends due and unpaid	227,115	226,905	226,655	316,265	786,165	1,007,908	828,703	+ 221,743
Demand deposits	50,833	90,864	83,365	326,664	60,326	197,563	401,338	+ 137,237
Time deposits	14,370,101	11,468,664	15,042,160	52,137,882	96,751,432	109,701,909	33,537,216	+ 12,950,477
Savings deposits	1,166,073	1,275,490	1,157,386	4,503,171	1,591,825	1,611,696	8,580,624	+ 19,871
Current accounts	13,057,170	16,600,369	15,615,969	22,798,300	41,690,375	126,348,302	195,074,467	+ 84,657,927
Bills payable:								
Domestic	35,484	12,070	14,586	124,621	4,218	6,856	—	+ 2,638
Foreign	69,078	42,469	86,254	59,624	131,390	113,037	b 206,227	+ 18,353
Cashier's checks outstanding	497,016	497,016	66,358	217,543	462,338	1,138,089	1,284,060	+ 730,751
Certified checks	152,610	328,196	291,873	156,793	406,765	401,818	748,026	+ 4,947
Profit and loss account	435,710	772,467	979,302	889,008	1,162,414	1,272,678	1,338,081	+ 110,264
Suspense account	137,999	2,115	2,506	2,257,771	658,681	98,809	—	+ 559,872
Liabilities other than those above	1,184,836	1,775,075	2,599,904	5,011,892	21,008,637	53,507,457	8,679,437	+ 32,498,820
Total	63,745,929	66,639,867	71,542,869	121,954,154	239,247,726	399,807,942	367,935,098	+ 160,560,216

^a From January 1 to June 30, only. Data from the Postal Savings Bank are not yet available. The resources of the *Philippine National Bank* alone amount to ₱261,130,177.

^b Domestic and foreign not separately stated.

TABLE No. 88.—Summary of the transactions of the Postal Savings Bank, 1907–1918.

[Source: Bureau of Posts.]

Year ended—	Number of Postal Savings banks.				Number of ac- counts opened.	Deposits.			Withdrawals.			Balances.	
	First class.	Second class.	Third class.	Total.		Number.	Average.	Amount.	Number.	Average.	Amount.	Average.	Amount.
June 30—													
1907	9	86	140	235	2,331	7,267	₹108.21	₹786,361.03	1,958	₹143.26	₹280,499.21	₹191.50	₹509,463.34
1908	12	106	127	245	6,389	18,254	84.81	1,548,210.57	7,423	138.18	1,025,679.87	1,031.99	1,031,994.04
1909	20	99	132	251	8,782	24,851	81.00	2,012,967.47	11,604	137.54	1,596,002.95	1,448.99	1,448,958.56
1910	25	232	36	293	13,102	32,246	69.40	2,237,966.99	16,062	125.00	2,007,679.20	1,679.24	1,679,246.35
1911	26	270	118	414	28,804	63,613	44.74	2,846,155.46	22,004	110.25	2,425,927.32	2,099.47	2,099,474.49
1912	39	267	131	437	35,802	61,641	50.40	3,106,419.23	29,064	96.92	2,816,907.30	2,388.86	2,388,866.42
1913	39	269	129	437	39,909	56,387	53.15	2,997,120.25	32,075	90.59	2,905,624.30	62.15	2,480,482.37
December 31—													
1913	40	268	129	437	42,271	33,661	49.34	1,660,840.13	17,755	74.30	1,319,189.73	66.76	2,822,132.77
1914	271	168	439	878	48,876	72,080	51.25	3,694,136.22	39,092	85.65	3,348,253.58	64.82	3,168,015.41
1915	304	169	473	846	54,434	76,538	46.74	3,577,523.18	44,728	79.19	3,541,949.27	58.85	3,203,589.32
1916	310	74	384	768	60,759	87,418	46.40	4,056,623.77	48,898	72.56	3,547,811.59	61.10	3,712,401.50
1917	312	76	388	776	68,860	101,874	49.06	4,998,365.28	57,019	78.37	4,468,587.68	61.61	4,242,179.10
1918	313	81	394	788	78,124	109,053	58.97	5,886,524.49	63,742	81.57	5,199,551.54	63.08	4,928,152.05

^a Interest accrued amounting to ₹3,601.52 included.

TABLE No. 89.—Money orders issued or paid in Philippine post offices, 1906-1918.

[Source: Bureau of Posts.]

Year.	Num-ber of money order offices.	Orders issued payable in the Philippine Islands.			Orders issued payable in the United States and possessions.			Orders of the United States and other countries paid in the Philippine Islands.		Philippine Islands or-dered paid in the United States and other countries.
		Number.	Amount.	Fees.	Number.	Amount.	Fees.	Number.	Amount.	
1906	62	94,261	P3,687,126.81	P16,401.44	(a)	(a)	(a)	(a)	(a)	P2,166,718.66
1907	—	88,813	3,228,446.09	13,658.59	(a)	(a)	(a)	(a)	(a)	1,262,263.02
1908	—	107,751	3,645,123.13	21,629.20	(a)	(a)	(a)	(a)	(a)	1,298,566.71
1909	79	126,148	8,017,355.96	48,515.38	(a)	(a)	(a)	(a)	(a)	2,630,422.00
1910	118	151,357	9,781,670.48	57,837.86	(a)	(a)	(a)	(a)	(a)	3,727,026.06
1911	209	191,614	12,265,166.15	70,605.42	68,509	P8,445,591.74	P29,876.26	(a)	(a)	3,489,917.78
1912	253	160,524	11,184,401.70	50,712.48	68,479	3,556,645.40	31,315.60	8,184	P429,078.94	3,613,435.00
1913	285	200,653	12,848,999.08	59,891.46	68,157	3,688,084.86	32,713.08	10,236	519,118.14	3,265,836.68
1914	302	254,880	14,880,007.02	72,685.42	70,683	3,804,713.06	33,883.92	10,448	547,852.74	3,846,930.66
1915	311	285,057	15,453,467.04	79,178.16	68,854	3,547,553.52	31,380.06	11,237	587,233.62	4,245,414.02
1916	315	334,066	16,996,113.80	86,931.40	68,186	3,248,324.26	30,735.12	12,325	621,506.54	2,977,719.40
1917	318	381,874	22,487,134.52	105,690.24	66,963	2,754,890.38	25,964.48	13,744	726,704.86	2,438,460.14
1918	319	404,003	29,436,217.98	125,755.08	58,822	2,032,848.28	18,387.04	14,615	867,012.12	1,775,316.62

* No data available.

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TABLE NO. 90.—*Artesian wells drilled, by year and by provinces, from 1908 to 1918.*

[Source: Bureau of Public Works.]

Year ended—	Number of successful wells drilled (deep wells).	Average depth of each well in meters.	Average flow per minute of each well in liters.	Total expenditures.
June 30—				
1908.....	8	244.51	92.26	
1909.....	11	148.03	401.44	
1910.....	15	168.35	210.95	P197,820
1911.....	17	184.56	294.57	366,917
1912.....	41	147.54	193.17	377,904
1913.....	92	145.72	178.57	420,841
December 31—				
1913.....	55	136.75	144.12	174,657
1914.....	108	115.52	152.97	284,579
1915.....	139	91.40	133.70	269,593
1916.....	122	94.39	125.77	234,705
1917.....	108	85.94	102.13	219,296
1918.....	165	65.49	133.90	274,917
<i>Artesian wells drilled, by provinces, in 1918.</i>				
Ambos Camarines.....	4	100.23	22.72	10,052
Batangas.....	3	100.00	44.17	8,243
Bulacan.....	19	88.96	112.38	31,224
Cavite.....	4	123.02	137.24	15,115
Cebu.....	28	31.59	134.67	23,466
Ilocos Norte.....	5	52.50	124.94	7,226
Luguna.....	13	77.27	147.95	19,338
Leyte.....	3	120.22	54.90	15,698
Mindoro.....	4	78.13	492.18	12,148
Nueva Ecija.....	5	157.50	102.98	21,390
Occidental Negros.....	21	44.09	77.16	20,774
Oriental Negros.....	3	38.72	61.84	9,626
Pangasinan.....	38	51.45	174.26	37,799
Rizal.....	12	95.15	124.62	36,260
Sorsogon.....	3	57.11	98.44	6,559

TABLE NO. 91.—*Expenditures on public improvements, 1911–1918.*

[Source: Bureau of Public Works.]

Year ended—	Roads and bridges.	Buildings, constructions, repair, maintenance, and alteration of.	Irrigation.	Water supply. ^a	Ports works.	Miscellaneous. ^b	Total.
June 30:							
1911.....	P4,551,733	P2,923,351	P888,755	P366,917		P1,062,363	P9,793,119
1912.....	4,546,708	2,657,601	578,784	377,904		1,559,444	9,720,441
1913.....	5,370,491	1,864,667	700,117	565,643		1,784,673	10,285,591
December 31:							
1913 (6 months) ..	2,840,454	1,406,882	191,359	259,195		709,576	5,407,466
1914.....	5,652,437	2,703,486		452,013	391,533	694,824	9,894,293
1915.....	5,872,057	2,478,030		633,006	812,945	1,385,244	11,181,282
1916.....	5,920,607	2,046,243		642,027	911,596	609,008	10,129,481
1917.....	6,148,213	2,015,232		477,136	944,015	759,472	10,344,068
1918.....	11,421,001	2,706,444	120,281	1,145,780	1,129,192	1,233,754	17,756,452

^a Includes expenditures on artesian wells.^b Includes expenditures on parks, operation of auto lines, quarries, etc.

TABLE NO. 92.—Annual average import prices of leading articles of merchandise imported into the Philippine Islands, 1913–1918.*

A. FOODSTUFFS AND VEGETABLES.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Breadstuffs:—							
Baking powder	Kilo	P1.10	P1.16	P1.01	P0.93	P1.06	P1.06
Bran, middlings and mill feed	do	.05	.03	.03	.03	.04	.07
Bread and biscuit	do	.50	.49	.53	.53	.74	.92
Macaroni and similar preparations	do	.19	.18	.19	.22	.31	.40
Oat meal	do	.24	.24	.25	.31	.35	.47
Oats	do	.06	.07	.07	.06	.08	.13
Rice	do	.07	.07	.06	.06	.07	.09
Starch	do	.13	.09	.12	.14	.15	.22
Wheat flour	do	.09	.09	.12	.11	.15	.18
Dairy products:—							
Butter	do	1.12	1.14	1.24	1.42	1.76	1.80
Butter, imitation (oleomargarine)	do	.55	.55	.54	.63	.70	1.51
Cheese	do	.79	.80	.87	1.08	1.30	1.56
Milk—							
Fresh	Liter	.22	.22	.23	.25	.32	.43
Condensed, sweetened	Kilo	.33	.33	.35	.34	.46	.73
Condensed, unsweetened	do	.26	.32	.25	.27	.42	.48
Fish and other sea products:—							
Codfish, dried	do	.35	.37	.35	.39	.57	.43
Salmon, canned	do	.21	.20	.22	.23	.39	.58
Sardines, canned	do	.46	.47	.50	.55	.63	.58
Shellfish—							
Canned	do	.60	.58	.50	.45	.68	.72
Dried	do	.76	.77	.65	.74	.82	.94
Fresh	do	.57	.85	.84	.90	.52	1.22
Fruits and nuts:—							
Apples	do	.11	.11	.10	.10	.13	.17
Chestnuts	do	.13	.14	.11	.13	.18	.23
Lemons	do	.18	.25	.11	.23	.27	.39
Oranges	do	.10	.09	.10	.09	.12	.19
Peanuts	do	.14	.13	.12	.13	.19	.28
Pears	do	.09	.09	.08	.09	.10	.15
Raisins	do	.25	.31	.29	.32	.35	.44
Meat products:—							
Bacon	do	.84	.91	.93	1.02	1.30	1.47
Beef, canned	do	.57	.69	.76	.75	1.13	1.24
Beef, fresh	do	.29	.31	.41	.43	.42	.45
Hams and shoulders	do	.86	.84	.78	.86	1.22	1.32
Lard	do	.41	.35	.31	.37	.58	.65
Mutton	do	.29	.34	.33	.49	.58	.61
Pork—							
Canned	do	.75	.86	.72	.87	.91	1.00
Fresh	do	.57	.86	.72	.87	.92	1.28
Sausage—							
Canned	do	.68	.77	.85	.99	1.11	1.58
Dried or smoked	do	1.32	1.28	1.14	1.21	1.53	1.56
Vegetables and spices:—							
Beans	do	.12	.12	.09	.09	.07	.18
Garlic	do	.06	.07	.06	.07	.08	.09
Onions	do	.06	.07	.07	.06	.08	.07
Peas	do	.23	.26	.31	.32	.38	.43
Pepper	do	.42	.44	.48	.56	.65	.76
Potatoes	do	.05	.05	.04	.05	.06	.08
Miscellaneous foodstuffs:—							
Cacao, unground	do	.65	.74	.61	.68	.74	.59
Chocolate	do	1.06	.95	.95	.94	.96	1.16
Coffee, green or raw	do	.61	.61	.52	.61	.58	.53
Coffee, roasted or prepared	do	.76	.76	.79	.99	.74	.80
Eggs	Dozen	.16	.17	.17	.18	.22	.30
Oils—							
Olive	Liter	.59	.58	.59	.58	.72	1.14
Peanut	do	.28	.30	.23	.26	.35	.49
Salt	Kilo	.04	.05	.06	.02	.03	.03
Sugar—							
Molasses and sirup	Liter	.27	.28	.24	.23	.28	.37
Brown	Kilo	.13	.09	.05	.20	.30	.21
Refined	do	.17	.23	.23	.24	.29	.24
Tea	do	.62	.63	.65	.65	.67	.69
Vinegar	Liter	.18	.18	.22	.18	.17	.18

* The values shown are the values of the goods in the foreign markets whence exported to the Philippine Islands.

TABLE NO. 92.—Annual average import prices of leading articles of merchandise imported into the Philippine Islands, 1913–1918^a—Continued.

B. MANUFACTURED ARTICLES READY FOR CONSUMPTION OR FOR FURTHER USE IN MANUFACTURING.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Beverages and spirits—							
Hops	Kilo	P1.55	P1.95	P1.04	P1.11	P1.10	P0.89
Malt	do	.18	.16	.18	.17	.18	.24
Malt liquors—							
In bottles	Liter	.41	.41	.42	.48	.46	.67
In other containers	Pf. liter	.16	.14		.14	.45	
Spirits, distilled—							
Brandy	do	1.52	1.68	1.83	1.83	1.94	2.43
Cordials	do	1.22	1.16	1.16	1.32	1.50	1.77
Gin	do	.40	.42	.48	.76	.97	1.89
Whiskey—							
Corn	do	.29	.29	.24	.35	.31	1.02
Malt	do	1.05	1.06	1.11	1.30	1.43	2.35
Rye	do	.83	.82	.73	.85	.82	1.35
All other	do	.88	2.00	1.47	1.31	.99	.89
Wines—							
Sparkling	Liter	3.47	3.27	3.16	3.66	3.71	4.15
All other in bottles	do	.75	.69	.82	.77	.79	.88
All other in other containers	do	.17	.17	.18	.24	.26	.32
Turpentine, spirits of	do	.25	.22	.28	.35	.22	.35
Fibers, vegetable and textile—							
Bags	One	.17	.18	.13	.18	.21	.28
Burlaps and bagging	Sq. meter	.13	.12	.09	.15	.13	.21
Cloth	do	.55	.51	.55	.60	.36	.83
Shoes	Pair	.18	.17	.12	.63	.21	1.44
Yarns	Kilo	.71	.74	.80	.94	1.48	1.70
Fuel and oils—							
Candles	do	.44	.36	.41	.47	.55	.50
Coal	Metric ton	5.64	5.86	6.00	5.63	7.62	11.51
Coke	do	10.09	12.39	11.97	16.82	32.64	47.06
Grease	Kilo	.16	.17	.16	.20	.24	.33
Oils—							
Animal	Liter	.38	.25	.40	.62	.59	1.09
Mineral	do	.01	.03	.02	.01	.02	.02
Refined or manufactured—							
Illuminating	do	.05	.05	.05	.05	.06	.10
Lubricating and heavy paraffin	do	.15	.14	.14	.14	.19	.19
Naphthas, etc.	do	.10	.10	.10	.12	.13	.17
Residuum including tar, etc.	do	.05	.05	.05	.05	.06	.09
Vegetable—							
Castor	do	.33	.29	.34	.47	.50	.86
Linseed	do	.32	.32	.30	.41	.52	.73
Hides—							
Cattle	Kilo	.58	.57	.21	.45	.11	1.06
All other	do	2.39	1.58	2.48	1.43	1.18	1.08
Lead, shot	do	.29	.28	.32	.38	.51	.49
Paper—							
Cigarette	do	.66	.58	.67	.93	1.62	2.67
Pasteboard and cardboard sheets	do	.11	.09	.11	.12	.20	.21
Printing	do	.17	.17	.16	.23	.24	.26
Toilet	do	.27	.26	.21	.21	.42	.39
Wrapping	do	.10	.10	.08	.15	.15	.21
Writing paper and envelopes	do	.41	.35	.34	.41	.53	.53
Tin and its manufactures—							
Ingots	do	1.81	1.53	1.23	1.74	1.49	3.18
Tin foil	do	2.21	2.04	1.90	2.39	2.73	3.12
Tobacco and its manufactures—							
Cigars	One	.15	.18	.08	.25	.35	.13
Cigarettes	Hundred	1.19	1.09	1.01	1.07	.77	.78
Plug	Kilo	1.39	1.44	1.45	1.46	1.52	1.56
Smoking	do	2.19	2.04	2.08	2.09	2.21	2.55
Leaf	do	4.13	5.08	4.44	5.31	7.91	7.83

^a The values shown are the values of the goods in the foreign markets whence exported to the Philippine Islands.

TABLE NO. 92.—Annual average import prices of leading articles of merchandise imported into the Philippine Islands, 1913–1918^a—Continued.

C. MATERIALS FOR CONSTRUCTION PURPOSES.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Brass:							
Sheets	Kilo	P0.99	P0.86	P0.61	P1.02	P1.65	P1.63
Wire	do.	.90	.85	.98	1.67	1.33	1.35
Bricks	Thousand	27.13	38.94	34.02	34.17	66.04	84.10
Cement	Kilo	.02	.02	.02	.02	.02	.03
Copper:							
Sheets	do.	.67	.65	.80	1.19	1.43	1.49
Wire	do.	1.10	.96	.92	1.48	1.39	1.02
Cordage	do.	.68	.67	.55	.70	.77	.96
Iron and steel:							
Iron—							
Bar	do.	.06	.06	.07	.13	.15	.21
Corrugated roofing	do.	.15	.15	.16	.19	.29	.39
Pig	do.	.05	.04	.03	.06	.09	.12
Structural	do.	.13	.09	.11	.10	.17	.24
Iron wire—							
Barbed	do.	.10	.10	.11	.15	.25	.25
Cables	do.	.33	.30	.34	.48	.90	.92
Gauze	do.	.35	.40	.45	.67	.61	.77
Nails	do.	.10	.10	.11	.14	.25	.28
Netting	do.	.20	.15	.50	.32	.48	.49
Round	do.	.14	.12	.16	.23	.36	.46
Screws	do.	.34	.33	.38	.44	.72	1.13
Steel—							
Bar	do.	.07	.06	.06	.11	.19	.24
Rails for railways, etc	do.	.08	.08	.08	.12	.13	.19
Tin plates	do.	.18	.19	.21	.25	.54	.69
Lead, pigs, bars and sheets of	do.	.19	.20	.21	.29	.41	.39
Wire, insulated	do.	.65	.55	.47	1.29	1.35	1.43
Wood—							
Lumber							
Pine	Cu. meter	17.01	21.47	18.27	30.55	40.80	32.40
Redwood	do.	27.36	28.71	32.72	34.97	42.88	28.76
Ties for railways	One	1.07	2.07			1.01	.50
Timber—							
Cedar	Cu. meter	80.52	17.74	26.44		34.14	28.29
All others	do.	27.42	36.60	28.13	34.67	18.03	5.28
Zinc, pigs, bars and sheets of	Kilo	.31	.28	.62	.92	.96	.71

D. CHEMICALS, DRUGS, DYES AND MEDICINES.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Acid:							
Carbolic	Kilo	P0.12	P0.12	P0.64	P1.59	P0.75	P0.95
Sulphuric	do.	.03	.03	.04	.07	.07	.08
Calcium carbide	do.	.18	.17	.18	.28	.24	.29
Cotton, absorbent and antiseptic	do.	1.23	1.38	1.14	1.01	1.25	2.15
Explosives:							
Dynamite	do.	.42	.75		1.09	1.12	.93
Gun powder	do.	1.68	1.63	1.19	.32		
Fertilizers	do.	.10	.11	.11	.18	.20	.24
Ginseng	do.	47.70	29.55	43.51	54.19	62.02	82.33
Glue	do.	.43	.44	.49	.51	.89	.73
Lime, chloride of	do.	.09	.12	.04	.20	.21	.17
Opium	do.	60.87	31.87	87.14	84.43	43.90	129.87
Paints:							
Lead—							
Red	do.	.18	.21	.23	.34	.45	.74
White	do.	.27	.25	.31	.33	.41	.48
Zinc, oxide of	do.	.30	.31	.39	.42	.43	.54
Potash, chlorate of	do.	.33	.33	.72	1.56	1.98	4.05
Quinine, sulphate of, etc	Hectogram	1.19	1.21	1.90	4.29	2.47	2.61
Soda, caustic	Kilo	.09	.08	.09	.21	.23	.26
Waters, mineral	Liter	.25	.24	.21	.21	.25	.32

^a The values shown are the values of the goods in the foreign markets whence exported to the Philippine Islands.

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TABLE No. 92.—Annual average import prices of leading articles of merchandise imported into the Philippine Islands, 1913–1918^a—Continued.

E. WEARING APPAREL.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Boots and shoes:							
India rubber	Pair	P2.51	P2.27	P1.48	P1.19	P0.84	P1.09
Leather	do.	2.69	2.70	2.75	2.56	3.03	3.69
Sole	Kilo.	1.75	1.87	1.82	1.86	2.23	2.23
Cotton:							
Cloth—							
Bleached	Sq. meter	.20	.19	.17	.21	.28	.37
Dyed with yarns	do.	.22	.24	.24	.25	.32	.46
Printed	do.	.17	.16	.15	.17	.23	.38
Unbleached	do.	.18	.19	.15	.18	.27	.36
Raw	Kilo.	.61	.62	.46	.71	.67	1.44
Waste	do.	.34	.30	.24	.35	.38	.47
Yarns—							
Bleached	do.	.91	.84	.73	.92	1.86	2.71
Dyed or colored	do.	1.12	1.12	1.13	1.49	2.00	3.37
Mercerized	do.	1.31	1.56	1.37	2.01	2.45	3.44
Unbleached	do.	.84	.79	.62	.73	1.25	2.12
Diamonds, unset	Karat	44.72	42.74	41.85	43.49	66.71	82.05
Hats:							
Straw	One	1.71	1.81	1.22	1.68	1.87	2.53
Woolen	do.	.82	.95	.89	.92	1.08	1.47
Silk cloths	Sq. meter	.81	.77	.69	.87	.83	.98
Silk, spun	Kilo.	10.46	10.36	9.26	12.24	16.24	18.59
Woolen cloths	Sq. meter	.60	.59	.85	.94	1.49	1.82
Wool—							
Waste	Kilo.	1.21	1.46	1.52	1.94	2.26	2.56
Yarns	do.	2.53	2.72	2.83	4.68	4.48	4.48

F. MISCELLANEOUS ARTICLES.

Articles.	Unit.	1913	1914	1915	1916	1917	1918
Animals:							
Horses	One	P224.47	P161.05	P313.25	P124.14	P249.45	P1,298.00
Carabao	do.	66.65	83.77	72.29	66.22	73.18	120.17
Other cattle	do.	44.09	43.60	48.87	46.48	66.23	105.50
Automobiles	do.	2,742.68	2,390.04	1,878.24	1,472.80	1,476.35	1,676.25
Fodder	Kilo.	.03	.04	.06	.04	.04	.05
Hay	do.	.04	.04	.04	.04	.05	.07
Pianos	One	315.25	316.25	319.46	290.46	278.97	338.71
Soap:							
Toilet or fancy	Kilo.	.87	.69	.84	.64	.53	.70
All other	do.	.19	.19	.18	.20	.21	.29
Vessels:							
Motorboats	One	2,044.85	3,533.33	3,121.50	.....	377.17	.....
Sailing	do.	394.00	478.80	398.00	435.00	11,578.50	12.00
All others	do.	277.70	541.08	235.14	1,058.33	130.55	1,207.50
Wax:							
Animal	Kilo.	.53	.64	.32	.59	.72	.87
Mineral	do.	.21	.20	.20	.24	.28	.27
Vegetable	do.	.44	.31	.43	.54	.56	.50

^a The values shown are the values of the goods in the foreign markets whence exported to the Philippine Islands.

TABLE No. 93.—Annual average export prices of leading articles of domestic production exported from the Philippine Islands, 1913-1919—Continued.

A. MANUFACTURED PRODUCTS.

Articles.	Unit.	1913	1914	1915	1916	1917	1918	January to June.	
								1918	1919
Coconut cake.....	Kilo.....	P0 .08	P0 .06		P0 .03	P0 .04	P0 .03	P0 .03	P0 .04
Copper, scrap and old.....	do.....	.44	.41		.64	.81	.81	.76	.47
Copra.....	do.....	.23	.18	P0 .50	.20	.18	.19	.19	.20
Cordage.....	do.....	.45	.43	.16	.48	.63	.78	.76	.75
Glue.....	do.....	.24	.33	.42	.30	.25	.34	.27	.35
Hats:									
Arayat.....	One.....	.10	.10	.10	.09	.10	.11		
Bamboo.....	do.....	.80	.62	.54	1.21	1.04	1.29	1.45	3.00
Buntal.....	do.....	2.94	2.64	2.06	2.79	3.17	3.35		
Hides and skins:									
Carabao.....	Kilo.....	.36	.36	.34	.35	.76	.40	.40	.42
All other.....	do.....	.29	.39	.39	.62	.58	.43	.54	.53
Knotted hemp.....	do.....	3.37	3.59	2.35	2.77	3.82	3.62	3.57	3.51
Malt liquors.....	Liter.....	.51	.44	.43	.42	.45	.63	.58	.69
Oils:									
Coconut.....	Kilo.....	.46	.44	.42	.49	.51	.55	.53	.52
Ilang-ilang.....	do.....	53.37	45.92	34.08	76.96	41.10	137.81	154.33	83.99
Spirits, distilled.....	Liter.....	.34	.40	.30	.22	.21	.76	.73	.80
Sugar:									
Raw (brown).....	Kilo.....	.09	.09	.11	.11	.12	.10	.09	.17
Refined (centrifugal).....	do.....				.32		.18	.21	.25
Tobacco: ^a									
Cigarettes.....	Thousand.....	2.00	1.76	1.91	2.11	2.09	2.03	2.08	2.47
Cigars.....	One.....	.03	.03	.03	.03	.03	.04	.04	.05

^a See leaf tobacco under agricultural products, Table No. 93-B, page 194.

TABLE No. 93.—Annual average export prices of leading articles of domestic production exported from the Philippine Islands, 1913–1919.

B. AGRICULTURAL PRODUCTS.

Articles.	Unit.	1913	1914	1915	1916	1917	1918	January to June	
								1918	1919
Hemp:									
Graded under Act 2380.....	Kilo.			P0.33		P0.56	P1.59	P1.66	P1.36
Grade AA.....	do.							1.49	1.14
Grade BB.....	do.							1.33	1.06
Grade CC.....	do.						1.28		
Grade DD.....	do.						1.14	1.20	1.01
Grade EE.....	do.						1.02		
Grade A, extra prime.....	do.			1.00	P.97	1.54	1.45	1.46	.82
Grade B, prime.....	do.			.66	.81	1.31	1.04	1.16	.85
Grade C, superior current.....	do.			.47	.65	1.07	.93	.97	.76
Grade D, good current.....	do.			.40	.55	.92	.90	.93	.73
Grade E, midway.....	do.			.36	.48	.80	.84	.89	.73
Grade S-1, streaky No. 1.....	do.			.34	.43	.65	.79	.84	.64
Grade S-2, streaky No. 2.....	do.			.30	.40	.58	.72	.76	.56
Grade S-3, streaky No. 3.....	do.			.29	.38	.55	.65	.69	.52
Grade F, current.....	do.			.33	.47	.71	.81	.82	.67
Grade G, second.....	do.			.28	.37	.45	.62	.64	.48
Grade H, brown.....	do.			.25	.36	.42	.57	.59	.47
Grade I, good fair.....	do.			.32	.39	.54	.73	.79	.58
Grade J, fair.....	do.			.28	.36	.43	.60	.60	.48
Grade K, medium.....	do.			.24	.34	.35	.50	.53	.44
Grade L, coarse.....	do.			.20	.31	.32	.48	.49	.41
Grade M, coarse brown.....	do.			.18	.29	.30	.36	.39	.42
Grade O, strings, white.....	do.			.12	.14	.24	.34	.33	.36
Grade T, tow.....	do.			.08	.11	.15	.23	.21	.25
Grade DL, Daet coarse.....	do.				.31	.29	.33	.37	.29
Grade DM, Daet coarse brown.....	do.				.38	.28	.25	.29	.38
Grade OO, strings, coarse or dark.....	do.			.16	.10	.18	.28	.27	.27
Grade Y, damaged.....	do.				.10	.20	.24	.41	.39
Not graded under Act 2380.....	do.				.09				
Prepared with oil.....	do.	P0.35	P0.33	.27	.45	.68	.81	.81	.32
Average price—All grades.....	do.	.35	.33	.30	.39	.55	.69	.74	.55
Kapok.....	do.	.29	.27	.28	.32	.58	.43	.43	.52
Leaf tobacco.....	do.								

TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919.

A. ABACA OR MANILA HEMP.

Month and year.	Per picul.						Extra prime, fiber A.	Prime, fiber B.	Superior, fiber C.
	Fiber AA.	Fiber BB.	Fiber CC.	Fiber DD.	Fiber EE.				
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
1916.									
January	45.00-60.00	40.00-52.50	35.00-45.00	27.50-35.00	.....	29.50-38.00	28.00-35.00	27.00-33.50	.....
February	45.00-60.00	40.00-52.50	35.00-45.00	27.50-35.00	.....	33.00-38.00	32.00-35.00	30.50-33.50	.....
March	45.00-60.00	40.00-52.50	35.00-45.00	27.50-35.00	.....	34.00-35.50	33.00-34.50	31.50-33.00	.....
April	45.00-60.00	40.00-52.50	35.00-45.00	27.50-35.00	.....	35.50-36.50	34.50-35.00	33.00-34.00	.....
May	52.50-70.00	42.50-60.00	40.00-50.00	32.50-40.00	.....	36.50-37.00	35.00-36.00	34.00-35.00	.....
June	55.00-70.00	45.00-60.00	40.00-50.00	35.00-42.50	.....	38.00-39.00	36.00-37.00	35.00-36.00	.....
July	55.00-65.00	45.00-55.00	40.00-50.00	37.50-45.00	.....	40.00-42.00	37.00-38.00	36.00-37.00	.....
August	55.00-65.00	45.00-55.00	40.00-50.00	37.50-45.00	.....	42.00-44.00	39.00-40.00	38.00-39.00	.....
September	60.00-75.00	55.00-65.00	47.50-57.50	42.50-52.50	.....	44.00-45.00	40.50-42.00	39.00-40.00	.....
October	65.00-80.00	57.50-67.50	52.50-60.00	45.00-55.00	.....	45.00-46.00	42.00-43.00	40.00-42.00	.....
November	65.00-80.00	57.50-67.50	52.50-60.00	45.00-55.00	.....	.....	44.00	42.00-42.50	.....
December	67.25-89.75	58.50-68.50	52.50-60.00	45.00-55.00	.....	.....	.....	.....	.....
1917.									
January	75.00-100.00	65.00-80.00	55.00-70.00	48.00-60.00	.....	52.00-60.00	48.50-55.00	45.00-48.00	.....
February	75.00-100.00	65.00-80.00	55.00-70.00	48.00-55.00	.....	60.00	55.00	49.00-50.00	.....
March	75.00-100.00	65.00-80.00	55.00-70.00	48.00-55.00	.....	60.00-65.00	55.00-60.00	50.00-56.00	.....
April	75.00-85.00	65.00-80.00	55.00-70.00	48.00-60.00	.....	62.00-69.00	59.00-66.00	56.00-62.00	.....
May	80.00-95.00	70.00-80.00	60.00-75.00	55.00-70.00	.....	70.00-72.00	60.00-68.00	62.00-84.00	.....
June	80.00-100.00	70.00-85.00	65.00-80.00	60.00-75.00	.....	72.00-76.00	68.00-74.00	64.00-71.00	.....
July	85.00-100.00	75.00-85.00	70.00-80.00	65.00-75.00	.....	66.00	64.00	62.00	.....
August	85.00-110.00	75.00-85.00	70.00-80.00	65.00-75.00	.....	65.00-66.00	63.00-64.00	61.00-62.00	.....
September	80.00-110.00	70.00-85.00	65.00-75.00	60.00-70.00	.....	59.00-64.00	57.00-62.00	55.00-60.00	.....
October	72.00-96.00	65.00-77.00	59.00-68.00	56.00-62.00	.....	59.00-62.00	58.00-61.00	56.00-59.00	.....
November	72.00-82.00	65.00-72.00	59.00-65.00	56.00-59.00	.....	58.00-60.00	57.00-59.00	55.00-57.00	.....
December	75.00-90.00	65.00-80.00	59.00-70.00	56.00-65.00	.....	61.00	60.00	58.00-59.00	.....
1918.									
January	84.76-105.00	75.27-94.88	70.21-84.76	65.15-75.27	.....	55.00-64.00	54.00-63.00	53.00-62.00	.....
February	84.76-105.00	75.27-94.88	70.21-84.76	60.09-75.27	.....	60.00-62.00	59.00-61.00	57.50-60.00	.....
March	84.76-105.00	75.27-94.88	70.21-84.76	60.09-75.27	.....	60.00-61.50	57.50-59.50	57.50-57.75	.....
April	89.82-105.00	79.70-94.88	75.27-84.76	65.15-75.27	.....	61.50	59.50	57.75	.....
May	89.82-105.00	79.70-94.88	75.27-84.76	65.15-75.27	.....	61.50	59.50	57.75	.....
June	89.82-105.00	79.70-94.88	75.27-84.76	65.15-75.27	.....	53.00-61.50	52.00-59.50	51.00-57.75	.....
July	89.82-105.00	79.70-94.88	75.27-84.76	65.15-75.27	.....	52.00	51.00	50.00	.....
August	89.82-105.00	79.70-94.88	75.27-84.76	65.15-75.27	.....	51.25	49.63	48.12	.....

TABLE No. 94.—*Wholesale prices of important articles in the Manila market, 1916-1919—Continued.*
 A. ABACA OR MANILA HEMP—Continued.

Month and year.	Good current, fiber D.		Midway, fiber E.		Streaky No. 1.		Streaky No. 2.		Streaky No. 3.		Current, fiber F.		Seconds, fiber G.		Brown, fiber H.	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1916.																
January.....	25.50	29.00	24.50	27.00	23.00	25.25	21.00	23.50	19.50	22.00	23.50	25.75	20.00	24.25	19.00	22.50
February.....	29.00	29.75	27.00	27.75	25.00	26.00	23.00	24.50	21.50	23.50	24.00	28.50	21.00	25.00	20.50	23.25
March.....	30.00		28.00	29.00	26.50		24.50	25.00	22.75	23.50	26.00	28.50	21.50	22.50	20.50	22.00
April.....	30.00	32.50	29.00	31.00	26.50	29.00	24.50	27.00	22.75	25.00	28.50	30.00	22.00	23.50	20.50	22.00
May.....	33.00		31.50	32.00	29.00		27.00		25.00	26.00	30.50	31.00	24.50		23.00	
June.....	33.00	34.50	32.00	32.75	28.00	29.00	26.00	27.00	25.00	26.00	31.00	31.50	22.00	24.00	22.00	23.00
July.....	34.50	36.00	32.75	34.00	29.00	29.50	27.00	28.50	26.00	27.50	31.50	33.00	24.00		22.50	23.00
August.....	36.50	37.00	34.00	34.75	29.50		28.50		27.50		31.00	33.00	24.00	24.50	22.00	23.50
September.....	37.00	37.50	34.00	35.00	29.00	30.00	28.00	29.00	27.00	28.00	31.00	33.00	23.50	25.00	22.00	24.00
October.....	36.50	37.00	32.50	33.50	28.00	29.00	26.00	28.00	25.50	27.00	28.50	31.00	22.50	23.50	21.00	22.00
November.....	37.00	38.50	32.00	34.50	27.50	29.00	26.00	27.50	25.00	26.00	27.00	30.00	21.50	22.50	20.50	21.50
December.....	39.00	40.00	35.00	36.50	27.50	30.00	27.50	28.50	26.00	27.00	31.00	34.00	23.50	24.00	22.00	23.00
1917.																
January.....	41.00	44.00	37.00	38.00	31.00		29.00	29.50	27.50	28.50	34.00	35.00	23.50	24.00	22.50	23.00
February.....	44.00	45.00	39.00	40.00	31.50		28.50	30.00	26.50	29.00	35.00	36.00	24.00	24.50	23.00	23.50
March.....	45.00	48.00	39.00	44.00	30.50	32.50	28.50	31.00	26.50	29.50	36.00	38.00	25.50	29.00	23.00	
April.....	50.00	54.00	46.00	50.00	34.00	38.00	32.50	35.00	30.50	32.00	40.00	46.00	25.50	29.00	24.00	27.00
May.....	55.00	59.00	51.00	54.00	40.00	43.00	36.00	40.00	34.00	38.00	47.00	49.50	30.00	31.00	28.00	30.00
June.....	60.00	67.00	54.00	61.50	43.00	50.00	40.00	46.00	38.00	44.00	50.00	55.00	30.00	35.00	28.00	33.00
July.....	58.00		51.00	52.00	43.00		41.00		37.00		46.00		29.00		26.00	
August.....	58.00	60.00	54.00	55.00	45.00	46.00	41.00	42.00	37.50	40.00	50.00	50.50	31.00	32.00	28.00	30.50
September.....	53.00	56.00	51.00	54.00	44.00	46.00	40.00	42.00	38.00	40.00	49.00	52.00	31.00	32.00	29.00	30.00
October.....	54.00	57.00	52.00	55.00	46.00	47.00	41.00	42.00	39.00	40.00	50.00	52.50	30.00	32.00	29.00	30.00
November.....	53.00	55.00	51.00	53.00	45.00	48.00	41.00	44.00	38.00	41.00	49.00	50.00	30.00	34.00	29.00	32.00
December.....	56.00	57.50	54.00	55.50	48.00	49.00	44.00	45.00	41.00	42.00	52.00	54.50	34.00	36.50	32.00	33.00
1918.																
January.....	52.00	60.00	50.00	58.00	45.16	53.00	43.00	50.00	40.00	46.00	50.00	57.00	37.00	39.00	33.88	36.00
February.....	56.00	58.00	54.00		50.00	50.50	46.00	46.50	41.00	42.00	51.00	55.00	37.00	39.50	34.00	36.00
March.....	56.00	56.25	53.75	54.00	50.50	51.25	46.50	47.00	41.00	41.25	51.00	52.00	39.50	40.25	36.00	37.75
April.....	56.25		53.75		51.25		47.00		41.25		51.25		40.25		37.75	
May.....	56.25		53.75		51.25		47.00		41.25		51.25		40.25		37.75	
June.....	50.00	56.25	47.00	53.75	45.00	51.25	39.00	47.00	34.00	41.25	45.00	51.25	36.00	40.25	33.50	37.75
July.....	48.50	49.00	47.50	48.00	47.00		44.00		38.00	40.00	47.00		39.00		36.00	

August	46.77	44.75	42.25	39.13	34.66	42.75	34.13	31.50
September	46.77	44.75-43.75	42.75-43.75	39.13-34.00	34.66-34.93	42.75-43.75	34.13-34.50	31.50-32.50
October	47.87	44.75-43.75	42.75-43.75	40.50	33.00	43.75	34.50	32.25
November	44.00-50.00	42.00-47.00	38.00-45.00	33.00-41.50	30.00-37.00	40.00-45.00	31.00-34.50	29.00-32.00
December								
1919.								
January	40.00-41.00	36.00-38.00	33.00-35.00	28.00	23.00	34.00-36.00		
February	40.00-49.00	36.00-47.00	33.00-44.00	28.00-38.50	23.00-33.50	34.00-44.00	24.00-32.50	22.00-29.00
March	46.00-47.00	42.00-45.00	40.00	35.00-36.00	30.00-32.00	40.00-43.00	28.00-31.00	26.00
April								
May	35.00-40.00	33.00-38.00	30.00-34.00	24.00-30.00	19.00-26.00	31.00-34.50	18.00-25.00	16.00-19.50
June	40.00-44.00	38.00-41.00	34.00-39.00	28.00-34.00	20.00-29.00	35.00-39.00	22.00-26.00	18.00-22.00

TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919—Continued.

A. ABACA OR MANILA HEMP—Continued.

Month and year.	Good fair, strips I.	Fair, strips J.	Medium, strips K.	Coarse, strips L.	Coarse brown, strips M.	Daet coarse, strips DL.	Daet coarse brown, strips DMI.
	Per picul.						
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
1916.							
January	22.00-25.25	20.50-23.75	18.00-21.75	15.00-20.75	14.00-19.75		
February	23.00-25.75	20.00-24.75	17.00-22.50	16.00-20.75	15.00-19.75		
March	22.50-23.00	20.00-22.00	18.00-22.00	17.00-17.50	16.00-16.50		
April	22.50-24.00	20.50-22.50	19.00-21.00	17.50-19.00	16.50-18.00		
May	24.50-25.00	23.50-24.00	22.00-23.00	19.50-21.50	18.50-20.50		
June	22.00-25.00	21.00-23.50	20.00-22.50	19.00-21.00	18.00-20.00		
July	25.00-26.00	23.50-24.00	21.50-23.00	20.00-21.50	19.00-20.50		
August	26.00-26.50	23.50	21.50	19.00-20.00	18.00-19.00		
September	25.50-26.50	22.00-23.00	20.50-21.50	19.00-19.50	18.00-18.50		
October	23.50-25.50	20.75-22.00	19.50-20.00	19.00-19.50	18.00-18.50		
November	22.50-23.50	19.75-20.50	19.50-20.00	19.00	18.00		
December	25.00-26.00	21.00-22.00	20.00	19.00-19.50	18.00-18.50		
1917.							
January	26.00-26.50	21.00-22.50	19.00-20.00	18.00-19.00	17.00-18.00		
February	27.00-28.00	19.50-21.50	17.00-19.00	15.00-17.00	14.00-16.00		
March	27.00-28.50	19.50-21.50	17.00-18.50	15.00-16.50	14.00-15.50		
April	30.00-34.00	22.00-23.50	19.00-19.50	17.00-17.50	16.00-16.50		
May	35.00-38.00	23.50-24.50	19.50-20.50	17.50-18.25	16.50-17.25		
June	39.00-46.00	24.50-28.50	20.00-20.50	18.00-18.50	17.00-17.50		
July	38.00	23.00-28.50	20.00-21.00	18.00-19.00	17.50-18.00		
August	39.00-41.00	28.40-30.00	21.00-24.50	19.00	18.00		
September	39.00-42.00	30.00-34.00	23.40-25.00	19.00-22.00	18.00-20.00		
October	41.00-43.00	34.00	25.00	22.00	20.00		
November	41.00-44.00	34.00	25.00	22.00	21.00		
December	45.00-47.50	34.50-36.00	28.00-30.00	26.00-28.00	21.00		
1918.							
January	45.16-54.33	36.00-40.00	30.00-35.00	28.00-33.00	21.00-28.00	20.00	15.00
February	46.00-48.00	40.00	35.00	33.00	28.00	20.00	15.00
March	46.00-46.75	39.25-40.00	29.00-35.00	27.00-33.00	19.50-28.00	12.25-20.00	8.50-15.00
April	46.75	39.25	29.00	27.00	19.50	12.25	8.50
May	46.75	39.25	29.00	27.00	19.50	12.25	8.50
June	41.00-46.75	36.00-39.25	29.00	27.00	19.50	12.25	8.50
July	43.00	38.00	29.00	27.00	19.50	12.25	8.50

August	38 63	34 00	28 25	27 00	19 50	12 50	8 50
September	38 63	34 00	28 25	27 00	19 50	12 50	8 50
October	39 50	36 00	32 00	31 00	24 00	21 00	18 00
November	36 00-40 00	30 00-36 00	28 25-32 00	28 00-32 00	22 00-27 00	21 00-24 00	18 00-19 00
December							
1919.							
January	26 00-30 00	21 00-23 00	19 00	18 00	16 00		
February	30 00-40 00	23 00-31 00	22 00-25 00	20 00-24 50	16 00-20 00		
March	38 00	30 00	23 00-25 00	22 00	18 00-20 00	16 00	12 00
April							
May	25 00-29 50	16 00-20 50	15 00-17 50	14 00-17 00	13 00-16 50		
June	21 00-34 00	18 00-24 00	17 00-21 00	16 00-19 00	15 00-18 00		

NOTE.—Fiber AA, BB, CC, DD and EE are for Japanese trade (Tagal Braid purposes) only; all other classes are for general (for cordage purposes) trade. The prices in this statement are taken from the following sources: 1916 to September, 1918, weekly market reports of the Bureau of Agriculture, and October, 1918 to date from the daily quotations of the dealers of the respective commodities furnished to this Bureau.

One bale of abaca (Manila hemp) weighs two piculs at 63.25 kilos per picul.

BUREAU OF INTERNATIONAL RELATIONS
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TABLE NO. 94.—*Wholesale prices of important articles in the Manila market, 1916-1919—Continued.*

B. COPRA AND COCONUT OIL.

Month and year.	Copra.				Coconut oil.
	Sun dried (Cebu).	Fair mer- chantable (Manila).	Laguna.	Bodega copra.	
	Per picul.				Per kilo.
1916.	<i>Min. Max.</i>	<i>Min. Max.</i>	<i>Min. Max.</i>	<i>Min. Max.</i>	<i>Min. Max.</i>
January	P12.25-13.75	P11.25-13.25	P10.25-12.75		
February	12.00-13.00	11.50-12.25	10.50-11.25		
March	12.50-14.00	12.00-13.50	11.00-12.00		
April	14.00-14.50	13.50-14.00	12.00-12.50		
May	14.25-14.50	14.00	12.50		
June	13.50-14.00	12.50-13.50	11.50-12.00		
July	11.25-14.00	10.25-13.00	9.50-12.00		
August	9.50-11.50	8.50-10.50	7.75- 9.75		
September	9.75-13.00	9.25-12.00	8.50-11.25		
October	11.50-12.00	10.50-10.75	10.00		
November	11.50-13.00	10.25-12.50	10.50-11.75		
December	11.75-13.00	10.50-12.50	10.00-11.75		
1917.					
January	11.25-11.75	10.25-10.75	9.75-10.25		
February	10.25-11.50	9.75-11.00	9.25-10.50		
March	9.50-10.50	9.75-10.25	9.00- 9.75		
April	10.25-10.50	9.75-10.00	9.25		
May	9.00-10.00	8.75- 9.50	8.00- 9.00		
June	10.00-10.50	9.75-10.25	8.75- 9.50		
July	9.25- 9.50	9.00	8.00- 8.25		
August	9.00- 9.25	8.50- 9.00	8.00- 8.25		
September	9.00	8.50	8.00		
October	9.00	8.50	8.00		
November	9.00-10.50	8.50-10.00	8.00- 9.50		
December	10.25	9.75	9.25		
1918.					
January	10.25-10.75	9.75-10.25	9.50- 9.75		
February	10.75-11.75	10.50-11.00	10.00-10.50		
March	12.00-12.50	11.75-12.50	11.00-11.75		
April	12.00-12.25	13.00	12.25		
May	12.50-13.00	11.50-13.00	10.75-12.25		
June	10.50-12.50	11.00-11.50	10.25-10.75		
July	10.50	11.25	10.50		
August	11.97	11.75-11.97	11.25		
September	12.50-13.00	12.75-14.00	12.00-13.00		
October	14.50	15.75	14.75		
November	12.75-13.00	12.50	12.00	P13.00	P0.45-0.53
December	12.75-16.50	12.50-15.50	12.00-15.00		0.45-0.51
1919.					
January	14.00-17.00	13.50-16.00	13.00-15.00	14.00-16.50	0.39-0.51
February	11.50-16.00	10.50-15.00	9.00-14.50	12.00-16.00	0.35-0.48
March	12.00-14.50	10.00-14.00	10.00-12.50	12.00-14.50	0.35-0.47
April	13.00-14.50	11.25-14.00	11.00-13.75	13.00-15.00	0.35-0.50
May	13.50-17.50	13.00-16.50	12.50-16.25	14.00-17.50	0.42-0.54
June	17.30-21.50	16.50-20.00	15.00-19.00	17.75-23.00	0.50-0.65

NOTE.—For sources of above statistical data see note in Table No. 94-A, page 201.

C. LEAF TOBACCO.

Month and year.	Isabela.			Cagayan.				
	First.	Second.	Third.	Fourth.	Fifth.	First.	Second.	Third.
	Per quintal.							
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
1916.								
January.....	P24.00-34.00	P20.00-28.00	P15.00-23.00	P10.00-15.00	P8.00-11.00	P20.00	P16.00	P12.00
February.....	24.00-34.00	20.00-28.00	15.00-20.00	10.00-14.00	8.00-11.00	20.00	16.00	12.00
March.....	24.00-34.00	20.00-26.00	15.00-20.00	10.00-14.00	8.00-11.00	20.00	16.00	12.00
April.....	24.00-34.00	20.00-26.00	15.00-20.00	10.00-14.00	8.00-11.00	20.00	16.00	12.00
May.....	24.00-34.00	20.00-26.00	15.00-20.00	10.00-14.00	8.00-11.00	20.00	16.00	12.00
June.....	24.00-34.00	20.00-26.00	15.00-20.00	10.00-14.00	8.00-11.00	20.00	16.00	12.00
July.....	30.00-40.00	24.00-30.00	18.00-22.00	12.00-16.00	8.00-11.00	20.00	16.00	12.00
August.....	30.00-40.00	24.00-30.00	18.00-22.00	12.00-16.00	8.00-11.00	20.00	16.00	12.00
September.....								
October.....	40.00-87.00	34.00-65.00	28.00-48.00	22.00-35.00	16.00-24.00	36.00-43.00	28.00-35.00	18.00-26.00
November.....	65.00-87.00	52.00-65.00	39.00-48.00	26.00-35.00	17.00-24.00	43.00	35.00	26.00
December.....								
1917.								
January.....	65.00-87.00	52.00-65.00	39.00-48.00	26.00-35.00	17.00-24.00	43.00	35.00	26.00
February.....	65.00-87.00	52.00-65.00	39.00-48.00	26.00-35.00	17.00-24.00	43.00	35.00	26.00
March.....	65.00-100.00	52.00-65.00	39.00-48.00	26.00-35.00	17.00-24.00	43.00	35.00	26.00
April.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-30.00	17.00-20.00	43.00	35.00	26.00
May.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
June.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
July.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
August.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
September.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
October.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
November.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
December.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
1918.								
January.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
February.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
March.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
April.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
May.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
June.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
July.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
August.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
September.....	65.32-99.82	52.44-65.32	39.10-44.62	26.22-29.90	17.02-19.78	42.78	35.42	26.22
October.....	65.00-100.00	52.00-65.00	39.00-45.00	26.00-35.00	17.00-20.00	43.00	35.00	26.00
November.....	50.00-75.00	50.00-75.00	50.00-75.00	15.00-45.00	15.00-30.00	35.00-60.00	35.00-60.00	35.00-60.00
December.....	50.00-75.00	50.00-75.00	50.00-75.00	15.00-45.00	15.00-45.00	35.00-60.00	35.00-60.00	35.00-60.00

TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919—Continued.

C. LEAF TOBACCO—Continued.

[illegible]

TABLE NO. 94.—*Wholesale prices of important articles in the Manila market, 1916-1919—Continued.*

D. LIVESTOCK AND MEAT.

Month and year.	Livestock.			Meat.	
	Native cattle for work purposes.	Native cattle for slaughter.	Native carabao for work purposes.	Cattle.	Native hogs.
	Per head.			Per Kilo.	
1916.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
January	P90-125	P40-125	P90-140	P0.30-0.53	P0.38-0.60
February	90-125	60-125	90-140	0.40-0.54	0.45-0.60
March	90-110	50-90	90-125	0.35-0.54	0.50-0.60
April	90-110	50-90	90-125	0.35-0.54	0.50-0.60
May	90-125	50-125	60-140	0.42-0.58	0.30-0.45
June	90-125	55-110	60-140	0.42-0.58	0.30-0.40
July	110-140	50-140	90-140	0.38-0.62	0.36-0.60
August	110-125	50-120	90-140	0.38-0.56	0.36-0.45
September	110-125	50-120	90-140	0.38-0.56	0.36-0.45
October	90-125	40-120	90-140	0.36-0.56	0.40-0.60
November	90-125	40-100	90-140	0.36-0.52	0.40-0.60
December	125-140	125-140	110-140	0.50-0.65	0.17-0.22
1917.					
January	100-140	60-140	80-140	0.40-0.65	0.17-0.65
February	100-140	60-140	90-140	0.40-0.70	0.40-0.65
March	90-140	50-136	90-140	0.30-0.70	0.35-0.60
April	125-140	125-140	90-140	0.30-0.65	0.40-0.60
May	110-140	35-140	90-140	0.30-0.71	0.30-0.60
June	100-140	60-125	100-160	0.38-0.70	0.20-0.40
July	100-140	60-130	100-160	0.38-0.70	0.45-0.60
August	110-140	60-130	90-165	0.40-0.70	0.45-0.70
September	110-150	65-135	90-165	0.40-0.65	0.45-0.70
October	120-150	70-135	110-165	0.40-0.65	0.45-0.60
November	120-150	70-150	90-165	0.40-0.75	0.45-0.65
December	125-150	70-150	90-150	0.60-0.75	0.50-0.65
1918.					
January	90-180	70-180	90-190	0.60-0.92	0.50-0.80
February	125-180	80-180	120-190	0.72-0.95	0.60-1.00
March	125-160	125-160	120-160	0.85-0.95	0.80-1.00
April	125-160	125-160	120-160	0.85-0.95	0.80-1.00
May	125-160	125-160	120-160	0.85-0.95	0.80-1.00
June	125-160	125-160	120-160	0.85-0.95	0.80-1.00
July	125-160	125-160	120-160	0.85-0.95	0.80-1.00
August	125-160	125-160	120-160	0.85-0.95	0.80-1.00
September	125-160	125-160	120-160	0.85-0.95	0.80-1.00
October	120-200	60-160	150-300	0.85-1.40	0.95-1.40
November	120-280	70-180	130-300	1.00-1.60	0.90-1.25
December	160-220	60-200	150-300	1.00-1.60	0.90-1.20
1919.					
January	120-220	60-200	150-300	1.00-1.60	0.90-1.20
February	90-220	60-200	150-300	0.90-1.60	0.80-1.20
March	90-250	60-200	140-300	1.00-1.60	0.90-1.20
April	120-250	60-180	140-300	0.75-1.60	0.80-1.40
May	120-250	60-180	140-300	0.75-1.80	0.90-1.20
June	120-250	70-200	140-300	1.20-1.80	1.00-1.20

NOTE.—For sources of the statistical data in this statement, see note in Table No. 94-A. page 201.

TABLE No. 91.—Wholesale prices of important articles in the Manila market, 1916-1919.—Continued.

E. MAGUEY OR SISAL.

Month and year.	Per picul. ^a				Maguay No. 1.	Maguay No. 2.	Maguay No. 3.	Maguay D.
	Good, fiber A.	Fair, fiber B.	Common, fiber C.					
1916.								
January.....	Min. Max. P13.00-15.50	Min. Max. P11.50-14.50	Min. Max. P9.50-12.50	Min. Max. P11.50-14.50	Min. Max. P10.50-13.50	Min. Max. P9.00-11.50	Min. Max. P6.00	
February.....	15.50	14.50	12.50	14.00-14.50	13.00-13.50	11.00-11.50	5.00-6.00	
March.....	15.50	14.50	12.50	12.50-14.00	11.50-13.00	10.50-11.50	5.00-6.00	
April.....	15.50	14.50	12.50	12.50-13.00	11.50-12.00	10.50-11.00	7.00-8.00	
May.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
June.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
July.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
August.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
September.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
October.....	15.00-15.50	14.50	12.50	13.00	12.00	11.00	8.00	
November.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
December.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
1917.								
January.....	15.50	14.50	12.50	13.00	12.00	11.00	8.00	
February.....	15.00-15.50	14.00-14.50	12.50	13.00	12.00	11.00	8.00	
March.....	15.50	14.50	12.50	13.00-16.50	12.00-14.50	11.00-12.00	8.00-10.00	
April.....				15.50-17.00	14.00-16.00	12.50-14.50	10.00-12.00	
May.....				20.00-22.00	18.00-20.00	15.50-17.00	11.00-14.00	
June.....				22.00-26.00	20.00-24.00	17.00-20.00	14.00	
July.....				26.00	24.00	20.00	14.00	
August.....				24.00-26.00	22.00-24.00	17.00-20.00	13.00-14.00	
September.....				22.00-23.00	20.00-21.00	16.00-17.00	12.00	
October.....				20.00-22.00	18.00-20.00	15.00-16.00	11.00-12.00	
November.....				20.00-20.50	18.00-19.50	15.00-17.50	11.00-12.00	
December.....				21.00	20.50	18.50	12.00	
1918.								
January.....	Cebu No. 1.	Cebu No. 2.	Cebu No. 3.					
February.....				21.00	20.50	19.77	12.00	
March.....	25.50	23.00	18.00	21.00-23.00	20.00-20.50	17.00-19.77	11.50-12.00	
April.....	25.50		18.00	23.00-24.00	20.00-20.50	17.00	11.50	
May.....	25.50	21.50-23.00	18.00	24.50	20.50	17.00		
June.....	25.50	21.50	18.00	24.50	20.50	17.00		
July.....	18.00-25.50	14.00-21.50	11.45-18.00	24.50	20.50	17.00		
August.....	18.50	14.50-15.50	11.50	24.50	20.50	17.00		
September.....	18.50	15.50	11.50	17.00-18.00	14.47-18.00	10.50-13.36		
October.....	18.50	15.50	11.50	17.00	14.47	10.50		
				17.00	14.50	10.50		

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BUREAU OF INTERNATIONAL RELATIONS

TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919—Continued.

E. MAGUEY OR SISAL—Continued.

Month and year.	Per picul. ^a						
	Good, fiber A.	Fair, fiber B.	Common, fiber C.	Maguey No. 1.	Maguey No. 2.	Maguey No. 3.	Maguey D.
1918.							
November							
December							
1919.							
January							
February							
March							
April							
May							
June							

^a One picul equals 63.25 kilos.^b Quotations for Cebu No. 1 to No. 5.^c Quotations for Maguey No. 1 to Maguey No. 5.

NOTE.—For sources of the statistical data in this statement, see note in Table No. 94-A, page 201.

The standard grades of maguey and sisal are divided into two groups: Group I includes all fiber cleaned by retting the leaves in water, and Group II includes all fiber cleaned by knife or machine. The fiber in Group I is distinguished by its softness, lack of luster and marked deficiency in the tensile strength, and the presence, in most cases, of gummy scales. This group embraces maguey or sisal No. 1 to No. 3, and maguey or sisal D.

Group II embraces fiber A, or *good*; fiber B, or *fair*; and fiber C, or *common*. This group is superior to Group I in luster and strength of the fiber, its harsher texture, and freedom from scales.

F. RICE AND CORN.

Month and year.	Rice.						Corn.	
	Saigon second white.	Native second white.	Native medium red grain.	Native red grain.	Native hand cleaned.	Native (not specified).		Siam.
1916.	Per cavan. ^a							
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	
	6.13-6.25	6.00-6.30		5.85-6.25				
	6.10-6.25	5.90-6.25		5.70-6.00				
	5.95-6.25	5.80-6.10		5.60-6.00				
	6.25-6.30	6.35-6.50		6.00-6.25				
	6.45-6.60	6.80-7.00		6.50-6.65				
1917.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	
	6.20-6.40	6.40-6.55		6.15-6.25				
	6.10-6.25	6.00-6.30		5.85-6.25				
	5.95-6.25	5.80-6.10		5.70-6.00				
	6.25-6.30	6.35-6.50		6.00-6.25				
	6.45-6.60	6.50-7.00		6.50-6.65				
	6.35-6.60	6.60-6.80		6.30-6.60				

TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919—Continued.

G. SUGAR.

Month and year.	Manila.				
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
	Per picul. ^a				
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
1916.					
January.....	5.50-5.75	5.25	5.00	4.50	4.25
February.....	5.75	5.25	4.75-5.00	4.50	4.25
March.....	5.75-6.25	5.25-5.75	4.75-5.25	4.50-5.00	4.25-5.75
April.....	6.25-6.50	5.75-6.00	5.25-5.50	5.00	4.75
May.....	6.50	6.00	5.50	5.00	4.75
June.....	6.50	6.00	5.50	5.00	4.75
July.....	6.50	6.00	5.50	5.00	4.75
August.....	6.50	6.00	5.50	5.00	4.75
September.....	6.50	6.00	5.50	5.00	4.75
October.....	6.50	6.00	5.50	5.00	4.75
November.....					
December.....					
1917.					
January.....	6.00	5.50	5.00	4.75	4.50
February.....	6.30	6.30	6.30	6.30	6.30
March.....	5.75-6.00	5.25-5.50	4.50-5.00	3.75-4.25	3.00-3.50
April.....	6.00-6.25	5.50-5.75	5.00-5.25	4.25-4.50	3.50-4.00
May.....	6.25-6.50	5.75-6.00	5.25-5.50	4.75-5.00	4.50-4.75
June.....	6.00-6.25	5.50-5.75	5.00-5.25	4.50-4.75	4.00-4.50
July.....	6.00	5.00-5.50	5.00	4.50	4.00
August.....	6.00	5.50	5.00	4.50	4.00
September.....	6.00	5.50	5.00	4.50	4.00
October.....	6.00	5.50	5.00	4.50	4.00
November.....	6.00	5.50	5.00	4.50	4.00
December.....					
1918.					
January.....					
February.....					
March.....					
April.....					
May.....					
June.....					
July.....					
August.....	6.25	6.00	5.75	5.40	5.40
September.....	6.25	6.00	5.75	5.40	5.40
October.....	6.25	6.00	5.75	5.40	5.40

November
December

1919.

January	6.00-8.50	5.50-7.75	7.00-7.50	6.75-7.00	6.50-6.75
February	6.25-10.00	6.25-10.00	6.25-10.00	6.25-10.00	6.25-10.00
March	7.00-10.50	7.00-10.50	7.00-10.50	7.00-10.50	7.00-10.50
April	8.00-12.50	8.00-12.50	8.00-12.50	8.00-12.50	8.00-12.50
May	10.00-13.50	10.00-13.50	10.00-13.50	10.00-13.50	10.00-13.50
June	12.00-16.75	12.00-16.75	12.00-16.75	12.00-16.75	12.00-16.75

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TABLE No. 94.—Wholesale prices of important articles in the Manila market, 1916-1919—Continued.

G. SUGAR—Continued.

Month and year.	Iloilo.					Centrifugal.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	
	Per picul. ^a					
1916.						
January.....	Min. Max. P6.25- 6.50	Min. Max. P5.75- 6.00	Min. Max. P5.30- 5.50	Min. Max. P5.00	Min. Max. P4.75- 4.87	Min. Max. P4.75- 4.87
February.....	6.25	5.75	5.25- 5.50	5.00- 5.12	4.87- 5.00	4.87- 5.00
March.....	6.00- 6.25	5.50- 5.75	5.25- 5.40	5.00- 5.25	4.87- 5.00	4.87- 5.00
April.....	6.25- 6.50	5.75- 6.00	5.25- 5.37	4.75- 5.25	4.50- 5.00	4.50- 5.00
May.....	6.50- 7.00	6.00- 6.50	5.50- 5.75	5.12- 5.50	4.87- 5.25	4.87- 5.25
June.....	6.75- 7.25	6.25- 6.75	5.75- 6.00	5.00	5.25- 5.37	5.25- 5.37
July.....	7.25- 7.50	6.75- 7.00	6.00- 6.50	5.50- 5.75	5.25- 5.50	5.25- 5.50
August.....	7.25	6.75	6.25- 6.50	5.50- 5.75	5.25	5.25
September.....	7.25	6.75	6.25	5.50	5.25	5.25
October.....	7.50	7.00	6.50- 6.62	6.00- 6.12	5.50- 5.75	5.50- 5.75
November.....	7.00- 7.25	6.50- 6.75	6.00- 6.25	5.75	5.50	5.50
December.....						
1917.						
January.....	7.00- 7.25	6.50- 6.75	6.25	6.00	5.75	5.75
February.....	7.25	6.75	6.50	6.25	6.00	6.00
March.....	6.25- 7.25	6.00- 6.75	5.50- 6.50	5.50- 6.25	5.25- 6.00	5.25- 6.00
April.....	6.50- 7.00	6.00- 6.50	5.75- 6.00	5.50	5.25	5.25
May.....	6.50- 6.75	6.00- 6.50	5.75- 6.25	5.25- 6.00	5.00- 5.75	5.00- 5.75
June.....	6.50	6.00	5.75	5.25	5.00	5.00
July.....	6.50	6.00	5.50- 5.75	5.00- 5.25	4.50- 5.00	4.50- 5.00
August.....	6.50	6.00	5.50	5.00	4.50	4.50
September.....	6.50	6.00	5.25- 5.50	4.75- 5.00	4.25- 4.50	4.25- 4.50
October.....	6.50	6.00	5.25	4.75	4.25	4.25
November.....	6.00- 6.50	5.50- 6.00	5.00- 5.25	4.75	4.25	4.25
December.....	5.75- 6.00	5.25- 5.50	4.75	4.50	4.25	4.25
1918.						
January.....	6.00- 6.25	5.50- 5.75	4.75- 5.00	4.50	4.25	4.25
February.....	6.25	5.75	5.00	4.50- 4.75	4.25- 4.50	4.25- 4.50
March.....	6.00- 6.25	5.00- 5.75	5.00- 5.25	4.75- 5.00	4.50- 4.75	4.50- 4.75
April.....	6.00	5.50	5.25	5.00	4.75	4.75
May.....	5.75- 6.00	5.25- 5.50	4.75- 5.25	4.50- 5.00	4.25- 4.75	4.25- 4.75
June.....	5.75	5.25	4.75	4.50	4.25	4.25
July.....	5.75	5.25	4.75	4.50	4.25	4.25
August.....	5.75- 6.00	5.25- 5.50	4.75- 5.00	4.50- 4.75	4.25	4.25
September.....	6.00- 6.25	5.50- 5.75	5.00- 5.25	4.50- 4.75	4.25	4.25
October.....	6.00- 6.25	5.50- 5.75	5.00- 5.25	4.75	4.25	4.25
November.....	6.00- 6.25	5.50- 5.75	5.00- 5.25	4.75	4.25	4.25
December.....	6.00- 6.25	5.50- 5.75	5.00- 5.25	4.75	4.25	4.25

November December	6.75	6.25	6.00	5.75	5.50	10.50
1919.						
January.....	6.50-8.75	6.50-8.75	6.50-8.75	6.50-8.75	6.50-8.75	.....
February.....	7.00-10.00	7.00-10.00	7.00-10.00	7.00-10.00	7.00-10.00	.....
March.....	7.50-10.50	7.50-10.50	7.50-10.50	7.50-10.50	7.50-10.50	.....
April.....	9.00-13.00	9.00-13.00	9.00-13.00	9.00-13.00	9.00-13.00	15.50-18.50
May.....	10.50-13.75	10.50-13.75	10.50-13.75	10.50-13.75	10.50-13.75	16.00-22.00
June.....	12.50-18.00	12.50-18.00	12.50-18.00	12.50-18.00	12.50-18.00	18.00-22.00

^a One picul equals 63.25 kilos, and 1,000 kilos equals one metric ton.

NOTE.—For sources of the statistical data in this statement, see note in Table No. 94-A, page 201.

H. MISCELLANEOUS DOMESTIC ARTICLES.

Articles.	Unit.	Months, 1919. ^a					
		January.	February.	March.	April.	May.	June.
Butter.....	Pound.....	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.
Cement.....	Barrel.....	.....	.....	.....	.....	.....	.....
Coal.....	Ton.....	.....	.....	.....	.....	.....	.....
Cocoa or cacao.....	.....	.....	.....	.....	.....	.....	.....
Coffee.....	.....	.....	.....	.....	.....	.....	.....
Eggs.....	.....	.....	.....	.....	.....	.....	.....
Native.....	Hundred.....	.....	.....	.....	.....	.....	.....
Chinese.....	do.....	.....	.....	.....	.....	.....	.....
Flour.....	Sack.....	.....	.....	.....	.....	.....	.....
Gasoline.....	Case.....	.....	.....	.....	.....	.....	.....
Milk.....	Can.....	.....	.....	.....	.....	.....	.....
Onions.....	Kilo.....	.....	.....	.....	.....	.....	.....
Petroleum.....	Case.....	.....	.....	.....	.....	.....	.....
Potatoes.....	Kilo.....	.....	.....	.....	.....	.....	.....
Native.....	do.....	.....	.....	.....	.....	.....	.....
Imported.....	.....	.....	.....	.....	.....	.....	.....

^a Quotations for these articles prior to 1919 are not available, with the exception of coal.

^b The quotations for coal from 1908 to 1918 are as follows: (Prices are per long ton.)

1908.....	.....
1909.....	.....
1910.....	.....
1911.....	.....
1912.....	.....
1913.....	.....
1914.....	.....
1915.....	.....
1916.....	.....
1917.....	.....
1918.....	.....

NOTE.—For sources of the statistical data in this statement, see note in Table No. 94 -A, page 201.

TABLE NO. 95.—*Index numbers of principal articles, 1899-1919.**

Year.	Rice.	Hemp.	Coconut oil.	Copra.	Sugar.	Cigars.	All articles. ^b
1899	87.9	64.6		40.8	90.2	30.7	
1900	82.3	83.3		42.2	82.3	42.7	
1901	82.3	71.8		42.7	101.3	48.9	
1902	83.2	96.6		39.3	76.9	53.4	
1903	103.2	89.2		40.1	87.2	51.4	
1904	79.7	96.1		44.2	79.5	61.1	
1905	84.5	94.6		50.1	104.6	59.4	
1906	86.4	106.9		62.2	78.7	58.8	
1907	96.2	95.3		70.3	73.4	59.0	
1908	96.3	71.3		57.8	88.2	58.2	
1909	78.8	57.1		60.6	97.0	73.7	
1910	83.5	57.3		76.9	133.1	95.3	
1911	101.3	55.4		78.9	118.5	89.8	
1912	118.8	71.5	26.5	85.6	111.3	103.1	
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	92.9	93.6	95.9	78.7	104.6	95.2	94.6
1915	84.6	85.2	91.6	68.8	119.9	97.3	80.5
1916	94.4	110.3	106.6	84.8	123.1	93.8	124.1
1917	100.8	156.7	110.3	77.8	133.4	107.3	89.8
1918 ^c	122.9	195.0	120.1	81.2	129.4	125.9	180.8
January	131.1	217.5	115.2	74.5	135.3	116.7	122.4
February	113.1	216.5	105.0	78.7	167.4	119.9	194.5
March	105.2	225.3	112.7	81.8	135.5	99.2	176.5
April	109.6	225.6	123.0	85.6	105.2	139.5	211.2
May	102.8	189.7	117.0	86.0	102.2	115.5	151.5
June	115.4	185.1	123.1	85.0	140.1	129.8	209.1
1919—							
January	193.3	175.2	130.8		213.5	151.8	164.1
February	236.2	158.1	104.3	107.7	180.4	127.8	140.0
March	237.6	172.8	116.8	86.2	204.4	172.0	138.8
April	238.5	176.1	96.3	107.9	204.4	158.6	137.6
May	214.3	124.4	90.1	105.1	240.0	148.9	104.2
June	253.3	141.7	109.3	135.5	212.3	142.9	261.0

* In the absence of wholesale and retail prices covering a period of years sufficient to have a proper comparison, the export values are used here with the exception of rice in view of the fact that export prices usually tend to approximate the wholesale prices. The index numbers given are expressed in percentages on the annual *import* values of rice, and average annual *export* values of other articles.

The table gives an accurate idea of the rise and fall of prices in the Philippines, and may be explained as follows: In the first column, ₱87.90 in 1899 could buy as much rice as ₱78.80 could buy in 1909, ten years later, ₱122.90 in 1918, and ₱253.30 in June, 1919. Likewise, ₱90.20 in 1899 could buy as much sugar as ₱101.30 could buy in 1901, ₱104.60 in 1905, ₱133.10 in 1910, ₱119.90 in 1915, ₱129.40 in 1918, and ₱212.30 in June, 1919.

^b For twenty other articles.

^c For the whole year of 1918.

TABLE No. 96.—Average retail prices of foodstuffs in the markets of the city of Manila from 1913 to June 30, 1919.^a

Articles.	Unit.	1913			1914			1915			1916		
		First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.
Cereals and grains—													
Coffee.....	Liter	P0.37	P0.29	P0.24	P0.34	P0.30	P0.25	P0.38	P0.35	P0.28	P0.51	P0.41	P0.33
Corn (in ears).....	Hundred	1.27	.98	.85	1.18	1.03	.94	1.13	.96	.82	1.17	.89	.71
Corn (in grains)	Ganta												
Mongos.....	Liter	.06	.05	.04	.07	.05	.04	.06	.05	.05	.08	.07	.06
Rice.....	Ganta	.25	.21	.19	.24	.21	.18	.26	.24	.21	.25	.23	.21
Fish and other sea products—													
Bangos.....	One	32	22	15	28	22	16	26	20	15	37	26	20
Candole.....	do.	25	20	12	29	15	08	25	17	10	22	16	10
Crabs.....	do.	06	05	04	22	15	07	25	10	05	25	22	20
Dalag.....	do.	50	38	17	57	39	20	45	31	20	46	34	22
Shrimps ^b	Hundred	1.73	1.40	.83	1.69	1.33	.93	1.72	1.25	.87	1.76	1.47	1.11
Fowls—													
Chickens.....	One	43	37	33	43	35	30	33	32	28	35	28	25
Ducks.....	do.	1.88	1.54	1.18	2.22	1.86	1.74	1.95	1.61	1.36	1.83	1.56	1.04
Geese.....	do.	3.62	2.75	2.35	3.22	2.60	2.16	5.44	4.36	4.02	3.58	3.19	1.91
Gobblers.....	do.	6.25	5.00	4.50	5.32	4.52	3.72	5.43	5.31	4.55	5.42	4.33	3.59
Hens.....	do.	84	68	61	83	72	55	83	65	59	91	72	60
Hen turkeys.....	do.	3.38	2.88	1.88	3.22	2.72	2.33	3.36	2.81	2.31	2.79	2.25	1.29
Partridges.....	Dozen	.57	.49	.42	.58	.49	.42	.51	.50	.46	.58	.50	.38
Roosters.....	One	87	77	64	84	74	60	89	70	67	81	69	56
Wild ducks.....	do.	90	80	70	86	79	59	70	59	51	59	52	47
Fruits—													
Cajel.....	One	.03	.02	.02	.02	.02	.01	.04	.03	.03	.05	.04	.04
Chinese oranges.....	do.	.30	.20	.15	.27	.21	.20	.25	.25	.20	.27	.21	.20
Coconuts.....	do.	.05	.05	.04	.05	.05	.05	.06	.06	.04	.07	.06	.05
Condol.....	do.	.25	.21	.16	.30	.24	.19	.26	.21	.15	.26	.20	.14
Lactatan bananas.....	Hundred	2.74	1.95	1.51	1.63	1.23	.85	1.73	1.36	1.07	1.87	1.47	1.12
Lemons.....	do.	.92	.75	.57	.86	.72	.45	.80	.66	.52	.70	.59	.48
Mangos (ripe).....	One	.06	.06	.05	.10	.09	.05	.09	.09	.08	.15	.12	.10
Native oranges.....	do.	.07	.05	.04	.08	.07	.05	.08	.08	.08	.07	.05	.04
Papayas (ripe).....	do.	.08	.06	.04	.11	.08	.06	.10	.09	.09	.25	.19	.12
Meat—													
Bacon.....	Kilo	.58	.49	.46	.41	.38	.36	.60	.58	.55	.69	.60	.52
Beef, fresh.....	do.	.87	.79	.62	.84	.68	.53	.84	.67	.45	.89	.73	.67
Beef, frozen.....	do.	.74	.61	.49	.64	.53	.43	.73	.57	.42	.90	.70	.60
Chinese ham.....	do.	1.45	1.20	1.10	1.50	1.39	1.23	1.42	1.35	1.00	1.21	1.13	1.10
Pork.....	do.	.69	.60	.47	.70	.57	.45	.60	.48	.38	.65	.57	.46
Vegetables—													
Amargoso.....	One	.05	.04	.03	.05	.04	.03	.05	.05	.04	.05	.05	.04
Beans, French.....	Liter	.14	.11	.09	.15	.12	.10	.22	.20	.18	.25	.24	.20
Beans, native.....	Atado	.02	.02	.01	.04	.03	.02	.05	.04	.03	.06	.05	.04

^a Divisoria, Quinta, Paco, Sampaloc, Tondo, Obrero and Arranque markets.

TABLE No. 96.—Average retail prices of foodstuffs in the markets of the city of Manila from 1913 to June 30, 1919.—Continued.

Articles.	Unit.	1913			1914			1915			1916		
		First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.
Vegetables—Continued													
Cabbages.....	One	₱0.63	₱0.47	₱0.41	₱0.80	₱0.62	₱0.52	₱0.73	₱0.61	₱0.41	₱1.07	₱0.82	₱0.65
Eggplants.....	Hundred	18	15	13	20	16	14	16	12	10	17	16	14
Onions, Bombay.....	Kilo	.33	.18	.16	.35	.20	.18	.19	.14	.12	.20	.18	.15
Peas.....	Liter	.83	.70	.57	.93	.76	.56	1.60	1.30	1.15	1.10	.60	.48
Peppers, red.....	Hundred												
Potatoes.....	Kilo	.22	.17	.13	.23	.16	.12	.22	.19	.11	.24	.17	.13
Red squash.....	One	2.10	1.56	1.25	1.22	1.05	.92	1.12	.98	.86	.95	.68	.65
Sweet potatoes.....	Sack	1.85	.82	.74	1.49	1.10	.69	1.09	.84	.44	1.35	1.04	.71
Tomatoes.....	Hundred	.19	.16	.14	.25	.19	.13	.24	.17	.13	.24	.18	.15
White squash.....	One												
Miscellaneous foodstuffs—													
Condensed milk.....	Can							30	30	30	32	32	32
Eggs—Chinese.....	Hundred	3.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	2.00
Duck.....	Hundred	3.00	3.00	3.00	4.00	3.00	3.00	4.00	3.00	3.00	4.00	3.00	3.00
Native.....	Hundred	4.00	4.00	3.00	4.00	4.00	3.00	5.00	4.00	4.00	4.00	4.00	4.00
Flour.....	Liter	.06	.05	.04	.07	.06	.06	.08	.07	.06	.11	.10	.09
Sugar.....	Kilo	.27	.17	.16	.26	.21	.17	.25	.19	.16	.23	.20	.15
Refined sugar.....	do.												
Vinegar.....	Liter	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02
White salt.....	do.	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03
1919													
Articles.	Unit.	1917			1918			January.			February		
		First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.
Cereals and grains—													
Coffee.....	Liter	₱0.53	₱0.44	₱0.39	₱0.61	₱0.55	₱0.51	₱0.51	₱0.50	₱0.50	₱0.66	₱0.44	₱0.32
Corn.....	Hundred	1.41	.95	.73	1.53	1.22	1.20	2.32	2.02	1.46	3.09	2.51	1.80
Corn (in ears).....	Ganta							.28	.26	.26	.27	.27	.27
Mongos.....	Liter	.10	.09	.08	.13	.12	.11	.11	.10	.10	.21	.18	.18
Rice.....	Ganta	.30	.28	.26	.47	.42	.34	.52	.47	.40	.57	.53	.49
Fish and other sea products—													
Bangos.....	One	.41	.30	.25	.68	.55	.45	.93	.57	.26	.84	.62	.34
Candole.....	do.	.25	.18	.15	.35	.30	.26	.67	.40	.33	.51	.33	.13
Crabs.....	do.	.35	.30	.27	.50	.40	.37	.27	.26	.08	.32	.27	.16
Daig.....	do.	.32	.35	.32	.32	.30	.42	.93	.62	.24	1.29	.95	.53
Shrimps.....	Hundred	3.03	1.86	1.01	3.12	2.42	2.06	.93	.67	.65	.97	.90	.73

Fowl—	Chickens	42	38	60	50	42	79	62	58	75	60	56
	Ducks	1.59	1.15	3.67	1.91	1.23	2.32	1.77	1.97	2.42	2.03	1.40
	Geese	5.82	5.05	6.00	5.00	3.93	3.30	5.50	4.50	3.67	3.17	3.17
	Gobblers	3.99	3.62	1.47	1.23	2.14	2.14	1.74	1.41	1.87	1.58	1.29
	Hens	2.98	2.49	3.50	2.75	2.21	5.00	4.00	3.25	4.17	3.50	3.13
	Hen turkeys	62	56	1.30	1.07	60	1.80	1.20	1.20	1.63	1.43	1.12
	Partridges	85	71	1.21	1.07	85	1.78	1.46	1.17	1.13	1.00	1.90
	Roosters	74	55	.89	.67	.55	.96	.82	.72	.08	.06	.06
	Wild ducks	06	05	.07	.06	.05	.07	.05	.04	.08	.06	.06
	Cajal	.31	.25	.46	.40	.35	.32	.23	.21	.08	.30	.30
Fruits—	Chinese oranges	07	.06	.07	.06	.05	.07	.05	.04	.08	.06	.06
	Coconuts	29	.19	.35	.30	.20	.41	.30	.27	.08	.07	.06
	Condol.	1.86	1.40	2.27	2.00	1.20	3.00	2.00	1.00	2.50	1.99	1.60
	Lacatan bananas	1.21	.52	2.24	1.80	1.10	.84	.48	.24	.96	.60	.48
	Lemons	12	10	.25	.20	.18	.22	.16	.09	.19	.14	.10
	Mangos (ripe)	10	.08	.25	.20	.15	.10	.08	.06	.10	.10	.10
	Native oranges	.10	.08	.27	.20	.20	.10	.08	.06	.10	.10	.10
	Papayas (ripe)	.20	.18	.30	.24	.20	.25	.21	.14	.23	.16	.11
	Bacon	1.12	.78	1.04	1.00	.90	.95	.95	.95	1.00	1.00	1.00
	Beef, fresh	1.09	.84	1.35	1.15	1.04	1.47	1.22	1.00	1.40	1.16	.94
Meat—	Beef, frozen	.92	.77	1.20	1.01	.88	1.17	.94	.73	1.33	1.10	1.10
	Chinese ham	1.61	1.41	1.73	1.44	1.23	1.93	1.89	1.89	2.00	2.00	2.00
	Pork	.74	.61	1.21	1.03	.88	1.41	1.13	.93	1.23	.96	.89
	Vegetables—											
	Amargoso	.07	.05	.08	.07	.06	.06	.04	.03	.07	.05	.04
	Beans, French	.32	.25	.27	.24	.23	.50	.50	.50	.42	.42	.40
	Beans, native	.07	.06	.12	.09	.08	.06	.04	.02	.05	.03	.02
	Cabbages											
	Onions, Bombay	1.56	.95	2.72	1.92	1.27	.50	.40	.40	4.00	3.00	2.00
	Peas	.25	.20	.25	.23	.18	.22	.25	.19	.28	.28	.28
Vegetables—	Peppers, red	.24	.22	.25	.23	1.40	.28	.25	.25	.25	.20	.20
	Potatoes	1.15	.96	3.12	2.21	1.40	3.00	2.00	1.00	3.00	2.00	2.00
	Red squash	.18	.18	.25	.22	.25	.15	.15	.15	.20	.20	.20
	Sweet potatoes	.30	.21	.37	.30	.25	.25	.19	.13	.23	.18	.13
	Tomatoes	1.33	1.04	1.48	1.09	.94	.59	.72	.65	1.68	1.42	1.28
	White squash	1.45	1.00	1.96	1.40	1.10	2.76	1.76	.90	2.13	1.33	.72
	Miscellaneous foodstuffs—	.27	.25	.34	.28	.20	.35	.26	.21	.29	.20	.16
	Condensed milk											
	Eggs—Chinese	.35	.35	.50	.50	.49	.52	.50	.49	.52	.50	.49
	Duck	3.00	3.00	4.00	4.00	3.00	4.62	4.25	3.37	6.67	6.00	5.50
Miscellaneous foodstuffs—	Native	4.00	4.00	5.00	5.00	4.00	6.37	5.50	5.25	7.67	7.00	6.50
	Flour	5.00	4.00	6.00	5.00	5.00	6.62	6.00	5.50	8.17	7.67	7.17
	Sugar	1.15	.12	.18	.15	.13	.11	.09	.09	.12	.10	.10
	Refined sugar	.24	.21	.27	.22	.20	.30	.21	.16	.34	.27	.22
	Vinegar	.34	.33	.36	.35	.34	.36	.34	.32	.36	.36	.36
	White salt	.02	.02	.03	.03	.03	.04	.04	.02	.06	.06	.06
	White salt	.05	.04	.06	.06	.06	.05	.05	.05	.06	.06	.06
	White salt											
	White salt											
	White salt											

a Divisoria, Quinta, Paco, Sampaloc, Tondo, Obrero and Arranque markets.

TABLE No. 96.—Average retail prices of foodstuffs in the markets of the city of Manila from 1913 to June 30, 1919^a—Continued.

Articles.	Unit.	1919											
		March.			April.			May.			June.		
		First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.	First class.	Second class.	Third class.
Cereals and grains—													
Coffee.....	Liter.	P0.61	P0.54	P0.50	P0.67	P0.64	P0.63	P0.69	P0.68	P0.65	P0.68	P0.65	P0.50
Corn (in ears).....	Hundred.	2.87	2.17	1.50	3.30	2.66	1.83	5.00	3.75	3.25	3.75	3.25	2.25
Corn (in grains).....	Ganta.	.27	.26	.26	.32	.31	.31	.39	.36	.36	.36	.36	.36
Mongos.....	Liter.	.12	.09	.09	.19	.19	.18	.18	.18	.18	.18	.18	.18
Rice.....	Ganta.	.57	.54	.49	.59	.55	.52	.59	.69	.65	.69	.65	.62
Fish and other sea products—													
Bangos.....	One	.97	.65	.40	.81	.78	.44	.82	.79	.59	.79	.59	.39
Candole.....	do.	.44	.34	.18	.54	.37	.22	.48	.46	.31	.46	.31	.19
Crabs.....	do.	.24	.14	.06	.37	.27	.18	.38	.36	.28	.36	.28	.17
Dalag.....	do.	1.70	.87	.54	1.04	.76	.48	1.04	.94	.68	.94	.68	.40
Shrimps.....	Hundred	1.08	.94	.85	1.12	.90	.81	1.05	1.25	1.08	1.25	1.08	1.04
Fowls—													
Chickens.....	One	.69	.59	.32	.75	.63	.50	.71	.75	.62	.75	.62	.50
Ducks.....	do.	2.37	1.98	1.52	1.95	1.43	.86	2.31	2.19	1.70	2.19	1.70	1.28
Geese.....	do.	3.67	2.63	2.15	3.50	3.00	3.00	3.23	3.50	3.00	3.50	3.00	2.50
Gobblers.....	do.	8.00	6.00	5.00	7.50	6.50	5.50	7.25	8.00	7.00	8.00	7.00	6.13
Hens.....	do.	1.83	1.62	1.40	1.71	1.50	1.28	1.68	1.69	1.47	1.69	1.47	1.27
Hen turkeys.....	do.	3.50	3.00	3.00	3.00	2.50	2.00	2.88	3.00	2.50	3.00	2.50	2.00
Partridges.....	Dozen												
Roosters.....	One	1.43	1.23	1.03	1.50	1.26	1.05	1.48	1.53	1.29	1.53	1.29	1.10
Wild ducks.....	do.	1.09	1.05	.92	.76	.63	.53	.81	1.07	.90	1.07	.90	.68
Fruits—													
Cajal.....	One	.03	.02	.02	.15	.10	.10	.25	.23	.08	.23	.08	.08
Chinese oranges.....	do.												
Coconuts.....	do.	.07	.07	.05	.08	.07	.06	.08	.09	.07	.09	.07	.06
Condol.....	do.	.21	.18	.15	.39	.33	.24	.33	.43	.38	.43	.38	.29
Lactan bananas.....	Hundred	2.06	1.73	1.42	2.61	2.04	1.48	2.68	2.72	2.02	2.72	2.02	1.63
Lemons.....	do.	.72	.48	.36	6.50	4.70	3.70	6.60	5.07	3.71	5.07	3.71	2.82
Mangos (ripe).....	One	.16	.12	.10	.25	.18	.13	.18	.20	.15	.20	.15	.09
Native oranges.....	do.	.03	.03	.03	.10	.10	.10	.13	.15	.09	.15	.09	.09
Papayas (ripe).....	do.	.18	.13	.09	.24	.18	.11	.20	.40	.29	.40	.29	.18
Meat—													
Bacon.....	Kilo				.81	.40	.40	.91	.81	.40	.81	.40	.40
Beef, fresh.....	do.	1.43	1.17	.97	1.57	1.32	1.11	1.57	1.43	1.07	1.43	1.07	.77
Beef, frozen.....	do.	1.23	1.07	.90	1.67	1.23	0.90	1.39	1.41	1.06	1.41	1.06	.78
Chinese ham.....	do.	1.72	1.72	1.72	1.95	1.95	1.95	1.91	1.98	1.98	1.98	1.98	1.98
Pork.....	do.	1.26	1.08	.66	1.27	1.08	.93	1.27	1.23	1.06	1.23	1.06	.94

Vegetables—											
Amaroso...	05	03	02	08	06	04	08	05	04	07	05
Beans, French	45	45	45	37	37	37	53	49	48	38	36
Beans, native	04	03	02	07	04	03	07	04	03	06	03
Cabbages											
Eggplants											
Onions, Bombay	3 00	2 00	1 00	3 33	2 05	1 38	3 12	2 03	1 50	2 28	1 45
Peas	28	27	27	45	45	45				44	44
Peppers, red	3 00	2 00	2 00	2 90	2 00	1 20	2 50	1 65	24	2 51	1 53
Potatoes				22	22	22	18	18	18	19	18
Red squash	21	16	12	41	30	20	35	28	20	39	30
Sweet potatoes	1 83	1 47	1 33	1 95	1 80	1 79	2 13	1 80	1 60	2 40	2 13
Tomatoes	1 79	1 08	66	1 80	1 05	66	2 33	1 50	87	2 48	1 64
White squash	28	20	18	43	33	23	40	30	24	41	32
Miscellaneous foodstuffs—											
Condensed milk	51	50	50	53	53	53	55	54	54	52	52
Eggs—Chinese	5 50	5 33	5 17	4 72	4 35	4 30	4 86	4 57	4 56	4 85	4 30
Duck	7 17	7 00	6 33	5 99	5 58	5 50	6 02	5 88	5 67	5 77	5 00
Native	7 33	7 00	6 50	6 11	5 35	5 10	6 13	5 66	5 32	6 25	5 50
Flour	11	10	10	16	16	16	16	10	10	16	16
Sugar	29	24	22	32	27	23	35	33	21	41	35
Refined sugar											
Vinegar	04	04	04				04	04	04	03	03
White salt	03	03	02				05	05	05	05	05

^a Divisoria, Quinta, Paco, Sampaloc, Tondo, Obrero and Arranque.

^b Price of shrimp during 1919 is per kilo.

TABLE No. 97.—*Number and area of agricultural public lands disposed of in homesteads, sales, leases, and free patents, by provinces, from 1904 to 1918, inclusive.*

[Source: Bureau of Lands.]

Provinces.	Homesteads.				Sales.			
	Applications received.		Entries allowed.		Applications received.		Accomplished.	
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
Abra.....	43	Hectares.	27	Hectares.	4	Hectares.	2	Hectares.
Agusan.....	1,008	13,946	487	6,291	61	2,968	19	931
Albay.....	644	6,531	269	6,291	49	414	8	127
Ambo Camarines.....	2,421	26,868	799	9,502	72	769	16	152
Antique.....	1,387	4,847	194	2,486	28	154	12	149
Bataan.....	1,108	13,577	524	7,119	114	1,058	38	495
Batanes.....	82	910	61	672	6	38	3	19
Batanga.....	14	108	3	9	1	16	.....	.....
Bohol.....	180	2,665	78	1,227	22	145	1	16
Bukidnon.....	356	4,759	199	2,337	4	48	.....	.....
Bulacan.....	263	3,601	115	1,507	19	229	6	57
Cagayan.....	2,622	36,933	1,464	21,098	144	3,274	41	2,181
Capiz.....	529	7,689	203	2,936	17	176	1	10
Cavite.....	144	1,386	45	348	2	18	.....	.....
Cebu.....	1,797	17,157	541	6,770	33	119	4	29
Cotabato.....	1,372	17,974	622	9,233	53	1,713	14	196
Davao.....	676	9,169	331	4,331	142	24,843	27	8,019
Ilocos Norte.....	1,209	13,932	583	6,573	84	871	16	178
Iloilo.....	2,205	3,080	75	1,046	111	976	16	133
Isabela.....	1,648	17,525	924	9,653	21	131	2	(b) 244
Laguna.....	346	4,445	68	839	66	847	8	44
Lanao.....	522	6,267	187	2,510	11	229	4	41
La Union.....	675	7,074	323	3,428	23	1,262	7	657
Leyte.....	1,400	18,093	603	7,680	31	187	6	28
Manila.....	2,772	41,679	1,183	17,495	71	626	4	16
Mindoro.....	173	7,219	82	1,015	2	(b) 4,976	.....	.....
Misamis.....	579	7,525	294	3,911	104	4,976	20	502
Mountain.....	13,266	172,727	5,402	69,717	6	56	1	16
Nueva Ecija.....	871	7,932	396	3,740	36	370	8	96
Nueva Vizcaya.....	2,690	54,006	994	22,019	763	10,277	198	3,376
Occidental Negros.....	90	4,905	18	125	79	511	6	60
Oriental Negros.....	1,307	17,778	675	9,393	48	1,326	6	172
Palawan.....	252	3,292	97	1,317	6	27	2	13
Pampanga.....	2,775	31,431	1,170	14,408	38	2,438	23	1,378
Pangasinan.....	.....	.....	.....	.....	26	373	1	50
.....	.....	.....	.....	.....	272	2,216	14	83

Rizal	655	9,209	307	4,327	85	1,012	24	633
Romblon	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Samar	354	4,668	102	1,219	6	91	1	16
Sorsogon	1,740	22,016	698	9,236	73	690	11	168
Sulu	248	3,236	78	1,099	8	93	1	11
Surigao	167	1,608	54	625	7	39		
Tarlac	2,550	33,531	1,248	17,309	180	3,029	41	495
Tayabas	7,249	83,268	3,093	34,455	425	7,080	86	3,108
Zamboales	934	12,184	354	5,762	88	4,822	14	165
Zamboanga	2,063	25,131	1,031	11,828	178	6,193	29	361
Total	60,392	780,478	26,001	339,481	3,619	86,774	744	24,298

* See Capiz.

b Less than one hectare.

Presented to
BUREAU OF INTERNATIONAL RELATIONS
University of California

TABLE No. 97.—Number and area of agricultural public lands disposed of in homesteads, sales, leases, and free patents, by provinces, from 1904 to 1918, inclusive—Continued.

Provinces.	Leases.				Free patents.			
	Applications received.		Executed.		Applications received.		Issued.	
	Area.		Area.		Area.		Area.	
	Number.	Hectares.	Number.	Hectares.	Number.	Hectares.	Number.	Hectares.
Abra.....	1	5			1	(b) 374		15
Agusan.....	30	15,876	7	6,798	93	374	2	15
Albay.....	3	57			69	393	19	123
Ambo Camarines.....	8	3,166			335	2,474	61	514
Antique.....	1	71			108	1,296	2	15
Bataan.....	24	4,606	4	708	208	583	58	207
Batanes.....	2	13			88	161	19	15
Batangas.....					12	14		
Bohol.....	6	2,086						
Bukidnon.....	8	6,353	7	6,337	508	2,157	24	38
Bulacan.....	2	239			901	1,496	648	497
Cagayan.....	1	200			72	615	30	242
Capiz.....	2	3			2	7		
Cavite.....					51	339	10	71
Cebu.....	9	358			1,129	5,859		
Cotabato.....	26	13,414	1	46			4	58
434		160,467	45	13,615	56	402	6	31
Davao.....	4	1,264			31	498	18	76
Ilocos Norte.....	1	1			78	350		
Ilocos Sur.....	1	160			384	2,872	7	10
Iloilo.....	10	2,433			891	2,519	275	742
Isabela.....	3	186	1	64	134	423	15	20
Laguna.....	6	1,756	2	888	903	3,433		
Lanao.....	11	810			409	2,636	74	253
La Union.....	8	610			215	1,435	51	262
Leyte.....								
Manila.....	37	16,107	6	3,269	79	640	54	460
Mindoro.....	6	2,166			37	125	6	23
Misamis.....	8	1,123			1,692	5,689	560	1,865
Mountain.....	300	54,673	20	3,898	365	1,771	84	423
Nueva Ecija.....	8	650			2,841	5,017	2,225	4,182
Nueva Vizcaya.....	16	2,481			823	4,649	31	313
Occidental Negros.....	3	12			1,537	2,485		
Oriental Negros.....	32	11,994	5	445	2,117	5,851	489	1,599
Palawan.....	10	3,543	1	66				
Pampanga.....								

Pangasinan	29	2,635	1	8	903	4,355	94	210
Rizal	15	746	2	11	358	1,180	118	481
Romblon	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Samar								
Sorsogon	10	602	1	3	30	145	741	3,078
Sulu	1	36	1	36	1,588	8,016		
Surigao	2	(b)			851	4,103		
Tarlac	118	11,113			32	235		
Tayabas	12	4,350	2	40	431	3,044	109	624
Zambales	27	6,389	1	88	2,003	7,090	549	2,214
Zamboanga	23	8,004			212	1,029	31	162
			4	2,180	53	1,346	12	79
Total	1,258	340,758	111	38,500	22,610	86,346	6,426	18,902

* See Capiz.

b Less than one hectare.

TABLE No. 98.—Number of cadastral cases filed, and approximate number of lots and total area covered, 1907-1918.

[Source: General Land Registration Office.]

Provinces.	Number filed.												Total.
	1907-1915			1916			1917			1918			
	Cases.	Lots.	Area.	Cases.	Lots.	Area.	Cases.	Lots.	Area.	Cases.	Lots.	Area.	
Albay	1	821	Hectares. 254.96	1	907	Hectares. 536.18	1	3	647.40	2	1,728	Hectares. 791.14	
Bataan	3	1,475	1,308.12	2	3	7,687.78	1	10	1,552.68	4	1,478	1,955.52	
Cagayan	1	10	1.89	1	1	1	1	1	1	2	20	3	
Camarines	3	993	398.82	1	1	1	1	1	1	3	993	1,554.57	
Cavite	12	12,562	8,806.87	1	1	1	1	1	1	3	12,562	8,806.87	
Cebu	7	6,418	1,401.16	1	1	1	1	1	1	7	6,418	1,401.16	
Ilocos Norte	1	13	81.71	1	1	1	1	1	1	1	13	81.71	
Ilocos Sur	30	23,810	26,170.18	1	1	1	1	443	1,087.30	30	23,810	26,170.18	
Iloilo	2	155	23.02	1	1	1	1	475	43.71	1	443	1,087.30	
Laguna	16	1,009	111.92	10	1,833	228.33	3	3	1	3	157	23.31	
Leyte	2	92	46.28	1	1	1	1	1	1	38	4,846	547.00	
Manila	2	92	46.28	1	1	1	1	1	1	2	92	a 46.28	
Mindoro	3	833	8,173.21	2	1,751	20,802.72	2	1,783	14,548.71	1	1	1.95	
Nueva Ecija	1	492	124.85	4	4,706	61,487.78	2	1,945	26,531.40	7	4,367	43,524.64	
Nueva Vizcaya	9	9,334	28,163.19	2	235	7.55	7	6,289	37,965.78	1	492	124.85	
Occidental Negros	4	339	150.22	1	1	1	1	1	1	17	17,824	130,898.96	
Oriental Negros	32	25,996	28,202.42	1	1	1	1	1	1	7	6,660	9,413.84	
Palawan	6	3,360	3,389.85	2	22	8,929.56	1	1	15.45	6	574	157.77	
Pampanga	3	138	1,374.32	2	1,671	3,142.46	2	2,136	11,618.39	14	13,166	53,100.94	
Pangasinan	3	138	1,374.32	2	1,671	3,142.46	2	2,136	11,618.39	33	25,997	28,217.87	
Rizal	3	138	1,374.32	2	1,671	3,142.46	2	2,136	11,618.39	7	3,382	12,319.41	
Sulu	3	138	1,374.32	2	1,671	3,142.46	2	2,136	11,618.39	1	629	4,093.67	
Tarlac	3	138	1,374.32	2	1,671	3,142.46	2	2,136	11,618.39	7	3,945	16,135.17	

Tayabas	1	12	301.17	1	1	1	139.96	2	13	441.13
Union	10	5,922	10,592.93	1	1	1	534.62	1	1	534.62
Zamboanga								10	5,922	10,592.93
Total	147	93,784	119,077.09	25	22	13,087	94,102.73	221	135,536	360,059.39

^a Area of 77 lots, G. L. R. O. Case No. 9560, municipality of Calapan, Mindoro, not available.

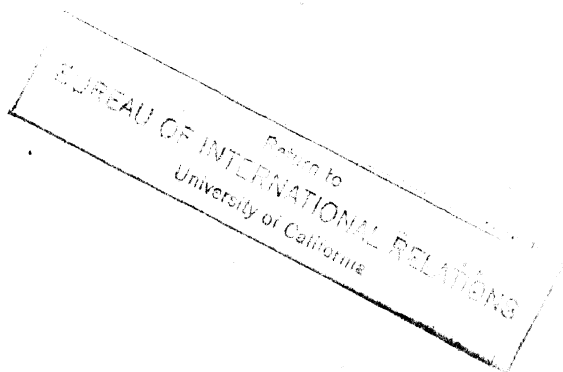


TABLE No. 99.—*Meteorological data for the Manila Central Observatory, 1885–1919.*^a

[Source: Weather Bureau.]

Year.	Pressure (mean).	Air temperature. ^b				Relative humidity (mean).	Vapor pressure (mean).	Evapora- tion free ex- posure (mean).	Wind velocity (mean).	Sunshine (total).	Rainfall (total).
		Mean.		Minimum.							
		Mean.	Maximum.	°C.	°C.	Per cent.	mm.	mm.	Km.	h.	m.	mm.
1885	760.49	26.7	31.0	22.8	76.4	19.7	(c)	(c)			906.5
1886	59.84	26.6	30.9	22.9	79.7	20.6	(c)	(c)			1,601.6
1887	59.19	26.6	30.9	22.8	83.8	21.5	(c)	(c)			2,267.7
1888	59.54	26.9	31.4	22.8	80.1	21.1	(c)	(c)			1,807.1
1889	59.42	27.4	32.0	23.3	80.4	21.6	(c)	(c)			1,732.6
1890	58.96	26.6	31.1	22.7	79.5	20.5	(c)	(c)	2,277	61	2,095.0
1891	59.40	26.8	31.0	22.8	78.1	20.3	(c)	(c)	2,158	92	2,583.7
1892	58.90	26.9	31.3	22.9	78.3	20.4	(c)	(c)	2,101	19	1,282.6
1893	59.06	26.6	30.9	22.6	78.7	20.2	(c)	(c)	2,116	95	1,441.4
1894	58.95	26.6	31.0	22.7	78.3	20.1	(c)	(c)	2,174	51	1,678.4
1895	59.01	26.7	31.3	22.6	79.4	20.6	(c)	(c)	2,286	40	2,084.7
1896	59.33	26.8	31.2	22.7	79.6	20.7	(c)	(c)	2,176	65	1,785.3
1897	59.19	27.4	31.8	23.4	78.5	21.1	(c)	(c)	2,392	83	1,803.5
1898	58.24	26.8	30.7	23.1	81.4	21.2	(c)	(c)	2,191	48	2,226.7
1899	58.83	26.6	30.7	22.9	80.1	20.7	(c)	(c)	2,225	60	2,794.3
1900	59.22	27.3	31.6	23.0	79.6	21.3	(c)	(c)	2,556	49	2,125.7
1901	59.13	26.9	31.2	22.3	79.4	20.8	(c)	(c)	2,186	6	1,851.7
1902	59.32	26.7	31.0	21.9	78.8	20.4	(c)	(c)	2,250	5	1,716.7
1903	59.18	27.2	31.8	22.0	74.8	19.9	(c)	(c)	2,244	50	1,030.4
1904	58.69	26.1	31.0	21.8	79.5	19.9	(c)	(c)	2,183	20	2,136.8
1905	59.46	26.4	31.7	21.4	79.6	20.2	(c)	(c)	2,369	9	1,826.0
1906	58.72	26.9	31.8	21.8	79.9	20.8	(c)	(c)	2,483	0	2,270.5
1907	58.71	26.4	31.4	21.9	79.2	20.1	(c)	(c)	2,315	50	1,840.8
1908	58.67	26.2	31.4	22.0	80.8	20.2	(c)	(c)	2,061	55	2,481.0
1909	58.54	26.4	31.7	22.3	79.5	20.2	(c)	(c)	a1,793	05	1,836.7
1910	58.58	26.2	31.7	22.4	80.8	20.2	99.8	5.539	1,971	00	1,927.7
1911	58.93	26.1	31.9	21.9	79.5	19.8	107.2	6.695	2,138	15	1,717.6
1912	59.20	26.6	32.5	22.4	77.4	19.7	128.6	6.502	2,076	00	1,929.0
1913	59.50	26.2	31.9	22.3	80.0	20.0	106.2	5.955	1,943	00	1,921.3
1914	59.67	26.3	32.4	22.2	78.3	19.7	126.0	6.299	2,288	01	2,435.1
1915	58.92	26.9	32.6	22.9	79.0	20.6	126.0	5.836	2,123	15	1,914.9
1916	58.14	26.2	31.5	22.6	81.6	20.5	99.5	5.431	1,865	25	1,642.4
1917	58.46	26.3	36.0	22.6	82.2	20.6	95.5	5.289	1,861	40	2,329.4
1918	59.01	25.9	31.1	21.9	80.5	19.9	110.6	6.453	1,971	00	2,159.3

1919—	62.64	24.3	30.8	19.2	78.4	17.5	114.2	154.9	206	25	6.6
January.....	62.19	25.2	32.0	19.6	72.8	17.0	141.4	213.5	226	30	10.7
February.....	61.06	26.7	34.2	20.3	66.6	16.9	206.0	224.4	268	50	1.9
March.....	59.36	29.0	36.1	23.0	65.5	19.0	228.0	208.0	285	55	.09
April.....	58.09	29.1	35.6	24.1	73.1	21.4	184.4	193.6	235	15	144.3
May.....	57.20	27.6	32.0	24.4	82.4	22.4	95.6	238.0	169	00	265.7
June.....											

^a All the mean values given in this table are deduced from hourly observations.

^b Taken from instruments mounted in the Observatory Park, 1.5 meters above ground.

^c No data available.

^d For eleven months only.

TABLE NO. 100.—*Monthly rainfall in typical stations of the Philippines, 1902-1919.*A. LEGASPI, ALBAY—FIRST TYPE.^a

[Source: Weather Bureau.]

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1902	mm. 649.7	mm. 475.7	mm. 272.8	mm. 487.8	mm. 188.0	mm. 162.1	mm. 307.4	mm. 116.9	mm. 230.4	mm. 336.5	mm. 173.2	mm. 289.0	mm. 3,689.5
1903	128.4	130.0	95.9	116.9	81.4	99.0	194.0	80.3	124.3	261.4	442.8	1,130.6	2,885.0
1904	799.3	544.9	126.3	168.8	262.3	396.6	67.6	100.6	329.7	619.7	228.0	168.0	3,811.8
1905	125.3	41.4	23.0	39.8	87.9	87.2	221.0	287.8			89.0	232.6	b 1,235.0
1906	525.2	49.1	254.9	61.9	159.9	258.5	259.4	210.1	509.0	396.2	395.8	275.5	3,355.5
1907	626.6	274.2	98.0	115.2	101.3	168.9	287.3	299.0	176.9	136.1	502.6	75.8	3,534.7
1908	303.4	436.1	345.5	131.2	141.7	259.5	237.5	145.4	427.5	238.7	414.5	646.5	3,727.5
1909	284.3	462.7	207.1	37.7	86.3	134.9	447.7		230.4	452.7	566.1	648.9	3,579.1
1910	636.5	370.9	348.8	218.3	51.3	154.5	199.3	183.9	258.5	420.5	536.8	653.5	4,087.5
1911	168.8	378.4	136.5	387.0	116.5	154.5	311.1	145.6	198.2	94.4	184.4	71.7	2,342.1
1912	77.8	252.6	76.0	105.6	32.0	100.6	265.9	315.7	160.0	332.6	332.4	574.5	2,615.7
1913	226.3	182.6	91.9	182.3	314.6	56.0	344.6	195.1	119.4	495.4	319.1	359.3	2,886.6
1914	210.5	42.6	119.4	141.0	67.7	271.8	191.7	83.9	228.1	150.5	211.0	169.8	1,888.0
1915	143.9	45.4	55.3	58.1	62.3	283.8	186.2	178.1	261.0	364.7	346.3	786.9	2,772.0
1916	606.7	168.3	103.9	121.1	477.9	216.3	173.4	146.2	318.2	453.2	268.5	474.9	3,528.6
1917	788.6	736.8	459.7	64.1	63.5	106.8	206.9	112.4	351.4	401.9	477.8	548.5	4,311.4
1918	389.5	255.8	207.4	74.2	30.5	509.8	113.4	234.9	92.2	114.0	265.0	320.6	2,607.3
1919	65.4	134.2	74.2	44.6	80.3	258.5							c 657.2

^a The Director of Weather Bureau, Rev. José Algue, classifies climatic conditions in the Philippine Islands which, he states, are controlled by the distribution of rainfall into three types, viz., first, second and third types.

The regions which enjoy the climatic conditions of the first type are:

The southeast end of Luzon or the Provinces of Albay and Sorsogon.

The Province of Ambos Camarines and adjacent islands.

The Island of Catanduanes.

The eastern coast of Luzon from the seashore to the range of mountains in the Province of Tayabas, eastern Isabela, and the eastern Cagayan.

The northern and eastern coast of Samar and adjacent islands.

The San Bernardino Strait and adjacent islands.

The eastern coast of Leyte and adjacent islands.

Dinagat and Siargao and adjacent islands.

The small islands on the interisland sea between Panay and Luzon east of longitude 122 degrees East. (South of parallel 10 degrees North).

The peninsula of Surigao to the mouth of Agusan River.

The eastern coast of Mindanao and the great valley of the Agusan River.

On the northern coast of Mindanao, the most northern parts of Misamis Province, and adjacent islands.

All these regions are easily accessible to wet currents direct from the Pacific.

Rainfall.	{	Heaviest.....	November, December, January, February.
		Regular.....	July, August, September, October.
		Mildest.....	March, April, May, June.
		Total yearly, 2,766 mm.	

No dry season.

^b For ten months only.

^c From January to June, only.

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TABLE NO. 100.—Monthly rainfall in typical stations of the Philippines, 1874-1919—Continued.

B. MANILA—SECOND TYPE.^a

[Source: Weather Bureau.]

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
1874	13.9	5.0	2.2	17.7	37.2	110.3	284.4	422.0	115.6	138.2	45.5	15.0	1,207.0
1875	99.2	28.3	24.2	2.3	0.0	49.4	49.4	400.7	486.9	134.2	98.6	32.9	1,686.9
1876	28.4	3.6	9.4	29.8	185.7	222.1	470.1	339.6	520.3	58.2	61.5	61.8	1,990.2
1877	2.8	0.0	0.2	0.0	200.4	233.9	602.0	1095.6	93.6	239.4	50.1	6.8	2,525.0
1878	1.5	7.5	10.8	5.5	76.2	207.2	239.1	220.5	399.6	99.6	122.4	89.6	1,479.5
1879	55.2	39.6	11.3	119.8	108.9	96.5	143.4	290.7	316.4	147.8	397.8	5.0	1,726.9
1880	42.3	11.6	15.6	136.4	21.0	205.5	809.8	493.8	349.6	172.8	106.7	36.4	2,406.5
1881	4.1	0.0	9.2	7.1	174.2	438.0	486.7	446.7	255.7	155.5	64.9	91.2	2,122.3
1882	9.5	28.0	30.7	40.8	131.9	235.1	578.6	306.3	327.5	320.3	177.4	104.9	2,286.0
1883	195.2	15.4	23.0	75.3	123.7	212.9	754.6	256.5	353.4	162.0	72.5	3.2	2,247.7
1884	0.5	0.4	5.5	0.0	96.4	297.8	721.0	267.5	194.2	47.5	149.1	61.7	1,901.6
1885	2.0	3.0	0.0	22.8	1.2	169.5	313.9	170.7	50.8	111.6	67.5	3.5	906.5
1886	3.0	16.5	0.0	31.4	107.1	219.9	225.9	248.4	233.1	363.5	57.5	89.3	1,601.6
1887	13.4	4.8	100.2	27.2	256.9	135.7	378.7	142.8	738.0	210.9	141.9	117.2	2,267.7
1888	16.0	0.0	18.8	14.3	28.2	265.4	680.6	355.2	138.1	200.2	53.4	36.9	1,807.1
1889	98.1	10.8	4.8	3.5	0.0	167.7	292.9	339.0	117.5	198.8	152.6	346.9	1,732.6
1890	41.1	15.6	16.4	77.3	69.6	255.5	498.8	130.8	536.7	224.9	209.9	45.4	2,095.0
1891	18.7	1.8	4.1	4.0	97.7	655.5	642.7	276.1	477.8	39.5	306.6	59.2	2,583.7
1892	43.7	17.1	27.1	13.8	76.2	114.2	231.0	151.0	377.2	77.7	100.7	52.9	1,282.6
1893	14.2	5.7	18.0	20.8	184.5	24.8	234.2	276.8	475.1	83.8	94.2	9.3	1,441.4
1894	10.0	3.3	61.9	22.1	108.1	281.3	209.9	189.5	399.2	224.6	59.9	108.6	1,678.4
1895	26.7	1.6	11.4	5.6	246.8	539.5	178.6	349.4	463.8	78.3	167.6	15.4	2,084.7
1896	1.0	7.6	10.6	4.9	168.8	156.6	221.8	650.2	424.6	109.2	29.8	0.2	1,785.3
1897	12.3	0.0	22.4	25.6	36.3	96.0	288.1	263.6	263.2	121.7	73.9	142.8	1,303.5
1898	54.2	10.3	65.6	35.5	167.1	329.6	288.1	414.3	325.1	245.2	277.6	14.1	2,226.7
1899	42.4	3.0	29.9	70.4	65.3	217.3	1,190.9	385.0	385.0	79.8	227.1	143.1	2,794.3
1900	3.2	3.5	15.4	2.2	49.2	415.0	186.9	770.9	288.0	175.9	148.8	66.7	2,125.7
1901	0.1	9.7	16.1	12.2	71.6	155.2	228.6	341.5	151.6	457.3	310.8	97.0	1,851.7
1902	27.2	1.0	7.6	13.1	51.4	311.3	289.2	300.2	523.3	69.6	71.1	57.6	1,716.7
1903	25.3	8.9	0.0	13.1	15.1	100.2	267.2	180.9	149.7	75.7	45.8	148.5	1,080.4
1904	34.8	27.1	11.2	30.8	70.4	437.1	682.2	219.6	382.4	139.7	81.3	20.2	2,136.8
1905	0.0	2.8	1.1	173.8	24.0	364.2	594.4	212.8	239.6	174.0	10.5	27.8	1,825.0
1906	12.7	13.4	9.3	4.9	358.4	154.9	310.2	362.4	471.5	322.7	205.5	44.6	2,270.5
1907	21.4	1.5	7.2	4.9	62.2	146.7	504.0	473.9	278.7	221.9	44.1	74.3	1,840.8
1908	18.9	29.6	64.7	0.0	476.5	157.0	290.6	645.0	225.5	238.6	218.5	116.1	2,481.0
1909	46.8	19.1	59.3	35.4	98.0	165.7	561.8	71.1	358.3	165.0	136.3	124.9	1,836.7
1910	6.2	11.1	16.0	94.1	192.5	79.3	214.9	274.6	498.1	243.4	184.7	109.8	1,927.7
1911	8.1	8.5	10.0	106.8	132.0	117.2	698.5	419.4	133.3	9.7	6.1	8.0	1,717.6

1912	21.9	24.6	2.6	0.8	20.9	96.4	529.0	656.6	227.4	170.4	164.5	13.9
1913	65.0	0.0	15.8	130.4	40.5	195.8	570.6	349.1	365.5	113.7	31.0	37.8
1914	3.5	7.3	6.1	53.3	84.0	367.9	399.3	492.3	887.7	40.2	52.4	2,435.1
1915	5.6	3.8	3.3	0.5	50.4	126.7	276.3	413.8	478.7	165.4	208.1	1,914.9
1916	38.2	23.6	29.1	46.2	39.8	224.6	179.9	282.3	372.6	223.6	106.5	1,642.4
1917	18.0	7.0	47.6	58.1	53.9	270.7	606.0	359.4	263.2	340.6	75.0	2,823.4
1918	3.2	1.8	27.8	10.2	83.3	224.7	621.9	483.7	338.3	323.5	29.1	2,159.3
1919	6.6	10.7	1.9	0.9	144.3	265.7						6,430.1

^a The regions which enjoy the climatic conditions of the second type are:

The western coast of Luzon from Cape Bojeador to Cape Santiago or the Provinces of Ilocos Norte, Ilocos Sur, Union, Zambales, Bataan, and Batangas.

The Provinces of Rizal, western Bulacan, Pampanga, Nueva Ecija, Tarlac, and Pangasinan, the Lingayen Gulf, and adjacent islands.

The western coast of Mindoro and adjacent islands.

The western coast of Panay.

The islands in the north Sulu Sea and north of Paragua.

The Palawan and adjacent islands.

These regions are far distant from the Pacific Ocean or they do not get the influence of the currents from that ocean except through considerable portions of land.

Heaviest.....

Regular.....

Mildest.....

Rainfall.....

Total yearly, 2,453 mm.

Very distinct wet and dry season.

^b From January to June, only.

June, July, August, September, October.

November, December, April, May.

January, February, March.

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TABLE No. 100.—*Monthly rainfall in typical stations of the Philippines, 1878-1919—Continued.*C. CEBU—THIRD TYPE.^a

[Source: Weather Bureau.]

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1878	mm. 73.0	mm. 35.0	mm. 47.0	mm. 19.0	mm. 5.0	mm. 164.0	mm. 126.0	mm. 165.0	mm. 156.0	mm. 215.0	mm. 176.5	mm. 163.0	mm. 1,349.5
1881	145.6	53.3	7.6	17.0	101.9	259.9	168.7	40.0	132.5	183.2	154.3	94.3	b 896.3
1882	78.0	66.9	59.2	13.0	156.0	82.1	174.0	228.3	306.1	172.4	127.7	201.8	c 1,676.8
1894	121.3	70.2	38.2	10.4	175.5	264.9	187.7	231.5	179.8	84.2	84.5	122.4	b 1,329.0
1895	86.0	78.8	60.2	7.0	74.8	177.2	338.9	179.2	61.5	238.8	188.0	272.0	b 1,105.5
1897	128.8	47.5	95.5	60.9	74.8	177.2	338.9	164.7	165.1	238.8	188.0	272.0	c 1,333.3
1902	128.8	47.5	95.5	45.0	161.3	177.2	338.9	149.5	62.3	106.7	120.4	58.4	1,451.5
1903	72.5	24.0	30.9	7.9	34.5	200.9	133.9	74.2	236.4	112.8	79.2	425.7	1,432.9
1904	327.6	48.5	78.0	145.2	158.6	178.1	92.8	156.4	116.1	145.1	149.1	50.7	1,646.2
1905	7.9	14.3	0.5	3.6	23.2	73.2	212.8	152.2	338.1	330.4	29.0	109.8	1,307.0
1906	59.5	33.9	35.8	18.6	94.3	219.8	128.1	94.6	191.9	223.4	175.0	98.6	1,373.5
1907	101.4	114.0	75.9	1.9	101.0	178.1	191.9	92.4	71.6	108.0	210.8	194.5	1,441.5
1908	98.1	151.6	59.7	44.0	63.2	269.5	239.6	170.5	391.5	128.6	194.5	88.9	1,897.8
1909	46.2	101.1	54.9	3.5	42.5	33.0	273.0	147.6	157.3	77.2	239.3	351.7	1,583.3
1910	118.1	196.3	98.5	115.3	139.1	141.3	113.5	227.8	312.6	384.2	249.3	146.7	2,242.7
1911	68.1	106.2	19.0	41.9	110.1	134.5	123.9	55.9	139.8	110.2	54.6	66.8	1,031.0
1912	25.3	33.8	14.4	25.1	32.5	163.6	224.9	228.8	102.4	588.3	366.5	106.9	1,912.5
1913	67.8	49.3	13.7	13.7	63.6	235.5	142.2	83.2	47.3	318.1	28.3	88.7	1,161.4
1914	59.1	5.0	29.7	32.7	63.8	202.9	34.4	64.8	89.2	73.7	43.6	81.3	780.2
1915	54.1	0.0	8.3	1.0	36.6	92.2	120.4	186.1	207.1	199.1	37.9	92.1	1,034.9
1916	97.9	102.2	77.4	102.4	137.7	204.6	226.9	169.5	230.9	335.5	251.1	136.5	e 1,922.5
1917	223.8	98.5	39.2	19.6	245.2	253.1	182.1	140.4	301.7	272.5	200.1	103.0	1,937.0
1918	79.2	27.1	106.9	35.5	98.0	303.0	66.5	148.7	102.8	43.7	81.6	194.6	1,503.6
1919			4.0	5.3	113.3	125.7							f 354.6

^a The regions which enjoy the climatic conditions of the third type are:

The Batanes and Babuyan groups.

The extreme north of Luzon.

The Cagayan valley of Luzon with the slope east of the Sierra Madre down to Caraballo Sur.

Shores around the Laguna Bay.

Masbate and the islands of the interisland seas.

The northern and eastern coast of Panay.

The islands of Negros, Cebu, and Bohol.

The Gulf of Davao and the province of Surigao. The Basilan, Jolo and adjacent islands.

The western coasts of Samar and Leyte.

The western coast of Mindanao and the south end of the Zamboanga Peninsula.

The banks along the Pulangui or great Mindanao River.

July, August, September, October, November.
May, June, December, January.
February, March, April.

Heaviest.....
Regular.....
Mildest.....

Rainfall.....

Total yearly, 1,856 mm.
Short period of dry season, January-April.
Very small range, 74-79.
Humidity.....
Temperature.. Around 26 degrees centigrade.

^b For nine months only.

^c For ten months only.

^d Twenty-two days of observation.

^e Twenty-eight days of observation.

^f January to June, only.

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TABLE NO. 101.—*Areas of islands.*

Islands.	Square miles.	Islands.	Square miles.
Australia	2,948,366	Crete	3,365
Greenland	849,400	Cape Breton	3,120
New Guinea	310,349	East Falkland	3,000
Borneo	289,755	LEYTE	2,722
Baffin Land	236,000	Vanua Levu	2,432
Madagascar	225,984	Malayta	2,355
Sumatra	167,488	West Falkland	2,300
Great Britain	88,745	Prince Edward	2,184
Honshiu	86,305	Bali	2,168
Celebes	71,470	Espiritu Santo	1,876
South (New Zealand)	58,525	Lombok	1,811
Java	48,503	Billiton	1,774
Cuba	45,883	CEBU	1,762
North (New Zealand)	44,468	Trinidad	1,754
Newfounland	42,734	Madura	1,726
LUZON	40,969	Long Island (N. Y.)	1,682
Iceland	40,457	Kolguev	1,627
Ellesmere	40,000	Great Abaco	1,600
MINDANAO	36,292	BOHOL	1,441
Nova Zembla	35,163	Socotra	1,382
Ireland	32,583	Majorca (Mallorca)	1,352
Hokkaido or Yeso	30,114	MASBATE (Sorsogon)	1,236
Haiti	29,821	Gothland	1,220
Sakhalin	27,823	Oesel	1,010
Tasmania	26,215	South Georgia	1,000
Ceylon	25,332	Pines	986
Banks	25,000	Reunion	965
North Devon	24,000	Mallicollo	876
Melville Land	20,000	Tenerife	782
Franz Joseph Land	19,000	Fernando Po	771
Terra del Fuego	18,000	Lewis or Lews	770
Southampton	17,800	Maui	722
Vancouver	15,937	Guadeloupe	720
Prince of Wales	15,000	Mauritius	682
West Spitzbergen	14,700	CATANDUANES (Albay)	676
Kiushu	13,768	Mytilene	665
Formosa	13,458	Stewart	663
Hainan	13,166	Fuerteventura	658
North Somerset	12,000	Sauai	644
Sicily	9,936	Gran Canaria	640
New Britain (Neu Pomern)	9,652	Zanzibar	600
Sardinia	9,294	Oahu	565
Halmahera or Gilolo	6,949	Rhodes	551
Shikoku	6,856	Setland (Mainland)	544
Ceram	6,622	Kauai	535
New Caledonia	6,594	Skye	533
Timor	6,375	Oland or Oeland	502
Floris	5,859	New Ireland (Neu Mecklenburg)	473
Sumbawa	5,129	BASILAN (Zamboanga)	462
SAMAR	5,031	Laaland	444
NEGROS	4,881	Great Comoro	390
PANAY	4,611	BUSUANGA (Palawan)	388
Banka	4,379	Amboyna	381
Sandal wood	4,272	Martinique	380
Viti Levu	4,250	Cape Cod	380
Jamaica	4,200	Pemba	373
PARAGUA	4,027	Rugen	371
Hawaii	4,015	Dago	359
MINDORO	3,851	Santiago	357
Bouganville	3,800	Mull	352
Buru or Boeroe	3,706	MARINDUQUE (Tayabas)	340
Porto Rico	3,604	Cat or Guanahani	335
Cyprus	3,584	Upolu	333
Corsica	3,368	POLILLO (Tayabas)	333

NOTE.—Names in capitals are those of islands belonging to the Philippine Archipelago; names in parentheses following those written in capitals indicate the names of provinces to which they belong.

Philippine Archipelago, 115,026 square miles.

Japan (proper) 147,657 square miles; (with dependencies) 253,806 square miles.

TABLE No. 101.—Areas of islands—Continued.

Islands.	Square miles.	Islands.	Square miles.
JOLO (Sulu)	326	PANAON (Leyte)	71
TABLAS (Sorsogon)	324	Kahoolau.	69
Seios	319	Saint Christopher	68
Lanzarote	311	LUBANG (Mindoro)	66
DINAGAT (Surigao)	309	Barbuda	62
Dominica	305	CAMIGUIN (Cagayan)	61
Cephalonia	302	Oleron	59
São Miguel	300	Marie Galante	58
Madeira	300	Staten (New York)	57
Corfu	278	Mahé	56
Palma	276	Yell	55
Anglesey	276	Tutuila	54
Minorca (Menorca)	264	Nantucket	51
Molocai	261	Nevis	50
Islay	235	BANTAYAN (Cebu)	47
Saint Lucia	233	BUGSUK (Palawan)	47
TAWI-TAWI (Sulu)	232	Saint Helena	47
Iviza	229	BABUYAN (Cagayan)	46
GUIMARAS (Iloilo)	228	Jersey	45
Isle of Man	227	BUKAS GRANDE (Surigao)	43
Bornholm	227	CALAYAN (Cagayan)	42
Curacao	212	PANGUTARANG (Sulu)	42
Guam	210	BALUT (Davao)	40
BURIAS (Sorsogon)	197	PASIJAN (Cebu)	38
BILIRAN (Leyte)	190	Formentera	37
Samos	181	Saint Martin	37
Pico	175	ROMBLON	37
Lemnos	175	PORO (Cebu)	36
SIBUYAN (Romblon)	171	DARAM (Samar)	35
Zante	169	Anguilla	35
Barbados	166	BATAN (Albay)	34
Terceira	165	CORON (Palawan)	34
Arran	165	SIBUTU (Sulu)	34
Naxos or Naxis	164	CAGRARAY (Albay)	33
Cherso	158	MALHON (Samar)	33
Andros (Greece)	156	Saint Thomas	33
CULION (Palawan)	153	Montserrat	32
Brazza	152	Pantellaria	32
Siargao (Surigao)	151	ILING (Mindoro)	31
Pomona or Mainland	150	PANGLAO (Bohol)	31
SAMAL (Davao)	147	ANDA (Pangasinan)	30
Isle of Wight	147	JOMALIG (Tayabas)	30
Jura	146	SIASSI (Sulu)	30
Gomera	144	Coll	30
Thasos	138	Honkong	29
Lanai	135	PÁTANANOŃGAN (Tayabas)	29
Saint Vincent	132	CAGAYAN SULU (Sulu)	27
BALABAC (Palawan)	122	ISBAYAT (Batanes)	26
DUMARAN (Palawan)	122	Guernesey	25
TICAO (Sorsogon)	121	RAPURAFU (Albay)	25
Marthas Vineyard	120	SEMIRARA (Antique)	25
Malta	117	MACTAN (Cebu)	25
Tobago	114	Tortola	24
Cerigo	110	Graciosa	24
Antigua	108	BATAN (Batanes)	24
SQUILJOR (Or. Negros)	106	DALUPIRI (Cagayan)	24
Ferro	106	JUGU (Cagayan)	24
Niihau	97	Manua	23
ALABAT (Tayabas)	95	SARANGANI (Davao)	22
CAMIGUIN (Misamis)	94	Manhattan	22
São Jorge	94	Helgoland	21
OLUTANGA (Zamboanga)	91	Saint John	21
Elba	86	CUYO (Palawan)	21
Saint Croix	84	PATA (Sulu)	20
Texel	83		

NOTE.—Names in capitals are those of islands belonging to the Philippine Archipelago; names in parentheses following those written in capitals indicate the names of provinces to which they belong.

Philippine Archipelago, 115,026 square miles.

Japan (proper) 147,657 square miles; (with dependencies) 258,806 square miles.

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