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NOTE

This fourth issue of the STATISTICAL BULLETIN covers all available data for the year 1921.

The data for previous years for all statistical tables in this bulletin, with the exception of tables Nos. 2, 4, 5, 22, 23, 24, and 47, may be found in STATISTICAL BULLETIN No. 3 OF THE PHILIPPINE ISLANDS FOR 1920, issued by this Bureau.

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BUSINESS CONDITIONS

The wave of financial depression which has been sweeping the world for over two years, has had its effect strongly felt in the Philippines about the last half of 1920, and continued its course during the year under consideration. In fact the Philippines never was nearer a financial panic in its history since the beginning of American occupation. Both the foreign and domestic commerce suffered a tremendous slump,—the foreign trade, by 32 per cent, and the domestic commerce, by 38 per cent. The acuteness of the depression was greatly accentuated, occurring unexpectedly, as it did, almost in the midst of unprecedented business prosperity in the Islands. For the first time in the history of the country, the values of articles imported exceeded those of domestic products exported by ₱55,446,503. This was a tremendous drain upon our funds abroad, and caused the almost sudden recession of the exchange value of our currency.

Foreign trade.—The values of imports, exports, and total trade of the Philippines during the year 1921, as compared with those of 1920, are as follows:

Foreign trade.	1920	1921	Decrease.
Imports	₱298,876,565	₱231,677,148	₱67,199,417
Exports	302,247,711	176,230,645	126,017,066
Total trade	601,124,276	407,907,793	193,216,483

The above figures forcefully demonstrate how far our foreign trade has receded. The values of imports declined 22.5 per cent, and exports, 41.7 per cent. The most important decreases in imports and exports are shown in the following:

Articles.	1920	1921	Decrease.
IMPORTS.			
Cotton goods	₱68,795,756	₱37,648,201	₱31,147,555
Rice	16,329,770	6,649,395	9,680,375
Automobiles and accessories	14,921,366	9,645,260	5,276,106
Coal	10,792,077	6,987,004	3,805,073
Precious stones	3,357,680	517,893	2,839,787
Silk goods	6,036,511	3,721,538	2,314,973
EXPORTS.			
Sugar	99,238,520	51,037,454	48,201,066
Hemp, Manila	71,724,000	25,969,385	45,754,615
Tabacco products	39,854,782	16,564,434	23,290,348
Coconut oil	46,537,773	32,103,036	14,434,737
Embroideries	15,623,567	10,696,207	4,927,360
Copra meal	2,393,122	1,208,930	1,184,192

Though the values of importation of the islands receded considerably, a detailed examination of the items which entered during the year reveals some compensatory features. Among these is the general decline in the importation of foodstuffs which is highly indicative of the ability of the country to produce what is needed for local consumption. The total importation of foodstuffs during the year amounted to ₱43,498,974, as compared with ₱61,611,767 in 1920, thus giving a decrease of ₱18,112,793, representing 27 per cent of the total decrease in the year's imports.

The values of the exportation of domestic products have been greatly reduced due to the marked decline of prices in the foreign markets. The volume, however, has been maintained, if not increased over the preceding year, as shown by the following:

Articles.	1920	1921	Increase.
	<i>Kilos.</i>	<i>Kilos.</i>	<i>Kilos.</i>
Copra.....	25,803,044	150,335,314	124,532,270
Copra meal.....	36,981,990	44,419,166	7,437,176
Maguey.....	10,808,725	11,991,414	1,182,689
Coconut oil.....	77,571,405	90,292,242	12,720,837
Sugar.....	180,340,670	289,876,164	109,535,494
Leaf tobacco.....	19,939,788	21,931,898	1,992,110

As usual the United States secured the greatest portion of our foreign trade. During the year it contributed ₱148,260,030 of Philippine imports and secured ₱100,713,586 worth of exports, or 61 per cent of the total trade, as against ₱35,094,966 or 8.6 per cent for Japan, and ₱24,246,278 or 5.9 per cent for China.

Foreign shipping.—Shipping conditions were practically the same as in 1920, only slightly less active. Entrances numbered 871 vessels with a net tonnage of 2,646,455, as compared with 992 and 2,755,752, respectively, in 1920. Clearances numbered 887 with a net tonnage of 2,725,469, as compared with 995 and 2,771,214, respectively, during the preceding year.

Domestic trade.—The chaotic condition of the foreign markets was wholly responsible for the violent decline in prices in the Philippines. The obvious reason is the fact that a very great portion of the islands' produce are sold in foreign countries where not only the demand but also competition with the produce of other countries determine the price. The business boom in the United States was followed by a feverish activity in Philippine markets, and when the United States markets receded, a marked depression in the local market began to be felt. The prices of the staple products may be considered the most reasonable index of business conditions in the islands. The rise of

the index level, therefore, is symptomatic of a favorable reaction in business conditions. Based upon the average prices of 1913, the curve for the first month of 1921 reached the 160.3 level, receding gradually to 99 in September. On December it rose to 108.1.

Manila hemp reached its highest level in April of 1919, 358.9 (₱57.50). By January of 1921, it dropped to 188.6 (₱30.22). It reached its lowest level in September, 114.3 (₱18.31), gradually rising to 122.4 (₱19.60) in October, 122.0 (₱19.55) in November, and 126.5 (₱20.27) in December. With the exception of corn, sugar was the most amenable to fluctuation, rising as high as 683.7, (₱32.75) on June of 1920. By January of 1921 it went down to 210.9 (₱10.10), reaching its lowest level in September, 107.1 (₱5.13). The curve gradually rose to 112.3 (₱5.38) in October, 128.0 (₱6.13) in November, and 119.4 (₱5.72) in December. Coconut oil, tobacco leaf, copra, maguey, rice and others rose and fell in the same manner, though not as violent as those of sugar and Manila hemp. These quotations refer to the average prices based upon all classes of each commodity.

The rates of exchange during the year 1919 oscillated between $4\frac{1}{4}$ to 5 per cent for United States telegraphic transfers and $3\frac{1}{2}$ to $4\frac{1}{2}$ per cent for United States demand drafts (Philippine National Bank selling quotations). During 1920, the rates oscillated between 2 per cent on February 21st to $12\frac{1}{2}$ per cent on December 29th for telegraphic transfers, and $1\frac{1}{2}$ to $11\frac{1}{2}$ per cent for demand drafts on the same dates. These rates continued for some time during 1921 until on February 16th, they rose $\frac{1}{2}$ point each, 13 per cent for telegraphic transfers and 12 per cent for demand drafts. The maximum was reached when on March 5, selling quotations were 14 per cent for telegraphic transfers and 13 per cent for demand drafts. These rates gradually decreased to 3 and 2 per cent, respectively, on October 8th. By the end of 1921 the rates had risen again to $7\frac{1}{4}$ per cent for telegraphic transfers and $6\frac{1}{4}$ per cent for demand drafts.

The monetary circulation of the Islands began to decrease in June, 1920, when from ₱163,428,638 in May it dropped to ₱162,459,596. It gradually and continually decreased until it amounted only to ₱102,792,488 in November, 1921. In December it rose to ₱103,661,820. On the other hand, banking conditions seem to be more reassuring. By the end of 1921, overdrafts decreased from ₱103,547,009 to ₱70,753,659, while bank loans and discounts increased from ₱116,023,841 in 1920 to ₱131,507,519 in 1921. Bank notes in circulation increased from

₱33,368,942 in 1920 to ₱42,237,752 in 1921. Bank profits average 15.4 per cent during the year.

The total internal revenue collections during the year amounted to ₱48,080,112, as compared with ₱59,371,259 during the preceding year. The bulk of this reduction is due to the decrease in the sales of merchants, manufacturers and peddlers upon which a tax of one per centum is levied. The total sales in 1921 amounted to ₱1,022,896,948, as compared with ₱1,646,463,295 in 1920. Income tax, however, increased from ₱4,252,633 in 1920 to ₱4,964,794 in 1921.

A further evidence in the curtailment of commercial activities, specially in the provinces, is the marked decline in the sale of inter-island demand drafts and telegraphic transfers which began by the end of 1920 and continued progressively downward during the year 1921. Telegraphic transfers (no sales of demand drafts) sold by provincial treasurers on Manila and other provincial treasurers amounted only to ₱375,507, as against ₱1,164,681, including ₱600 demand drafts in 1920, or a decrease of 68 per cent. The total sales of telegraphic transfers (no demand drafts sold) in Manila on provincial treasurers amounted to ₱495,469 in 1921, as against ₱2,212,285, including ₱2,200 demand drafts in 1920, or a decrease of 78 per cent. The total sales of inter-island demand drafts and telegraphic transfers during the year amounted to ₱870,976, as compared with ₱3,376,966 in 1920, or a total decrease of ₱2,505,990 or 74 per cent.

Despite the general business depression throughout the Islands building operations were practically unhampered. The cutting of timber was more active during the year, when 653,944 cubic meters were cut as against 554,997 cubic meters in 1920. In the city of Manila the number of buildings of strong materials constructed during the year was 1,054, as against 1,057 in 1920.

With reference to transportation facilities, the general tendency was downward in both passenger and tonnage movement, although the registration of automobiles increased from 8,341 to 9,738 and motor trucks, from 2,722 to 3,053. The Manila Electric Company reports a decrease in the passenger movement of from 42,702,008 to 40,747,563 in 1921. The Manila Railroad Company, however, reports an increase in tonnage movement of from 806,380 in 1920 to 1,051,551 in 1921, though the passenger movement decreased from 9,282,953 in 1920 to 6,956,149 in 1921. This reduction, however, is partly due to the competition of automobiles and motor trucks operating between the city of Manila and nearby provinces.

The rice problem and situation have entirely been altered. Then it was a problem of importation, now it is evidently a problem of transportation to localities which mainly produce export products. With an increase of 215,513,082 kilos in the production of 1921 over that of 1919, when the rice situation became most acute, the production is now deemed sufficient for local consumption. The total quantity of rice transported to non-producing localities during the year 1921 amounted to 3,810,778 *cavans*, as compared with 2,191,880 *cavans* during the preceding year. Of these, Nueva Ecija exported (by rails only) 806,750 *cavans* against 265,278 *cavans* in 1920, Bulacan, 358,813 against 115,601, Tarlac, 223,813 against 55,972, Pangasinan, 251,813 against 88,850, Pampanga, 192,437 against 55,931, and the rest were transhipped through the ports of Manila, Iloilo, Cebu, etc., from foreign countries. The provinces which imported the greatest quantities during the year were Cebu, 357,408 *cavans*, as compared with 63,848 in 1920, Leyte, 217,723 against 206,180, Occidental Negros, 189,030 against 66,548, Sorsogon, 155,535 against 237,113, Albay, 128,230 against 150,587, Samar, 125,055 against 125,025, and Iloilo, 116,187 against 42,124.

During the year there were registered 291 corporations with a total capital stock of ₱18,616,450, of which 7,957,616 were subscribed and ₱6,148,128 were paid-up. During the previous year there were registered 371 corporations with ₱76,205,801, capital stock of which ₱30,667,640 were subscribed and ₱18,404,078 were paid-up. There were registered in the city of Manila 192 partnerships with ₱13,435,156 capital, as compared with 318 and ₱12,584,718, respectively, in 1920. As shown by these figures, the total investment in corporations and partnerships during 1921 amounted to ₱19,583,284, as compared with ₱30,988,796 in 1920, or a decrease of ₱11,405,512. Investments have thus tremendously decreased, except in partnerships which increased by ₱850,438 only. An encouraging feature, however, is noted in the increasing investments during the last months of the year which augurs a more active investment in the future. August of 1921 was the lowest ebb in investment in corporations when it amounted only to ₱104,100. This rose to ₱594,963 in November, and ₱1,216,078 in December, continuing to rise during the first part of 1922 when the total capital invested amounted to ₱1,928,670 in January.

The foregoing facts are indicative of the transition through which we are undergoing. Barring serious economic disturbances in the process of readjustment, which in this country is fortunately going on smoothly, there should now be less cause for

apprehension as to the future. The highest authorities in finance and business in the United States and even in Europe, are generally of the opinion that the turn of the tide is very near, if it has not already come. American businessmen predict the return of normal conditions about the middle of the year. In the Philippines the prospect may be gauged by the continued rise in prices of the staple products during the last three months,—in September the index went down one point below the 1913 level or 99.0, rising gradually to 101.2 in October, 103.1 in November, and 108.1 in December. Although there are a number of adjustments from the effects of the war to be made as yet, there is a general belief in the early return to normal business conditions, stabilized prices, and sounder business opportunities. As business depression is not confined to this country alone, but throughout the whole world, it stands to reason that alone the Philippines can never mend its fences, unless at the same time normal conditions return or prevail in the rest of the world, or a greater portion of it. However, the concensus of opinion is that Europe is now fast recovering from the effects of the titanic struggle,—England is heavily increasing her exports, France and Belgium are steadily building up theirs as a consequence of the rapid internal reconstruction of their industries and agriculture, Germany is now beginning to enter the world foreign trade, and the southern countries are engaged in intensive economic reconstruction. Bolshevik Russia alone, apparently without capital and without credit, is still facing an acute economic and financial crisis. We may therefore expect that, unless some unforeseen events affecting the growing economic stability in this country or in countries with which we maintain intimate commercial relations occur, before the end of the year 1922 business depression in the Islands will have been noticeably diminished.



Director.

JANUARY 31, 1922.

TABLE NO. 1.—Area, population, and date of organization of the provinces

Provinces and cities.	Date of organization. (Civil Government.)	Area (Square miles).	Population.			
			1918	Per square mile.	1920	Per square mile.
Abra.....	Aug. 19, 1901	1,475	72,731	49	74,477	50
Agusan.....	Aug. 20, 1907	4,294	44,740	10	45,132	11
Albay.....	Apr. 26, 1901	1,543	323,234	209	323,149	209
Antique.....	Apr. 13, 1901	1,011	154,999	153	154,984	153
Bataan.....	Mar. 2, 1901	480	58,340	122	58,167	121
Batanes.....	May 20, 1909	74	8,214	111	8,471	114
Batangas.....	May 2, 1901	1,270	340,199	268	348,240	274
Bohol.....	Apr. 20, 1901	1,536	358,387	233	370,455	241
Bukidnon.....	Sept. 1, 1914	3,871	48,544	13	48,211	12
Bulacan.....	Feb. 27, 1901	1,007	249,292	248	252,434	251
Cagayan.....	Sept. 1, 1901	3,007	190,129	63	194,672	65
Camarines Norte.....	Apr. 15, 1920	779	52,081	67	52,081	67
Camarines Sur.....	Apr. 15, 1920	2,072	218,733	106	218,227	105
Capiz.....	Apr. 15, 1901	1,710	292,665	171	295,640	173
Cavite.....	June 11, 1901	464	157,355	339	157,489	339
Cebu.....	Apr. 18, 1901	1,867	855,065	458	876,349	469
Cotabato.....	Sept. 1, 1914	9,620	171,978	18	172,980	18
Davao.....	Sept. 1, 1914	7,486	108,222	14	108,354	14
Ilocos Norte.....	Sept. 1, 1901	1,293	219,129	169	222,325	172
Ilocos Sur.....	Sept. 1, 1901	442	217,406	492	218,986	495
Iloilo.....	Apr. 11, 1901	2,040	502,949	246	509,901	250
Isabela.....	Sept. 10, 1901	4,052	112,960	28	114,671	28
Laguna.....	July 1, 1902	722	195,546	271	196,565	272
Lanao.....	Sept. 1, 1914	2,439	91,459	37	91,662	37
La Union.....	Aug. 15, 1901	350	160,590	459	163,107	466
Leyte.....	Apr. 22, 1901	3,005	597,950	199	616,408	205
Marinduque.....	May 1, 1901	356	56,868	160	58,299	164
Masbate.....	Mar. 18, 1901	1,545	67,513	44	68,210	44
Mindoro.....	Nov. 10, 1902	3,928	71,931	18	71,460	18
Misamis.....	May 15, 1901	1,030	198,943	193	201,245	195
Mountain.....	Aug. 18, 1908	6,428	237,899	37	242,858	37
Nueva Ecija.....	June 11, 1901	2,069	227,096	110	226,434	109
Nueva Vizcaya.....	Jan. 28, 1902	3,530	35,838	10	36,519	10
Occidental Negros.....	Apr. 20, 1901	3,125	396,636	127	397,101	128
Oriental Negros.....	May 1, 1901	1,902	272,524	143	273,277	144
Palawan.....	June 23, 1902	5,619	69,053	12	69,946	12
Pampanga.....	Feb. 13, 1901	823	257,620	313	262,076	318
Pangasinan.....	Feb. 18, 1901	1,944	565,922	291	574,204	295
Rizal.....	June 11, 1901	899	230,256	256	232,349	259
Romblon.....	Mar. 16, 1901	505	64,610	128	66,298	131
Samar.....	June 17, 1902	5,234	379,575	73	387,351	74
Sorsogon.....	Apr. 30, 1901	729	178,443	245	173,334	238
Sulu.....	Sept. 1, 1914	1,082	172,776	160	175,332	162
Surigao.....	May 15, 1901	2,889	122,164	42	123,021	43
Tarlac.....	Feb. 18, 1901	1,178	171,876	146	176,622	150
Tayabas.....	Mar. 12, 1901	3,839	212,017	55	213,814	56
Zambales.....	Aug. 28, 1901	1,421	83,750	59	85,291	60
Zamboanga.....	Sept. 1, 1914	6,383	147,333	23	146,822	23
Baguio, City of.....	Sept. 1, 1909	19	5,464	288	5,574	293
Manila, City of.....	Aug. 7, 1901	14	285,306	20,379	294,606	21,051
Total.....		114,400	10,314,310	90	10,455,180	91

TABLE NO. 2.—Comparative summary of the population of the Philippine Islands for 1903 and 1918

Classification.	Population.		Classification.	Population.	
	1903	1918		1903	1918
Total population.....	7,635,426	10,314,310	AGE GROUP		
Per square mile.....	67	90	Under 5 years.....	1,054,096	1,890,798
Christians.....	6,987,686	9,381,357	Males.....	532,197	954,004
Non-Christians.....	647,740	932,953	Females.....	521,899	936,784
Total males.....	*3,496,652	5,177,568	Under 10 years.....	2,014,160	3,312,555
Total females.....	*3,491,034	5,136,742	Males.....	1,022,875	1,680,934
			Females.....	991,285	1,631,611
RACE			School age (6 to 17 years).....	*2,137,397	3,007,569
Brown.....	6,914,880	9,386,826	Males.....	*1,087,266	1,522,755
Males.....	3,435,848	4,692,426	Females.....	*1,050,131	1,484,814
Females.....	3,479,032	4,694,400	Military age, males.....	†1,333,069	*1,799,506
Yellow.....	42,097	50,826	Voting age, males ¹	1,677,525	2,125,423
Males.....	41,071	47,296			
Females.....	1,026	3,530	CIVIL STATUS		
White.....	14,271	12,390	Single.....	3,939,422	5,587,237
Males.....	11,450	8,592	Males.....	2,049,894	2,896,336
Females.....	2,821	3,798	Females.....	1,889,528	2,690,901
Negro.....	1,019	7,623	Married.....	2,314,583	3,389,819
Males.....	767	4,029	Males.....	1,163,562	1,697,886
Females.....	252	3,594	Females.....	1,151,021	1,691,933
American Negro.....		185	Widowed.....	499,999	515,247
Males.....		124	Males.....	168,063	176,078
Females.....		61	Females.....	331,936	339,169
Aeta.....		7,438			
Males.....		3,905	INSTRUCTION ^m		
Females.....		3,533	Literacy.....	2,211,433	3,138,634
Half-breed.....	15,419	34,663	Males.....	1,161,925	1,681,566
Males.....	7,516	17,974	Females.....	1,049,508	1,457,068
Females.....	7,903	16,689	Can speak:		
CITIZENSHIP			English.....		896,258
Filipino.....	b6,931,548	9,423,291	Males.....		569,501
Males.....	b3,443,816	4,714,175	Females.....		326,757
Females.....	b3,487,732	4,714,116	Spanish.....	b76,627	757,463
Foreign.....	b56,138	c65,149	Males.....	b59,020	511,721
Males.....	b52,836	56,142	Females.....	b17,607	245,742
Females.....	b3,302	7,895	Can read:		
American.....	b8,135	e5,808	English.....		885,854
Males.....	b6,920	3,853	Males.....		563,495
Females.....	b1,215	1,921	Females.....		322,359
Spanish.....	b3,888	*4,032	Spanish.....		879,811
Males.....	b3,187	2,760	Males.....		587,588
Females.....	b701	1,185	Females.....		292,223
English.....	b667	*1,202	Can write:		
Males.....	b549	864	English.....		854,545
Females.....	b118	276	Males.....		540,552
German.....	b368	*238	Females.....		313,993
Males.....	b344	187	Spanish.....	i1,002,588	664,822
Females.....	b24	99	Males.....	j735,564	454,052
French.....	b121	182	Females.....	j267,024	210,770
Males.....	b105	87	Illiteracy ^l	2,762,093	3,242,627
Females.....	b16	95	Males ^l	1,311,852	1,489,547
Swiss.....		125	Females ^l	1,450,241	1,753,080
Males.....		90			
Females.....		35	OCCUPATION		
Chinese.....	b41,035	c44,239	Agricultural laborers.....	1,254,063	2,601,299
Males.....	b40,518	40,704	Males.....	1,163,777	1,871,197
Females.....	b517	3,038	Females.....	90,286	730,102
Japanese.....	b921	*8,294	Professional.....	25,637	685,507
Males.....	b475	6,904	Males.....	23,358	409,737
Females.....	b446	902	Females.....	2,279	275,770
All other.....	b1,003	*979	Domestic services.....	571,955	1,863,804
Males.....	b738	693	Males.....	431,388	518,103
Females.....	b265	284	Females.....	140,567	1,335,701
RELIGION			Commerce.....	226,555	426,547
Catholic.....	d6,559,998	7,790,937	Males.....	150,989	252,894
Aglipayan.....		1,417,448	Females.....	75,566	173,653
Protestant.....		124,575	Industrial pursuits.....	959,670	865,698
Mohammedan.....		443,037	Males.....	243,081	168,999
Pagan.....		508,596	Females.....	716,589	696,699
Buddhist.....		24,263	Unknown.....	k3,037,880	8,295
All other.....		5,454	Males.....	k2,012,593	3,666
			Females.....	k1,025,287	4,629

^a Christians only. ^b Birthplace. ^c Males and females in specially organized provinces, not separately stated. ^d In 1898. ^e Includes children of 5 years of age. ^f 18 to 44 years only, for 1903; 18 to 45 years, for 1918. ^g Males from specially organized provinces not included. ^h Have superior education. ⁱ Over 10 years of age. ^j Can read and write. ^k Wage earners. ^l 21 years and over. ^m Filipino citizens from 10 years and over.

TABLE NO. 3.—Area cultivated, quantity produced and average yield per hectare of the staple crops, by provinces, for the year ended June 30, 1921

[Source: Bureau of Agriculture]

Provinces.	Palay or rough rice.			Abaca.		
	Area cultivated.	Quantity produced.	Average yield per hectare.	Area cultivated.	Quantity produced.	Average yield per hectare.*
	<i>Hectares.</i>	<i>Cavans.</i>	<i>Kilos.</i>	<i>Hectares.</i>	<i>Kilos.</i>	<i>Kilos.</i>
Abra.....	13,556	222,063	704			
Agusan.....	7,290	105,716	624	9,783	2,514,035	320
Albay.....	42,339	1,058,090	1,075	88,386	15,335,152	306
Antique.....	30,486	498,285	703	914	117,708	490
Bataan.....	12,668	385,008	1,307			
Batanes.....	57	825	622			
Batangas.....	50,945	734,821	620	895	12,081	129
Bohol.....	38,467	529,464	592	1,718	192,660	244
Bukidnon.....	2,113	18,526	377	6,711	1,082,077	405
Bulacan.....	62,195	1,711,255	1,183			
Cagayan.....	28,923	597,744	889			
Camarines Norte.....	5,970	132,074	951	17,786	2,481,045	270
Camarines Sur.....	46,057	964,667	901	57,941	6,147,204	344
Capiz.....	45,638	1,151,630	1,085	6,683	1,224,457	337
Cavite.....	40,446	726,611	773	12,843	1,245,695	202
Cebu.....	11,166	168,508	649	7,014	698,208	293
Cotabato.....	18,473	261,367	608	357	68,500	304
Davao.....	7,837	119,062	653	34,277	14,732,035	597
Ilocos Norte.....	64,859	1,082,154	717			
Ilocos Sur.....	46,142	843,961	787			
Iloilo.....	137,238	2,303,465	722	2,824	546,733	332
Isabela.....	3,015	63,355	904			
Laguna.....	29,081	780,739	1,154	3,670	395,376	294
Lanao.....	15,655	218,752	601	1,003	151,737	356
La Union.....	54,958	1,366,380	1,069			
Leyte.....	34,625	803,297	998	111,431	28,317,151	502
Marinduque.....	11,576	206,993	769	3,721	362,486	221
Masbate.....	3,250	38,021	503	1,833	411,251	478
Mindoro.....	8,566	152,681	766	4,971	1,024,144	354
Misamis.....	9,807	273,905	1,201	13,017	2,734,229	146
Mountain.....	42,235	594,973	606			
Nueva Ecija.....	184,916	7,818,088	1,818			
Nueva Vizcaya.....	6,811	206,439	1,303			
Occidental Negros.....	45,293	722,423	686	4,931	359,385	199
Oriental Negros.....	6,005	165,583	1,186	11,506	316,501	233
Palawan.....	4,865	64,829	573	7	2,024	506
Pampanga.....	76,099	1,818,637	1,028			
Pangasinan.....	183,848	6,628,197	1,550			
Rizal.....	18,741	548,220	1,258			
Romblon.....	7,449	124,761	720	1,655	97,595	129
Samar.....	18,663	318,937	735	47,968	9,436,187	375
Sorsogon.....	17,078	207,678	523	61,640	13,197,176	341
Sulu.....	2,180	31,350	618	210	31,625	151
Surigao.....	19,246	394,141	881	25,651	3,477,160	272
Tarlac.....	91,590	2,965,352	1,392			
Tayabas.....	29,406	541,344	792	1,839	262,487	394
Zambales.....	26,458	598,868	973			
Zamboanga.....	9,100	209,301	989	4,909	1,379,426	510
Total.....	1,673,381	41,478,540	1,066	548,094	108,353,530	385

* Based on area harvested.

NOTE.—Total production clean rice—20,198,260 cavans. One *cavan*, clean rice, equals 2.05357 cavans, rough rice.

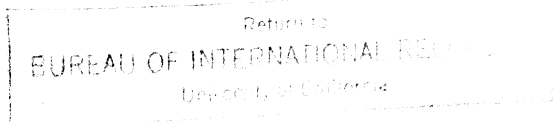


TABLE NO. 3.—Area cultivated, quantity produced and average yield
June 30,

Provinces.	Sugar cane.			Tobacco.		
	Area cultivated.	Quantity produced.	Average yield per hectare.	Area cultivated.	Quantity produced.	Average yield per hectare.
	Hectares.	Metric tons. ^a	Kilos.	Hectares.	Kilos.	Kilos.
Abra.....	333	367	1,102			
Agusan.....	243	5	21	2,027	721,372	356
Albay.....	741	316	426	140	28,152	201
Antique.....	3,922	8,207	2,092	210	67,160	320
Bataan.....	2,631	3,312	1,259			
Batanes.....	46	1	29	9	4,692	521
Batangas.....	28,840	61,478	2,132	190	20,332	107
Bohol.....	998	1,313	1,315	421	115,920	276
Bukidnon.....	94	9	94	58	4,922	85
Bulacan.....	4,216	3,878	920	42	14,490	345
Cagayan.....	253	61	241	11,570	8,181,284	707
Camarines Norte.....	239	66	278			
Camarines Sur.....	1,975	1,657	839	4	606	127
Capiz.....	2,523	9,780	3,876	215	39,514	184
Cavite.....	3,333	8,872	2,662	58	15,410	266
Cebu.....	7,237	9,163	1,266	10,688	5,521,656	517
Cotabato.....	106	84	789	213	35,374	166
Davao.....				173	21,574	125
Ilocos Norte.....	2,779	728	262	3,500	1,751,086	500
Ilocos Sur.....	8,818	20,399	2,313	1,266	531,898	420
Iloilo.....	13,533	23,352	1,726	2,927	1,327,744	454
Isabela.....	124		3	27,657	17,668,922	639
Laguna.....	7,191	13,213	1,837			
Lanao.....	328	358	1,091	141	53,222	377
La Union.....	2,731	4,950	1,813	8,308	4,807,782	579
Leyte.....	1,752	2,265	1,293	921	433,458	471
Marinduque.....	55	34	621	56	16,330	292
Masbate.....	31	31	1,000	576	65,550	114
Mindoro.....	1,996	6,758	3,386	72	31,004	431
Misamis.....	57	104	1,815	142	36,294	256
Mountain.....	676	489	724	1,213	332,488	274
Nueva Ecija.....	924	2,219	2,402	2,302	899,622	391
Nueva Vizcaya.....	114	58	507	86	31,740	369
Occidental Negros.....	82,635	242,385	2,933	2,207	693,450	314
Oriental Negros.....	3,200	19,432	6,072	1,093	570,814	522
Palawan.....	15	23	1,556	13	6,440	495
Pampanga.....	36,500	58,432	1,601			
Pangasinan.....	4,781	10,292	2,153	10,400	7,820,322	752
Rizal.....	1,940	2,314	1,193	25	7,038	282
Romblon.....				155	43,424	280
Samar.....	910	639	703	499	192,970	387
Sorsogon.....	2,186	2,508	1,147	8	1,196	399
Sulu.....				10	4,600	460
Surigao.....	364	487	1,337	198	134,596	680
Tarlac.....	8,534	14,019	1,643	1,009	490,820	486
Tayabas.....	940	447	475	69	9,890	143
Zambales.....	346	114	329	47	10,488	223
Zamboanga.....	155	115	739	67	33,534	500
Total.....	241,345	534,734	2,216	90,980	52,799,030	580

^a One metric ton equals one thousand kilos.

per hectare of the staple crops, by provinces, for the year ended 1921—Continued

Coconuts.			Shelled corn. ^b			Maguey.		
Area cultivated.	Quantity produced.	Average yield per hectare.	Area cultivated.	Quantity produced	Average yield per hectare.	Area cultivated.	Quantity produced.	Average yield per hectare. ^c
Hectares.	Nuts.	Nuts.	Hectares.	Cavans.	Kilos.	Hectares.	Kilos.	Kilos.
44	37,542	853	10,067	119,343	694	85	2,530	115
2,617	9,314,521	3,559	2,826	48,096	996			
21,617	38,602,827	1,786	2,625	34,374	766			
3,578	3,164,677	884	2,865	32,694	668	48	1,075	179
185	190,317	1,029	767	5,286	403			
120	54,422	454	62	516	487			
5,737	5,793,704	1,010	19,305	197,302	598			
12,188	45,954,005	3,770	27,204	329,805	709	3,344	672,588	292
99	72,200	729	2,051	20,082	573			
110	140,135	1,274	4,014	33,356	486			
1,228	2,938,588	2,393	22,400	330,607	863	29		
7,822	21,012,115	2,686	271	3,003	648			
14,047	19,912,945	1,418	1,572	19,722	734			
10,979	18,189,739	1,657	5,611	66,442	693	2		
1,224	1,685,570	1,377	3,088	26,831	508			
30,706	141,942,951	4,623	165,278	2,457,572	870	14,289	5,756,008	638
2,621	1,441,538	550	5,609	75,388	786			
4,066	3,469,325	853	1,999	36,990	1,083			
276	439,337	1,592	5,772	61,234	621	4,360	441,135	374
588	1,239,857	2,109	9,952	113,038	664	5,123	1,739,881	665
7,937	14,672,541	1,849	20,583	202,821	576	20	6,704	372
50	254,000	5,080	40,394	356,999	517			
43,572	265,792,915	6,100	1,470	18,190	724			
1,150	897,125	780	3,078	23,969	456			
1,002	1,982,239	1,978	4,932	56,859	674	286	2,214	221
15,864	94,410,940	5,951	36,088	534,994	867	544	14,231	138
10,106	19,551,521	1,935	284	3,006	619	4		
5,320	9,384,367	1,764	3,800	32,484	500	92	13,915	296
6,159	9,707,432	1,576	1,313	9,961	444			
24,278	169,517,723	6,982	25,184	323,749	752			
91	87,295	959	432	4,907	664	12		
205	140,950	688	5,767	49,321	500			
19	7,217	380	482	5,586	678	1		
6,209	20,930,076	3,371	33,195	445,962	786	45	33,712	843
10,548	33,534,018	3,179	29,609	317,181	627	340	77,734	352
2,550	7,806,871	3,062	774	6,140	464			
52	42,575	819	7,059	49,404	409	4		
9,998	21,325,114	2,133	12,987	154,259	695	1,542	372,163	433
61	2,117	35	1,161	9,722	490			
8,954	10,132,568	1,132	1,877	31,091	969	6		
23,606	135,334,692	5,733	4,343	49,575	668	2		
6,337	14,560,296	2,298	2,608	37,551	842			
1,393	1,214,000	872	600	2,750	268			
6,247	33,683,119	5,392	2,451	19,637	469	2		
296	297,144	1,004	3,067	39,492	753	8	949	475
89,935	296,554,577	3,297	3,678	43,336	689			
1,530	2,368,730	1,548	451	4,203	545	167	42,631	600
14,639	67,794,655	4,631	2,823	39,166	812	30		
417,959	1,547,583,132	3,703	543,828	6,883,996	741	30,385	9,177,470	556

^b One *cavan* shelled corn weighs about 58.5 kilos.

^c Based on area harvested.

TABLE NO. 3.—Area cultivated, quantity produced and average yield per hectare, etc.—Continued

Provinces.	Cacao.			Coffee.			Total value. ^b
	Area cultivated.	Quantity produced.	Average yield per hectare.	Area cultivated.	Quantity produced.	Average yield per hectare.	
	Hectares.	Kilos.	Kilos.	Hectares.	Kilos.	Kilos.	Thousands.
Abra	1	286	286	5	3,476	695	₱2,348
Agusan.. ..	32	17,570	549	7	4,145	592	1,420
Albay	22	12,929	588	5	959	192	9,812
Antique.. ..	12	13,252	1,104	16	11,693	731	4,152
Bataan	4	13,159	3,290	2	1,588	794	2,130
Batanes.....				(*)	16		34
Batangas.. ..	35	24,079	688	99	152,780	1,543	11,038
Bohol.....	82	86,082	1,050	16	9,010	563	7,503
Bukidnon....	3	2,290	763	13	32,900	2,531	420
Bulacan.....	6	3,287	548	4	2,084	521	6,890
Cagayan.....	9	5,383	598	9	7,091	788	6,823
Camaringes Norte.....	9	7,194	799	(*)	287		2,171
Camaringes Sur.....	44	37,981	863	8	6,850	856	5,500
Capiz.....	13	12,384	953	9	3,497	389	8,265
Cavite.....	79	52,771	668	91	195,400	2,147	5,482
Cebu.....	83	183,149	2,207	21	26,937	1,283	27,257
Cotabato.....	2	2,328	1,164	1	621	621	1,570
Davao.....	3	1,300	433	2	3,136	1,568	4,984
Ilocos Norte.....	14	5,354	382	17	18,739	1,102	7,812
Ilocos Sur.....	5	6,899	1,380	12	19,098	1,592	8,028
Iloilo.....	78	15,102	194	105	98,088	934	19,993
Isabela.....	4	778	195	1	1,208	1,208	7,117
Laguna.....	15	13,474	898	4	2,662	666	22,426
Lanao.....	4	5,980	1,495	19	30,676	1,615	1,263
La Union.....	43	95,200	2,214	30	94,380	3,146	9,708
Leyte.....	29	25,043	864	5	7,010	1,402	18,669
Marinduque.....	5	1,530	306	6	10,250	1,708	1,806
Masbate.....	1	960	960	(*)	76		962
Mindoro.....	14	18,093	1,292	11	11,370	1,034	3,628
Misamis.....	13	10,846	834	12	17,934	1,495	9,657
Mountain.....	13	5,620	432	184	107,600	585	3,353
Nueva Ecija.....	5	4,934	987	9	9,874	1,097	20,641
Nueva Vizcaya.....	2	1,729	865	5	7,605	1,521	1,207
Occidental Negros.....	47	27,664	589	4	5,058	1,265	59,838
Oriental Negros.....	117	41,977	359	37	101,626	2,747	7,969
Palawan.....	4	1,012	253	3	2,289	763	709
Pampanga.....	4	5,333	1,333	3	2,600	867	11,794
Pangasinan.....	46	54,950	1,195	28	22,168	792	28,541
Rizal.....	5	2,885	577	5	2,876	575	2,399
Romblon.....	3	1,362	454	1	484	484	1,295
Samar.....	19	19,957	1,050	5	2,845	569	9,972
Sorsogon.....	21	7,399	352	2	1,548	774	5,303
Sulu.....				(*)	64		239
Surigao.....	20	12,506	625	2	1,300	650	3,426
Tarlac.....	2	2,882	1,441	2	6,379	3,190	8,699
Tayabas.....	57	28,358	498	14	9,132	652	15,374
Zambales.....	4	4,859	1,215	3	1,813	604	2,248
Zamboanga.....	2	830	415	2	3,076	1,538	4,760
Total.....	1,035	888,940	859	839	1,062,298	1,266	406,635

* Less than one-half hectare.

^b Total value of all the foregoing crops in the municipal markets.

TABLE NO. 4.—Number of farms classified according to tenure, by provinces, 1903 and 1918

Provinces.	Census year.	Nature of tenure.					Total.
		Owners.	Cash tenants.	Share tenants.	Labor tenants.	No rental.	
		<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>
Abra.....	1903	9,917	138	3,522	.....	78	13,655
	1918	32,454	384	7,272	3	2,301	42,414
Agusan.....	1918	3,332	1,080	39	2	409	4,862
	1903	32,190	411	75	.....	118	32,794
Albay.....	1918	57,301	477	3,637	12	3,127	64,554
	1903	13,056	7	27	.....	20	13,110
Antique.....	1918	21,320	161	3,156	.....	3,388	23,025
	1903	1,157	52	1,073	1	21	2,304
Bataan.....	1918	4,343	1,012	1,875	1	1,269	8,500
Batanes ¹	1918	2,437	12	200	.....	428	3,077
Batangas.....	1903	19,017	146	3,475	.....	657	23,295
	1918	56,946	1,662	8,949	128	1,793	69,478
	1903	34,212	5	2,401	.....	251	36,869
Bohol.....	1918	74,349	207	9,461	283	3,993	83,293
Bukidnon.....	1918	4,028	31	18	.....	290	4,367
	1903	5,218	3,458	12,114	4	301	21,095
Bulacan.....	1918	27,144	8,559	4,741	199	2,996	43,639
Cagayan ²	1903	16,539	41	1,538	.....	36	18,204
	1918	40,685	658	6,290	80	4,520	52,233
Camarines Norte	1903	11,991	13	364	2	493	12,863
Camarines Sur	1918	51,744	4,122	2,146	27	1,140	59,179
Capiz.....	1903	23,940	58	844	8	119	24,969
	1918	25,399	80	7,548	56	2,871	36,854
Cavite.....	1903	5,996	265	2,429	15	935	9,640
	1918	20,238	1,056	4,728	37	948	27,007
Cebu.....	1903	50,545	73	23,975	23	615	80,231
	1918	125,403	3,975	20,086	24	8,585	158,073
Cotabato.....	1903	32	.....	.....	.....	.....	32
	1918	1,033	.....	18	.....	725	1,776
Davao.....	1903	1,233	11	2	.....	63	1,309
	1918	4,811	298	293	1	1,245	6,646
Ilocos Norte.....	1903	46,327	3	17,283	997	202	64,812
	1918	99,022	1,195	31,879	336	5,025	137,457
Ilocos Sur.....	1903	11,987	17	9,384	.....	91	21,479
	1918	69,366	1,399	39,555	1,010	1,747	113,077
Iloilo.....	1903	33,838	162	4,402	.....	264	34,666
	1918	58,940	1,657	17,738	115	3,947	82,397
Isabela.....	1903	8,859	963	1,706	82	128	11,738
	1918	17,166	3,237	3,016	54	3,427	26,900
Laguna.....	1903	20,184	772	340	7	722	22,025
	1918	51,418	2,256	2,133	335	1,314	57,456
Lanao.....	1918	1,022	6	42	.....	213	1,233
La Union.....	1903	33,713	42	4,455	.....	9	38,219
	1918	72,593	1,095	10,455	144	3,799	88,086
Leyte.....	1903	33,660	33	2,991	23	374	37,081
	1918	73,259	719	5,959	45	2,046	83,028
Marinduque ³	1918	23,704	463	471	.....	367	25,005
Masbate.....	1903	2,955	8	66	.....	61	3,090
	1918	6,659	50	484	.....	2,091	9,234
Mindoro.....	1903	1,767	3	306	.....	24	2,100
	1918	8,141	28	190	4	1,656	10,019
Misamis.....	1903	25,264	7	220	2	186	25,679
	1918	33,357	597	2,073	7	1,696	37,730
Mountain.....	1903	157	.....	2	.....	76	235
	1918	13,207	273	1,913	28	753	16,174
Nueva Ecija.....	1903	9,944	2,215	290	.....	932	13,381
	1918	25,715	2,796	1,798	36	3,419	33,764
Nueva Vizcaya.....	1903	1,514	12	280	.....	1	1,807
	1918	2,531	119	330	3	2,362	5,345
Occidental Negros.....	1903	6,166	230	410	1	169	6,976
	1918	10,159	728	1,950	3	860	13,700
Oriental Negros.....	1903	25,923	7	427	.....	77	26,434
	1918	35,297	1,753	3,518	2	3,178	43,748
Palawan.....	1903	2,666	6	57	.....	75	2,804
	1918	6,964	97	391	34	1,949	9,435

¹ Figures for 1903 are included with Cagayan.² Includes Batanes for 1903.³ 1903 figures are included with Tayabas.

TABLE NO. 4.—Number of farms classified according to tenure, by provinces, 1903 and 1918—Continued

Provinces.	Census year.	Nature of tenure.					Total.
		Owners.	Cash tenants.	Share tenants.	Labor tenants.	No rental.	
		<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>	<i>Farms.</i>
Pampanga.....	1903	6,498	861	2,505	1	166	10,031
	1918	21,628	1,426	3,758	111	1,189	28,112
Pangasinan.....	1903	35,872	2,036	16,461	14	329	54,712
	1918	125,104	3,935	24,970	361	6,797	161,167
Rizal.....	1903	10,052	777	641	1	93	11,564
	1918	18,241	2,936	4,318	121	4,379	29,995
Romblon.....	1903	5,891	81	727	24	100	6,823
	1918	8,555	968	440	33	491	10,487
Samar.....	1903	24,525	168	372	1	152	25,218
	1918	48,219	1,262	2,590	54	5,463	57,588
Sorsogon.....	1903	14,350	1	197	.....	19	14,567
	1918	24,336	695	1,630	163	3,139	29,963
Sulu.....	1903	9	.....	3	.....	.....	12
	1918	763	1	3	.....	224	991
Surigao.....	1903	7,052	.....	340	1	19	7,412
	1918	22,022	37	323	.....	890	23,272
Tarlac.....	1903	8,507	760	1,667	8	218	11,160
	1918	24,740	5,555	3,098	639	1,273	35,305
Tayabas ⁴	1903	38,059	138	3,733	12	294	42,236
	1918	36,747	779	3,860	39	3,273	44,698
Zambales.....	1903	14,035	5	10,182	4	141	24,367
	1918	19,440	907	6,656	1,723	1,378	30,104
Zamboanga.....	1903	3,474	159	91	.....	194	3,918
	1918	8,467	87	481	1	1,033	10,069
Manila, City of.....	1903	252	259	17	2	7	537
	1918	277	266	38	5	74	660
Totals:.....	1903	658,543	14,403	132,444	1,233	8,830	815,453
	1918	1,520,026	61,996	256,517	6,259	110,478	1,955,276

⁴ Includes Marinduque for 1903.

TABLE No. 5.—Number, area, and average size of farms cultivated and uncultivated, by provinces, 1903 and 1918

Provinces.	Census year.	Total number of farms.	Area of farms.			Average size of farms.			
			Cultivated.	Per cent.	Uncultivated.	Per cent.	Total.	Cultivated.	All lands.
Abra.....	1903	13,655	12,208	23.4	39,878	76.6	52,086	89.4	381.4
	1918	42,414	19,128	15.9	100,810	84.1	119,938	45.1	282.8
	1918	4,862	11,256	61.6	7,023	38.4	18,279	231.6	376.0
	1903	32,794	85,147	73.4	30,937	26.6	116,084	269.6	354.0
	1918	64,554	132,511	78.1	37,232	21.9	169,743	205.3	262.9
	1918	13,110	21,622	79.5	5,572	20.5	27,194	164.9	207.4
Antique.....	1918	23,025	32,137	67.8	15,281	32.2	47,418	114.7	169.2
	1903	2,304	3,485	42.3	4,747	57.7	8,232	151.8	357.3
	1918	8,500	14,389	58.1	10,396	41.9	24,785	169.3	291.6
Batanes.....	1918	3,077	691	8.1	7,838	91.9	8,529	22.5	277.2
	1903	23,295	21,652	18.4	95,770	81.6	117,422	92.9	504.1
	1918	69,478	32,639	46.4	95,444	53.6	178,083	118.9	256.3
Batangas.....	1903	36,869	23,247	40.0	34,851	60.0	58,098	63.1	157.6
	1918	88,293	55,220	41.9	76,654	58.1	131,874	149.4	149.4
	1918	4,367	7,679	49.0	7,977	51.0	15,656	175.8	358.5
Bukidnon.....	1903	21,095	60,570	67.1	29,650	32.9	90,220	287.1	427.7
	1918	43,639	70,837	76.0	21,266	23.1	92,103	162.3	211.1
	1903	18,204	35,430	25.6	102,736	74.4	138,166	194.6	759.0
Cagayan 1.....	1918	52,233	50,599	43.0	67,026	57.0	117,625	96.9	225.2
	1903	12,863	59,683	56.1	46,688	43.9	106,371	464.0	827.0
	1918	59,179	107,782	56.7	82,433	43.3	190,215	182.1	321.4
Camarines Sur	1903	24,969	36,965	34.0	71,727	66.0	108,692	148.0	435.3
	1918	36,854	56,555	56.7	43,229	43.3	99,784	153.5	270.8
	1903	9,640	20,811	50.9	20,070	49.1	40,881	215.9	424.1
Cavite.....	1918	27,007	31,572	47.4	35,010	52.6	66,582	116.9	245.5
	1903	80,231	53,283	40.8	77,841	59.2	130,624	166.4	162.8
	1918	158,073	128,819	51.1	123,497	48.9	252,316	81.5	159.6
Cotabato.....	1903	32	383	7.2	4,903	92.8	5,286	1,196.0	16,513.8
	1918	1,776	4,301	34.2	8,262	65.8	12,563	242.2	707.4
	1903	1,309	3,769	23.1	12,574	76.9	16,343	1,379.9	1,243.6
Davao.....	1918	6,546	34,092	30.8	76,536	69.2	110,633	53.0	1,164.6
	1903	64,812	40,233	72.3	15,400	27.7	55,633	62.1	86.8
	1918	137,457	44,856	71.7	17,691	28.3	62,547	32.6	45.5
Ilocos Norte.....	1903	21,479	39,739	34.2	7,437	18.8	47,176	186.0	219.6
	1918	113,077	53,045	85.4	9,046	14.6	62,091	46.9	54.9

1 Includes Batanes for 1903.

TABLE No. 5.—Number, area, and average size of farms cultivated and uncultivated, by provinces, 1908 and 1918—Continued

Provinces.	Census year.	Total number of farms.	Area of farms.			Average size of farms.			
			Cultivated.	Per cent.	Uncultivated.	Per cent.	Total.	All lands.	
								Hectares.	Per cent.	Hectares.	Per cent.	Cultivated.	Ares.
Iloilo.	1903	34,666	57,081	32.3	119,874	67.7	176,955	164.7	510.5
	1918	82,397	131,269	46.9	148,877	53.1	280,146	159.3	340.0
Isabela.	1903	11,738	6,752	24.7	50,964	75.3	67,716	142.7	576.9
	1918	26,900	22,523	46.6	25,837	53.4	48,360	48,360	179.8
Laguna.	1903	22,025	41,016	47.5	45,410	52.5	86,426	186.2	322.4
	1918	57,456	65,695	67.6	31,483	32.4	97,178	114.3	169.1
Lansao.	1903	1,283	1,628	41.4	2,302	58.6	3,930	126.9	306.3
	1918	38,219	30,850	71.6	14,227	28.4	43,077	80.7	112.7
La Union.	1903	88,086	45,708	59.5	20,225	30.7	65,933	51.9	74.9
	1903	37,081	42,898	32.1	30,722	67.9	133,620	115.7	360.3
Leyte.	1903	83,028	105,715	49.9	106,328	50.1	212,043	127.3	255.4
	1918	25,005	14,669	44.0	18,634	56.0	33,303	58.7	133.2
Marinduque.	1903	3,090	7,429	75.8	2,369	24.2	9,798	240.4	317.1
	1918	9,284	22,220	43.9	28,390	56.1	50,610	239.3	545.1
Masbate.	1903	2,100	4,768	11.2	37,656	88.8	42,424	227.0	2,020.2
	1918	10,019	33,036	25.2	98,296	74.8	131,331	329.7	1,310.8
Mindoro.	1903	25,679	29,346	49.5	29,923	50.5	59,269	114.3	230.8
	1918	37,730	46,348	61.7	28,734	38.3	75,082	122.8	199.0
Misamis.	1903	235	445	22.5	1,529	77.5	1,974	189.4	840.0
	1918	16,107	7,268	75.8	2,322	24.2	9,590	45.1	59.5
Mountain.	1903	13,381	26,763	29.6	63,604	70.4	90,367	200.0	675.8
	1918	33,764	97,159	47.3	108,251	52.7	205,410	287.8	608.4
Nueva Ecija.	1903	1,807	2,832	64.1	1,589	35.9	4,421	156.7	244.7
	1918	5,345	5,674	68.1	2,653	31.9	8,327	106.2	155.9
Nueva Vizcaya.	1903	6,976	72,928	41.0	104,714	59.0	177,642	1,084.8	2,546.5
	1918	13,700	110,256	43.4	143,741	56.6	253,997	804.8	1,854.0
Occidental Negros.	1903	26,434	21,383	56.3	16,588	43.7	37,971	103.3	143.6
	1918	43,748	45,208	47.3	50,416	52.7	95,624	103.3	218.6
Oriental Negros.	1903	2,804	8,109	32.2	6,549	67.8	9,658	110.9	344.4
	1918	9,435	11,628	28.0	29,938	72.0	41,566	123.2	440.6
Palawan.	1903	10,081	68,840	60.4	41,837	39.6	105,677	636.4	1,053.5
	1918	28,112	100,400	67.2	49,072	32.8	149,472	357.1	531.7
Pampanga.	1903	54,712	81,472	68.0	38,299	32.0	119,771	148.9	218.9
	1918	161,167	138,812	68.4	64,238	31.6	203,050	86.1	126.0
Pangasinan.	1903	11,564	9,934	67.2	4,853	32.8	14,787	85.9	127.9
	1918	29,995	18,187	42.0	25,096	58.0	43,283	60.6	144.3

Romblon.....	1903	6,823	13,243	56.2	10,303	23,546	194.1	345.1
	1918	10,487	17,161	49.7	17,352	34,513	163.6	329.1
	1903	25,218	43,073	42.4	58,408	101,481	170.8	402.4
	1918	57,588	93,671	52.8	83,686	177,357	162.7	308.0
Sorsogon.....	1903	14,567	54,668	61.5	34,161	88,829	375.3	609.8
	1918	29,968	78,452	66.7	39,234	117,686	261.8	392.8
	1903	12	49	31.4	107	156	408.3	1,300.0
	1918	991	3,823	83.6	748	4,571	385.8	461.3
Surigao.....	1903	7,412	24,250	49.4	24,810	49,060	327.2	661.9
	1918	23,272	44,651	66.2	22,769	67,420	191.9	289.7
Tarlac.....	1903	11,160	37,332	47.3	41,591	78,923	334.5	707.2
	1918	35,305	64,477	59.7	43,478	107,955	182.6	305.8
Tayabas ¹	1903	42,236	57,575	47.7	63,179	120,754	136.3	285.9
	1918	44,698	102,122	53.3	89,556	191,678	228.5	428.8
Zambales.....	1903	24,367	27,386	59.6	18,531	45,917	112.4	188.4
	1918	30,104	27,257	74.3	9,417	36,674	90.5	121.8
Zamboanga.....	1903	3,918	9,723	53.3	8,516	18,239	248.2	455.5
	1918	10,069	21,959	61.5	13,758	36,717	218.1	354.7
Manila, City of.....	1903	537	473	64.1	265	738	88.1	137.4
	1918	660	607	78.9	162	769	92.0	116.5
Baguio, City of.....	1918	67	87	22.4	302	389	129.9	580.6
Totals.....	1903	815,453	1,298,845	45.9	1,528,859	2,827,704	159.3	346.8
	1918	1,955,276	2,415,778	52.9	2,147,945	4,563,723	123.6	233.4

¹ Includes Marinduque for 1903.

BUREAU OF INTERNATIONAL RELATIONS
 Returns
 University of California

TABLE NO. 6.—*Timber cut from public forests, by groups and species, and revenue from forest products, 1920-1921*

[Source: Bureau of Forestry]

Groups and species.	1920	1921
First group:	<i>Cubic meter.</i>	<i>Cubic meter.</i>
Acle.....	2,047	1,553
Ipil.....	24,720	28,556
Kalantas.....	8,622	5,350
Molave.....	30,173	31,826
Narra.....	12,711	16,164
Tindalo.....	1,387	2,404
Yacal.....	20,317	28,245
Other species.....	9,104	17,352
Second group:		
Dungon.....	2,607	2,726
Guijo.....	28,413	30,652
Manggachapuy.....	3,094	4,340
Other species.....	17,414	29,304
Third group:		
Apitong.....	99,775	99,652
Lumbayau.....	7,550	8,179
Pagatpat.....	4,743	5,454
Palosapis.....	7,594	5,928
Red lauan.....	52,294	57,239
Tanguile.....	40,903	47,311
Other species.....	1,978	31,000
Fourth group:		
White lauan.....	119,833	125,536
Other species.....	59,718	75,173
Total.....	554,997	653,944
Revenue from all forest products.....	₱1,009,879	₱1,413,151

TABLE NO. 7.—*Minor forest products gathered from public and private forests, 1920-1921*

[Source: Bureau of Forestry]

Product.	Unit.	1920	1921
Bees wax.....	Kilos.....		7,801
Buri.....	do.....	985,889	608,073
Cabo negro.....	do.....	120	17,963
Charcoal.....	Cu. m.....	13,354	11,151
Daluru.....	do.....	320	635
Diliman.....	Kilos.....	109,963	217,319
Dyebark.....	do.....	80,833	128,569
Dyewood.....	do.....	1,049,467	38,169
Fern trees.....	Number.....		26
Firewood.....	Cu. m.....	926,827	427,061
Gogo.....	Kilos.....	128,565	137,836
Guano.....	do.....	216	
Gum elemi.....	do.....		71,586
Gumastic.....	do.....	1,841,396	589,537
Gutta percha.....	do.....	356,568	41,271
Limestone.....	do.....	458,645	312,630
Nipa.....	Shingles.....	11,800	117,735
Rattan (split).....	Kilos.....	2,162,952	3,171,481
Rattan (unsplit).....	Meters.....	7,133,801	8,767,760
Salago bark.....	Kilos.....		350
Stone.....	do.....	51,813	32,959
Tan bark.....	do.....	1,168,504	2,302,744
Vines, miscellaneous.....	do.....		20,616
White earth.....	Cu. m.....	13,111	^a 1,200
Woodoil.....	Kilos.....	52,230	158,558

^a Number of balls.

TABLE NO. 8.—Quantities of timber cut from public and private forests, by provinces, 1920-1921

[Source: Bureau of Forestry]

Province.	1920	1921
	<i>Cu. m.</i>	<i>Cu. m.</i>
Abra.....	2,592	3,481
Agusan.....	2,047	4,000
Albay.....	8,960	12,798
Antique.....	207	1,655
Bataan.....	77,080	75,122
Batangas.....	350	693
Bohol.....	1,071	2,421
Bukidnon.....	189	42
Bulacan.....	7,669	6,760
Cagayan.....	12,602	10,666
Camarines Norte.....	2,666	4,598
Camarines Sur.....	16,805	22,537
Capiz.....	3,495	5,226
Cavite.....	25	25
Cebu.....	435	1,310
Cotabato.....	12,088	21,884
Davao.....	3,253	7,131
Ilocos Norte.....	1,709	1,889
Ilocos Sur.....	62	451
Iloilo.....	1,788	3,282
Isabela.....	4,439	6,474
Laguna.....	4,333	3,500
Lanao.....	34,135	50,598
La Union.....	349	618
Leyte.....	9,107	15,060
Marinduque.....	250	487
Mindoro.....	14,930	13,076
Misamis.....	2,840	17,258
Mountain.....	7,811	10,483
Nueva Ecija.....	2,168	2,861
Nueva Vizcaya.....	133	528
Occidental Negros.....	127,123	119,263
Oriental Negros.....	2,372	2,986
Palawan.....	25,614	28,642
Pampanga.....	2,124	8,145
Pangasinan.....	9,883	9,698
Rizal.....	763	1,454
Romblon.....	1,325	7,139
Samar.....	5,267	12,560
Sorsogon ¹	23,439	31,369
Sulu.....	5,453	7,437
Surigao.....	1,563	1,958
Tarlac.....	646	976
Tayabas.....	51,770	49,427
Zambales.....	13,114	8,360
Zamboanga.....	51,845	59,908
Total.....	557,889	656,236

¹ Includes Masbate.

TABLE NO. 9.—Exports of gold and silver from the Philippines, 1917–1921

[Source: Bureau of Customs]

Year.	Bullion.		Ore.	Coin.	Total.
	Quantity.	Value.			
	Gold.				
	<i>Ounces.</i>				
1917.....	88,658	₱2,677,234	₱24,020	₱912,714	₱3,614,018
1918.....	65,918	1,873,938	.....	.....	1,873,938
1919.....	70,783	1,843,153	100,000	.....	1,943,153
1920.....	92,317	2,323,386	20,500	.....	2,343,886
1921.....	108,968	2,610,292	51,083	11,000	2,672,375
	Silver.				
1917.....	.....	.....	.....	885	885
1918.....	.....	.....	28,000	7,500,000	7,528,000
1919.....	.....	.....	.....	403	403
1920.....	.....	.....	.....	2,540	2,540
1921.....	.....	.....	.....	.....	.....

NOTE.—One ounce of gold or silver is equivalent to 31.103495 grams.

TABLE NO. 10.—Output of mineral products, 1920–1921

[Source: Bureau of Science]

Product.	Unit.	1920		1921*	
		Quantity.	Value.	Quantity.	Value.
Metallic:					
Gold.....	Fine grams...	1,920,753	₱2,424,606	1,106,952	₱1,338,471
Iron.....	Metric tons...	87	40,191	123	39,225
Silver.....	Fine grams...	307,343	19,261	457,212	22,861
Total value.....			2,484,058		1,400,557
Non-metallic:					
Bituminous rock.....	Metric tons...	2,000	30,000	.....	11,250
Clay products.....	Number.....	.....	570,880	.....	68,066
Coal.....	Metric tons...	58,088	1,452,200	40,011	807,302
Lime.....	Metric tons...	3,001	10,872	.....	111,278
Mineral waters.....	Liters.....	479,871	121,259	639,513	170,406
Salt.....	Metric tons...	62,383	1,401,307	.....	585,980
Sand and gravel.....	Cubic meters..	627,774	1,228,332	472,186	977,435
Stone.....	Cubic meters..	49,373	311,861	22,120	154,400
Total value.....			5,126,711		2,886,157

* Partial figures; subject to correction in a later issue.

FOREIGN COMMERCE

[All quantities and values of imports and exports in this Bulletin were secured from the Bureau of Customs]

TABLE No. 11.—Foreign trade of the Philippines, and trade balance for each year, 1917 and 1921

Year.	Imports.		Exports.		Total trade.	Annual increase (+) or decrease (—).		Trade balance in favor of (+) or against (—) Islands.
	Imports.	Exports.	Amount.	Per cent.		Annual increase (+) or decrease (—).		
						Amount.	Per cent.	
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.....	237,278,104	226,235,652	463,513,756	—	4,973,631	8.71	11,042,452	
1920.....	238,876,565	302,247,711	601,124,276	+	137,610,520	29.69	3,371,146	
1921.....	231,677,148	176,230,645	407,907,793	—	138,216,483	32.14	55,446,503	

TABLE No. 12.—Foreign trade of the Philippines, by countries, 1920 and 1921

Countries.	1920			1921		
	Imports.	Exports.	Total trade.	Imports.	Exports.	Total trade.
United States.....	₱184,579,556	₱210,432,525	₱395,012,081	₱148,260,030	₱100,713,586	₱248,973,616
Hawaii.....	3,664,866	645,759	4,310,625	1,853,003	551,758	2,404,761
Japan.....	32,178,231	14,886,041	47,064,272	21,269,531	13,825,435	35,094,966
China.....	21,487,364	4,438,117	25,915,481	19,096,018	5,150,260	24,246,278
United Kingdom.....	10,279,596	24,279,976	34,559,572	8,596,964	9,295,884	17,892,848
Netherlands.....	435,291	6,857,132	7,292,423	406,152	10,453,723	10,859,875
Hongkong.....	1,074,539	19,885,677	20,960,216	1,046,240	8,907,867	9,954,107
Spain.....	1,475,322	11,403,359	12,878,681	1,311,480	8,236,945	9,548,425
France.....	3,841,401	1,987,081	5,828,482	2,465,362	5,346,596	7,812,958
French East Indies.....	9,356,286	8,70,598	10,226,884	6,318,686	138,212	6,516,898
Australasia.....	8,078,879	2,120,903	10,199,782	4,462,068	1,373,887	5,836,955
Dutch East Indies.....	4,798,121	726,191	5,524,312	5,403,261	410,176	5,813,437
British East Indies.....	5,740,140	3,905,307	9,645,447	2,685,131	2,788,552	5,373,683
Siam.....	8,629,896	103,554	8,733,450	4,120,086	76,512	4,196,598
Germany.....	693,525	2,094,298	2,787,824	1,250,200	6,178,925	7,429,125
Switzerland.....	1,829,901	60,987	1,890,888	1,815,036	60,367	1,875,403
Canada.....	192,792	1,814,398	2,007,190	652,304	583,775	1,236,079
Belgium.....	26,141	786,769	812,910	102,705	616,384	719,089
Italy.....	211,048	452,659	663,707	157,803	312,001	469,804
Other countries.....	303,399	506,380	809,779	505,088	1,149,800	1,654,888
Total.....	298,876,565	302,247,711	601,124,276	231,677,148	176,230,645	407,907,793

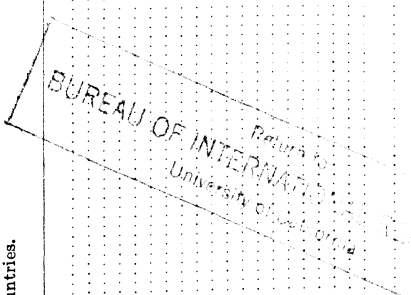


TABLE No. 13.—Foreign trade of the Philippines, by ports of entry, 1920 and 1921

Ports of entry.	1920			1921		
	Imports.	Exports.	Total trade.	Imports.	Exports.	Total trade.
	P270,287,095	P207,376,335	P477,663,430	P206,627,111	P110,552,025	P317,179,136
16,477,995	63,946,496	80,424,491	15,921,552	33,599,102	49,520,654	
9,090,365	29,371,726	38,462,091	7,225,958	29,715,371	36,941,329	
615,049	600,452	1,215,501	575,970	716,980	1,292,950	
2,343,307	912,890	3,256,197	1,302,573	1,630,542	2,933,115	
62,754	39,812	102,566	23,984	16,625	40,609	
298,876,565	302,247,711	601,124,276	231,677,148	176,230,645	407,907,793	
Total.....						

TABLE NO. 14.—Foreign trade of the Philippines, by months, 1920 and 1921

Month.	1920		
	Imports.	Exports.	Total trade.
January.....	₱20,442,867	₱26,569,989	₱47,012,856
February.....	14,357,570	15,866,522	30,224,092
March.....	24,731,613	24,018,024	48,749,637
April.....	15,566,801	33,365,232	48,932,033
May.....	21,479,345	20,388,166	41,867,511
June.....	20,714,964	52,898,653	73,613,617
July.....	32,647,649	40,256,648	72,904,292
August.....	20,484,610	22,314,056	42,798,666
September.....	28,265,286	15,272,342	43,537,628
October.....	33,509,469	19,590,466	53,099,935
November.....	40,827,608	13,841,033	54,668,641
December.....	25,848,783	17,866,585	43,715,368
Total.....	298,876,565	302,247,711	601,124,276

Month.	1921		
	Imports.	Exports.	Total trade.
January.....	₱27,789,997	₱13,519,401	₱41,309,398
February.....	32,726,293	17,017,186	49,743,479
March.....	22,131,690	9,867,741	31,999,431
April.....	20,651,381	14,212,537	34,863,918
May.....	15,513,759	15,872,648	31,386,407
June.....	21,232,802	18,428,815	39,661,617
July.....	25,725,372	16,818,494	42,543,866
August.....	23,268,811	13,608,385	36,877,196
September.....	11,558,181	14,928,603	26,486,784
October.....	9,440,162	12,261,421	21,701,583
November.....	10,287,703	16,064,623	26,352,326
December.....	11,350,997	13,630,791	24,981,788
Total.....	231,677,148	176,230,645	407,907,793

TABLE NO. 15.—Monthly importation of rice, 1920 and 1921

Month.	1920		1921	
	Quantity.	Value.	Quantity.	Value.
	<i>Kilos.</i>		<i>Kilos.</i>	
January.....	142,371	₱53,866	8,329,409	₱1,241,150
February.....	214,955	83,164	11,781,403	1,326,239
March.....	213,534	97,028	9,844,380	1,079,778
April.....	84,442	34,384	10,244,056	973,426
May.....	114,857	47,444	8,606,462	844,365
June.....	2,064,100	486,753	4,594,457	473,981
July.....	9,404,241	2,136,675	1,919,456	195,444
August.....	10,856,811	2,532,285	1,058,699	128,448
September.....	9,655,033	2,192,335	636,183	70,914
October.....	21,405,175	4,581,856	637,195	74,478
November.....	13,622,678	2,342,993	612,905	85,750
December.....	9,556,155	1,740,987	1,263,212	155,422
Total.....	77,834,352	16,329,770	59,527,817	6,649,395

NOTE.—The great bulk of rice imports come from Siam and French East Indies, each country furnishing about one-half.

TABLE NO. 16.—Quantities and values of rice imported into the Philippines, and their annual average import values and percentage to total imports, 1917-1921

Year.	Quantity.		Value.	Average value per—		Percentage of total imports.
	Metric tons.*	Equivalent in cavans.		Metric ton.	Cavan.	
1917.....	146,986	2,556,278	₱10,781,463	₱73.35	₱4.22	8.19
1918.....	183,732	3,195,331	16,433,585	89.44	5.14	8.33
1919.....	50,819	883,804	8,817,362	173.51	9.98	3.72
1920.....	77,334	1,344,944	16,329,770	211.16	12.14	5.46
1921.....	59,528	1,035,266	6,649,395	111.70	6.42	2.87

* One metric ton is equivalent to 1,000 kilos; 1 cavan weighs 57.5 kilos.

TABLE NO. 17.—*Values of principal articles imported into the Philippines, and the percentage of each to the total imports, 1920 and 1921*

Articles.	1920		1921 ^b	
	Value.	Per cent.	Value.	Per cent.
Agricultural implements, and parts of	₱1,426,509	0.48	₱700,421	0.30
Animals—				
Carabao	746,595	.25	758,862	.33
Other cattle	870,594	.29	3,315,863	1.43
Books, and other printed matter	2,241,236	.75	3,013,988	1.30
Brass, and manufactures of	1,011,117	.34	932,637	.40
Breadstuffs—				
Wheat flour	9,443,515	3.16	7,017,174	3.03
Other breadstuffs	1,728,822	.58	1,358,513	.59
Cars, carriages, other vehicles, and parts of—				
Automobiles, parts of, tires for	14,921,366	4.99	9,645,260	4.16
Other cars, carriages, etc. and parts of	3,417,881	1.14	3,345,418	1.44
Cement	3,240,458	1.08	2,005,264	.87
Chemicals, drugs, dyes, and medicines	4,384,216	1.47	3,349,384	1.45
Clocks and watches, and parts of	1,112,316	.37	508,305	.22
Coal	10,792,077	3.61	6,987,004	3.02
Cocoa or cacao	1,773,068	.59	797,527	.35
Coffee	1,472,514	.49	760,593	.33
Copper, and manufactures of	601,295	.20	794,014	.35
Cotton, and its manufactures—				
Cotton clothes *	50,142,465	16.78	25,463,804	10.99
Other manufactures *	18,653,291	6.24	12,184,397	5.26
Diamonds, and other precious stones, unset	3,357,680	1.12	517,893	.22
Earthen, stone, and chinaware	962,516	.32	781,366	.34
Eggs	1,805,578	.60	1,695,605	.73
Fibers, vegetables, and its manufactures	4,117,320	1.38	3,507,000	1.51
Fish and fish products	5,706,114	1.91	2,965,912	1.28
Fruits and nuts	2,616,251	.88	2,115,644	.91
Glass and glassware	2,343,823	.78	1,812,285	.78
Gold, platinum and silver, and manufactures of	945,111	.32	378,899	.16
Hats and caps, and parts of	1,300,225	.44	617,369	.27
India rubber, and its manufactures, except automobile tires	1,587,019	.53	1,325,864	.57
Instruments and apparatus—				
Electrical	2,643,067	.88	3,401,911	1.47
Motion-picture, and films for	429,142	.14	635,428	.27
All others	1,014,173	.34	1,218,051	.53
Iron and steel, and their manufactures *	43,759,204	14.64	44,109,807	19.04
Machinery and parts	21,794,208	7.29	18,946,957	8.18
All other iron and steel	21,964,996	7.35	25,162,850	10.86
Leather, and its manufactures	3,130,304	1.05	1,786,461	.77
Meat and dairy products—				
Meat products	5,245,317	1.75	6,255,609	2.70
Dairy products	6,358,436	2.12	4,325,411	1.87
Musical instruments, and parts of	494,879	.17	508,349	.22
Oils—				
Illuminating	7,715,706	2.58	9,014,714	3.89
Lubricating and heavy paraffin	1,248,260	.42	3,943,456	1.70
Naphthas, including all lighter products of distillation	7,666,168	2.57	8,832,227	3.81
All other oils	3,431,129	1.15	2,014,531	.87
Paints and pigments	1,743,389	.58	888,592	.38
Paper, and its manufactures	4,964,112	1.66	6,066,029	2.62
Perfumery and toilet preparations	1,024,661	.34	1,530,011	.66
Photographic equipments and supplies	435,338	.15	446,066	.19
Plated ware, gold and silver	809,174	.27	328,300	.14
Rice	16,329,770	5.46	6,649,395	2.87
Silk, and its manufactures	6,036,511	2.02	3,721,538	1.61
Soap	1,376,948	.46	710,879	.31
Spirits, wines and liquors	1,296,570	.43	1,564,629	.68
Sugar and molasses	1,557,855	.52	984,538	.42
Tobacco, and its manufactures—				
Leaf tobacco	1,745,133	.58	1,089,945	.47
All other	1,984,285	.66	3,211,824	1.39
Vegetables	3,464,764	1.16	2,825,998	1.22
Wax	468,980	.16	216,893	.09
Wood, and its manufactures	1,862,950	.62	1,731,758	.75
Wool, and its manufactures	3,141,136	1.05	1,645,701	.71
All other imports	14,778,232	4.98	13,362,832	5.77
Total	298,876,565	100.00	231,677,148	100.00

* For quantities, see page 29.

^b Subject to alteration in a later issue.

TABLE NO. 18.—Imports of iron and steel and cotton, and their manufactures, 1920 and 1921

Articles.	1920		1921	
	Quantity.	Value.	Quantity.	Value.
Iron and steel goods.				
Machinery:				
Adding and computing machines.....		P141,310		P89,960
Electrical.....		754,170		1,281,149
Oil-extracting.....		836,535		157,463
Metal working.....		191,095		220,681
Printing presses.....		315,810		381,429
Pumps and pumping.....		369,142		521,933
Rice threshers, hullers and cleaners.....		403,617		243,962
Sewing machines.....		1,181,098		1,281,052
Steam and other engines—				
Locomotives and parts.....	a 28	826,557	a 54	1,340,351
Stationary, marine, and parts.....	a 968	2,104,967	a 703	883,641
Traction, portable, and parts.....	a 1,840	4,627,597	a 734	2,069,012
Boilers and parts.....		611,121		903,409
All other engines and parts.....		694,964		752,648
Sugar.....		4,863,947		3,564,142
Typewriting machines and parts.....		394,031		461,078
Woodworking machinery.....		286,563		631,304
All other.....		3,191,684		4,163,743
Bars or rods of steel.....	b 15,011,304	2,949,554	b 19,761,668	3,446,793
Sheets and plates.....	b 8,111,757	2,849,715	b 16,954,170	5,040,147
Nails, spikes and tacks.....	b 2,402,863	682,071	b 4,019,728	1,207,365
Pipes and fittings.....	b 4,387,395	1,602,384	b 5,176,827	1,919,541
Rails, switches, fish plates, and sleepers.....	b 22,451,041	3,196,580	b 14,284,320	2,800,371
Castings.....		453,908		308,149
Chains.....		165,146		226,686
Locks, butts, hinges, hasps, hooks, and catches.....		334,761		418,358
Nuts, bolts, washers, and rivets.....		440,103		653,560
Safes.....	a 2,968	102,566	a 1,836	265,801
Scales and balances.....		136,856		152,241
Stoves and ranges.....		84,391		179,523
Structural iron and steel.....	b 7,138,851	1,711,891	b 4,432,355	1,449,083
Wires and their manufactures.....	b 2,733,667	1,315,499	b 3,843,303	1,549,150
Tools.....		1,626,811		1,738,301
Enameled utensils.....		567,653		446,175
Cutlery.....		421,763		367,752
Tin plates, manufactures of.....		416,662		187,696
All other iron and steel.....		2,906,682		2,806,159
Cotton goods.				
Raw cotton.....	b 95,069	152,568	b 176	186
Cotton manufactures:				
Cloths—				
Bleached.....	e 8,158,875	5,259,677	e 6,811,920	1,910,415
Bleached.....	e 36,107,167	26,473,713	e 25,067,699	11,669,728
Dyed or manufactured with dyed yarns.....	e 19,052,161	14,725,253	e 18,778,678	8,297,370
Printed.....	e 5,539,759	3,683,822	e 10,646,175	3,586,291
Yarns—				
Unbleached.....	b 565,751	1,745,041	b 733,501	823,503
Bleached.....	b 169,156	562,991	b 82,755	171,198
Dyed or colored.....	b 714,160	1,731,944	b 351,326	997,067
Mercerized.....	b 28,684	158,854	b 3,062	79,270
Raiment articles—				
Undershirts and drawers.....		4,222,262		3,599,789
Stockings and socks.....		1,046,544		623,393
Coats, trousers, and vests.....		138,673		95,175
Collars, cuffs, and shirts.....		467,430		215,630
Other men's wearing apparel.....		761,620		279,777
Dresses, skirts, and waists.....		150,582		84,124
Other women's wearing apparel.....		156,241		72,015
Water proof garments.....		522,413		191,424
Embroideries.....		759,613		765,133
Handkerchiefs.....		508,214		242,858
Laces.....		447,150		345,865
Thread.....		2,059,554		1,654,915
Towels.....		348,140		247,852
All other manufactures.....		2,713,457		1,695,223

a Number.

b Kilos.

c Square meters.

NOTE.—For the total value of imports of iron and steel and cotton goods, see Table No. 17, page 28.

TABLE No. 19.—Quantities and values of the leading domestic products exported, 1917-1921

Year.	To all countries.				To the United States.				
	Quantity. (Kilos.)	Value. (Pesos.)	Average value per ton.	Per cent of total exports.	Quantity.		Value.		Average value per ton.
					Kilos.	Per cent.	Pesos.	Per cent.	
Abaca (Manila hemp).									
1917	169,435,204	93,615,559	Ƴ552.51	48.96	95,580,320	56.41	59,291,095	63.33	Ƴ620.32
1918	189,260,377	116,383,100	687.60	43.04	86,823,997	51.30	65,468,402	56.25	764.03
1919	121,247,668	53,703,062	442.92	23.74	65,509,134	54.03	32,390,957	60.31	494.44
1920	141,485,785	71,724,000	506.93	23.73	67,041,769	47.38	41,228,052	57.48	614.96
1921	100,401,940	25,969,385	258.65	14.74	34,553,262	34.42	10,914,117	42.03	815.82
Coconut oil.									
1917	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	547.63
1919	139,942,612	73,719,504	526.78	32.59	85,376,904	61.01	45,797,323	62.12	536.41
1920	77,571,405	46,637,773	599.93	15.40	71,944,801	92.76	43,366,086	93.18	602.77
1921	90,292,242	32,103,036	355.55	18.22	80,504,458	89.16	27,907,379	86.93	346.66
Copra.									
1917	92,180,326	16,654,301	180.67	8.71	68,253,929	74.04	12,235,902	73.47	179.27
1918	55,061,736	10,377,029	188.46	3.84	55,061,641	99.99	10,377,011	99.99	188.46
1919	25,094,027	8,839,376	352.25	3.91	2,313,967	9.22	818,246	9.26	353.61
1920	25,803,044	7,433,741	288.10	2.46	1,433,311	5.55	382,409	5.14	266.80
1921	150,335,314	26,146,913	173.92	14.84	52,323,670	36.21	8,666,564	33.14	163.72
Sugar.									
1917	205,908,492	24,555,357	119.26	12.84	62,377,758	30.29	10,811,518	44.03	173.83
1918	273,258,896	31,608,780	115.67	11.69	106,080,676	38.82	16,559,780	52.39	166.11
1919	136,060,322	30,415,701	223.55	13.44	32,159,363	23.64	7,717,934	25.37	239.99
1920	180,340,670	99,238,520	550.28	32.83	123,947,209	68.73	78,697,869	79.30	634.93
1921	289,876,158	51,037,454	176.07	28.96	150,478,681	51.91	33,752,357	66.13	224.80

TABLE No. 20.—Quantities and values of cigars, and all tobacco and its manufactures exported, 1917-1921

Year.	To all countries.				All tobacco and its manufactures.	
	Cigars.			Percentage of total value of all tobacco exported.	Total value.	Percentage of total exports.
Quantity (thousand).	Value.	Average value per 1,000 cigars.	Percentage of total value of all tobacco exported.				Total value.	Percentage of total exports.
1917.....	294,525	\$9,588,192	33.70	67.05	\$14,301,081	7.48
1918.....	360,145	14,252,637	39.57	52.46	27,169,826	10.04
1919.....	392,339	18,157,707	46.28	57.85	31,390,084	13.87
1920.....	421,545	25,442,276	60.35	63.84	39,854,782	13.19
1921.....	154,400	6,426,452	41.62	38.80	16,564,434	9.40
To the United States.						
1917.....	202,199	7,725,966	38.29	71.07	10,544,945	73.74
1918.....	248,748	11,365,675	45.69	69.16	14,667,875	54.02
1919.....	263,943	13,828,639	52.39	67.27	14,021,093	44.67
1920.....	316,863	21,092,607	66.57	75.17	22,133,305	55.54
1921.....	67,737	3,932,069	58.05	43.87	4,076,800	24.61

^a Percentage of total quantity of cigars exported.
^b Percentage of total value of cigars exported.
^c Percentage of total value of all tobacco exported.

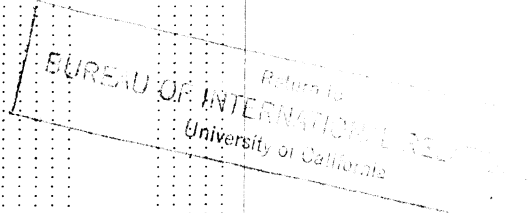


TABLE NO. 21.—Quantities and values of other domestic articles exported from the Philippines and percentage of each to the total exports, 1920 and 1921

Articles.	Unit.	1920		1921*		
		Quantity.	Value.	Quantity.	Value.	Per cent.
Beche-de-mer.....	Kilos.....	252,764	₱192,366	190,918	₱131,347	0.07
Beeswax.....	do.....	13,616	16,063	12,783	18,670	.01
Copper, scrap and old.....	do.....	70,428	42,274	272,503	124,636	.07
Copra meal.....	do.....	36,981,990	2,395,122	44,419,166	1,208,930	.69
Cordage.....	do.....	2,003,444	1,373,706	1,793,254	918,844	.52
Embroideries.....	do.....	15,623,567	15,623,567	10,696,207	10,696,207	6.06
Fruits.....	do.....	176,297	176,297	137,321	205,258	.12
Glue.....	Kilos.....	151,459	72,623	137,321	36,825	.02
Gum copal.....	do.....	1,019,834	367,664	542,700	140,607	.08
Hats.....	Number.....	688,711	1,539,596	217,465	608,724	.35
Hemp, knotted.....	Kilos.....	64,892	183,225	50,299	100,267	.06
Lumber.....	Cu. m.....	32,620	1,824,845	27,693	1,567,533	.89
Malt liquors.....	Kilos.....	10,808,725	2,737,844	11,991,414	1,848,794	1.04
Metals, metal compositions and manufactures.....	Liters.....	175,047	125,387	39,871	34,127	.02
Oils:			15,223		108,557	.06
Candlenut.....	Kilos.....	158,474	116,327	415	161	(b)
Ilang-ilang.....	do.....	1,878	120,077	1,571	57,554	.03
Pacol.....	do.....	68,198	16,820	133,079	9,662	.01
Pearls.....	do.....		172,866		3,444	(b)
Pearl buttons.....	Gross.....	379,296	546,171	226,699	245,905	.14
Pili nuts.....	Kilos.....	276	161	17,949	17,949	.01
Rubber crude.....	do.....	59,964	89,550	40,627	25,700	.01
Sapan wood.....	do.....	931,449	41,647	203,045	5,781	(b)
Shells.....	do.....	488,205	419,490	375,335	204,012	.12
Spirits, distilled.....	Pf. liter.....	6,894	4,686	211,806	87,895	.08
Cigarettes.....	Number.....	124,770,669	339,371	40,316,808	115,964	.07
Leaf tobacco.....	Kilos.....	19,939,788	13,480,965	21,931,898	9,522,812	5.40
Other tobacco.....	do.....	847,586	591,970	969,070	499,206	.28
All other domestic merchandise.....	do.....		3,064,868		1,566,969	.89
Exports of foreign merchandise.....			6,183,130		4,465,365	2.53

* Figures are subject to correction in a later issue.

b Less than one-hundredth of 1 per cent.

c Cigars not included.

TABLE No. 22.—Summary of manufactures, by general groups, 1903 and 1918
 [Sources: Censuses of 1903 and 1918]

Groups of industries.	Census year.	Number of establishments.	Wage earners.		Cost of materials used.*	Value of products.		Value added by manufacture.		Percent of increase (+) or decrease (-).		
			Average number.	Percent of total.		Amount.	Percent of total.	Amount.	Percent of total.	Wage earners (average number).	Value of products.	Value added by manufacture.
Food and kindred products.	1903	1,531	48,004	60.0	\$2,228,963	\$10,020,149	24.0	\$7,791,186	46.8	77.8	+1,319.8	+1,373.2
	1918	4,401	79,563	55.5	27,505,701	142,261,694	39.9	114,765,998	58.8	80.7	+3,348.3	+1,378.2
Textiles.	1903	233	7,902	4.4	790,228	1,618,582	3.9	828,354	5.0	51.2	+148.9	+1,378.2
	1918	1,000	8,650	6.0	43,569,338	55,814,087	15.7	12,244,749	6.3	21.9	+55.8	+155.2
Iron and steel and their products.	1903	75	1,469	1.8	364,836	1,095,045	2.6	730,209	4.4	66.0	+317.9	+548.4
	1918	208	2,288	1.6	2,178,829	4,042,026	1.2	1,863,197	9.5	50.8	+89.4	+296.6
Lumber and its remanufactures.	1903	133	2,039	2.6	1,596,662	3,177,606	7.6	1,580,944	5.3	57.3	+76.3	+215.2
	1918	334	8,520	5.9	7,625,499	17,876,097	5.0	10,250,598	3.9	52.6	+14.5	+256.8
Leather and its finished products.	1903	243	1,681	2.2	591,641	1,249,058	3.0	2,607,450	1.3	41.7	+284.0	+5,022.4
	1918	470	3,183	2.2	3,638,061	6,245,511	1.8	2,932,240	5.6	79.3	+3.6	+16.9
Printing, etc., and photo studios.	1903	53	1,186	1.5	242,679	1,173,011	2.8	930,332	1.5	65.1	+168.2	+1,110.3
	1918	140	2,091	3.2	1,566,333	4,498,573	11.5	2,309,676	13.9	48.2	+48.5	+204.6
Liquors and beverages.	1903	331	2,541	3.2	2,478,042	4,787,718	11.5	3,240,737	4.3	59.2	+4.0	+38.9
	1918	151	2,172	1.5	5,666,614	13,907,351	3.9	573,401	3.4	45.9	+75.7	+133.9
Chemicals and allied products.	1903	253	1,731	2.2	676,050	1,249,451	3.0	16,904,393	8.6	26.4	+79.5	+1,072.4
	1918	555	6,649	4.6	47,097,478	64,001,871	17.9	443,501	2.7	81.8	+2.7	+3.6
Stone, clay, and glass products.	1903	50	1,209	1.5	98,496	541,987	1.3	372,890	2.2	71.3	+168.2	+1,261.9
	1918	65	1,207	1.5	99,411	522,301	1.1	104,197	6.6	52.7	+48.5	+239.2
Metals and metal products, other than iron and steel.	1903	82	2,445	3.3	93,224	197,421	5.7	1,419,060	7.6	59.3	+4.0	+22.7
	1918	243	4,366	3.1	970,346	2,389,406	7.0	4,400,334	26.4	50.3	+75.7	+133.9
Tobacco manufactures.	1903	113	10,150	12.7	4,339,682	8,740,516	21.0	14,925,321	7.6	56.0	+48.5	+204.6
	1918	70	14,567	10.2	11,697,454	26,628,275	7.6	383,980	1.6	55.2	+4.0	+38.9
Vehicles for land transportation.	1903	77	745	.9	213,977	477,937	1.1	264,017	1.2	48.7	+75.7	+133.9
	1918	163	340	2.18	340,218	664,235	1.2	324,017	1.6	48.7	+75.7	+133.9
Miscellaneous industries.	1903	835	5,431	6.8	11,334,972	7,371,704	17.7	8,376,134	4.3	48.5	+79.5	+1,072.4
	1918	554	9,434	6.6	8,871,872	17,248,006	4.8	16,650,273	100.0	39.9	+79.5	+1,072.4
ALL INDUSTRIES	1903	3,259	79,906	100.0	825,049,452	41,700,225	100.0	195,217,279	100.0	39.9	+79.5	+1,072.4
	1918	8,354	143,465	100.0	160,877,154	356,094,433	100.0	195,217,279	100.0	39.9	+79.5	+1,072.4

a Figures for 1903 represent cost of materials purchased.

b Cost of materials for sugar mills not available.

c Abacá presses not included for lack of data.

d The cost of materials exceeds the value of products by \$3,963,268; evidently, not all the materials purchased were manufactured.

TABLE No. 23.—*Summary of manufactures, by provinces, 1903 and 1918*

[For reference notes, see page 36]

Provinces.	Census year.	Number of establishments.	Wage-earners (average number).	Capital.	Salaries, wages, and other expenses.	Monthly average wages.	Cost of materials used.*	Value of products.	Value added by manufacture.	Per cent of increase.	
										Wage-earners (average number).	Value of products.
Abra.....	1903	4	18	P3,735	(b)	P172	P1,516	P5,433	P3,917	172.2	1,356.2
	1918	28	49	15,630	P15,539	1,334	57,880	79,114	21,234	.....	.....
	1903	6	27	19,280	6,807	670	26,431	49,595	23,164	.....	.....
	1903	47	248	88,293	(b)	4,657	210,786	263,396	42,610	.....	.....
	1918	87	393	304,679	237,026	14,975	313,824	2,118,010	1,804,186	58.5	735.8
	1903	71	431	397,376	(b)	9,128	286,024	702,006	415,982	.....	.....
	1918	106	862	495,959	449,930	22,125	428,027	2,354,747	1,926,720	.....	.....
*1903	14	608	4,299	(b)	4,299	(b)	26,018	.....	.....	.....	.....
	1918	70	1,485	472,435	51,201	16,548	123,630	178,012	54,382	144.2	584.2
Bataan.....	1903	28	858	173,335	(b)	11,426	71,035	173,029	100,994	117.4	1,389.5
	1918	85	1,865	3,201,198	598,174	54,856	757,000	2,562,283	1,805,283	.....	.....
	1903	57	351	79,057	(b)	4,568	101,697	174,801	73,104	.....	.....
	1918	997	5,464	2,920,786	424,627	129,552	2,172,986	5,896,623	3,723,687	1,456.7	3,273.3
	1903	21	240	85,941	22,846	4,303	51,712	136,940	85,228	.....	.....
	1903	136	1,519	603,557	(b)	22,212	623,016	1,193,552	570,536	.....	.....
	1918	403	4,649	3,417,017	1,037,001	190,025	2,580,763	13,819,532	11,238,769	206.1	1,057.9
1903	13	100	105,828	(b)	27,942	2,584	27,942	21,103	.....	.....	.....
	1918	63	435	287,101	78,274	3,095	192,422	438,432	246,060	335.0	794.1
Capiz.....	1903	17	161	213,610	(b)	1,897	48,455	121,238	72,833	888.8	932.1
	1918	93	1,592	1,182,975	266,793	28,852	312,859	1,251,839	938,980	.....	.....
	1903	68	3,614	11,271,630	(b)	179,299	9,112,673	3,747,208	(d)	.....	.....
	1918	288	1,726	1,386,833	201,777	63,889	513,411	3,385,727	2,872,316	.....	.....
	1903	154	1,828	900,068	(b)	21,194	289,236	696,282	408,996	.....	.....
	1918	316	5,498	17,752,498	1,221,310	99,729	10,215,137	14,230,349	4,015,212	200.8	1,937.9
	1918	4	20	80,300	(b)	1,871	2,519	388,150	335,631	.....	.....
Davao ^b	1918	44	171	144,243	118,087	10,445	218,790	385,919	167,129	.....	.....
Ilocos Norte.....	1903	3	11	1,724	(b)	80	2,528	7,992	5,464	4,718.2	3,003.8
	1918	27	530	295,180	138,833	8,204	145,134	248,056	102,922	.....	.....
	1903	23	261	154,921	(b)	3,949	193,671	384,883	141,212	.....	.....
	1918	136	705	352,662	123,425	11,245	252,455	481,647	239,192	170.1	48.8
	1903	159	3,455	1,383,839	(b)	27,118	330,038	1,165,232	833,194	.....	.....
	1918	385	8,994	4,962,950	1,152,048	203,931	2,575,194	5,685,324	3,060,790	160.3	384.5
	1918	20	49	29,541	(b)	989	47,344	78,621	31,277	.....	.....
1903	128	1,252	419,849	(b)	21,887	319,176	467,163	147,987	.....	.....	.....
	1918	588	4,104	10,398,577	2,339,231	144,957	6,044,061	67,863,999	61,809,938	227.8	14,424.7

La Union	1918	10	749	776,400	214,822	17,067	43,767	493,957	156,196	361.5	709.0
	1903	14	65	17,210	(b)	480	(b)	6,600	29,105		
	1918	3	300	75,393	12,165	3,967	24,288	53,393	67,781	397.4	22,036.6
Leyte	1903	33	266	257,197	211,026	30,637	76,087	31,847,471	1,948,612	78.0	525.5
	1918	129	1,323	1,077,975	(b)	60,637	29,898,859	23,591,807	11,660,763		
MANILA	1903	876	19,640	20,005,306	33,934,168	411,148	11,931,044	147,564,455	60,267,140		
	1918	1,586	34,952	117,268,013	13,319	1,376,168	87,237,315	147,564,455	3,902		
Marinduque ^b	1918	15	58	21,637	(b)	1,068	85,487	3,938	6,842	21,357.1	2,651.6
	1903	3	7	7,243	(b)	120	3,998	10,840	208,234		
Masbate	1918	21	1,502	605,645	716,750	44,784	90,037	298,271	143,653	62.8	463.1
	1918	16	43	27,668	9,374	2,351	51,070	17,919	81,715		
Mindoro ^b	1918	9	86	26,583	700	7,000	13,549	27,919	17,630		
Misamis	1903	31	140	100,546	43,268	3,961	75,500	157,1215	474,843	293.0	6,706.6
	1918	25	879	1,542,246	346,569	13,805	170,336	645,179	38,708		
Mountain ^b	1903	30	162	110,174	125,528	2,283	22,472	61,177	3,916,022		
	1918	72	676	661,707	(b)	84,839	248,038	4,164,060	4,717,026	5.0	173.7
Nueva Ecija	1903	575	29,294	11,330,636	230,165	97,330	97,330	4,814,416	7,875,530	2.2	152.2
	1918	513	30,764	24,928,365	4,454,500	658,135	5,302,682	13,178,212	890,940		
Ocidental Negros	1903	81	3,100	1,043,414	364,752	28,612	29,355	420,295	525,079		
	1918	59	3,169	2,567,455	(b)	42,010	634,744	1,069,823	17,630		
Palawan ^b	1903	3	51	44,430	(b)	21,312	7,079	24,709	866,260	128.3	897.7
	1918	230	6,736	2,712,266	(b)	1,760	248,453	1,114,713	7,858,937		
Pampanga	1903	615	15,375	6,214,285	1,099,802	368,804	2,147,889	10,006,826	647,994	— 8.5	291.1
	1918	132	1,267	684,642	(b)	12,254	423,888	1,071,882	3,378,984		
Pangasinan	1903	146	1,160	1,390,191	421,662	49,451	812,843	4,191,827	291,203	146.0	839.5
	1918	437	3,961	4,932,255	(b)	27,202	237,697	528,900	2,042,422		
Rizal	1903	91	1,610	321,555	1,009,048	118,140	2,926,782	4,969,204	9,245	86.3	72.5
	1918	11	422	28,983	(b)	1,676	16,928	26,363	26,363		
Romblon	1903	12	58	36,930	11,273	1,215	18,784	45,147	8,560	2,460.7	2,752.0
	1918	3	28	5,000	(b)	456	11,940	20,500	249,532		
Samar	1903	149	717	208,081	82,296	11,060	335,124	584,656	33,326	217.5	3,779.0
	1918	39	331	123,730	365,527	5,740	92,910	126,236	2,993,092		
Sorsogon	1903	74	1,051	2,277,870	(b)	28,276	1,903,550	4,896,642	135,294	4,922.2	1,752.9
	1918	3	9	4,500	(b)	170	6,081	11,040	4,959		
Sulu	1903	18	452	139,486	81,304	5,509	69,268	204,562	20,579	92.6	111.9
	1918	10	367	14,100	(b)	1,928	7,835	28,414	(c)		
Surigao	1903	8	27	52,350	(b)	660	60,499	60,200	124,146	299.2	2,231.7
	1918	52	847	154,408	(b)	10,676	50,963	175,109	3,708,662		
Tarlac	1903	145	3,381	1,356,611	175,826	101,085	374,323	4,082,985	133,198	275.3	901.6
	1918	90	627	233,346	(b)	10,200	118,697	251,895	1,726,228		
Tayabas	1903	450	2,353	802,702	530,130	75,854	796,673	2,522,901	5,905	940.0	1,109.9
	1918	3	10	6,910	(b)	121	7,886	95,417	66,655		
Zambales	1903	15	104	70,871	16,111	3,332	28,762	118,897	87,776	410.1	395.0
	1918	35	168	52,263	(b)	2,380	31,121	106,993	481,570		
Zamboanga	1903	6	857	989,919	193,802	28,120	106,993	588,563			

TABLE No. 23.—*Summary of manufactures, by provinces, 1903 and 1918—Continued*

Provinces.	Census of establishments.	Number of establishments.	Wage-earners (average number).	Capital.	Salaries, wages, and other expenses.	Monthly average wages.	Cost of materials used. ^a	Value of products.	Value added by manufacture.	Per cent of increase.	
										Wage-earners (average number).	Value of products.
Other provinces.....	{ 1903 } 1918	8 20	99 505	₱76,983 5,998,396	(b) ₱339,575	₱2,074 29,270	₱9,220 434,993	₱25,320 2,602,147	₱16,100) 2,167,154)	410.1	10,177.0
Total.....	{ 1903 } 1918	3,259 8,354	79,906 143,465	53,159,580 222,473,592	(b) 53,300,517	1,146,658 4,121,673	25,049,452 160,877,154	41,700,215 356,094,433	16,650,763) 195,217,279)	79.5	753.9

^a Figures for 1903 represent cost of materials purchased.

^b No data available prior to 1918.

^c Data for sugar mills only. No data available for other industries.

^d The cost of materials purchased exceeds the value of products by ₱5,365,465; evidently, not all the materials purchased were manufactured.

^e Data for sugar mills only. Data for other industries included in "other provinces" to avoid disclosing business secrets.

^f The cost of materials used exceeds the value of products by ₱299.

^g Includes two sugar establishments for Capiz to avoid disclosing business secrets.

^h Includes two establishments for Nueva Vizcaya to avoid disclosing business secrets.

ⁱ Includes the provinces of Echol, Isabela, La Union, Mindoro, Nueva Vizcaya, and Paragua Sur (Palawan).

^j Data for sugar and rice mills only.

TABLE No. 24.—Summary of manufactures, by specified industries, 1903 and 1918

[For reference notes, see page 40]

Industry.	Census year.	Number of establishments.	Wage earners (average number).	Capital.	Salaries, wages, and other expenses.	Monthly average wages.	Costs of materials used. ^a	Value of products.	Value added by manufacture.
Abaca pressing industry	1903	(b) 27	(b) 1,294	₹3,449,542	₹1,902,360	(b) ₹36,420	(b) ₹37,012,912	₹44,844,566	(b) ₹7,831,654
	1918	38	935	156,555	(b)	10,323	20,408	56,777,123	56,715
Abaca stripping industry	1903	38	318	128,662	16,593	3,634	5,865	163,200	147,385
	1918	67	1,715	965,940	(b)	29,155	1,469,181	2,084,106	624,925
Bakeries and cake factories	1903	326	3,223	1,931,285	1,175,911	78,306	5,933,674	8,663,330	2,719,666
	1918	633	24	2,783	9,997	619	5,555	30,247	24,692
Basket weaving industry	1903	43	200	55,741	(b)	4,617	54,280	119,470	65,190
	1918	141	486	237,059	173,483	16,624	284,156	676,657	392,501
Blacksmithing shops	1903	26	4,200	12,478,008	(b)	208,006	9,523,539	4,439,170	(d)
	1918	35	1,503	12,295,951	1,088,402	67,610	1,051,919	2,656,608	1,604,589
Boat building	1903	4	31	5,780	(b)	380	720	9,700	8,980
	1918	4	269	275,673	249,556	12,496	557,185	967,265	410,080
Box factories	1903	32	954	237,543	(b)	8,898	72,840	457,790	384,950
	1918	16	238	446,823	109,553	6,353	92,534	243,706	151,172
Brick and tile factories	1903	32	174	68,920	(b)	3,372	103,873	214,605	110,732
	1918	13	141	118,801	80,519	4,015	206,471	330,585	124,114
Candy factories †	1903	4	64	55,245	(b)	674	7,876	23,421	15,545
	1918	4	64	55,245	9,490	674	7,876	23,421	15,545
Canning industry	1903	27	206	179,514	157,207	8,040	739,718	988,790	249,072
	1918	11	158	66,390	(b)	4,261	116,158	197,470	81,312
Carpentry shops	1903	59	436	829,598	383,782	16,204	750,048	1,324,321	574,273
	1918	77	745	264,725	(b)	18,798	213,977	477,957	263,980
Carriage factories	1903	159	749	316,150	232,512	22,205	327,937	639,942	312,005
	1918	35	626	166,395	83,934	9,119	100,460	292,142	191,682
Charcoal industry	1903	113	10,150	4,500,403	(b)	138,112	4,339,682	8,740,516	4,400,834
	1918	70	14,567	16,796,490	10,989,843	435,379	11,637,454	26,623,275	14,925,821
Cigar and cigarette factories	1903	38	213	18,910	38,010	4,053	99,628	145,576	45,948
	1918	22	76	54,110	(b)	1,377	74,067	100,767	26,700
Clog (zucos) factories	1903	52	254	463,870	117,329	7,081	616,034	918,451	302,417
Coffee and chocolate factories	1903	15	73	122,048	47,438	3,588	31,872	165,578	133,706
	1918	15	10	5,600	(b)	141	6,528	10,750	4,222
Coffin factories	1903	4	21	18,520	10,836	697	42,611	60,083	17,472
	1918	7	219	52,554	(b)	1,861	79,631	151,024	71,393
Comb and pipe factories	1903	37	219	52,554	(b)	1,861	79,631	151,024	71,393
	1918	349	1,923	804,253	207,825	43,228	804,910	1,331,160	526,250
Copra drying factories	1903	349	1,923	804,253	207,825	43,228	804,910	1,331,160	526,250

TABLE No. 24.—Summary of manufactures, by specified industries, 1903 and 1918—Continued

[For reference notes, see page 40]

Industry.	Census year.	Number of establishments.	Wage earners (average number).	Capital.	Salaries, and other expenses.	Monthly average wages.	Cost of materials used. ^a	Value of products.	Value added by manufacture.
Corn mills	1918	30	275	₹126,100	₹64,445	₹4,094	₹834,683	₹962,962	₹128,279
Distilleries.....	1903	287	2,195	4,232,356	(b)	39,053	2,303,198	4,388,319	2,085,121
	1918	101	1,644	15,060,411	4,701,170	57,091	5,197,514	12,645,201	7,447,687
Dyeing industry.....	1903	3	19	9,565	(b)	203	14,110	17,806	3,696
	1918	15	100	34,580	26,048	2,099	98,116	146,733	53,617
Egg "balut" industry ..	1903	8	25	8,200	(b)	343	5,022	6,700	1,678
	1918	14	28	26,300	1,535	175	43,973	48,927	4,954
Embroidery shops	1918	115	2,057	2,633,437	1,077,708	46,832	1,359,045	2,502,240	1,143,195
Furniture and cabinet making.....	1903	35	278	195,847	(b)	6,463	88,960	179,730	90,770
	1918	79	831	645,120	611,084	36,102	969,383	2,060,873	1,091,490
Gas, electric light and power plant.....	1903	3	171	2,238,560	(b)	5,500	1,151,749	1,461,143	309,394
	1918	14	1,930	20,439,225	1,500,228	94,680	2,236,287	5,673,577	3,487,290
Gaseous and mineral water.....	1903	44	346	194,931	(b)	6,157	174,844	399,399	224,555
	1918	50	528	616,603	233,858	13,343	469,099	1,262,150	793,051
Gold and silversmith, watch repairing, jewelry, and optical shops.....	1903	47	140	60,372	(b)	3,106	62,113	112,241	50,128
	1918	180	629	1,190,790	321,326	23,561	487,725	1,040,693	552,968
Gold mining industry	1918	6	1,897	1,930,000	897,760	47,530	80,916	454,000	373,084
Hat and umbrella factories	1918	7	359	1,026,065	197,823	13,572	1,023,442	1,371,342	347,900
Hat factories ^b	1903	23	589	283,762	(b)	15,930	207,604	507,015	239,411
	1918	61	327	317,164	200,293	12,096	358,989	798,070	439,081
Ice plants.....	1903	5	574	2,185,098	(b)	21,135	294,858	862,742	567,884
	1918	18	391	3,408,643	238,930	15,890	489,870	1,123,787	633,917
Iron foundries and machine shops.....	1903	29	1,248	861,794	(b)	34,830	307,485	968,225	660,790
	1918	23	1,322	2,895,174	639,988	38,366	1,802,354	3,130,421	1,328,067
Iron plough points	1918	12	301	129,039	43,171	10,603	41,067	129,201	88,134
Jusi textiles.....	1903	34	246	36,451	(b)	1,471	25,340	53,896	28,556
	1918	24	572	74,454	64,816	5,402	78,240	159,368	81,128
Knife factories	1903	3	21	6,244	(b)	182	7,350	4,229	4,229
	1918	32	179	12,550	24,923	4,172	51,252	105,748	54,496
Lard factories	1918	5	6	12,400	2,309	1,170	8,210	29,590	21,310
Lithography, printing and bookbinding shops.....	1903	35	1,130	1,136,423	(b)	40,679	229,607	1,110,428	880,821
	1918	74	1,813	2,185,263	1,711,420	89,095	1,413,434	3,989,662	2,576,228
Macaroni, spaghetti and vermicelli factories.....	1918	32	353	310,228	218,391	11,435	515,495	1,243,668	728,173
Marble carving shops.....	1903	3	21	5,870	(b)	344	4,552	17,708	13,155
	1918	6	36	16,718	21,676	1,125	11,751	60,333	38,552
Metal and rubber stamp factories.....	1918	4	24	16,350	22,581	1,153	12,681	87,268	74,577

1918	Mineral coal industry °	8	1,581	3,025,000	194,205	14,323	25,013	245,312	220,239
1918	Musical instrument factories °	13	34	14,250	14,487	1,056	7,738	29,784	22,046
1918	Native confectioneries °	244	747	230,206	240,918	16,256	738,584	1,240,757	502,173
1918	Native cheese industry °	13	27	1,445	2,744	255	5,587	15,896	10,309
1918	Nipa roof making °	12	674	36,038	17,321	8,738	20,950	52,638	31,688
1903	Oil factories °	39	267	211,005	(b) 5,507	5,507	213,329	802,082	88,643
1918	Photographic studios	181	4,169	41,632,721	4,863,902	214,443	44,144,357	59,722,483	15,577,926
1903	Piña textiles °	66	48	60,592	(b) 1,315	1,315	12,304	57,083	44,779
1918	Poster and sign painting shops °	3	278	218,110	198,593	11,235	152,900	508,910	356,010
1918	Potteries °	20	234	53,872	10,723	532	2,770	4,860	2,090
1918	Railroad tie making °	32	504	144,009	99,523	8,607	21,104	66,499	13,829
1918	Rattan furniture °	16	227	106,444	194,345	9,685	39,109	180,886	45,395
1903	Lime burners °	37	184	30,431	23,451	2,644	133,863	129,134	141,827
1918	Rope factories °	3	486	626,049	220,512	16,915	1,848,385	2,248,992	400,607
1918	Sack industry °	3	56	111,100	21,153	1,590	542,606	748,112	205,506
1903	Saddleries °	16	90	81,184	122,143	2,610	37,275	70,657	33,382
1918	Salt industry °	30	192	318,634	166,375	7,082	154,702	436,579	281,877
1903	Sausage factories °	49	841	245,952	41,516	20,526	(b) 91,284	957,800	849,907
1918	Sawmills °	254	1,314	1,379,608	3,170,594	56,961	107,893	1,367,894	7,577,055
1918	Scul-ure, metal work, silversmith, engraving, and stencil shops °	11	27	36,290	(b) 4,200	1,013	157,899	215,526	57,627
1903	Shoemaking °	78	1,531	2,623,037	(b) 61,541	34,965	1,368,860	2,736,754	1,367,894
1918	Shrimp and fish drying and salting industry °	98	5,608	12,650,133	(b) 248,226	180,866	5,140,562	12,717,617	7,577,055
1903	Slipper shops °	4	8	4,200	(b) 132	768	5,500	4,732	84,588
1918	Soap °	13	96	53,217	4,412	26,319	110,907	84,588	214,080
1903	Spinning establishments °	93	627	226,581	11,468	180,133	394,213	2,350,327	996,847
1918	Stone-cutter and bricklayers °	198	1,079	1,677,616	566,503	36,393	1,353,480	1,981,094	418,402
1903	Tailor shops °	208	1,076	448,018	187,571	19,673	1,562,692	446,943	267,074
1903	Tanners °	80	606	217,997	(b) 537,246	15,836	179,869	2,147,958	898,283
1918	Textile factories °	198	1,368	571,939	(b) 38,271	38,271	1,249,675	2,147,958	898,283
1903	Spinning establishments °	90	287	262,937	(b) 6,044	6,044	284,565	551,585	267,020
1918	Stone-cutter and bricklayers °	78	314	501,734	248,226	11,050	2,352,749	2,706,301	383,552
1918	Tailor shops °	3	26	3,322	39,062	478	61,221	47,326	(b) 41,308
1903	Tanners °	119	429	17,524	(b) 13,614	6,018	6,018	41,308	238,796
1918	Textile factories °	583	2,594	364,998	86,225	16,915	260,992	559,788	1,733,619
1903	Textile factories °	30	175	160,373	(b) 1,124,731	86,225	1,732,860	3,466,479	1,733,619
1918	Textile factories °	59	284	357,946	(b) 4,327	128,651	220,745	220,745	92,094
1903	Textile factories °	7	505	7,500	(b) 137,708	7,733	706,630	1,002,527	295,897
1918	Textile factories °	96	790	906,950	(b) 1,600	1,600	6,260	13,928	7,668
1918	Textile factories °	7	100	100,179	(b) 473,290	473,290	680,246	206,956	206,956

TABLE NO. 24.—Summary of manufactures, by specified industries, 1903 and 1918—Continued

Industry.	Census year.	Number of establishments.	Wage earners (average number).	Capital.	Salaries, wages, and other expenses.	Monthly average wages.	Cost of materials used.*	Value of products.	Value added by manufacture.
Tinsmith shops.....	{ 1903	35	105	₹63,095	(b)	₹1,742	₹31,111	₹85,180	₹54,069
	{ 1918	41	164	211,849	₹111,944	6,971	350,373	538,494	188,121
	{ 1903	24	183	70,600	(b)	3,083	66,713	116,500	50,787
	{ 1918	7	47	33,322	45,158	2,127	73,947	162,544	88,597
Various repair shops *	{ 1918	34	479	587,034	359,753	24,911	316,380	829,729	518,349
	{ 1918	4	26	21,000	8,423	708	12,281	24,293	12,012
Wax candle factories.....	{ 1903	38	152	162,678	(b)	3,792	156,607	230,905	74,298
	{ 1918	19	168	104,762	69,988	5,787	358,415	486,153	127,738
	{ 1903	24	681	325,905	(b)	7,580	556,095	829,853	273,738
	{ 1918	44	1,837	5,155,552	958,386	58,323	2,822,448	3,915,963	1,098,518
Other industries.....	{ 1903	73	767	624,806	(b)	9,451	586,820	1,010,965	424,145
	{ 1918	452	2,414	5,320,209	929,079	68,895	2,467,359	43,462,805	40,995,446
	{ 1903	1,075	45,247	16,933,495	(b)	388,817	(b)	6,603,006	.....
	{ 1918	2,663	70,722	52,407,514	8,170,152	1,406,801	13,667,445	82,145,962	68,478,517
Sugar mills.....	{ 1903	3,259	79,906	53,159,580	(b)	1,146,658	25,049,452	41,700,215	16,650,763
	{ 1918	8,354	143,465	222,473,592	53,300,517	3,670,879	160,877,154	356,094,433	195,217,279
ALL INDUSTRIES.....									

* Figures for 1903 represent cost of materials purchased.

b No data available.

c Included in other classifications in 1903.

d The cost of materials purchased exceeds the value of products by ₹5,024,419; evidently, not all the materials purchased were manufactured.

e Figures for 1903 are reported as for "boxes, wooden packing."

f Figures for 1903 are reported as for "confectionery."

g Figures for 1903 are reported as for "food preparations."

h Figures for 1903 are reported as for "hats and caps."

i Figures for 1903 are reported as for "cutlery and edge tools."

j The cost of materials used exceeds the value of products by ₹4,729.

k The cost of materials used exceeds the value of products by ₹40.

TABLE NO. 25.—Number of cigar and cigarette factories and quantities produced, 1920 and 1921

[Source: Bureau of Internal Revenue]

Year.	Number of factories.	Number manufactured for—			Increase (+) or decrease (—).	
		Local consumption.	Export.	Total.	Quantity.	Per cent.
Cigars.						
1920.....	91	96,196,683	414,603,650	510,800,333	+ 11,741,099	+ 2.35
1921.....	75	76,040,656	154,184,049	230,224,705	-280,575,628	-54.92
Cigarettes.						
1920.....	24	4,911,121,300	128,663,141	5,039,784,441	- 9,354,459	- 0.19
1921.....	23	4,492,390,886	28,802,719	4,521,193,605	-518,590,836	-10.29

TABLE NO. 26.—Annual production of domestic distilled spirits, fermented liquors and wines, 1920 and 1921

[Source: Bureau of Internal Revenue]

Year.	Distilled spirits.		Fermented liquors.	Wines.	Total output.	Decrease.	
	Distilleries.	Quantity produced.				Quantity.	Per cent.
1920.....	81	11,716,896	4,874,400	1,226,680	17,817,976	3,260,023	15.47
1921.....	93	8,751,671	3,693,560	803,921	13,249,152	4,568,824	25.64

TABLE NO. 27.—Quantity of abaca (Manila hemp) inspected and graded during the years, 1920 and 1921

[Source: Bureau of Agriculture]

Province or district.	1920	1921
	Kilos.	Kilos.
Albay.....	24,754,661	9,936,196
Ambos Camarines.....	12,099,470	5,101,112
Cavite.....	808,209	712,555
Cebu.....	739,516	250,849
Leyte.....	32,412,339	26,269,117
Mindanao (North).....	16,320,906	6,673,002
Mindanao (South).....	16,057,028	16,674,471
Mindoro.....	1,607,559	605,682
Negros.....	962,789	36,685
Samar.....	10,759,207	9,171,123
Sorsogon.....	13,246,828	10,961,352
All others.....	4,076,714	1,997,688
Total.....	133,845,226	88,389,852
STANDARD GRADES.		
AA, Tagal braid.....	148,005	59,961
BB, Tagal braid.....	257,301	122,958
CC, Tagal braid.....	297,907	223,907
DD, Tagal braid.....	97,405	247,813
EE, Tagal braid.....	17,078	93,230
A, Extra prime.....	22,262	28,210
B, Prime.....	231,998	124,096
C, Superior current.....	1,089,288	552,426
D, Good current.....	3,383,240	1,934,944
E, Midway.....	9,982,750	5,429,759
S-1, Streaky No. 1.....	3,438,016	2,892,043
S-2, Streaky No. 2.....	5,933,485	5,502,118
S-3, Streaky No. 3.....	4,565,892	4,460,176
F, Current.....	18,719,601	12,269,741
G, Seconds.....	5,832,663	5,975,860
H, Brown.....	2,806,907	2,093,448
I, Good fair.....	17,518,610	14,661,730
J, Fair.....	26,810,664	16,349,619
K, Medium.....	10,087,112	4,300,114
L, Coarse.....	13,357,770	4,521,237
M, Coarse brown.....	5,015,094	2,063,341
All others.....	4,232,178	4,543,121

TABLE NO. 28.—Quantity of copra and coconut oil produced, by provinces, during the years ended June 30, 1920 and 1921

[Source: Bureau of Agriculture]

Provinces.	Copra.		Oil. ^a	
	1920	1921	1920	1921
	Kilos.	Kilos.	Kilos.	Kilos.
Abra			3,614	4,523
Agusan	2,393,254	2,167,767	598	2,378
Albay.. ..	8,561,583	6,557,127	902,829	273,836
Antique.. ..	384,307	586,517	66,953	78,107
Bataan	2,340	3,163	5,243	4,386
Batanes	443		1,147	2,083
Batangas	782,213	809,347	1,207	1,697
Bohol	9,542,907	11,233,706	132,042	66,840
Bukidnon	25,300			167
Bulacan			5	5
Cagayan			34,397	102,885
Camarines Norte	4,065,204	5,299,338	15,739	66,477
Camarines Sur	4,378,544	3,738,075	141,500	105,155
Capiz	7,564,510	4,387,842	23,597	34,791
Cavite	50,727	81,023	2,370	1,823
Cebu	28,835,802	30,983,076	129,045	150,095
Cotabato	166,031	126,816	2,077	14,747
Davao	785,881	899,478	1,507	1,883
Ilocos Norte			6,365	10,560
Ilocos Sur	180,642	81,656	7,763	41,104
Iloilo	2,096,421	2,654,413	8,297	9,257
Isabela			77	12,765
Laguna	68,959,514	71,427,276	448,342	532,585
Lanao	198,605	159,074	3,591	1,573
La Union	307,838	304,233	14,480	22,895
Leyte	15,000,686	22,249,073	152,815	137,472
Marinduque	6,376,802	6,674,836	2,024	710
Masbate		2,041,836		18,094
Mindoro	1,116,173	1,540,707	890	22,705
Misamis	36,208,601	41,728,112	5,391	16,336
Mountain			986	1,832
Nueva Ecija			3,515	10,699
Nueva Vizcaya			952	759
Occidental Negros	4,290,500	3,859,831	10,778	1,215
Oriental Negros	7,433,393	7,521,880	36,501	29,777
Palawan	1,091,252	1,257,600	2,534	60,182
Pampanga				
Pangasinan	4,671,582	4,453,180	192,938	270,944
Rizal				
Romblon	2,968,196	2,471,114	1,069	1,861
Samar	34,673,966	34,756,508	156,219	131,196
Sorsogon	4,783,408	2,371,938	51,437	173,672
Sulu		231,305		5,088
Surigao	5,061,644	8,438,942	24,364	5,659
Tarlac			6,427	6,743
Tayabas	75,311,079	72,871,906	32,003	28,000
Zambales	313,594	166,284	19,564	6,503
Zamboanga	23,022,431	20,487,497	10,301	31,645
Total	361,605,373	374,622,476	2,663,493	2,503,719

^a The production herein given does not include coconut oil produced from copra. The following are estimates of the total production in metric tons during the last five years:

1917	47,625	1920	181,944
1918	119,494	1921	74,237
1919	140,083		

TABLE NO. 29.—Average minimum and maximum wages of laborers in various factories and industrial establishments in the city of Manila during 1919 and 1920

[Source: Bureau of Labor]

Factories and industries.	1919				1920			
	Daily.		Monthly.		Daily.		Monthly.	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Ampao and apa (Japanese)			^b P28.00	34.00				
Aerated water factories	P1.40	2.20	26.00	38.00	P0.65	0.85	P16.00	56.00
Abacá press establishments	^a 6.00	10.00						
Bakeries and confectioneries	1.90	2.50	19.00	37.00			18.17	64.50
Basket making shops	1.00	2.00						
Bed factories	1.80	3.00	25.00					
Blacksmith shops	1.50	2.80	37.00	48.00	^a 13.50	19.50		
Boat construction and repair shops	2.00	3.85	35.00	100.00				
Box factories	1.25	1.60	33.00	40.00				
Breweries	.60	3.30	55.00	64.00			22.50	84.00
Button factories	.70	2.50	70.00	100.00	1.00	3.00		
Candle factories			^b 22.00	38.50			20.00	60.00
Candy factories	1.00	2.50	30.00	120.00	1.20	1.58	20.00	60.00
Coffin factories	2.00	2.60	44.00	49.00				
Caramel factories			^b 30.00	54.00			15.00	80.00
Carpentry shops	2.25	3.00			1.35	6.00		
Carriage factories	1.70	3.50	.50	4.52				
Chocolate factories	.80	1.80			1.00	1.52	18.00	60.00
Cigar and cigarette factories	^a 3.00	15.00			.55	3.75	30.00	160.00
Cloth factory	1.00	2.60			^a 3.00	13.54		
Canneries			18.00	25.00				
Distilleries	1.10	2.50	44.00	62.00			33.00	96.56
Dried and smoked fish industry			^b 18.00	31.00				
Embroidery establishments	.90	1.65	36.00	65.00	1.15	1.94	35.25	230.22
Firewood	.60	1.10						
Foundry shops					1.50	4.90	30.00	85.00
Furniture shops	1.60	2.30	37.00	53.00				
Gas work	1.20	2.50						
Hat factories	1.40	2.00	37.00	77.00	^a 6.00	15.50	35.00	65.00
Ice factories			50.00	56.00	1.10	2.37	33.00	35.00
Laundries	1.00	1.60	25.00	35.00	^a 4.67	13.00		
Lithographies					1.13	4.01		
Printing and binding	2.00	4.00	36.00	76.00	1.75	4.56		
Machinery shops	1.50	4.50			.85	4.81		
Marble shops					1.88	2.75		
Match factories					1.00	3.08		
Moulding shops	1.05	1.76	30.00	30.00				
Oil factories	1.60	2.00	23.00	112.00	1.30	3.08	54.38	93.75
Painting shops	1.30	2.60			3.20	4.70		
Paste and vermicelli factories	1.20	2.00	26.00	35.00	.80	1.20	^a 6.00	12.00
Photo studios	2.00	3.25	56.00	58.00			25.00	91.80
Piano repairing shops							^a 16.00	25.00
Plumbing shops	1.50	3.00	75.00	94.00	1.80	3.50		
Repair shops	1.25	4.50	100.00	177.00	1.50	3.00	50.00	60.00
Rice mills					1.20	1.50	46.25	67.50
Rigging and cordage shops	1.80	2.50	52.00					
Rope factories					.80	3.21	45.00	120.00
Rubber repair shops	1.23	1.76	28.00	56.00				
Saddleries	1.20	2.00	24.00	30.00			^a 14.13	24.75
Sail shops	1.50	2.30			1.30	3.00		
Sawmills	1.30	3.25	24.00	55.00	.60	6.00	20.00	128.50
Sculpture shops	1.70	2.25			2.75	3.50	15.00	17.40
Shell-comb factories			28.00	39.00				
Shoemaker shops	1.50	2.20	50.00				^a 12.00	27.50
Slipper factories	^a 8.00	12.00			^a 4.67	18.00	40.00	50.00
Soap factories			32.00	49.50	1.30	3.60	40.00	103.22
String instrument factories	1.30	1.85	43.00		1.35	2.50	^a 12.00	16.50
Tahure (sauce) factories			26.90	47.27				
Tailor shops	^a 7.00	15.00			.70	4.00	60.00	300.00
Tile works	1.00	3.30	24.50	42.50	.80	3.00		
Tinsmith shops	1.50	2.20	38.00	48.00	1.00	3.00	30.00	60.00
Trunk factories	1.20	3.00	29.00	48.00				
Tobacco leaf press	^a 3.00	9.00						
Umbrella factories	.80	1.50						
Watch and silversmith shops	1.50	2.50	41.00	59.00			27.50	442.50

^a Weekly.

^b With subsistence.

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BUREAU OF INTERNATIONAL RELATIONS
University of California

TABLE NO. 30.—Annual average import prices of the leading articles of merchandise imported, 1918–1921^a

Articles.	Unit.	1918	1919	1920	1921 ^b
Animal—Carabao.....	One.....	P120.17	P125.17	P138.88	P139.73
Automobiles.....	do.....	1,676.25	2,325.80	2,356.76	2,909.90
Boots and shoes:					
India rubber.....	Pair.....	1.09	2.58	2.61	2.89
Leather.....	do.....	3.69	6.11	7.70	5.04
Breadstuffs:					
Baking powder.....	Kilo.....	1.06	0.94	0.97	0.90
Bread and biscuit.....	do.....	.92	.81	.91	.99
Rice.....	do.....	.09	.17	.21	.11
Wheat flour.....	do.....	.18	.19	.21	.17
Cement.....	do.....	.03	.03	.04	.04
Chocolate.....	do.....	1.16	1.16	1.62	1.54
Cotton:					
Cloth—					
Bleached.....	Sq. meter.....	.37	.54	.73	.47
Dyed with yarns.....	do.....	.46	.61	.77	.44
Printed.....	do.....	.38	.50	.66	.34
Unbleached.....	do.....	.36	.59	.64	.28
Yarns—					
Bleached.....	Kilo.....	2.71	1.95	3.33	2.07
Dyed or colored.....	do.....	3.37	3.82	2.43	2.84
Mercerized.....	do.....	3.44	2.80	5.54	3.44
Unbleached.....	do.....	2.12	2.36	3.08	1.12
Eggs.....	Dozen.....	.30	.33	.43	.27
Fish:					
Salmon, canned.....	Kilo.....	.58	.47	.41	.29
Sardines, canned.....	do.....	.58	.51	.50	.43
Fruits:					
Apples.....	do.....	.17	.21	.27	.23
Oranges.....	do.....	.19	.23	.34	.20
Raisins.....	do.....	.44	.34	.72	.88
Fuel and oils:					
Coal.....	M. ton.....	11.51	19.43	19.98	15.13
Illuminating oil.....	Liter.....	.10	.13	.15	.14
Lubricating and heavy paraffin.....	do.....	.19	.26	.24	.28
Hats:					
Straw.....	One.....	2.53	3.54	4.49	3.98
Woolen.....	do.....	1.47	1.59	4.02	3.84
Iron and steel:					
Iron—					
Bar.....	Kilo.....	.21	.26	.21	.23
Corrugated roofing.....	do.....	.39	.39	.40	.30
Pig.....	do.....	.12	.08	.08	.07
Structural.....	do.....	.24	.33	.24	.33
Steel—					
Bar.....	do.....	.24	.20	.20	.17
Rails for railways, etc.....	do.....	.19	.16	.14	.20
Meat and dairy products:					
Beef, fresh.....	do.....	.45	.49	.52	.47
Pork, fresh.....	do.....	1.28	.65	1.39	.79
Hams and shoulders.....	do.....	1.32	1.40	1.67	1.14
Butter.....	do.....	1.80	1.89	2.22	1.82
Cheese.....	do.....	1.56	1.47	1.52	1.26
Sweetened condensed milk.....	do.....	.73	.80	.75	.84
Paints:					
Lead—					
Red.....	do.....	.74	.49	.51	.48
White.....	do.....	.48	.51	.53	.46
Zinc, oxide of.....	do.....	.54	.58	.63	.58
Quinine, sulphate of.....	Hectogram.....	.61	4.33	4.64	8.84
Silk cloths.....	Sq. meter.....	.98	1.20	1.99	1.25
Waters, mineral.....	Liter.....	.32	.38	.37	.39
Wood:					
Lumber—					
Pine.....	Cu. meter.....	32.40	53.63	41.54	54.52
Redwood.....	do.....	28.76	35.40	64.85	70.53
Ties for railways.....	One.....	.50	.....	.....	2.25
Timber—					
Cedar.....	Cu. meter.....	28.29	15.23	.....	34.49
Woolen cloths.....	Sq. meter.....	1.82	2.13	2.70	2.04

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

^b Figures are subject to correction in a later issue.

TABLE No. 31.—Annual average export prices of the leading articles of domestic production exported, 1918–1921

Articles.	Unit.	1918	1919	1920	1921*
Coconut cake.....	Kilo.....	₱0.03	₱0.06	₱0.06	₱0.03
Copra.....	do.....	.19	.35	.29	.17
Cordage.....	do.....	.78	.70	.69	.51
Gums and resins:					
Copal.....	do.....	.42	.21	.36	.26
Elemi.....	do.....	.57	.69	.95	.27
Gutta-percha.....	do.....	.86	.97	1.30	.91
Rubber, crude.....	do.....	2.18	1.61	1.49	.63
Hats:					
Arayat.....	One.....	.11	.13	.17	.18
Bamboo.....	do.....	1.29	2.34	2.20	2.76
Buntal.....	do.....	3.35	3.28	4.24	2.94
Buri.....	do.....	2.40	3.39	.42	.33
Hemp:					
Grade AA.....	Kilo.....	1.59	1.31	1.27	1.10
Grade BB.....	do.....	1.41	1.08	1.11	.96
Grade CC.....	do.....	1.28	.95	.96	.77
Grade DD.....	do.....	1.14	.94	.89	.60
Grade EE.....	do.....	1.02	.82	.69	.45
Grade A, Extra prime.....	do.....	1.45	.88	.95	.54
Grade B, prime.....	do.....	1.04	.76	.90	.47
Grade C, superior current.....	do.....	.93	.71	.86	.40
Grade D, good current.....	do.....	.90	.69	.82	.37
Grade E, midway.....	do.....	.84	.66	.77	.35
Grade S-1, streaky No. 1.....	do.....	.79	.59	.74	.31
Grade S-2, streaky No. 2.....	do.....	.72	.48	.58	.27
Grade S-3, streaky No. 3.....	do.....	.65	.39	.42	.25
Grade F, current.....	do.....	.81	.62	.75	.32
Grade G, second.....	do.....	.62	.38	.41	.24
Grade H, brown.....	do.....	.57	.34	.37	.23
Grade I, good fair.....	do.....	.73	.51	.60	.28
Grade J, fair.....	do.....	.60	.37	.40	.23
Grade K, medium.....	do.....	.50	.33	.35	.21
Grade L, coarse.....	do.....	.48	.33	.35	.18
Grade M, coarse brown.....	do.....	.36	.33	.31	.16
Grade O, strings, white.....	do.....	.34	.26	.29	.17
Grade T, tow.....	do.....	.23	.20	.26	.14
Grade DL, Daet coarse.....	do.....	.33	.28	.32	.13
Grade DM, Daet coarse brown.....	do.....	.25	.31	.27	.11
Grade OO, strings, coarse or dark.....	do.....	.28	.21	.22	.15
Grade Y, damaged.....	do.....	.41	.28	.30	.14
Average price—all grades.....	do.....	.69	.44	.51	.26
Magney:					
Grade 1.....	do.....	.38	.28	.29	.19
Grade 2.....	do.....	.34	.25	.26	.17
Grade 3.....	do.....	.31	.22	.24	.14
Grade D.....	do.....	.26	.18	.20	.11
Average price—all grades.....	do.....	.33	.23	.25	.15
Oils:					
Candlenut.....	do.....	.70	.67	.73	.39
Coconut.....	do.....	.55	.53	.60	.36
Ilang-ilang.....	do.....	137.81	76.56	63.94	36.64
Shells:					
Black-lip pearl.....	do.....	.35	.49	.47	.79
Golden-lip pearl.....	do.....	.88	1.10	1.12	.74
Green snail.....	do.....	.47	.64	.76	.37
Tortoise.....	do.....	4.90	12.00	19.79	19.11
Trocha.....	do.....	.58	.68	.85	.41
Sugar:					
Raw (brown).....	do.....	.10	.21	.49	.11
Centrifugal (refined included).....	do.....	.18	.28	.69	.23
Tobacco:					
Leaf tobacco.....	do.....	.43	.58	.68	.43
Cigarettes.....	Thousand.....	2.03	2.52	2.72	2.88
Cigars.....	One.....	.04	.05	.06	.04
Wood:					
Almon.....	Cu. meter.....	21.08	41.23	55.92	53.94
Apitong.....	do.....	41.33	59.51	39.18	38.97
Lauan.....	do.....	29.18	42.51	45.26	56.71
Tanguili.....	do.....	70.40	68.75	80.70	83.17

* The figures are subject to correction in a later issue.

TABLE NO. 32.—Average retail prices of foodstuffs in the markets of the city of Manila, 1918–1921

Articles.	Unit.	1918	1919	1920	1921
Cereals and grains—					
Coffee.....	Liter.....	₱0.56	₱0.75	₱1.04	₱0.84
Corn (in ears).....	Hundred.....	1.32	2.67	3.31	1.89
Corn (in grains).....	Ganta.....	.33	.35	.33	.25
Mongos.....	Liter.....	.12	.18	.19	.17
Rice.....	Ganta.....	.41	.60	.65	.37
Fish and other sea products—					
Bacoco.....	One.....	.83	.87	.88	.65
Bañgos.....	do.....	.56	.68	.68	.51
Candole.....	do.....	.30	.35	.37	.32
Cod.....	Kilo.....	.91	.96	1.24	.76
Crabs.....	One.....	.42	.25	.31	.31
Dalag.....	do.....	.72	.77	.97	.84
Lapo-lapo.....	do.....	2.12	2.23	3.15	2.63
Sardines.....	Hundred.....	1.39	1.46	1.84	1.97
Shrimps.....	do.....	2.53	2.19	2.86	2.77
Fowls—					
Chickens.....	One.....	.51	.60	.72	.63
Gobblers.....	do.....	4.98	5.89	7.00	6.17
Hens.....	do.....	1.23	1.54	1.60	1.48
Hen turkeys.....	do.....	2.82	2.79	5.22	5.33
Roosters.....	do.....	1.04	1.35	1.49	1.36
Fruits—					
Bananas—					
Buñgulan.....	Hundred.....	2.08	2.19	3.11	2.99
Lacatan.....	do.....	1.82	2.37	3.51	3.50
Latundan.....	do.....	1.33	1.40	1.74	1.62
Plantains.....	do.....	1.15	1.21	1.61	1.66
Cajel.....	One.....	.06	.07	.10	.12
Chicos.....	Hundred.....	1.60	1.68	2.21	2.48
Chinese oranges.....	One.....	.40	.30	.37	.29
Coconuts.....	One.....	.07	.08	.12	.08
Guava.....	Hundred.....	.66	.69	.79	.62
Lemons.....	do.....	1.71	3.04	4.02	2.82
Mangos (ripe).....	One.....	.21	.14	.16	.19
Native oranges.....	do.....	.21	.10	.15	.16
Papayas (ripe).....	do.....	.25	.18	.24	.28
Meat—					
Bacon.....	Kilo.....	.98	.78	1.56	1.26
Beef, fresh.....	do.....	1.18	1.35	1.50	1.37
Beef, frozen.....	do.....	1.03	1.19	1.28	1.09
Chinese ham.....	do.....	1.47	1.99	2.57	1.93
Pork.....	do.....	1.04	1.15	1.36	1.21
Vegetables—					
Amargoso.....	One.....	.07	.06	.09	.09
Beans, French.....	Liter.....	.25	.42	.47	.33
Beans, native.....	Atado.....	.10	.06	.07	.10
Cabbages.....	One.....	.41	.43	.....	.68
Eggplants.....	Hundred.....	1.97	2.14	2.20	2.28
Onions, Bombay.....	Kilo.....	.27	.31	.38	.33
Peas.....	Liter.....	.22	.20	.50	.39
Peppers, red.....	Hundred.....	2.24	1.91	1.76	1.10
Potatoes.....	Kilo.....	.22	.19	.25	.20
Red squash.....	One.....	.31	.30	.32	.31
Sweet potatoes.....	Sack.....	1.17	1.87	2.32	1.74
Tomatoes.....	Hundred.....	1.49	2.16	2.14	1.78
White squash.....	One.....	.27	.34	.31	.33
Miscellaneous foodstuffs—					
Condensed milk.....	Can.....	.50	.52	.54	.51
Eggs—					
Chinese.....	Hundred.....	3.67	5.16	6.19	4.90
Duck.....	do.....	4.67	6.42	7.51	6.02
Native.....	do.....	5.33	6.58	8.15	6.86
Flour.....	Liter.....	.15	.14	.14	.10
Mique.....	Kilo.....	.25	.29	.32	.28
Sugar—					
Brown.....	do.....	.23	.42	.74	.37
Refined.....	do.....	.35	.35	.82	.43
Vinegar.....	Liter.....	.03	.04	.05	.03
White salt.....	do.....	.06	.04	.04	.03

TABLE No. 33.—Summary of commercial and industrial organizations registered, 1920-1921

Year.	Commerce.		Extractive industries.		General manufactures.		Miscellaneous.		Total.	
	Number.	Capital.	Number.	Capital.	Number.	Capital.	Number.	Capital.	Number.	Capital.
DOMESTIC CORPORATIONS.										
1920										
Stock.....		₱36,488,001		₱5,287,200		₱34,061,000		₱369,600		₱76,205,801
Subscribed.....	139	17,716,689	55	1,931,081	87	10,824,470	90	195,400	371	80,667,640
Paid.....		11,678,386		977,535		5,618,012		130,145		18,404,078
1921										
Stock.....		9,419,950		1,937,000		6,163,500		1,096,000		18,616,450
Subscribed.....	73	3,826,665	31	737,033	48	2,821,683	139	572,235	291	7,957,616
Paid.....		3,014,425		577,781		2,128,739		427,183		6,148,123
PARTNERSHIPS. ^a										
1920.....	277	11,412,818	8	296,000	31	871,900	2	4,000	318	12,584,718
1921.....	156	12,231,554	2	44,500	32	1,154,502	2	4,500	192	13,435,156
FOREIGN CORPORATIONS. ^b										
United States:										
Stock.....		\$27,720,000	1	\$500,000	1	\$3,000,000			19	\$31,220,000
Subscribed.....		27,430,000		1,400		3,000,000				30,431,400
Japan:										
Stock.....	3	₱8,000,000							3	₱8,000,000
Subscribed.....		2,750,000								2,750,000
Great Britain:										
Stock.....			1	£2,000,000					1	£2,000,000
Subscribed.....				1,700,000						1,700,000
China:										
Stock.....			1	₱11,000,000					1	₱11,000,000
Subscribed.....				1,000,000						1,000,000
China:										
Stock.....	1	₱10,000,000							1	₱10,000,000
Subscribed.....		5,000,000								5,000,000
United States:										
Stock.....	8	\$31,500,000	1	\$100,000	4	\$7,023,100			13	\$38,623,100
Subscribed.....		21,550,000		100,000		8,088,400				29,738,400
Straits Settlements:										
Stock.....	1	\$10,000,000							1	\$10,000,000
Subscribed.....		4,425,000								4,425,000

^a Registered in Manila only. ^b Capitalized in their home countries. Capital subscribed of foreign corporations are wholly paid up. Amounts given are those originally authorized in countries wherein they registered. All of these corporations maintain only agencies or branches in the Islands, the operating capital of which is not known.

TABLE NO. 34.—*Total receipts, expenditures and accumulated surplus of the Philippine Islands, 1920-1921*

[Source: Bureau of Audits]

Year.	Surplus at the beginning of the year.	Receipts.	Expenditures.	Accumulated surplus at the end of year.	Annual surplus (+) or deficit (—)
INSULAR GOVERNMENT.					
1920.....	₱28,543,078	₱99,404,913	₱84,010,279	₱43,937,712	+ ₱15,394,634
1921.....	43,937,712	121,698,692	128,675,838	36,960,566	— 6,977,146
CITY OF MANILA.^a					
1920.....	(2,162,519)	6,750,983	8,385,248	(3,796,785)	— 1,634,265
1921.....	(3,796,785)	^b 12,599,745	11,748,905	(2,945,945)	+ 850,840

^a Figures in parenthesis are overdrafts. ^b Includes ₱5,500,000, proceeds of bonds issued.TABLE NO. 35.—*Bonded indebtedness of the Philippine Islands*

[Source: Insular Treasury]

Title.	Amount.	Date of bonds.	Rate of interest.
INSULAR GOVERNMENT.			
Friar lands gold bonds, due February 1, 1934.....	₱14,000,000	February 4, 1904.....	4
Public works gold bonds:			
First series, due March 1, 1935.....	5,000,000	March 1, 1905.....	4
Second series, due February 1, 1936.....	2,000,000	February 1, 1906.....	4
Third series, due August 31, 1939.....	3,000,000	August 1, 1909.....	4
Manila Railroad purchase gold bonds, due December 1, 1946.....	8,000,000	December 1, 1916.....	4
Manila port works and improvement bonds, due September 1, 1950.....	12,000,000	September 1, 1920.....	5½
Irrigation and public works bonds, due August 1, 1941.....	20,000,000	August 1, 1921.....	5½
Total bonded indebtedness.....	64,000,000		
MUNICIPAL GOVERNMENTS.			
Manila sewer and waterworks gold bonds:			
First series, due June 1, 1935.....	2,000,000	June 1, 1905.....	4
Second series, due January 2, 1937.....	4,000,000	January 2, 1907.....	4
Third series, due January 2, 1938.....	2,000,000	January 2, 1908.....	4
Cebu waterworks gold bonds, due January 1, 1941.....	250,000	January 1, 1911.....	4
Santa Cruz, Laguna, sewer waterworks bonds, due January 1, 1949.....	90,000	January 1, 1919.....	5
Majayjay, Laguna, sewer waterworks bonds, due January 1, 1949.....	40,000	January 1, 1919.....	5
Benguet, Abra, public works bond, due January 1, 1949.....	40,000	January 1, 1919.....	5
City of Manila 1920 issue gold bonds, due December 1, 1950.....	5,500,000	December 1, 1920.....	5½
Total bonded indebtedness.....	13,920,000		

TABLE NO. 36.—*Reserve fund for the redemption of bonded indebtedness of the Insular Government, 1920-1921*

[Source: Insular Treasury]

Year.	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.	
1920.....	₱44,000,000	₱5,869,782	₱3,405,122	₱655,097	₱9,930,002	₱34,069,998
1921.....	64,000,000	6,355,124	3,722,980	833,449	10,911,503	53,088,497

TABLE NO. 37.—Revenue from taxation, 1917-1921

[Source: Bureau of Audits]

Year.	Insular.	City of Manila.	Provincial.	Municipal.	Total.	Per capita tax.
1917.....	P35,448,412	P2,213,319	P7,521,055	P7,534,541	P52,717,327	P5.24
1918.....	44,559,230	2,196,016	7,572,467	8,165,042	62,492,755	6.04
1919.....	45,229,969	2,419,158	7,340,671	7,910,605	62,900,403	5.95
1920.....	53,144,507	3,157,711	7,742,473	8,889,190	72,933,881	6.77
1921.....	45,445,451	.....	.....	.....	.....	.....

TABLE NO. 38.—Sources of internal revenue taxes collected, 1920-1921

[Source: Bureau of Internal Revenue]

Sources.	1920	1921 ^a
Banks and bankers.....	P1,958,159	P1,767,870
Cedulas.....	5,100,895	4,609,590
Cinematographic films (domestic and imported).....	29,720	49,207
Coal and coke (domestic).....	22,070	15,341
Coal and coke (imported).....	176,270	149,293
Contractors, warehousemen, and others.....	428,603	462,103
Documentary stamp taxes.....	637,222	497,615
Forest products.....	1,009,879	1,013,151
Franchise taxes.....	426,374	431,758
Income taxes.....	4,252,633	4,964,794
Inheritance taxes.....	188,851	211,573
Justice of the peace fines and fees.....	501,636	412,134
Kerosene or petroleum (imported).....	711,938	631,661
Lubricating oils (imported).....	126,667	269,107
Manufacture and sale of distilled spirits, wines, etc.....	5,134,856	4,174,074
Manufacture and sale of fermented liquors.....	835,315	737,026
Manufacture and sale of tobacco and matches.....	7,768,541	7,495,843
Mines.....	25,998	22,657
Mining fees.....	383	1,923
Miscellaneous stamp collections.....	2,451	877
Naphtha, gasoline, etc. (imported).....	878,266	780,791
Occupations, trades, and professions.....	1,357,639	1,259,017
Pearl fisheries.....	5,605	3,690
Percentage taxes on sales by merchants, etc.....	16,657,416	10,352,774
Percentage taxes on gross receipts by common carriers.....	156,057	154,374
Playing cards (domestic and imported).....	167,023	170,649
Premium on insurance.....	99,186	115,407
Printers, publishers, and lithographers.....	33,238	29,264
Registered dealers in prohibited drugs.....	17,316	14,991
Rental and royalties on petroleum lands.....	.....	2,400
Skimmed milk (imported).....	299	137
Sponge fisheries.....	249	17
Tobacco inspection fees.....	212,559	117,954
United States internal revenue collected in the Philippine Islands.....	3,175,241	608,998
United States internal revenue collected in the United States.....	1,828	147,446
Weights and measures.....	178,794	157,660
City of Manila taxes and revenue.....	^b 7,092,082	^c 6,246,946
Total.....	59,371,259	48,080,112

^a Preliminary figures only.^b Includes sales of government rice accruing to the Insular Government.^c Collection for the first three months only.

TABLE NO. 39.—*Philippine currency in circulation, 1920-1921*

[Source: Insular Treasury]

Month and year.	Amount in circulation.	Increase (+) or decrease (—)	Per capita circulation.
1920			
January.....	₱146,954,518	+ ₱377,562	₱13.69
February.....	152,518,162	+ 5,563,644	14.15
March.....	158,883,738	+ 6,365,576	14.74
April.....	160,306,333	+ 1,422,595	14.87
May.....	163,428,638	+ 3,122,305	15.16
June.....	162,459,596	— 969,042	15.07
July.....	152,563,033	— 9,896,563	14.15
August.....	145,913,990	— 6,649,043	13.54
September.....	140,454,614	— 5,459,376	13.03
October.....	136,458,872	— 3,995,742	12.66
November.....	129,406,863	— 7,052,019	12.01
December.....	124,589,240	— 4,817,613	11.56
1921			
January.....	126,009,781	+ 1,420,541	11.88
February.....	115,969,101	—10,040,680	10.93
March.....	119,217,814	+ 3,248,713	11.24
April.....	116,116,355	— 3,101,459	10.93
May.....	115,909,045	— 207,310	10.93
June.....	113,363,497	— 2,545,548	10.69
July.....	111,547,941	— 1,815,556	10.52
August.....	107,853,057	— 3,694,884	10.17
September.....	105,808,208	— 2,044,849	9.98
October.....	103,940,952	— 1,867,256	9.80
November.....	102,792,488	— 1,148,464	9.69
December.....	103,661,820	+ 869,332	9.77

TABLE NO. 40.—*Resources and liabilities of all commercial banks, 1920-1921*

[Source: Insular Treasury]

Items.	1920	1921
RESOURCES.		
Loans and discounts.....	₱116,023,841	₱131,507,519
Overdrafts.....	103,547,009	70,753,639
Stocks, securities, etc.....	15,961,456	10,407,806
Real estate, furniture, and fixtures.....	1,678,404	1,915,883
Other real estate owned.....	63,000	650,371
Due from head office and branches.....	77,891,234	67,650,248
Due from other banks.....	8,190,616	2,862,073
Due from agents and correspondents.....	9,626,100	6,407,068
Bills of exchange.....	42,506,966	19,497,053
Cash on hand.....	12,219,668	15,915,519
Checks and other cash items.....	1,606,297	1,011,653
Profit and loss account.....	4,146,118	7,877,758
Resources other than those above.....	37,905,838	44,046,038
Suspense accounts.....	38,530	.....
Total.....	491,405,077	380,502,650
LIABILITIES.		
Capital stock.....	23,093,290	49,393,814
Reserve fund.....	12,151,763	12,007,373
Bank notes in circulation.....	33,368,942	42,237,752
Due to head office and branches.....	102,758,668	90,812,907
Undivided profits.....	5,334,933	477,326
Due to other banks.....	4,630,628	2,291,346
Due to agents and correspondents.....	10,602,445	4,916,581
Dividends due and unpaid.....	1,444,989	103,160
Demand deposits.....	100,912,437	428,873
Time deposits.....	31,751,093	26,151,621
Savings deposits.....	16,716,021	16,359,041
Current accounts.....	48,606,033	46,582,381
Profit and loss account.....	6,334,254	7,613,171
Suspense accounts.....	93,613	.....
Liabilities other than those above.....	38,605,978	26,451,640
Government funds.....	.....	54,675,666
Total.....	491,405,077	380,502,650

TABLE No. 41.—*Risk of insurance companies, 1920-1921*

[Source: Insular Treasury]

Year.	Life.	Fire.	Marine.	Accident.	Fidelity and surety.	Typhoon and earthquake.	Miscellaneous.	Total.
1920	₱86,104,271	₱395,982,648	₱447,143,667	₱1,290,500	₱21,839,465	₱5,967,000	₱3,512,223	₱911,839,774
1921	(*)	317,294,167	233,052,220	1,088,700	16,550,895	5,584,150	2,008,176	575,578,308

* Data not yet available.

TABLE No. 42.—*Summary of the transactions of the Postal Savings Bank, 1920-1921*

[Source: Bureau of Posts]

Year.	Number of postal savings banks.			Number of accounts opened.		Deposits.		Withdrawals.		Balance.	
	First class.	Second class.	Third class.	Total.	Number.	Average.	Number.	Average.	Number.	Average.	Amount.
1920	392	70	.....	462	153,129	₱54.47	90,615	₱85.75	90,615	₱7,770,531	₱6,654,435
1921	419	223	.....	642	152,666	39.55	95,706	70.08	95,706	6,707,020	6,108,453

TABLE No. 43.—*Money orders issued or paid in Philippine post offices, 1920-1921*

[Source: Bureau of Posts]

Year.	Number 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 orders paid in the United States and other countries.	
	Number.	Total.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
1920	391	487,211	32,652,289	₱168,575	38,789	₱1,482,954	27,734	₱2,569,783	27,734	₱1,358,054
1921	421	508,074	30,917,991	161,400	65,248	2,673,450	22,971	2,024,582	22,971	2,569,511

TABLE NO. 44.—Operation of the rural agricultural associations, by provinces, as of December 31, 1920

[Source: Bureau of Agriculture]

Provinces.	Number of associations.	Total number of members.	Paid in capital stock.	Total resources including loans, interest, and deposits.	Loans to members.
Abra	11	754	P6,570	P15,413	P14,990
Agusan	3	222	3,670	4,518	3,185
Albay	14	1,567	13,764	55,075	52,093
Antique	12	2,429	35,062	92,675	83,045
Bataan	8	1,276	22,940	61,547	60,246
Batangas	15	1,372	24,359	81,190	74,787
Bohol	33	5,074	38,357	94,384	84,454
Bulacan	21	1,723	27,856	69,913	65,351
Cagayan	13	1,223	13,878	43,683	38,242
Camarines Norte	3	192	3,642	4,164	3,610
Camarines Sur	20	2,068	26,287	105,049	100,705
Capiz	24	1,686	32,226	119,435	115,556
Cavite	16	1,240	2,162	84,305	82,626
Cebu	14	1,089	18,933	66,859	62,060
Cotabato	1	80	2,256	2,606	2,530
Davao	5	407	6,735	7,523	4,480
Ilocos Norte	15	3,982	17,982	57,049	48,762
Ilocos Sur	20	2,585	17,808	43,414	40,632
Iloilo	26	4,242	56,313	175,397	169,585
Isabela	6	661	6,634	10,526	9,603
Laguna	19	1,700	2,428	60,865	58,171
Lanao	1	119	1,944	2,612	2,475
La Union	14	2,263	19,100	61,877	57,735
Leyte	9	693	5,891	19,023	17,742
Misamis	14	1,917	23,215	35,004	30,718
Nueva Ecija	19	2,972	29,224	126,481	123,175
Nueva Vizcaya	6	439	4,796	6,055	4,770
Occidental Negros	3	277	10,089	23,253	22,735
Oriental Negros	3	121	1,430	1,649	915
Palawan	2	148	3,434	6,435	5,830
Pampanga	20	1,560	50,176	128,951	123,548
Pangasinan	41	8,399	55,819	173,179	166,781
Rizal	15	1,733	22,321	55,530	53,865
Romblon	6	407	4,670	8,482	2,395
Samar	13	1,304	13,015	47,632	43,739
Sorsogon	11	685	9,013	23,527	21,042
Surigao	5	299	4,447	14,836	13,590
Tarlac	15	2,044	35,137	76,993	73,428
Tayabas	18	1,547	32,418	47,075	43,785
Zambales	13	1,915	12,214	50,306	46,485
Total	527	64,414	718,215	2,164,440	2,029,466

TABLE NO. 45.—Values of merchandise sold by merchants, manufacturers and peddlers, 1917-1921

[Source: Bureau of Internal Revenue]

Year.	Peddlers.	Merchants and manufacturers.	Total.
1917	P46,057,706	P882,780,284	P928,837,990
1918	58,437,605	1,268,768,697	1,327,206,302
1919	58,296,151	1,272,991,569	1,331,287,720
1920	73,532,841	1,572,930,454	1,646,463,295
1921	45,811,280	977,085,668	1,022,896,948

TABLE NO. 46.—Number and registered tonnage of vessels engaged in foreign and domestic shipping, by ports of entry, 1920 and 1921

[Source: Bureau of Customs]

Ports of entry.	1920			
	Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
	FOREIGN.			
Manila.....	820	2,491,340	790	2,349,242
Iloilo.....	59	114,646	72	179,079
Cebu.....	47	89,647	64	174,940
Jolo.....	27	13,751	29	14,406
Zamboanga.....	25	46,117	27	53,338
Balabac.....	14	251	13	209
Total.....	992	2,755,752	995	2,771,214
Ports of entry.	1921			
	Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
	FOREIGN.			
Manila.....	710	2,306,338	676	2,156,938
Iloilo.....	59	147,208	84	237,746
Cebu.....	44	107,683	77	269,418
Jolo.....	23	15,882	25	14,571
Zamboanga.....	20	69,193	14	46,635
Balabac.....	10	151	11	161
Total.....	871	2,646,455	887	2,725,469
Ports of entry.	1920			
	Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
	DOMESTIC.			
Manila.....	3,266	845,227	3,452	975,448
Iloilo.....	6,830	687,828	6,818	625,746
Cebu.....	4,947	560,925	5,029	464,791
Jolo.....	140	34,238	139	33,836
Zamboanga.....	1,520	231,060	1,533	224,499
Balabac.....	35	2,427	40	2,529
Total.....	16,738	2,361,705	17,011	2,326,849
Ports of entry.	1921			
	Entered.		Cleared.	
	Number of vessels.	Registered net tonnage.	Number of vessels.	Registered net tonnage.
	DOMESTIC.			
Manila.....	3,210	888,238	3,410	1,090,668
Iloilo.....	6,699	755,521	6,708	667,506
Cebu.....	5,157	634,904	5,170	465,355
Jolo.....	119	39,928	117	39,657
Zamboanga.....	1,515	219,732	1,520	242,201
Balabac.....	34	2,965	33	2,920
Total.....	16,734	2,541,288	16,958	2,508,307

TABLE NO. 47.—Vessels licensed for the coastwise trade in operation, 1917-1921

[Source: Bureau of Customs]

Year.	Steam.		Sailing.		Lighterage and harbor crafts.		Total.	
	Number.	Net tonnage.	Number.	Net tonnage.	Number.	Net tonnage.	Number.	Net tonnage.
1917.....	211	28,871	1,123	37,003	2,630	37,120	3,964	102,994
1918 ^a	151	28,465	711	27,570	1,580	35,672	2,442	91,707
1919.....	168	29,891	686	22,834	1,668	38,540	2,522	91,265
1920.....	164	29,375	765	26,928	2,115	43,073	3,044	99,376
1921.....	162	25,651	763	26,657	1,976	40,220	2,901	92,528

^a Decrease is due to a great number of vessels wrecked or lost at sea during the year.

TABLE No. 48.—*Kilometerage of roads and bridges, 1920-1921*

[Source: Bureau of Public Works]

Year.	First class.		Second class.		Third class.		Total.		Expenditures.		
	Kilometers.	Equivalent in miles.	Kilometers.	Equivalent in miles.	Kilometers.	Equivalent in miles.	Kilometers.	Equivalent in miles.	Repair of old roads and bridges.	Construction of new roads and bridges.	Total.
1920.	4,906.3	3,048.7	2,037.5	1,266.1	3,079.8	1,913.7	10,023.6	6,228.5	₱3,942,553	₱7,456,499	₱11,399,052
1921.	5,066.2	3,148.1	2,044.8	1,270.6	3,036.6	1,886.9	10,147.6	6,305.6	4,546,284	8,180,413	12,726,697

TABLE No. 49.—*Kilometerage, etc., of telegraph, telephone, and cable lines, 1920-1921*

[Source: Bureau of Posts]

Year.	Telegrams.						Telephone lines.	Cable lines. ^a
	Number of offices.	Land lines.	Number of messages.		Receipts.	Kilometers.		
			Kilometers.	Number of messages.				
1920.	366	10,318.11	1,253,184	₱1,475,778	(b)	(b)	1,491.54	
1921.	368	10,348.86	1,232,552	1,322,072	(b)	(b)	1,477.54	

^a Number of cable offices included in the number of telegraph offices.^b No data available.TABLE No. 50.—*Number of post offices, municipalities with free delivery service and pieces of registered mail handled, 1920-1921*

[Source: Bureau of Posts]

Year.	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.
1920.	899	496	1,181,579	72,974	85,180	139,483	57,189	1,133,373	1,120,830
1921.	907	497	1,275,674	161,586	92,043	143,007	61,959	1,316,005	1,259,414

TABLE NO. 51.—Registration of automobiles and motor trucks, by provinces, for 1921

[Source: Bureau of Public Works]

Provinces and cities.	Automobiles.		Motor trucks.		
	Number.	Passenger capacity.	Number.	Passenger.	Tonnage.
Abra.....	21	143	4	30	1
Agusan.....	3	21	2	4	2
Albay.....	104	506	66	1,829	103
Antique.....	23	137	6	23	6
Bataan.....	10	53	7	84	6
Batangas.....	87	482	30	532	17
Bohol.....	94	643	15	101	4
Bukidnon.....	8	38	2	4	2
Bulacan.....	211	1,227	74	1,099	75
Cagayan.....	32	180	10	96	4
Camarines Norte.....	19	97	8	127	10
Camarines Sur.....	60	314	15	17	16
Capiz.....	85	450	39	380	38
Cavite.....	172	960	81	761	231
Cebu.....	379	2,314	73	483	69
Cotabato.....			1	2	
Davao.....	72	423	10	14	15
Ilocos Norte.....	143	1,087	29	526	20
Ilocos Sur.....	102	741	63	925	37
Iloilo.....	480	2,783	123	977	120
Isabela.....	21	131	32	302	39
Laguna.....	162	901	103	903	154
Lanao.....	6	31	33	371	36
La Union.....	42	261	25	440	20
Leyte.....	28	149	32	1,252	159
Marinduque.....	2	10	5	86	8
Masbate.....			1		3
Mindoro.....	2	10	2	3	2
Misamis.....	104	669	61	204	63
Mountain.....	2	13			
Nueva Ecija.....	208	1,208	63	611	85
Nueva Vizcaya.....	2	10	1	2	1
Occidental Negros.....	745	4,549	121	443	204
Oriental Negros.....	102	613	49	910	53
Pampanga.....	302	1,586	57	568	94
Pangasinan.....	274	1,744	82	962	102
Rizal.....	436	2,421	115	1,443	123
Samar.....	8	46	40	510	24
Sorsogon.....	31	186	14	194	19
Sulu.....	13	57	17	290	16
Surigao.....	12	69	5	30	2
Tarlac.....	42	237	21	285	28
Tayabas.....	149	906	37	468	58
Zambales.....	35	203	23	371	18
Zamboanga.....	47	225	66	744	62
Baguio, city of.....	76	405	60	403	60
Manila, city of.....	4,782	25,514	1,280	3,581	1,846
Total.....	9,738	54,753	3,053	23,390	4,055

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TABLE NO. 52.—Average daily, monthly and annual enrolment, and number of schools and teachers, 1920-1921
 [Source: Bureau of Education]

School-year.	Number of schools.	Total annual enrolment.	Average monthly enrolment.	Average daily attendance.	Teachers and supervisors.				Total.
					Americans.		Filipinos.		
					Male.	Female.	Male.	Female.	
1919-1920.....	5,944	791,626	678,956	618,392	151	190	10,930	6,302	17,573
1920-1921.....	6,904	943,364	836,281	774,882	115	200	12,782	7,828	20,925

TABLE NO. 53.—Highest monthly enrolment in the public schools, 1920-1921
 [Source: Bureau of Education]

School-year.	Intermediate.			Primary.			
	Number of schools.	Pupils.		Number of schools.	Pupils.		
		Male.	Female.		Male.	Female.	
1919-1920.....	614	57,836	28,881	5,280	372,225	287,481	639,706
1920-1921.....	738	80,699	45,355	6,101	494,122	367,144	861,266
		Secondary.			Grand total.		
1919-1920.....	50	12,874	4,210	5,944	442,935	300,572	743,507
1920-1921.....	65	16,608	6,824	6,904	591,429	419,823	1,010,762

TABLE No. 54.—Total enrolment in, and degrees conferred by, the University of the Philippines, 1920-1922
 [Sources: University of the Philippines]

College or school.	Enrolment.		Degree.	Graduates.	
	1920-21	1921-22		1919-20	1920-21
College of:					
Agriculture.....	519	608	Bachelor of: Arts.....	218	3
Education.....	313	363	Agriculture.....	31	31
Engineering.....	195	295	Law.....	19	17
Junior College of Liberal Arts.....	76	105	Philosophy.....	3	3
Liberal Arts.....	620	662	Science.....	43	2
Law.....	197	183	Bachelor of Science in: Agriculture.....		9
Medicine and Surgery.....	141	129	Chemistry.....		2
Veterinary Science.....	80	69	Civil Engineering.....		15
School of—			Commerce.....		15
Dentistry.....	19	23	Education.....		30
Graduate School of Tropical Medicine and Public Health.....			Library Science.....		3
Pharmacy.....	175	184	Mechanical Engineering.....		5
Total.....	2,335	2,621	Doctor of:		
			Dental Surgery.....	6	3
			Medicine.....	28	23
			Veterinary Medicine.....	2	8
Conservatory of Music.....	357	295	High School Teacher's Certificate.....	62	61
Fine Arts.....	417	389	Master of: Arts.....		
Forestry.....	43	34	Science.....	3	1
Nursing.....	273	294	Master of Science in: Agriculture.....	5	2
University High.....	453	430	Civil Engineering.....		1
Grand total.....	3,878	4,063	Pharmaceutical Chemist.....		24
			Total.....	428	258

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TABLE NO. 55.—Arrivals and departures of passengers, by nationalities, 1920 and 1921

[Source: Bureau of Customs]

Nationality.	1920		1921	
	Arrivals.	Departures	Arrivals.	Departures
Americans.....	4,421	4,372	3,662	3,625
Filipinos.....	5,319	6,523	5,923	9,196
British.....	794	740	774	733
Chinese.....	14,875	10,536	13,989	15,954
East Indians.....	53	70	74	91
Germans.....	79	72	92	63
Japanese.....	952	1,222	874	1,137
Portuguese.....	79	84	70	88
Spanish.....	563	610	505	567
Dutch and Flemish.....	81	62	78	56
French.....	68	93	52	61
Turkish.....	10	8	2	1
Italians.....	24	16	31	27
Russians.....	70	107	99	89
Scandinavians.....	33	25	85	57
Syrians.....	38	26	18	12
All others.....	276	147	210	76
Total.....	27,735	24,713	26,538	31,833

TABLE NO. 56.—Migration of Filipino laborers, by provinces of destination and agencies where recruited, 1920 and 1921

[Source: Bureau of Labor]

Province of destination.	1920	1921	Province of destination.	1920	1921
Agusan.....	64	305	Mindoro.....	62	165
Albay.....	270		Misamis.....	278	793
Bukidnon.....	4	59	Negros Occidental.....	1,068	226
Bulacan.....	6		Negros Oriental.....		33
Cagayan.....	73	7	Nueva Vizcaya.....	616	82
Cavite.....	2		Palawan.....	121	
Cebu.....		8	Pampanga.....	119	
Corregidor.....	11		Rizal.....	2	
Cotabato.....	715	1,002	Samar.....		12
Davao.....	373	152	Surigao.....	52	53
Isabela.....	234	179	Tayabas.....	369	27
Laguna.....	56	113	Zamboanga.....	176	111
Lanao.....	141	518	All others.....	11,458	74
Leyte.....		44			
Manila.....	11	4	Total.....	16,281	3,967

Agencies.	1920	1921	Agencies.	1920	1921
Davao.....		3	Bohol.....	144	462
Cebu.....	1,347	2,163	Pampanga.....	109	248
Iloilo.....	454	144	Batangas.....	325	25
Antique.....	830	149	Manila.....	110	176
Albay.....	85	31	All others.....	11,458	
Ilocos.....	403	133			
La Union.....	1,066	433	Total.....	16,281	3,967