



IBM UNIT

Philippines
VITAL and HEALTH
STATISTICS
1960

ANNUAL REPORT

PREPARED BY
DISEASE INTELLIGENCE CENTER
DEPARTMENT OF HEALTH
Manila

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

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PHILIPPINES
VITAL & HEALTH STATISTICS

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FOREWORD

The Department of Health in order to fulfill its primary responsibility of promoting, protecting and preserving the health of the nation, has to formulate disease intelligence so as to plan, implement and evaluate health programmes consistent with the problems of health and disease in the Philippines. Such disease intelligence can only be formulated with accurate, adequate and prompt vital and health statistics and epidemiological information. Thus, the Department collects, compiles and evaluates vital and health statistical data and epidemiological information and disseminates such data and information to the public health administrators concerned in the form of this report.

This report has a coverage similar to that issued for 1959 but is presented in a more detailed manner. The vital and health statistical tabulations, graphs and diagrams presented were based on health reports concerning all registered births, deaths and foetal deaths and reported cases of notifiable diseases for the calendar year 1960. Some rate tables show data since 1926; a few give figures back to the earliest year for which data are available, while most tables and figures show data for 1960.

This report is organized as follows:

1. Introduction: history; sources; classification and interpretation of data.
2. Natality statistics: text by subject and related tables, graphs and diagrams.
3. Notifiable diseases: trends of cases and deaths; classification by age and sex; cases and deaths by region, provinces and cities.
4. Mortality statistics: total, infant, maternal and foetal; text by subject and related tables, graphs and diagrams.

SOURCES, CLASSIFICATION AND INTERPRETATION OF DATA

1. Live Births, Deaths, Foetal Deaths Statistics - All the tabulations on live births, total deaths, infant, maternal and foetal deaths are based on information gathered by field personnel from

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Local Civil Registries throughout the country. Act 3753, known as Civil Registry Law of the Philippines, provides that all births, deaths and other vital events shall be registered with the Local Civil Registrar in the city, municipality and municipal districts where the event occurred. Data on live births are contained in consolidated health reports (DIC Form No. 4 - Natality Report) received from all Provincial and City Health Officers every month; while health reports (DIC Form No. 3 - Death Record Card) on deaths are received from City and Municipal Health Officers every month. The statistical information in these reports were edited, classified, punched in IBM cards, tabulated, analyzed and evaluated in the Disease Intelligence Center.

2. Notifiable Diseases - Data on notifiable diseases are based on information gathered by field health personnel. Act 3573 (Law on Reporting of Communicable Diseases) provides that any case of communicable disease shall be reported to the nearest health station (Rural Health Unit) immediately. All data are by place of occurrence and are contained in consolidated health reports (DIC Form No. 2) received from all Provincial and City Health Officers every week. Statistical information in these reports were likewise edited, classified, punched in IBM cards, tabulated, analyzed and evaluated in the Disease Intelligence Center.
3. Standard Certificates - Standard certificates of birth, death and foetal death are issued by the Bureau of Census and Statistics and serve as legal documents for the registration of live births, deaths and foetal deaths throughout the country. They have been revised from time to time in close collaboration with other government agencies concerned with vital statistics. The most recent revision was in 1956 when the certificates were made to conform with those recommended by the World Health Assembly for international use. These documents are filed with the Local Civil Registrar and from which vital statistical reports of field health personnel are based.
4. Population Statistics - The estimated population for the Philippines and for each province, city and municipality as of July 1, 1960 as computed (geometric method) by the Disease Intelligence Center based on the 1960 Census (Feb. 15, 1960) was used in this report. Until 1957 the yearly population estimates as computed by the Department of Health, based on arithmetic increase, were being utilized in the computation of vital and health statistical indices. (Bureau of Census estimates not yet available).
5. Classification of data - Vital statistics and population statistics must be classified according to similarly defined systems

and tabulated in comparable groups so as to make use of the principal value of vital statistics. Thus, variables common to both, i.e., geographic area, age and sex have been similarly classified and tabulated in this report.

Geographical Classification - Tabulation on live births, deaths, infant, maternal and foetal deaths and morbidity data on selected notifiable diseases have been classified by place of occurrence - region, province and city - the first being a geographical division as a result of the reorganization of the Department of Health and the other two being political divisions. There are 8 health regions, 54 provinces and 35 cities. The place of occurrence is not classified according to whether it is urban or rural because of the lack of standard delineation of what is urban or rural.

Age - There is no valid information with regard to the accuracy of age of a reported case or registered death. There is a strong tendency for people to round off their ages in multiple of 5 and there is an evidence of overstatement of age among very old age groups. Also, a small number of vital records are filled with the age not recorded and some vital events are not even registered. Thus, misstatements of age on vital records may be assumed to some degree. The age groups used in this report are consistent with those recommended for international use by the World Health Organization.

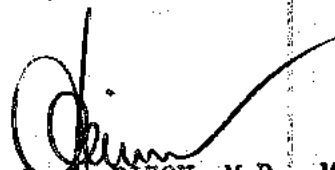
Causes of Deaths - Beginning 1960 mortality statistics published by the Department of Health will be tabulated in accordance with the Sixth Revision of the International Statistical Classification of Diseases, Injuries and Cause of Deaths. In this report the 3-digit classification and 2-digit classification were used for total mortality and foetal mortality respectively.

A large portion of certificates of deaths filed with the Local Civil Registrars throughout the country represents more than one disease or condition as the certified cause of death which appear in the medical certification provision in the standard certificate. General statistical practice requires cases involving more than one cause of death be assigned a single cause and the selection process used in determining the one cause are the rules for classification of the underlying cause of death as adopted by the World Health Assembly.

6. Interpretation of Data - Vital statistics data are very useful for a variety of administrative and scientific purposes. However, they can not be correctly interpreted unless a variety of qualifying factors, in addition to the method of classification, are taken into account. In the Philippines,

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although the law has provided for the compulsory registration of live births, deaths and foetal deaths and the reporting of all notifiable diseases, yet a variety of factors - lack of appreciation on the part of the public of the importance of registering vital events; care by which medical certificate is filled out; penalty provision of the civil registry law; municipal fees imposed on birth registration by municipal ordinances; acumen and ability of the medical attendant to make the proper diagnosis; attitude of the Local Civil Registrar towards the importance of his office; ignorance and indifference of the public towards reporting of notifiable diseases - must be given due consideration. Thus, it may be safe to assume that much is to be desired with regard to the completeness and accuracy of vital and health statistics in the country, although much progress has been achieved by the Department of Health along this line in cooperation with other agencies. It is therefore, highly suggested that these factors must be considered in the interpretation of the data presented in this report in a manner consistent with their degree of accuracy and completeness.



J. J. DIZON, M.D., M.P.H.
Chief
Disease Intelligence Center

PHILIPPINES HEALTH PICTURE 1926-1960

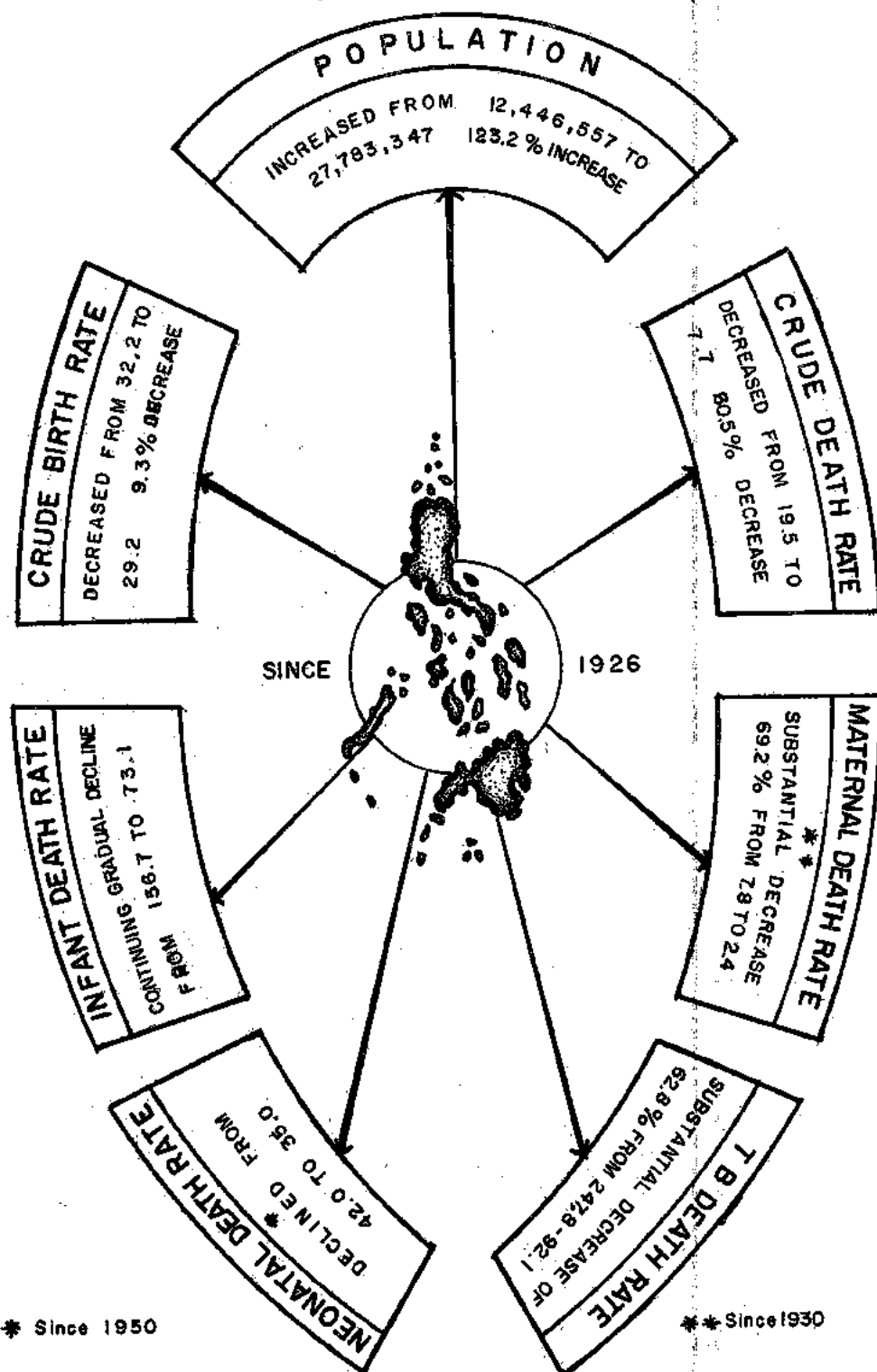


FIGURE 1

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P H I L I P P I N E S
TABLE I - ESTIMATED POPULATION, BIRTHS AND DEATHS; TOTAL, INFANT AND MATERNAL;
NUMBER AND RATE, 1926 - 1960

Year	Estimated Mid-year Pop.	B I R T H S		D E A T H S		DEATHS UNDER 1 YEAR		MATERNAL DEATHS	
		Num- ber	Rate*	Num- ber	Rate*	Num- ber	Rate**	Num- ber	Rate**
1960	27,783,347	810,904	29.2	212,688	7.7	59,301	73.1	1981	244
1959	26,931,792	809,086	30.0	197,423	7.3	58,610	72.4	2114	236
1958	26,101,757	786,562	29.4	218,186	8.4	61,335	80.0	2235	2.9
1957	25,297,303	748,331	29.6	241,469	9.5	69,592	93.0	1963	2.6
1956	24,517,642	757,794	30.9	219,719	9.0	63,583	83.9	2241	3.0
1955	23,762,011	734,761	30.9	212,798	9.0	61,958	84.3	2339	3.2
1954	23,029,668	702,662	30.5	217,650	9.5	66,175	94.2	2214	3.2
1953	22,319,895	661,939	29.7	239,988	10.8	69,729	105.3	2397	3.6
1952	21,631,998	648,725	30.0	241,020	11.1	65,883	101.6	2511	3.9
1951	20,965,301	637,264	30.4	237,937	11.3	67,209	105.5	2645	4.2
1950	20,319,152	642,472	31.6	226,505	11.2	65,273	101.6	2406	3.7
1949	19,692,917	609,138	30.9	231,151	11.7	66,114	108.5	1818	3.0
1948	19,149,579	602,415	31.5	243,467	12.7	68,897	114.4	2468	4.1
1947	18,811,167	572,226	30.4	238,527	12.7	63,809	111.5	2425	4.2
1946	18,472,755	533,283	28.9	278,546	15.1	66,902	125.5	No data	
1941 to 1945 - No data available									
1940	16,442,283	535,117	32.6	273,480	16.6	72,647	135.8	3397	6.3
1939	16,103,871	522,432	32.4	273,141	17.0	76,377	146.2	No data	
1938	15,858,152	512,389	32.3	261,848	16.5	71,239	139.0	3449	6.7
1937	15,573,853	513,760	33.0	254,740	16.4	70,515	137.3	3347	6.5
1936	15,289,553	485,126	31.7	239,107	15.6	64,999	134.0	3237	6.7
1935	15,005,253	461,410	30.8	257,181	17.1	70,793	153.4	3230	7.0
1934	14,720,953	447,738	30.4	239,705	16.3	72,008	160.8	3274	7.3
1933	14,436,654	459,682	31.8	227,594	15.8	67,002	145.8	3339	7.8
1932	14,152,354	446,940	31.6	211,809	15.0	61,511	137.6	3146	7.0
1931	13,368,055	440,159	31.7	240,825	17.4	68,290	155.2	3167	7.7
1930	13,583,755	429,245	31.6	252,938	18.6	70,826	165.0	3331	7.8
1929	13,299,455	428,966	32.3	237,733	17.9	69,334	161.6	No data	
1928	13,015,156	422,716	32.5	218,096	16.8	63,441	150.1	No data	
1927	12,730,856	414,357	32.6	220,328	17.3	63,205	152.5	No data	
1926	12,446,557	400,439	32.2	229,988	19.5	62,753	156.7	No data	

* - Per 1000 population

** - Per 1000 live births

PHILIPINES

TABLE 2 - ESTIMATED POPULATION BY AGE, SEX AND PERCENTAGE AGE DISTRIBUTION, 1951-1960

AGE GROUPS	1951			1952			1953		
	Male	Female	%	Male	Female	%	Male	Female	%
Under 1 yr.	344587	324206	3.19	353236	334662	3.18	364324	345449	3.18
1 - 4 yrs.	1066330	1036490	10.03	1071628	1048308	9.80	1148849	1127780	10.20
5 - 9 yrs.	1507570	1435958	14.04	1484459	1440187	13.52	1402534	1376293	12.45
10 - 14 yrs.	1475002	1399341	13.71	1585229	1482188	14.18	1584696	1482058	13.74
15 - 19 yrs.	1265938	1228933	11.90	1285087	1228551	11.62	1376830	1312717	12.05
20 - 24 yrs.	950767	1061902	9.60	1005531	1136038	9.90	1042681	1111189	9.65
25 - 29 yrs.	829952	889203	8.20	869005	917798	8.26	882870	945129	8.19
30 - 34 yrs.	650304	701958	6.45	706473	770992	6.83	735352	800257	6.88
35 - 39 yrs.	563106	577406	5.44	541773	550643	5.05	557661	589582	5.14
40 - 44 yrs.	508476	506245	4.84	560194	562507	5.19	577777	571697	5.15
45 - 49 yrs.	336183	332610	3.19	341317	333601	3.12	378852	384488	3.42
50 - 54 yrs.	322525	306434	3.00	345651	329267	3.12	363206	330943	3.11
55 - 59 yrs.	178597	177813	1.70	166866	166267	1.54	203395	225147	1.92
60 - 64 yrs.	191204	184075	1.79	206957	204051	1.90	169869	162697	1.49
65 - 69 yrs.	113462	100384	1.02	111605	98225	0.97	158693	156018	1.41
70 - 74 yrs.	99804	95173	0.93	105104	98237	0.94	93875	84684	0.80
75 - 79 yrs.	40972	38696	0.38	39008	36704	0.35	70406	72441	0.64
80 - 84 yrs.	39922	39746	0.38	39008	38867	0.36	31292	28972	0.27
85 & Over	21011	23016	0.21	17337	19437	0.17	32409	36783	0.31

TABLE 2 - ESTIMATED POPULATION BY AGE, SEX AND PERCENTAGE AGE DISTRIBUTION, 1951-1960

AGE GROUPS	1 9 5 4			1 9 5 5			1 9 5 6		
	Male	Female	%	Male	Female	%	Male	Female	%
Under 1 yr.	375684	354356	3.17	388664	369344	3.19	400783	381330	3.19
1 - 4 yrs.	1186977	1159746	10.19	1220667	1195930	10.17	1258729	1234715	10.17
5 - 9 yrs.	1375971	1362257	11.89	1365674	1362206	11.48	1320011	1325442	10.79
10 - 14 yrs.	1632957	1538228	13.77	1593881	1504685	13.04	1579846	1509377	12.60
15 - 19 yrs.	1402476	1331146	11.87	1526132	1444119	12.50	1550431	1475046	12.34
20 - 24 yrs.	1160471	1195464	10.23	1155296	1161500	9.75	1321237	1289892	10.65
25 - 29 yrs.	879285	967694	8.02	977009	1087910	8.69	982961	1103490	8.51
30 - 34 yrs.	794007	871039	7.23	791591	855116	6.93	853043	917130	7.22
35 - 39 yrs.	566983	598318	5.06	644208	693593	5.63	665521	717274	5.64
40 - 44 yrs.	595793	597144	5.18	552688	559374	4.68	573598	586086	4.73
45 - 49 yrs.	405646	411907	3.55	489693	491678	4.13	513542	513747	4.19
50 - 54 yrs.	366465	338243	3.06	307841	305219	2.58	335825	333507	2.73
55 - 59 yrs.	216652	230124	1.94	304275	294528	2.52	314989	302856	2.52
60 - 64 yrs.	175165	172583	1.51	159269	156766	1.33	170363	172884	1.40
65 - 69 yrs.	160184	157625	1.38	178286	173392	1.48	177717	175337	1.44
70 - 74 yrs.	99107	87433	0.81	96275	84316	0.76	100502	90736	0.78
75 - 79 yrs.	70297	70184	0.61	78446	78383	0.66	82118	77247	0.65
80 - 84 yrs.	31115	28762	0.26	27337	24939	0.22	29415	26976	0.23
85 & Over	28810	33370	0.27	28526	33255	0.26	25738	28201	0.22
TOTAL	11524045	11505623	100%	11885758	11876253	100%	12256369	12261273	100%

P H I L I P P I N E S

TABLE 2 - ESTIMATED POPULATION BY AGE, SEX AND PERCENTAGE AGE DISTRIBUTION, 1951-1960

AGE GROUPS	1957			1958			1959			1960		
	Male	Female	%	Male	Female	%	Male	Female	%	Male	Female	%
Under 1 yr.	414627	394887	3.20	428859	409007	3.21	442319	422192	3.21			
1 - 4 yrs.	1298237	1277029	10.18	1341324	1318445	10.19	1386113	1363623	10.21			
5 - 9 yrs.	1331104	1345351	10.58	1416928	1438604	10.94	1462745	1480900	10.93			
10 - 14 yrs.	1554851	1513712	12.13	1470372	1447805	11.18	1442579	1433736	10.68			
15 - 19 yrs.	1666092	1561844	12.76	1665901	1562886	12.37	1718188	1618661	12.39			
20 - 24 yrs.	1341217	1287173	10.39	1436481	1374678	10.77	1462745	1394718	10.61			
25 - 29 yrs.	1040360	1178213	8.77	1078012	1153688	8.55	1199236	1243477	9.07			
30 - 34 yrs.	893723	942861	7.26	907251	974686	7.21	906149	992542	7.05			
35 - 39 yrs.	723069	789710	5.98	752132	819194	6.02	813383	891400	6.33			
40 - 44 yrs.	549886	563195	4.40	568335	601024	4.48	576763	610929	4.41			
45 - 49 yrs.	565055	570794	4.49	583978	580160	4.46	602307	604237	4.48			
50 - 54 yrs.	340045	332863	2.66	378021	386761	2.93	404675	411358	3.03			
55 - 59 yrs.	337516	325273	2.62	354558	326698	2.61	357620	334527	2.57			
60 - 64 yrs.	159277	161999	1.27	194225	218183	1.58	207043	223866	1.60			
65 - 69 yrs.	192144	189845	1.51	159030	154191	1.20	162677	163198	1.21			
70 - 74 yrs.	98600	88600	0.74	142084	142425	1.09	142510	145660	1.07			
75 - 79 yrs.	84695	79737	0.65	78211	70569	0.57	80666	72845	0.57			
80 - 84 yrs.	26546	26578	0.21	52141	54876	0.41	51089	51252	0.38			
85 & Over	24018	26577	0.20	27374	32660	0.23	25544	28320	0.20			
TOTAL	12641062	12656241	100%	13035217	13066540	100%	13444351	13487441	100%			

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P H I L I P P I N E S
TABLE 2 - ESTIMATED POPULATION BY AGE, SEX AND PERCENTAGE AGE DISTRIBUTION
1951-1960

A G E G R O U P S	1 9 6 0		
	Male	Females	%
Under 1 yr.	456305	435540	3.21
1 - 4 yrs.	1429940	1406740	10.21
5 - 9 yrs.	1508996	1527724	10.9
10 - 14 yrs.	1488192	1479069	10.68
15 - 19 yrs.	1772515	1669842	12.39
20 - 24 yrs.	1508996	1438817	10.61
25 - 29 yrs.	1237155	1282795	9.07
30 - 34 yrs.	934801	1023925	7.05
35 - 39 yrs.	839102	919584	6.33
40 - 44 yrs.	594999	630247	4.41
45 - 49 yrs.	621351	623343	4.48
50 - 54 yrs.	417470	424365	3.03
55 - 59 yrs.	368929	345105	2.57
60 - 64 yrs.	213589	230945	1.60
65 - 69 yrs.	167820	168358	1.21
70 - 74 yrs.	147016	150266	1.07
75 - 79 yrs.	83217	75148	0.57
80 - 84 yrs.	52704	52873	0.38
85 & Over	26352	29214	0.20
T O T A L	13869447	13913900	100%

PHILIPPINE POPULATION, 1926-1960

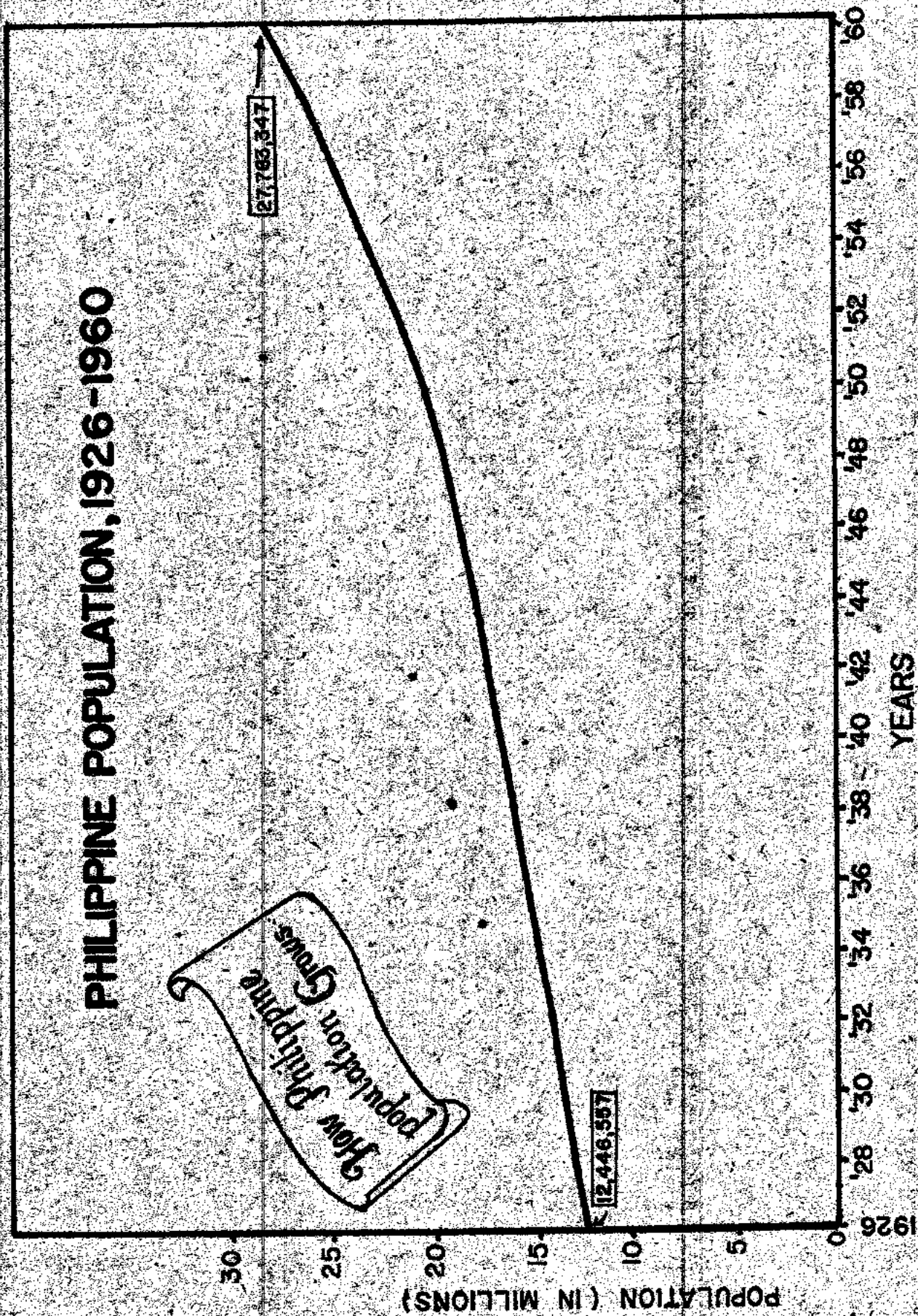


FIGURE 2

Republic of the Philippines
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PHILIPPINES

TABLE 3 - ESTIMATED POPULATION, TOTAL BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, FOETAL DEATHS AND MATERNAL DEATHS BY REGION, PROVINCE AND CITY; NUMBER AND RATE, 1960

PLACE	ESTIMATED POPULATION			BIRTHS			DEATHS			DEATHS UNDER 1 YEAR			MATERNAL DEATHS			FOETAL DEATHS		
	Number	Rate per 1000 pop.	Rate per 1000 pop.	Number	Rate per 1000 pop.	Rate per 1000 pop.	Number	Rate per 1000 pop.	Rate per 1000 pop.	Number	Rate per 1000 live births	Rate per 1000 live births	Number	Rate per 1000 live births	Rate per 1000 live births	Number	Rate per 1000 live births	Rate per 1000 live births
<u>PHILIPPINES</u>	<u>27783347</u>	<u>810904</u>	<u>29.2</u>	<u>212688</u>	<u>7.7</u>	<u>59301</u>	<u>73.1</u>	<u>1981</u>	<u>2.4</u>	<u>10262</u>	<u>12.7</u>							
<u>REGION I</u>	<u>3278129</u>	<u>119350</u>	<u>36.4</u>	<u>27750</u>	<u>8.5</u>	<u>7767</u>	<u>65.1</u>	<u>186</u>	<u>1.6</u>	<u>1457</u>	<u>12.2</u>							
AERA	118092	3544	30.0	864	7.3	208	58.7	6	1.7	32	9.0							
ILOCOS NORTE	290453	10304	35.5	2602	9.0	628	61.0	17	1.7	214	20.8							
ILOCOS SUR	342618	12250	35.8	2961	8.6	775	63.3	14	1.1	49	4.0							
LA UNION	298685	12118	40.6	2837	9.5	751	62.0	17	1.4	137	11.3							
MT. PROVINCE	390476	7347	18.8	1355	3.5	307	41.8	17	2.3	56	7.6							
PANGASINAN	1074379	41336	38.5	10544	9.8	3152	76.3	70	1.7	435	10.5							
TARLAC	432446	17758	41.1	3780	8.7	1110	62.5	21	1.2	278	15.7							
ZAMBALES	216166	8796	40.7	1382	6.4	415	47.2	6	.7	64	7.3							
<u>TOTAL</u>	<u>3163315</u>	<u>113453</u>	<u>36.9</u>	<u>26325</u>	<u>8.3</u>	<u>7346</u>	<u>64.8</u>	<u>168</u>	<u>1.5</u>	<u>1265</u>	<u>11.2</u>							
BAGUIO	50931	2872	56.4	415	8.2	144	50.1	7	2.4	60	30.9							
DAGUPAN	63883	3025	47.4	1010	15.8	277	91.6	11	3.6	132	43.6							
<u>TOTAL</u>	<u>114814</u>	<u>5897</u>	<u>51.4</u>	<u>1425</u>	<u>12.4</u>	<u>421</u>	<u>71.4</u>	<u>18</u>	<u>3.1</u>	<u>192</u>	<u>32.6</u>							
<u>REGION II</u>	<u>1049218</u>	<u>41672</u>	<u>39.7</u>	<u>11492</u>	<u>11.0</u>	<u>4234</u>	<u>101.6</u>	<u>102</u>	<u>2.5</u>	<u>501</u>	<u>12.0</u>							
BATANES	10458	311	29.7	82	7.8	18	57.9	-	-	1	3.2							
CAGAYAN	451014	18577	41.2	5335	11.8	2049	110.3	51	2.8	197	10.6							

P L A C E	ESTIMATED POPULATION	B I R T H S		D E A T H S		DEATHS UNDER 1 YEAR		MATERNAL DEATHS		FOETAL DEATHS	
		Number	Rate per 1000 pop.	Number	Rate per 1000 pop.	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births
ISABELA	448104	17279	38.6	4894	10.9	1743	100.9	41	2.4	202	11.7
NUOVA VIZCAYA	139642	5505	39.4	1181	8.5	424	77.0	10	1.8	101	18.4
TOTAL	1049218	41672	39.7	11492	11.0	4234	101.6	102	2.5	501	10.0
R E G I O N III	7405849	272086	36.7	59889	8.1	17655	64.9	458	1.7	4121	15.2
BATAAN	147663	5046	34.2	1282	8.7	389	77.1	7	1.4	80	15.9
BATANGAS	620832	21786	35.1	5177	8.3	1641	75.3	28	1.3	160	7.3
BULACAN	564344	14082	25.0	4584	8.1	1328	94.3	29	2.1	182	13.1
CAVITE	317359	7757	24.4	2799	8.8	767	98.9	14	1.8	137	17.7
LAGUNA	406232	14461	35.6	2991	7.4	615	42.5	21	1.5	300	20.8
MARINDUQUE	116263	4763	41.0	1287	11.1	395	82.9	18	3.8	125	26.2
MINDRO OCCIDENTAL	85327	2584	30.3	476	5.6	117	45.3	7	2.7	16	6.2
MINDORO ORIENTAL	229829	7720	33.6	1987	8.7	711	92.1	27	3.5	120	15.5
NUOVA ECLJA	544760	17128	31.4	3888	7.1	1214	70.9	23	1.3	158	9.2
PALAWAN	164862	1677	10.7	297	2.3	52	31.0	25	14.9	23	13.7
CULION LEPEP		91		84		10	109.9	-	-	-	-
PAMPANGA	623170	20690	33.2	4233	6.8	1027	49.6	23	1.1	140	6.8
QUEZON	664729	25270	38.0	5144	7.7	1577	62.4	47	1.9	264	10.5
RIZAL	945120	28204	29.8	6233	6.6	1780	63.1	23	.8	408	14.5
TOTAL	5430490	171259	31.5	40462	7.5	11623	67.9	292	1.7	2113	12.3
CABANATUAN	71237	2805	39.4	830	11.7	232	82.7	15	5.4	30	10.7
CAVITE	55537	2193	39.5	470	8.5	121	55.2	4	1.8	41	18.7
LIPA	70169	2995	42.7	688	9.8	247	82.5	8	2.7	20	6.7
MANILA (Residents)	1159391	48418	63.8	8815	10.8	2832	58.5	54	1.1	927	19.1
(Transients)		25701		3730		1255	48.8	58	2.3	693	25.8
PASAY	133755	3409	25.5	978	7.3	246	72.2	2	.6	47	12.6
QUEZON	402115	12040	29.9	3120	7.8	864	71.8	15	1.3	158	13.1
SAN PABLO	71616	3170	44.3	737	10.3	213	67.2	10	3.1	92	29.0

<u>P L A C E</u>	<u>ESTIMATED POPULATION</u>	B I R T H S		D E A T H S		DEATHS UNDER 1 YEAR		MATERNAL DEATHS		FETAL DEATHS	
		<u>Number</u>	<u>Rate per 1000 pop.</u>	<u>Number</u>	<u>Rate per 1000 pop.</u>	<u>Number</u>	<u>Rate per 1000 live births</u>	<u>Number</u>	<u>Rate per 1000 live births</u>	<u>Number</u>	<u>Rate per 1000 live births</u>

TAGAYTAY	7184	960	13.4	59	8.2	22	229.2	-	-
TRCE MARTIRES	4355	-	(included in Cavite)	6032	59.8	-	-	-	-
TOTAL	1975359	100827	51.0	19427	9.8	6032	59.8	16	1.7

R E G I O N I V	2401540	67448	28.1	19631	8.2	4436	65.8	221	3.3
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ALBAY	460623	16842	36.6	4195	9.1	834	49.5	42	2.5
CIMARRINES NORTE	190819	6897	36.1	1617	8.5	430	62.4	27	3.9
CAMARINES SUR	780114	18414	23.6	5679	7.3	1265	68.7	55	3.0
CATANDUANES	158509	4542	28.7	1539	9.7	410	90.3	8	1.8
MASBATE	340726	6167	18.1	1834	5.4	537	87.1	23	3.7
SORSOGON	352868	9071	25.7	3322	9.4	644	71.1	46	5.1
TOTAL	2283659	61933	27.1	18186	8.0	4120	66.5	201	3.3

NAGA	56388	2877	51.0	694	12.3	148	51.4	7	2.4
LEGASPI	61493	2638	42.9	751	12.2	168	63.7	13	4.9
TOTAL	117881	5515	46.8	1445	12.3	316	57.3	20	3.6

R E G I O N V	3248992	70123	21.6	24714	7.6	6224	88.8	192	2.7
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AKLAN	191475	4899	25.6	1923	10.0	325	66.3	18	3.7
ANTIQUE	242017	6077	25.1	2298	9.5	512	84.3	11	1.8
CAPIZ	268646	5028	18.7	2165	8.1	586	116.6	18	3.6
ILOILO	824894	17877	21.7	6064	7.4	1470	82.2	37	2.1
NEGROS OCCIDENTAL	1166468	20408	17.5	7226	6.2	2038	99.9	59	2.9
ROMELON	133587	3919	29.3	1023	7.7	278	70.9	17	4.3
TOTAL	2864830	58208	20.3	20699	7.2	5209	89.5	160	2.8

BACOLOD	120591	3205	26.6	1303	10.8	335	104.5	11	3.4
ILOILO	152777	5890	38.6	1730	11.3	401	68.1	16	2.7

P L A C E	B I R T H S			D E A T H S			DEATHS UNDER 1 YEAR			MATERNAL DEATHS			FOETAL DEATHS		
	ESTIMATED POPULATION		Rate per 1000 pop.	Number	Rate per 1000 pop.	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births
	Number	Rate													
ROXAS	49944	1153	23.1	539	10.8	159	137.9	4	3.5	18	15.6				
SILAY	60850	1667	27.4	442	7.3	120	72.0	1	.6	16	9.6				
TOTAL	384162	11915	31.0	4015	10.5	1015	85.2	32	2.7	147	12.3				
R E G I O N VI	4645754	132850	28.6	43246	9.3	11051	83.2	515	3.9	1641	12.4				
BOHOL	609685	21124	34.6	6435	10.6	1959	92.7	72	3.4	305	14.4				
CEBU	1094144	34966	32.0	10087	9.2	2970	84.9	92	2.6	527	15.1				
LEYTE	1073468	28078	26.2	10733	10.0	2291	81.6	160	5.7	159	5.7				
NEGROS ORIENTAL	570158	11840	20.8	3352	5.9	805	68.0	32	2.7	2	.2				
SAMAR	803509	17138	21.3	6315	7.9	1363	79.5	84	4.9	139	8.1				
TOTAL	4150964	113146	27.3	36922	6.4	9388	83.0	440	3.9	1132	10.0				
CALBAYOG	78749	1885	23.7	648	8.2	160	85.8	12	6.4	3	1.6				
CEBU	262286	12719	48.5	3156	12.0	920	72.3	31	2.4	402	31.6				
DUMA GUETE	35769	1573	44.0	323	9.0	75	47.7	3	1.9	12	7.6				
ORMOC	63739	1529	24.0	913	14.3	209	136.7	14	9.2	23	15.0				
TACLOBAN	54247	2018	37.2	1284	23.7	299	148.2	15	7.4	69	34.2				
TOTAL	494790	19704	39.8	6324	12.8	1663	84.4	75	3.8	509	25.8				
R E G I O N VII	2443553	30652	12.5	8969	3.7	2736	89.1	121	4.0	350	10.7				
LANAO DEL NORTE	223007	4056	18.2	884	4.0	299	73.7	10	2.5	13	3.2				
LANAO DEL SUR	488566	494	10.1	-	-	-	-	-	-	-	-				
MISAMIS OCCIDENTAL	206833	7275	35.2	1972	9.5	578	79.5	22	3.0	73	10.0				
SULU	330952	865	2.6	409	1.2	95	109.8	-	-	-	-				
ZAMBOANGA DEL NORTE	283736	4834	17.0	1639	5.8	443	91.6	28	5.8	71	14.7				
ZAMBOANGA DEL SUR	162464	5637	12.2	1796	3.9	626	111.1	30	5.2	40	7.1				
TOTAL	1995558	23161	11.6	6700	3.4	2041	88.1	90	3.9	197	8.5				

P L A C E	B I R T H S			D E A T H S			DEATHS UNDER 1 YEAR			MATERNAL DEATHS			FOETAL DEATHS		
	ESTIMATED POPULATION	Number	Rate per 1000 pop.	Number	Rate per 1000 pop.	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births	Number	Rate per 1000 live births
BASILAN	157908	524	3.3	336	2.1	86	164.1	3	5.7	17	32.4				
ILIGAN	60800	1858	30.6	488	8.0	155	83.4	12	6.5	35	18.8				
MARAWI	49042	198	4.0	65	1.3	17	85.9	-	-	6	30.3				
OZAMIS	47266	1096	23.2	441	9.3	126	115.0	3	2.7	29	26.5				
ZAMBOANGA	132979	3815	28.7	939	7.1	311	81.5	13	3.4	66	17.3				
TOTAL	447995	7491	16.7	2269	5.1	695	92.8	31	4.1	153	20.0				
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R E G I O N VIII	3310312	76723	23.2	16997	5.1	5198	67.8	186	2.4	825	10.8				
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AGUSAN	191475	4452	23.3	1102	5.8	357	80.2	15	3.4	58	13.0				
BUKIDNON	197964	3926	19.8	581	2.9	169	43.1	8	2.0	32	8.2				
COTABATO	1128459	12521	11.1	2257	2.0	648	51.8	11	8.8	133	10.6				
DAVAO	679401	21119	31.1	3587	5.3	1096	51.9	39	1.9	148	7.0				
MISAMIS ORIENTAL	270383	9646	35.7	2971	11.0	1027	106.5	35	3.6	209	21.7				
SURIGAO	364440	7975	21.9	3001	8.2	798	100.1	44	5.5	77	9.7				
TOTAL	2832122	59639	21.1	13499	4.8	4095	68.7	152	2.6	657	11.0				
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BUTUAN	83742	3275	39.1	905	10.8	316	96.5	9	2.8	85	26.0				
CAGAYAN DE ORO	68838	2703	39.3	637	9.3	211	78.1	10	3.7	65	24.1				
COTABATO	37765	704	18.6	219	5.8	64	90.9	1	1.4	5	7.1				
DAVAO	234599	10402	44.3	1737	7.4	512	49.2	14	1.4	13	1.3				
GINGOOG	53246	-	-	-	-	-	-	-	-	-	-				
TOTAL	478190	17084	35.8	3498	7.3	1103	64.6	34	2.0	168	9.8				

PHILIPPINES VITAL STATISTICAL RATES 1926-1960

LEGEND:

- CRUDE BIRTH RATE
- CRUDE DEATH RATE
- INFANT MORTALITY RATE
- MATERNAL MORTALITY RATE

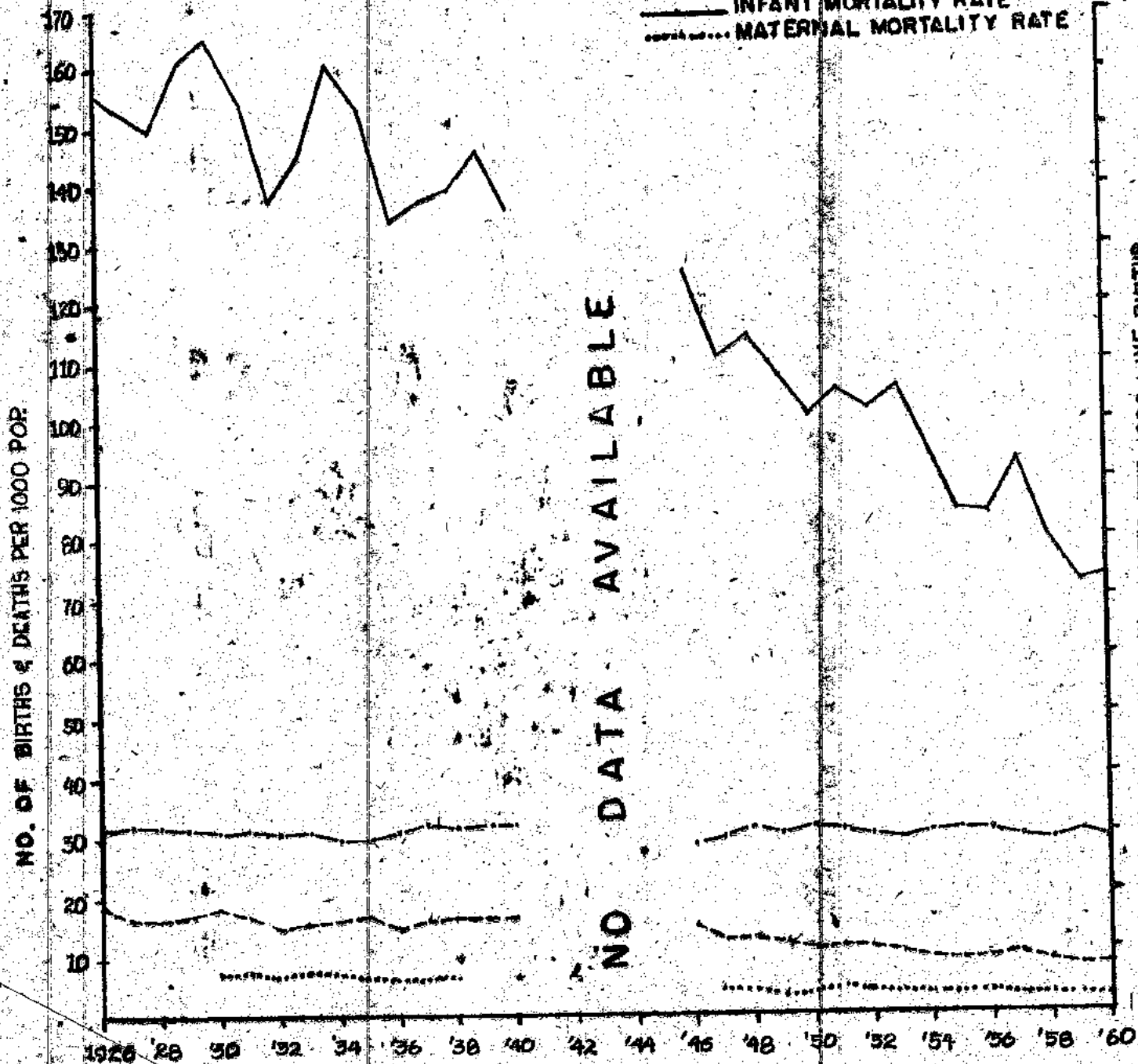


FIGURE 3

NATALITY STATISTICS

Live births statistics discussed in this report are based on births registered in the local civil registries throughout the country as provided for in Act 3753. In 1960, there were 810,904 live births and the highest monthly birth (73,187) was in January while the lowest figure (58,577) was in April and the average monthly births is 67,575. The 1960 figure represents an increase of 2.25% over the figure (809,086) for the previous year. It was noted that the crude birth in 1960 was slightly lower than in 1959 and even lower than in 1926. This could be explained by the disparity between population and growth and registration of births. While the population increased by 123% since 1926, the improvement in birth registration was not consistent with the tremendous increase in population.

The crude birth rate per 1000 population was 29.2 in 1960; 30.0 in 1959 and 30.3 was the average for the past 10 years, 1950-1959. The level of birth rate (31.84) in the decade before World War II is slightly higher than the level of birth rate during the decade after the war (30.48). The figure of 810,904 does not represent the total number of babies born in 1960. However, there is no estimate of the percentage of under-registration of births which is valid for the country, so that the birth statistics discussed in this report are not based on births adjusted for under-registration.

Trend of the Crude Birth Rate - The total number of live births and birth rates since 1926 is presented in this report. As shown in Table I and Figure 3, World War II (no available data) separated two contrasting periods of changes in the crude rate. Before the war, the birth rates showed a declining trend; but after the war, there was a slow, irregular movement. In the period 1926 to 1929 the rate was almost stable (32 per 1000 pop.); from 1930 to 1933, the rate slightly decreased to 31 and continued to decline until in 1934 it reached the all time low during the pre-war period. From 1936 the rate began to increase until in 1940 the all time high rate (32.6) before the war was observed. For the period 1946 to 1960 the crude birth rate started as 28.9 and increasing towards 1960 (29.2) with the intervening years showing slight irregularities in the trend.

Birth Rate by Month - Crude rates by month for 1960 showed two major peaks in January and February and a minor peak in September. Troughs were noted in April and July (Table 7). As shown in Figure 5, the rate started with major peaks in January and February. In March, the rate went down and in April the rate was at its lowest. However, it increased slightly in May and June only to decrease again in July. During the second half of the year, the rate started to increase and continued up to September when the minor peak was observed. The rate went down in October only to rise again in November and December.

Crude rates by month in the period 1951-1960 followed a fairly regular seasonal pattern (Table 7). As shown in Figure 6, there was a major and minor peak in January or December of each year and troughs at the middle of the year or at the end of the first quarter. However, in the earlier pattern the lowest rate occurred at the middle of the year, whereas, in the most recent period the annual low was in March or April. Also, monthly fluctuations were previously more moderate.

Attendance of Births - In 1960 the estimated number of births medically attended was 355,557 representing 43.8% of the total number of births (810,964). 143,702 or 17.7% of all births were delivered by physicians; 59,617 or 7.4% were attended by nurses and 152,238 were delivered by midwives representing 18.8% of the total births during the year.

General Fertility Rate - A useful measure of fertility is the rate representing the total number of live births per 1000 female population aged 15-44 years. In 1960 this rate was 116 while in 1951 it was 128. It was noted therefore, that the general fertility rate for the country did not change in 10 years time.

Crude Birth Rates by Location - Table II and Figure 7 show that among the eight health regions in the country, Region II with a crude birth rate of 39.7 (per 1000 population) had the highest rate; while Region VII (12.5) was observed to have the lowest birth rate.

Among the provinces Cagayan (Region II) with a rate of 41.2 (per 1000 population) had the highest crude birth rate, while Sulu (Region VII) with a rate of 2.6 presented the lowest crude birth rate. Among the cities, Manila (Region III) with a rate of 63.8 showed the highest crude birth rate, while Basilan (Region VII) with a rate of 3.3 presented the lowest rate. Throughout the country Manila (63.8) had highest crude birth rate, while Basilan City (3.3) presented the lowest rate.

The variation in the crude birth rate among the regions depends on the extent of birth registration in the areas and not necessarily on the fertility of the population.

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 4 - REGISTERED LIVE BIRTHS AND CRUDE BIRTH RATES BY REGION, 1951-1960

PLACE	1951		1952		1953		1954		1955	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	637264	30.4	648725	30.0	661938	29.7	702662	30.5	734761	30.2
REGION I	98943	36.9	98784	36.0	99558	35.5	101357	35.3	105663	36.0
REGION II	32355	43.4	32762	43.5	34586	42.9	35759	42.7	37543	43.1
REGION III	186798	34.4	196769	35.0	203685	35.0	217466	36.0	236310	37.8
REGION IV	61814	34.0	59428	31.6	59267	30.6	61280	30.6	63303	30.7
REGION V	59688	21.5	60643	21.5	62224	21.6	65922	22.5	69425	23.5
REGION VI	127436	31.4	125160	30.4	123976	29.7	134469	31.7	131980	30.7
REGION VII	25281	16.6	25641	15.9	27218	16.0	29398	16.4	30288	16.0
REGION VIII	44949	23.2	48598	23.6	51424	23.5	57011	24.5	60249	24.4

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES
TABLE 4 -- REGISTERED LIVE BIRTHS AND CRUDE BIRTH RATES BY REGION, 1951-1960

PLACE	1956		1957		1958		1959		1960	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	757794	30.9	748331	29.6	766562	29.4	809086	30.0	810904	29.2
REGION I	110894	37.0	107028	34.9	111014	35.5	112894	35.3	119350	36.4
REGION II	39199	43.3	37205	39.6	38654	39.6	40113	39.6	41672	39.7
REGION III	240016	37.1	241671	36.1	249337	36.0	276070	38.5	272086	36.7
REGION IV	68142	32.0	64814	29.5	68237	30.2	71171	30.5	67448	28.1
REGION V	68019	22.5	67549	21.9	66768	21.3	69900	22.0	70123	21.6
REGION VI	136110	31.2	127528	28.8	131253	29.2	136426	30.0	132850	28.6
REGION VII	28381	14.2	30483	14.5	30094	13.6	30352	13.0	30652	12.5
REGION VIII	66933	25.5	72053	23.8	71205	24.0	72160	22.9	76723	23.2

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
M a n i l a

P H I L I P P I N E S

TABLE 5 - NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY ATTENDANCE FOR THE PHILIPPINES AND EACH REGION, PROVINCE AND CITY, 1960

P L A C E	BIRTHS	Births Attended by -				Percent Attended by -			
		Physician	Nurse	Midwife	Others	Physician	Nurse	Midwife	Others
<u>P H I L I P P I N E S</u>	<u>810904</u>	<u>143702</u>	<u>59617</u>	<u>152238</u>	<u>455347</u>	<u>17.72</u>	<u>7.35</u>	<u>18.77</u>	<u>56.16</u>
<u>R E G I O N I</u>	<u>119350</u>	<u>9411</u>	<u>9964</u>	<u>19148</u>	<u>80827</u>	<u>7.89</u>	<u>8.35</u>	<u>16.04</u>	<u>67.72</u>
ABRA	3544	179	481	798	2086	5.05	13.57	22.52	58.86
ILOCOS NORTE	10304	364	1097	1672	7171	3.53	10.65	16.23	69.59
ILOCOS SUR	12250	1087	1035	1940	8188	8.87	8.45	15.84	66.84
LA UNION	12118	402	1069	2023	8624	3.32	8.82	16.69	71.17
MT. PROVINCE	7347	651	621	1165	4910	8.87	8.45	15.84	66.84
PANGASINAN	41336	715	3522	6746	30353	1.73	8.52	16.32	73.43
TARLAC	17758	1763	1211	3142	11642	9.93	6.82	17.69	65.56
-ZAMBALES	8796	780	743	1394	5879	8.87	8.45	15.84	66.84
BAGUIO	2872	2470	62	62	278	86.00	2.16	2.16	9.68
DAGUPAN	3025	1000	123	206	1696	33.06	4.07	6.81	56.07
<u>R E G I O N II</u>	<u>41672</u>	<u>1028</u>	<u>3101</u>	<u>4851</u>	<u>32692</u>	<u>2.47</u>	<u>7.44</u>	<u>11.64</u>	<u>78.45</u>
BATANES	311	8	24	37	242	2.56	7.65	12.03	77.76
CAGAYAN	18577	386	1219	1860	15112	2.08	6.56	10.01	81.35
ISABELA	17279	493	1437	2292	13057	2.85	8.32	13.26	75.57
NUEVA VIZCAYA	5505	141	421	662	4281	2.56	7.65	12.03	77.76
<u>R E G I O N III</u>	<u>272086</u>	<u>89569</u>	<u>18978</u>	<u>72305</u>	<u>91234</u>	<u>32.92</u>	<u>6.98</u>	<u>26.57</u>	<u>33.53</u>
BATAAN	5046	214	1185	2078	1569	4.24	23.48	41.18	31.09

TABLE 5 - Continued

P L A C E	BIRTHS	Births Attended by -			Percent Attended by -				
		Physician	Nurse	Midwife	Others	Physician	Nurse	Midwife	Others
BATANGAS	21786	1168	1729	3565	15324	5.36	7.94	16.36	70.34
BULACAN	14082	929	1642	5489	6022	6.60	11.66	38.98	42.76
CAVITE	7757	615	1186	3656	2300	7.93	15.29	47.13	29.65
LAGUNA	14461	933	1524	6143	5861	6.45	10.54	42.48	40.53
MARINDUQUE	4763	77	232	311	4143	1.62	4.87	6.53	86.98
MINDORO OCCIDENTAL	2584	98	419	614	1453	3.79	16.22	23.75	56.24
MINDORO ORIENTAL	7720	469	771	1145	5335	6.07	9.99	14.83	69.11
NUEVA ECIJA	17128	2751	1605	5236	7536	16.06	9.37	30.57	44.00
PALAWAN	1677	269	157	513	738	16.06	9.37	30.57	44.00
CULION LEPER	91	15	8	28	40	16.06	9.37	30.57	44.00
PAMPANGA	20690	1643	1628	7732	9687	7.94	7.87	37.37	46.82
QUEZON	25270	1311	1678	4154	18127	5.19	6.64	16.44	71.73
RIZAL	28204	6264	3418	14855	3667	22.21	12.12	52.67	13.00
CABANATUAN	2805	639	254	361	1551	22.78	9.06	12.87	55.29
CAVITE	2193	757	85	1252	99	34.54	3.86	57.09	4.50
LIPA	2995	123	68	181	2623	4.12	2.28	6.04	87.56
MANILA (Residents)*	48418	39775	373	7950	320	82.15	.77	16.42	.66
(Transients)*	25701	21113	198	4220	170	82.15	.77	16.42	.66
PASAY	3409	1500	319	547	1043	16.06	9.37	30.57	44.00
QUEZON	12040	8474	423	2170	973	70.38	3.51	18.02	8.08
SAN PAHLO	3170	432	76	105	2557	13.63	2.40	3.31	80.66
TAGAYTAY	96				96				100.00
TRECE MARTIRES									
R E G I O N IV	67448	4923	2788	11532	48205	7.30	4.13	17.10	71.47
ALBAY	16842	1202	630	2850	12160	7.14	3.74	16.92	72.20
CAMARINES NORTE	6897	565	591	1336	4405	8.19	8.57	19.37	63.87
CAMARINES SUR	18414	1314	689	3116	13295	7.14	3.74	16.92	72.20
CATANDUANES	4542	324	170	769	3279	7.14	3.74	16.92	72.20
MASBATE	6167	142	173	1436	4416	2.31	2.81	23.28	71.60
SORSOGON	9071	258	271	1349	7193	2.84	2.99	14.87	79.30

* - Based on 9-month (Jan.-Sept.) period

TABLE 5 - Continued

P L A C E	BIRTHS	Births Attended by -			Percent Attended by -				
		Physician	Nurse	Midwife	Others	Physician	Nurse	Midwife	Others
R E G I O N VII									
	30652	2747	2761	3946	21198	8.96	9.01	12.87	69.15
LANAO DEL NORTE	4056	59	328	812	2857	1.45	8.09	20.02	70.44
LANAO DEL SUR	494		30	17	447		6.07	3.40	90.53
MISAMIS OCCIDENTAL	7275	285	602	803	5585	3.92	8.27	11.04	76.77
SULU	865	199	292	159	215	23.06	33.70	18.40	24.83
ZAMB. DEL NORTE	4834	169	392	782	3491	3.50	8.10	16.17	72.23
ZAMB. DEL SUR	5637	512	484	655	3986	9.08	8.59	11.62	70.71
BASILAN	524	84	84	356		16.00	16.00	68.00	36.36
MARAWI	198	84	27	15	72	42.43	13.64	7.58	68.14
ILIGAN	1858	219	183	190	1266	11.79	9.85	10.22	70.17
OZAMIS	1096	108	132	87	769	9.85	12.04	7.94	65.79
ZAMBOANGA	3815	1028	207	70	2510	26.95	5.43	1.83	
	76723	4988	5003	11004	55728	6.50	6.52	14.34	72.64
R E G I O N VIII									
AGUSAN	4452	171	669	1120	2492	3.83	15.03	25.15	55.98
COTABATO	12521	609	1355	2196	8361	4.86	10.82	17.54	66.78
BUKIDNON	3926	725	161	436	2604	18.47	4.10	11.11	66.32
MISAMIS ORIENTAL	9646	235	785	1906	6720	2.44	8.14	19.76	69.66
DAVAO	21119	910	344	2454	17411	1.63	4.31	11.62	82.44
SURIGAO	7975	476	577	1155	5767	5.97	7.23	14.48	72.31
BUTUAN	3275	524	54	75	2622	16.00	1.64	2.29	80.07
CAGAYAN DE ORO	2703	674	255	54	1720	24.93	9.43	2.00	46.44
COTABATO	704	42	51	102	509	5.97	7.23	14.48	72.31
DAVAO	10402	622	752	1506	7522	5.97	7.23	14.48	72.31

PHILIPPINES
PERCENTAGE DISTRIBUTION OF BIRTHS BY ATTENDANT
1960

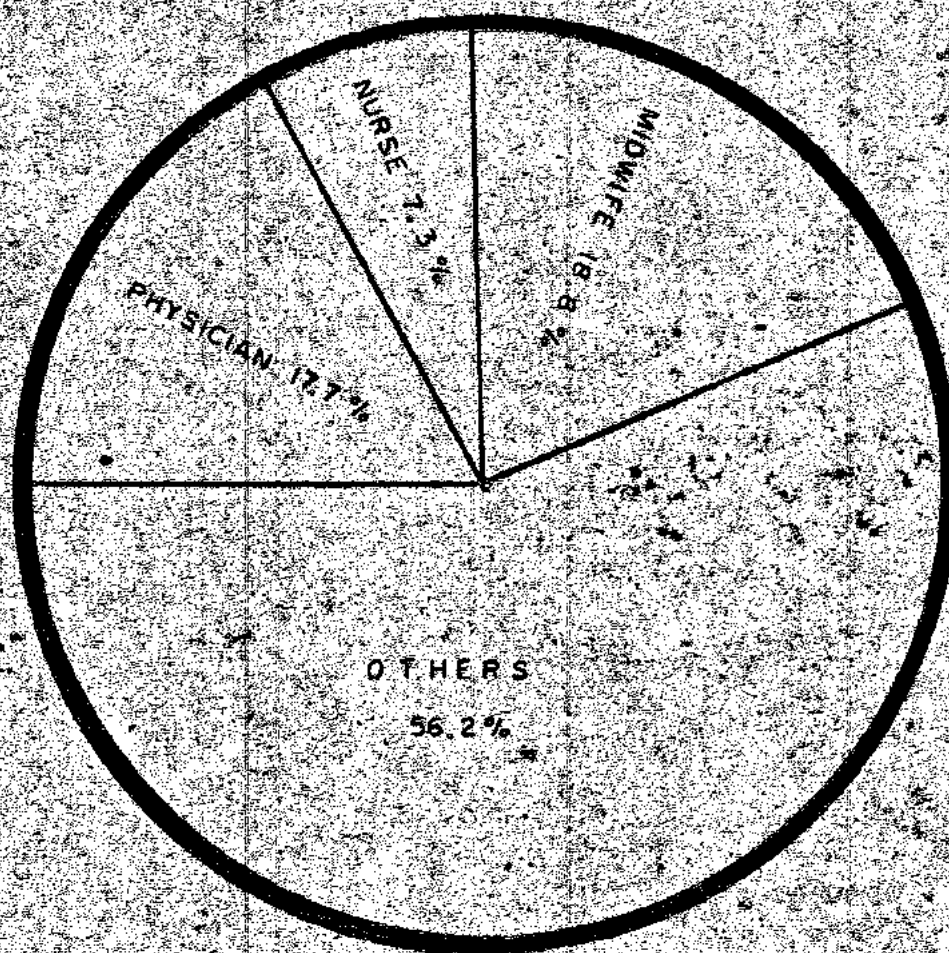


FIGURE 4

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

P H I L I P P I N E S
TABLE 6 - NUMBER AND PERCENTAGE DISTRIBUTION OF REGISTERED LIVE BIRTHS BY
PLACE OF BIRTH AND ESTIMATED NUMBER AND LEGITIMACY RATIO OF IL-
LEGITIMATE LIVE BIRTHS FOR THE PHILIPPINES AND EACH REGION, PRO-
VINCE AND CITY, 1960

P L A C E	Births Delivered in-		Percent Delivered in-		Illegitimate Births	
	Home	Hosp.	Home	Hosp.	No.	Ratio*
P H I L I P P I N E S	676542	134362	83.43	16.57	17142	21.14
<u>R E G I O N I</u>	<u>111239</u>	<u>8111</u>	<u>93.20</u>	<u>6.80</u>	<u>1562</u>	<u>13.09</u>
ABRA	3454	90	97.46	2.54	53	14.95
ILOCOS NORTE	10190	114	98.89	1.11	198	19.22
ILOCOS SUR	11319	931	92.40	7.60	170	13.88
LA UNION	11764	354	97.08	2.92	130	10.73
MT. PROVINCE	6789	556	92.40	7.60	102	13.88
PANGASINAN	40741	595	98.56	1.44	351	8.49
TARLAC	16130	1628	90.83	9.17	245	13.80
ZAMBALES	8128	668	92.40	7.60	122	13.88
BAGUIO	419	2453	14.59	85.41	89	30.99
DAGUPAN	2305	720	76.20	23.80	102	33.72
<u>R E G I O N II</u>	<u>41381</u>	<u>291</u>	<u>99.30</u>	<u>.70</u>	<u>480</u>	<u>11.52</u>
BATANES	309	2	99.34	.66	4	12.86
CAGAYAN	18419	158	99.15	0.85	212	11.41
ISABELA	17184	95	99.45	0.55	201	11.63
NUEVA VIZCAYA	5469	36	99.34	.66	63	11.44
<u>R E G I O N III</u>	<u>188622</u>	<u>83464</u>	<u>69.32</u>	<u>30.68</u>	<u>4882</u>	<u>17.94</u>
BATAAN	4991	55	98.91	1.09	30	5.95
BATANGAS	21185	601	97.24	2.76	180	8.26
BULACAN	13846	236	98.32	1.68	115	8.17
CAVITE	7392	365	95.30	4.70	223	28.75
LAGUNA	13891	570	96.06	3.94	456	31.53
MARINDUQUE	4724	39	99.18	0.82	91	19.11
MINDORO OCCIDENTAL	2567	17	99.34	0.66	90	34.83
MINDORO ORIENTAL	7531	189	97.55	2.45	149	19.30
NUEVA ECI JA	14725	2403	85.97	14.03	332	19.38
PALAWAN	1442	235	85.97	14.03	33	19.68
CULION LEPEP	78	13	85.97	14.03	2	71.98
PAMPANGA	19418	1272	93.85	6.15	184	8.89
QUEZON	24297	973	96.15	3.85	446	17.65
RIZAL	22543	5661	79.93	20.07	1261	44.71

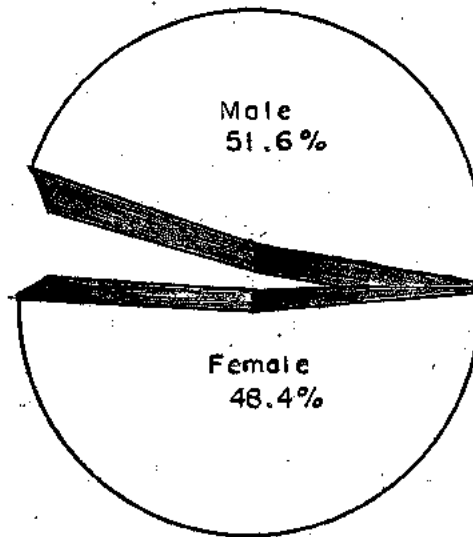
* - per 1,000 live births

TABLE 6 - Continued

P L A C E	Births Delivered in-		Percent Delivered in-		Illegitimate Births	
	Home	Hosp.	Home	Hosp.	No.	Ratio
CABANATUAN	2198	607	78.36	21.64	45	16.04
CAVITE	1455	738	66.34	33.66	227	103.51
LIPA	2671	324	89.18	10.82	11	3.67
MANILA (Residents)*	9408	39010	19.43	80.57	378	7.81
(Transients)*	4994	20707	19.43	80.57	202	7.86
PASAY	2931	478	85.97	14.03	66	19.36
QUEZON	3394	8646	28.19	71.81	247	20.51
SAN PABLO	2845	325	89.75	10.25	112	35.33
TAGAYTAY	96		100.00		2	20.83
TRECE MARTIRES						
<u>REGION IV</u>	<u>63140</u>	<u>4308</u>	<u>93.61</u>	<u>6.39</u>	<u>1461</u>	<u>21.66</u>
ALBAY	15805	1037	93.84	6.16	369	21.91
CAMARINES NORTE	6345	552	91.99	8.01	192	27.84
CAMARINES SUR	17280	1134	93.84	6.16	403	21.89
CATANDUANES	4262	280	93.84	6.16	99	21.80
MASBATE	6049	118	98.08	1.92	86	13.95
SORSOGON	8943	128	98.59	1.41	226	24.91
NAGA	1962	915	68.19	31.81	79	27.46
LEGASPI	2494	144	94.55	5.45	7	2.65
<u>REGION V</u>	<u>53305</u>	<u>16818</u>	<u>76.02</u>	<u>23.98</u>	<u>1076</u>	<u>15.34</u>
AKLAN	3723	1176	76.00	24.00	76	15.51
ANTIQUE	5949	128	97.90	2.10	133	21.89
CAPIZ	3821	1207	76.00	24.00	78	15.51
ILOILO	13587	4290	76.00	24.00	279	15.60
NEGROS OCCIDENTAL	15510	4898	76.00	24.00	318	15.58
ROMBLON	2978	941	76.00	24.00	61	15.57
BACOLOD	1425	1780	44.46	55.54	50	15.60
ILOILO	4379	1511	74.34	25.66	65	11.04
ROXAS	796	357	69.04	30.96		
SILAY	1137	530	68.21	31.79	16	9.60
<u>REGION VI</u>	<u>117866</u>	<u>14984</u>	<u>88.72</u>	<u>11.28</u>	<u>6313</u>	<u>47.52</u>
BOHOL	20652	472	97.77	2.23	545	25.80
CEBU	30469	4497	87.14	12.86	200	5.72
LEYTE	27601	477	98.30	1.70	1904	67.81
NEGROS ORIENTAL	11614	226	98.09	1.91	395	33.36
SAMAR	16951	187	98.91	1.09	1630	95.11

* Based on 9-month (January-September) period.

PHILIPPINES
PERCENTAGE DISTRIBUTION OF BIRTHS BY SEX
1960



PERCENTAGE DISTRIBUTION OF BIRTHS BY PLACE
OF BIRTH, 1960

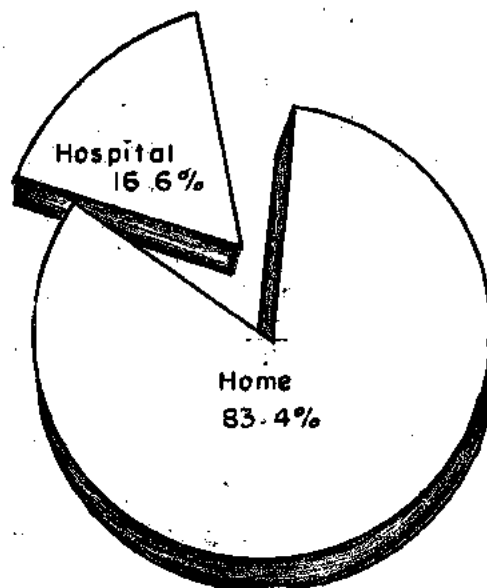
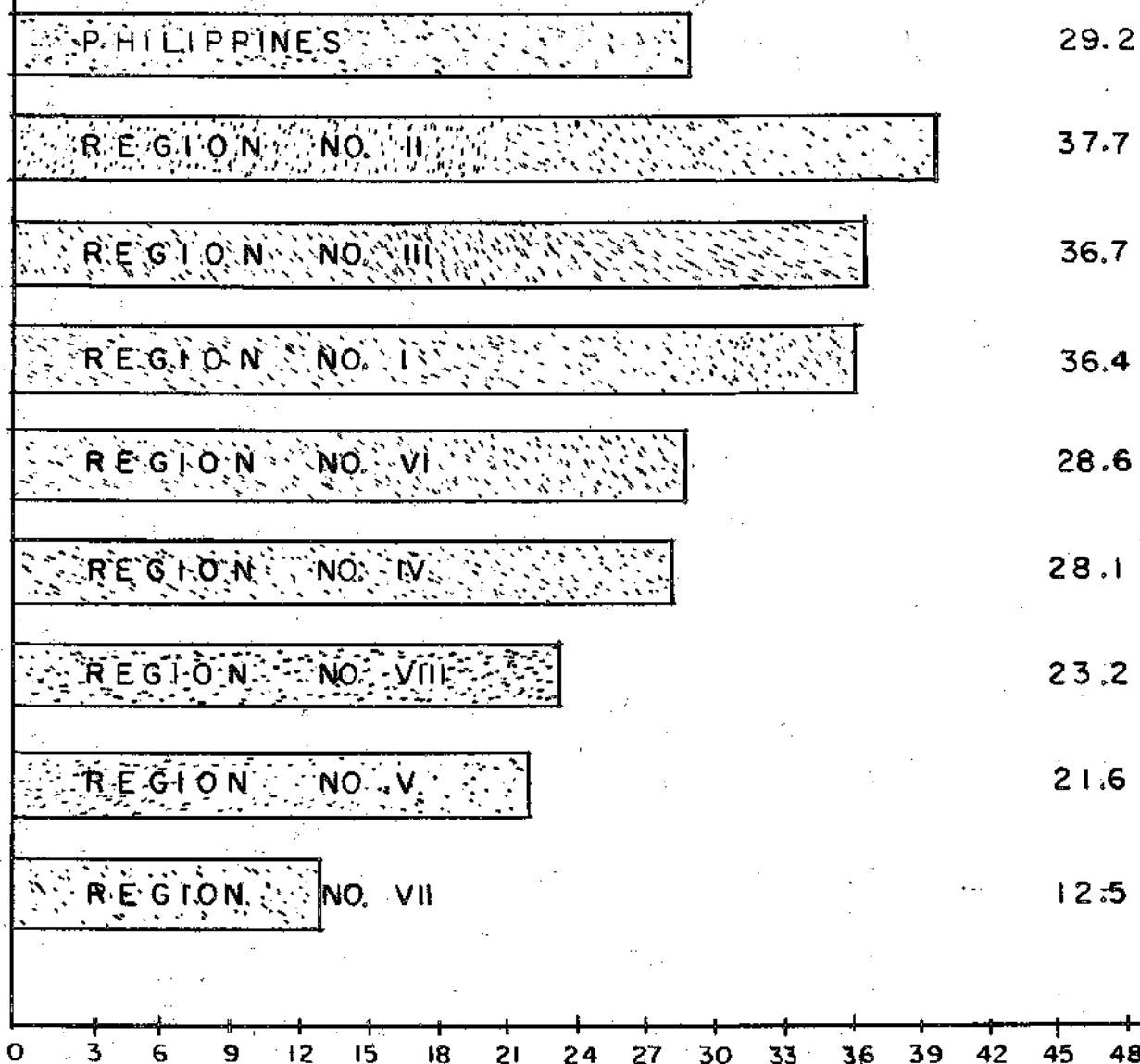


FIGURE 5

TABLE 6 - Continued

P L A C E	Births Delivered in-		Percent Delivered in-		Illegitimate Births	
	Home	Hosp.	Home	Hosp.	No.	Ratio
CALBAYOG	1803	62	96.68	3.32	202	108.31
CEBU	5279	7440	41.51	58.50	1173	92.22
DUMAGUETE	1139	434	72.41	27.59	20	12.71
ORMOC	1481	48	96.86	3.14	123	80.44
TACLOBAN	877	1141	43.46	56.54	121	59.96
<u>R E G I O N VII</u>	<u>28342</u>	<u>2310</u>	<u>92.46</u>	<u>7.54</u>	<u>500</u>	<u>16.31</u>
LANAO DEL NORTE	4051	5	99.88	.12	18	4.44
LANAO DEL SUR	494		100.00			
MISAMIS OCCIDENTAL	7168	107	98.53	1.47	147	20.21
SULU	706	159	81.60	18.40	12	13.87
ZAMB. DEL NORTE	4734	100	97.94	2.06	58	11.95
ZAMB. DEL SUR	5205	432	92.33	7.67	94	16.68
BASILAN	440	84	84.00	16.00	10	19.00
ILIGAN	1607	251	86.49	13.51	99	53.28
MARAWI	111	87	56.06	43.94		
OZAMIS	992	104	90.51	9.49	1	.91
ZAMBOANGA	2834	981	74.29	25.71	61	15.99
<u>R E G I O N VIII</u>	<u>72647</u>	<u>4076</u>	<u>94.69</u>	<u>5.31</u>	<u>868</u>	<u>11.31</u>
AGUSAN	4363	89	98.01	1.99	82	18.42
BUKIDNON	3279	647	83.51	16.49	84	21.40
COTABATO	12018	503	95.98	4.02	143	11.42
DAVAO	20728	391	98.15	1.85	230	10.89
MISAMIS ORIENTAL	9435	211	97.81	12.19	197	20.42
SURIGAO	7527	448	94.38	5.62	121	15.17
BUTUAN	2784	491	85.00	15.00	54	16.48
CAGAYAN DE ORO	2032	671	75.18	24.82	85	31.44
COTABATO	664	40	94.38	5.62	11	15.63
DAVAO	9817	585	94.38	5.62	158	15.19

PHILIPPINES
CRUDE BIRTH RATE BY REGION
1960



NO. OF BIRTHS PER 1000 POP.

FIGURE 6

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 7 - BIRTHS AND BIRTH RATES BY MONTH, 1951-1960

MONTHS	1951		1952		1953		1954		1955	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	62,862	35.3	61,245	33.4	65,554	34.6	63,888	32.7	64,200	31.8
FEBRUARY	52,478	32.7	52,159	31.5	54,425	31.8	56,659	32.1	58,829	32.3
MARCH	53,282	29.9	52,426	28.6	54,343	28.7	57,565	29.5	62,826	31.2
APRIL	52,063	30.2	49,131	27.7	52,598	28.7	55,588	29.4	57,852	29.6
MAY	55,908	31.4	54,587	29.7	56,601	29.9	60,282	30.8	61,530	30.5
JUNE	51,205	29.7	50,072	28.2	53,898	29.4	57,002	30.1	59,602	30.5
JULY	49,390	27.8	50,714	27.6	51,893	27.4	56,887	29.1	57,133	28.3
AUGUST	51,075	28.7	50,892	27.7	49,516	26.1	55,119	28.2	60,566	30.0
SEPTEMBER	49,986	29.0	54,605	30.7	52,627	28.7	57,347	30.3	61,460	31.5
OCTOBER	54,670	30.7	55,606	30.3	56,099	29.6	60,922	31.2	64,069	31.7
NOVEMBER	50,574	29.4	58,028	32.7	52,187	28.5	58,356	30.9	59,103	30.3
DECEMBER	53,771	30.2	59,260	32.3	62,197	32.8	63,047	32.3	67,591	33.5
TOTAL	637,264	30.4	648,725	29.9	661,938	29.7	702,662	30.5	734,761	30.9

P H I L I P P I N E S
TABLE 7 - BIRTHS AND BIRTH RATES BY MONTHS, 1951-1960

MONTHS	1 9 5 6		1 9 5 7		1 9 5 8		1 9 5 9		1 9 6 0	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	70,381	33.8	69,691	32.5	72,736	32.8	74,116	32.4	73,187	31.0
FEBRUARY	63,071	33.6	61,827	31.9	57,043	28.5	65,814	31.9	70,734	31.1
MARCH	61,148	29.4	62,220	29.0	56,585	25.5	63,398	27.7	68,544	29.1
APRIL	62,476	31.0	58,495	28.2	57,389	26.8	64,347	29.1	58,577	25.7
MAY	67,601	32.5	65,935	30.7	65,472	29.6	64,918	28.4	68,232	28.9
JUNE	63,507	31.5	59,727	28.7	60,930	28.4	64,787	29.3	68,091	29.8
JULY	59,782	28.7	57,662	26.9	65,862	29.7	66,648	29.2	65,956	28.0
AUGUST	61,456	29.5	60,775	28.3	65,128	29.4	63,777	27.9	66,852	28.3
SEPTEMBER	58,652	29.1	59,947	28.9	66,782	31.4	70,321	31.8	68,544	30.0
OCTOBER	65,629	31.5	65,318	30.4	68,006	30.7	72,936	31.9	67,096	28.5
NOVEMBER	60,631	30.1	62,268	30.0	63,065	29.4	63,894	28.9	65,830	28.8
DECEMBER	63,460	30.5	64,466	30.0	67,564	30.5	74,130	32.4	69,261	29.4
T O T A L	757,794	30.9	748,331	29.6	766,562	29.4	809,086	30.0	810,904	29.2

PHILIPPINES CRUDE BIRTH RATES BY MONTH 1951-1960

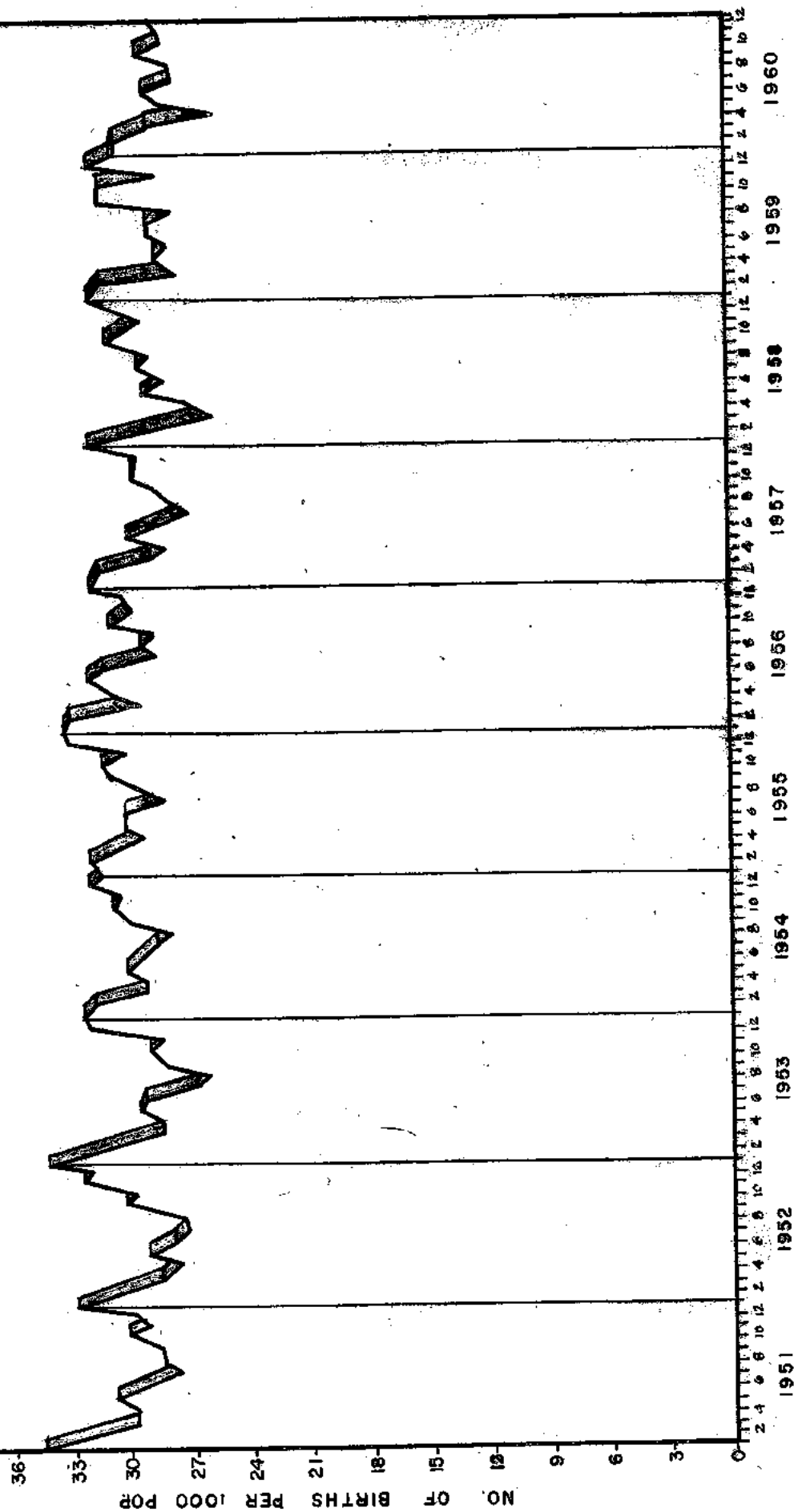


FIGURE 7

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES
TABLE 8 - REGISTERED LIVE BIRTHS FOR EACH MONTH ESTIMATED
ACCORDING TO SEX & NATIONALITY, 1960

MONTHS	TOTAL	S E X		N A T I O N A L I T Y			
		Male	Female	Fili- pino	Chinese	Ameri- can	Others
JANUARY	73187	37793	35394	72843	226	87	31
FEBRUARY	70734	36527	34207	70401	219	84	30
MARCH	68544	35396	33148	68221	212	82	29
APRIL	58577	30249	28328	58301	181	70	25
MAY	68232	35235	32997	67911	211	81	29
JUNE	68091	35162	32929	67770	211	81	29
JULY	65956	34059	31897	65646	204	79	27
AUGUST	66852	34522	32330	66537	207	80	28
SEPTEMBER	68544	35396	33148	68221	212	82	29
OCTOBER	67096	34648	32448	66780	207	80	29
NOVEMBER	65830	33994	31836	65520	204	78	28
DECEMBER	69261	35766	33495	68935	214	83	29
TOTAL	810904	418747	392157	807086	2508	967	343

PHILIPPINES

BIRTHS AND INFANT MORTALITY RATE BY MONTH

1960

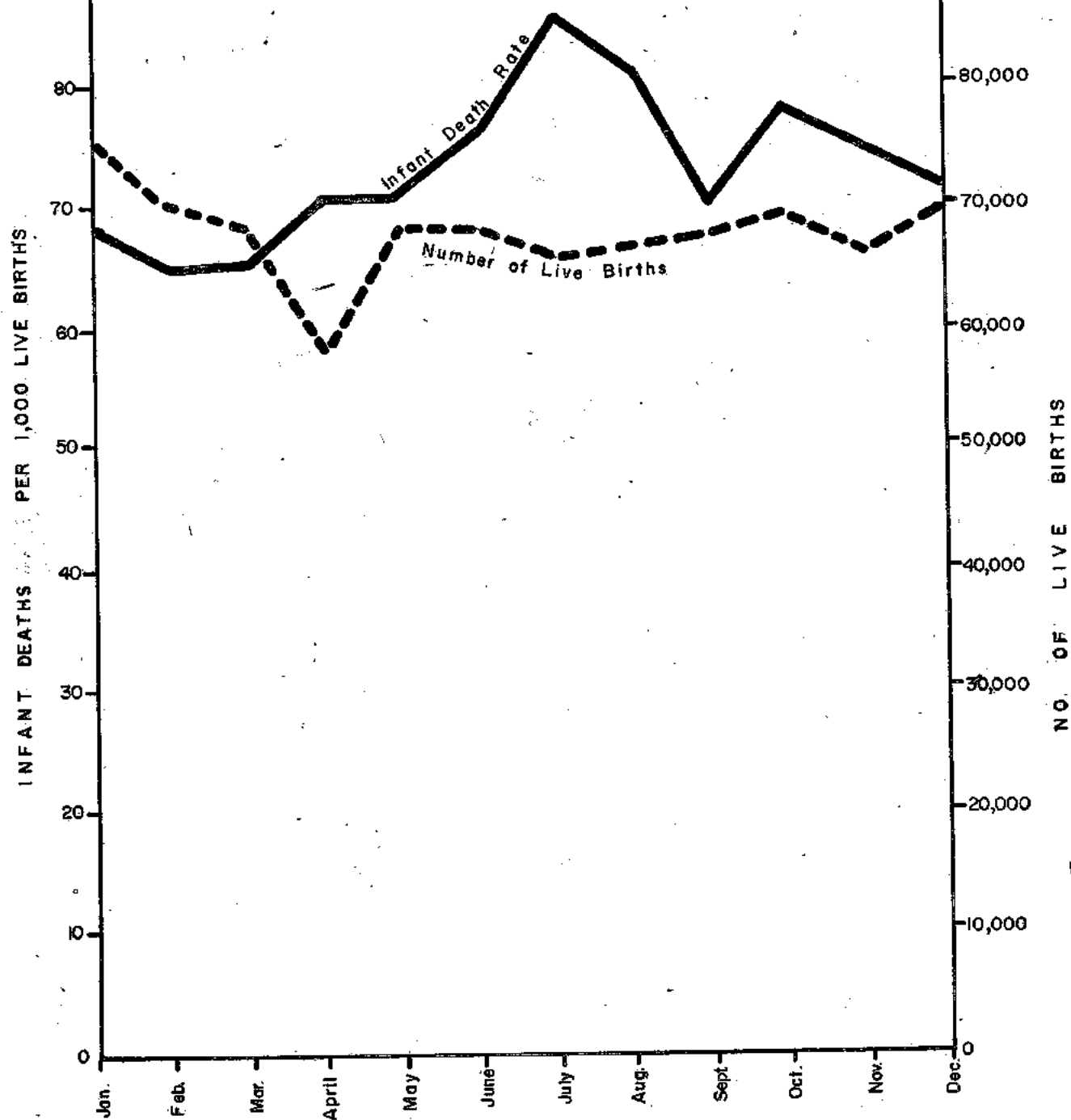


FIGURE 8

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES
TABLE 9 - NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY MONTH FOR THE
PHILIPPINES AND EACH REGION, 1960

M O N T H S	Region V		Region VI		Region VII		Region VIII	
	Number	%	Number	%	Number	%	Number	%
JANUARY	6,642	9.5	11,403	8.6	2,507	8.2	6,456	8.3
FEBRUARY	6,209	8.8	11,217	8.5	2,500	8.2	6,365	8.3
MARCH	6,136	8.7	11,043	8.3	2,819	9.2	6,343	8.3
APRIL	5,472	7.8	10,066	7.6	2,344	7.6	5,645	7.4
MAY	5,504	7.9	12,319	9.3	2,490	8.1	6,101	8.0
JUNE	5,671	8.1	11,670	8.8	2,729	8.9	6,747	8.8
JULY	5,428	7.7	10,541	7.9	2,517	8.2	6,473	8.4
AUGUST	5,534	7.9	10,818	8.1	2,605	8.5	6,776	8.8
SEPTEMBER	5,723	8.2	10,891	8.2	2,480	8.1	7,273	9.5
OCTOBER	6,255	8.9	10,942	8.2	2,504	8.2	6,532	8.5
NOVEMBER	5,902	8.4	10,788	8.1	2,572	8.4	5,899	7.7
DECEMBER	5,647	8.1	11,152	8.4	2,585	8.4	6,113	8.0
T O T A L	70,123	100.0	132,850	100.0	30,652	100.0	76,723	100.0

Table 12 shows the incidence and mortality for a 55-year period of notifiable diseases that are nationally reported. It is noted that most of the diseases show declining trends brought about by a variety of factors. Among these are therapeutic measures which limit the spread of diseases. Improvement in environmental conditions contributed also to the reduction of some notifiable diseases. The introduction and application of modern immunization procedures have also contributed not only in the reduction of some communicable diseases, but also completely eliminating such diseases as cholera and smallpox. The awareness of the public of the hazards of communicable diseases and knowledge of the modern methods of control brought about by scientific and systematic health education campaigns have also played a major role.

Certain diseases exemplified by Gastro-enteritis and Colitis, Bronchitis, Tuberculosis, Diphtheria, Whooping Cough, Tetanus, Leprosy and Varicella have generally shown increasing trends during the recent years. This is a reflection of better diagnosis and reporting rather than an actual increase in incidence. The Dysenteries and the Typhoid and Paratyphoid Fevers show declining trends, apparently due to better environmental conditions and more intensive immunization programmes. Malaria which has shown considerable increase during the years immediately after World War II as a result of exposure and movements of susceptibles to malarious areas, has declined in incidence as a result of the intensive campaign against the disease. Schistosomiasis has also the same pattern as malaria. Influenza and Measles for which no practical measures of prevention have been developed have shown irregular trends. However, the former recently showed increasing trend due to frequent epidemics of almost yearly intervals. Cancer has increased considerably which is consistent with observations that as communicable diseases decline, the degenerative diseases increase.

Table 13 shows the leading causes of morbidity for each of the eight regions of the Philippines in 1960. It is noted that these regional leading causes approximate those for the whole country (Table 14) in rank and morbidity rates with a few exceptions. Cancer for instance figured as the 10th leading for Region III. This apparently is due to the fact that most malignancy cases seek treatment in Manila where they are finally reported. Another is Schistosomiasis which also appeared as the 10th leading cause for Region VI. This can also be explained by intensive case findings being undertaken in this endemic area due to the presence of pilot projects in this region. Except Beriberi, a nutritional deficiency disease, the leading causes of morbidity for the last five decades were communicable diseases.

Seasonal variations of morbidity observed in certain diseases, e.g., Gastro-enteritis, Influenza, Varicella, Measles and Diphtheria, are shown in Table 10-A and Figures 10-A to 10-E. The expected limits of the weekly number of cases were computed as follows: From the total number of cases reported each week for the years 1955-1959, three central figures were selected by eliminating the highest and lowest figure reported for that week. The arithmetic mean of the middlemost figure (median) and the highest of the three central figures is then taken as the upper quartile limit which is used as a basis for determination of rises of incidence by week. The lower quartile limit is the average of the middlemost figure and the lowest of the three central figures.

Republic of the Philippines
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PHILIPPINES

TABLE 10 - REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE AND SEX, 1960

AGE GROUPS	Pneumonias		T. B. Respiratory		T. B. other forms		Gastro-enteritis & Colitis		Bronchitis	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	11007	8689	67	96	283	189	27342	22221	46516	36827
1 - 4 yrs.	13121	11265	990	1258	599	409	51750	41329	66340	56676
5 - 9 yrs.	3407	2700	728	794	158	126	11465	8175	19247	17715
10 - 14 yrs.	457	568	759	692	94	95	3279	2710	3450	3504
15 - 19 yrs.	980	241	1815	1853	63	63	1485	1371	1396	1397
20 - 24 yrs.	662	521	3205	3374	94	126	1582	2299	1451	2218
25 - 29 yrs.	380	258	5220	4261	139	139	1582	2358	1588	2081
30 - 34 yrs.	474	318	6045	5888	94	95	1640	1985	1177	1725
35 - 39 yrs.	258	286	5286	5615	126	32	1138	1777	1013	1259
40 - 44 yrs.	258	146	5189	6079	110	48	1138	1482	657	794
45 - 49 yrs.	240	258	5850	5449	252	32	1408	1389	602	849
50 - 54 yrs.	194	127	3897	4031	63	31	926	709	739	520
55 - 59 yrs.	240	170	2842	2583	50	44	444	817	383	712
60 - 64 yrs.	187	170	3138	3533	70	62	598	525	301	411
65 - 69 yrs.	211	146	1984	1714	29	29	77	514	329	273
70 - 74 yrs.	140	117	1948	1883	32	94	289	164	278	133
75 - 79 yrs.	140	141	1487	1026	25	15	135	101	137	192
80 - 84 yrs.	111	123	528	330	9	20	39	158	246	110
85 & Over	140	298	297	428	21	41	444	147	246	302

TOTAL 22007 26512 51275 50887 2411 1490 106761 90231 146096 127698

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 10 - REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE AND SEX, 1960

AGE	Beriberi	Cancer	Tetanus	Influenza	Malaria					
GROUPS	(280)	(140-205)	(061)	(480-483)	(110-117)					
	Male	Female	Male	Female	Male					
Under 1 yr.	10931	7703	16	11	1754	1318	4201	3342	553	331
1 - 4 yrs.	1559	1980	52	45	126	85	16312	15385	4089	3316
5 - 9 yrs.	731	518	46	33	154	59	14877	13302	5410	3562
10 - 14 yrs.	416	417	39	43	110	27	9416	8944	4474	3803
15 - 19 yrs.	107	1142	47	49	47	16	6213	6389	4606	2000
20 - 24 yrs.	731	1975	49	58	43	17	8961	7841	3624	2036
25 - 29 yrs.	731	3016	77	79	32	16	5426	7683	2763	1049
30 - 34 yrs.	416	3331	113	117	22	6	6091	5496	1668	1091
35 - 39 yrs.	624	1980	127	174	41	19	4550	4604	2763	331
40 - 44 yrs.	208	1356	176	207	27	16	3133	2993	1547	863
45 - 49 yrs.	624	833	268	331	34	13	3150	3326	1104	1216
50 - 54 yrs.	310	1045	283	301	24	10	2415	1838	1204	443
55 - 59 yrs.	310	314	265	295	22	16	1453	1225	221	111
60 - 64 yrs.	939	726	334	284	26	11	1383	875	211	100
65 - 69 yrs.	208	107	226	237	11	10	875	770	221	221
70 - 74 yrs.	833	314	234	201	13	15	735	683	120	125
75 - 79 yrs.	624	417	136	96	5	3	140	262	90	65
80 - 84 yrs.	416	208	85	95	2	3	140	52	60	30
85 & Over	208	102	97	75	6	2	210	332	22	8
TOTAL	20926	27484	2670	2731	2499	1662	89681	85342	34751	20501

P H I L I P P I N E S
TABLE 10 -- REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE AND SEX, 1960

AGE GROUPS	Measles (085)		Diphtheria (055)		Schistosomiasis (123)		Dysentery (All Forms) (045-048)		Rabies (094)		Leprosy (060)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	2471	2040	216	125	0	0	471	835	1	0	0	0
1 - 4 yrs.	5347	5472	983	646	40	54	2358	2322	9	13	8	0
5 - 9 yrs.	1820	1771	37	50	47	30	1415	835	37	10	18	9
10 - 14 yrs.	405	347	20	29	168	74	254	545	26	7	8	5
15 - 19 yrs.	122	143	0	4	202	121	162	218	15	6	31	27
20 - 24 yrs.	20	102	-	-	168	86	399	108	7	3	27	4
25 - 29 yrs.	61	41	-	-	148	54	435	182	7	3	18	10
30 - 34 yrs.	50	32	-	-	101	47	108	144	16	5	22	5
35 - 39 yrs.	-	5	-	-	135	88	228	98	10	2	26	18
40 - 44 yrs.	-	-	-	-	81	40	254	144	8	8	9	13
45 - 49 yrs.	-	-	-	-	88	47	327	108	8	4	22	14
50 - 54 yrs.	-	-	-	-	115	27	108	108	8	7	8	13
55 - 59 yrs.	-	-	-	-	41	40	182	72	6	3	22	9
60 - 64 yrs.	-	-	-	-	40	34	254	182	9	0	13	9
65 - 69 yrs.	-	0	-	-	19	26	36	108	6	6	4	13
70 - 74 yrs.	-	-	-	-	7	7	363	108	4	2	13	9
75 - 79 yrs.	-	-	-	-	20	7	7	36	3	2	4	4
80 - 84 yrs.	-	-	-	-	13	0	144	96	1	2	4	4
85 & Over	3	3	-	-	7	7	72	108	1	1	4	14
TOTAL	10299	9956	1256	854	1440	791	7397	6297	184	81	261	180

P H I L I P P I N E S
TABLE 10 - REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE AND SEX, 1960

AGE GROUPS	Whooping Cough (056)		Food Poisoning (049)		Typhoid Fever (040)		Polio-my- elitis (080-0081)		H-Fever (H-788)		Varicella (087)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	2539	2360	8	15	17	0	69	34	28	13	47	90
1 - 4 yrs.	6855	5712	154	131	44	29	170	81	55	41	488	817
5 - 9 yrs.	2792	2081	100	54	40	12	6	39	165	97	763	631
10 - 14 yrs.	279	253	15	8	17	42	11	12	14	110	178	592
15 - 19 yrs.	0	26	15	8	23	23	11	6	3	11	47	364
20 - 24 yrs.	26	51	31	46	29	58	11	6	5	9	263	96
25 - 29 yrs.	14	12	38	8	29	11	-	-	-	-	47	90
30 - 34 yrs.	0	51	23	8	17	18	7	11	-	-	23	24
35 - 39 yrs.	0	0	31	31	17	18	-	-	-	-	47	90
40 - 44 yrs.	0	0	31	7	12	5	-	-	-	-	-	-
45 - 49 yrs.	0	0	15	17	12	0	-	-	-	-	-	-
50 - 54 yrs.	0	26	8	7	12	5	-	-	-	-	-	-
55 - 59 yrs.	0	0	0	0	0	6	-	-	-	-	-	-
60 - 64 yrs.	26	25	15	0	6	6	-	-	-	-	-	-
65 - 69 yrs.	20	2	8	0	-	-	-	-	-	-	-	-
70 - 74 yrs.	0	0	8	0	6	0	-	-	-	-	-	-
75 - 79 yrs.	0	0	0	0	-	-	-	-	-	-	-	-
80 - 84 yrs.	0	0	0	0	-	-	-	-	-	-	-	-
85 & Over	57	23	8	0	6	0	-	-	-	-	-	-
TOTAL	12608	10622	508	340	287	233	285	189	270	281	1909	2794

Republic of the Philippines
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DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES
TABLE 10-A - MORBIDITY: SELECTED NOTIFIABLE DISEASES BY WEEK, EXPECTED (QUANTILE) LIMITS
OF OCCURRENCE (1955-1959) AND 1960

WEEK	GASTRO-ENTERITIS*			INFLUENZA			VARICELLA			MEASLES			DIPHTHERIA		
	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960
1	2620	2421	5023	1445	1277	3203	87	74	114	209	180	366	25	20	52
2	3627	2958	4511	2187	1865	3150	150	135	123	264	205	449	41	29	38
3	3397	2967	4314	2353	2156	3308	159	138	165	297	231	430	40	38	43
4	3606	3978	4078	2062	1865	3238	214	178	132	366	276	437	47	36	33
5	3442	2627	4137	1723	1553	3045	210	132	88	309	291	420	42	32	52
6	3427	2818	3920	1748	1739	3255	333	128	140	353	315	437	49	41	29
7	3124	2558	3940	2013	1894	4131	310	210	218	371	335	414	55	51	43
8	3049	2633	3743	1984	1902	4376	324	224	210	360	341	560	47	41	35
9	2846	2265	3664	1922	1832	4253	339	161	172	418	314	507	54	46	33
10	2950	2510	2758	1817	1625	4498	333	227	191	338	314	716	42	36	37
11	2803	1987	3369	1818	1712	3886	314	232	124	337	350	545	51	40	31
12	2510	2399	3644	1612	1463	3710	243	201	194	359	281	634	58	52	42
13	2750	2179	3447	1685	1592	3133	290	280	120	292	288	545	71	54	75
14	2331	2079	3093	1563	1350	2870	274	173	119	262	246	541	47	30	49
15	2565	2111	2482	1672	1517	2083	254	169	158	308	294	493	34	28	42

* - Including Colitis, (except ulcerative).

PHILIPPINES

MORBIDITY: GASTRO-ENTERITIS: SEASONAL VARIATIONS -
LIMITS OF WEEKLY NUMBER OF CASES
1955 1959 & 1960

LEGEND:

- o - UPPER QUARTILE LIMIT
- b - LOWER QUARTILE LIMIT
- 1960

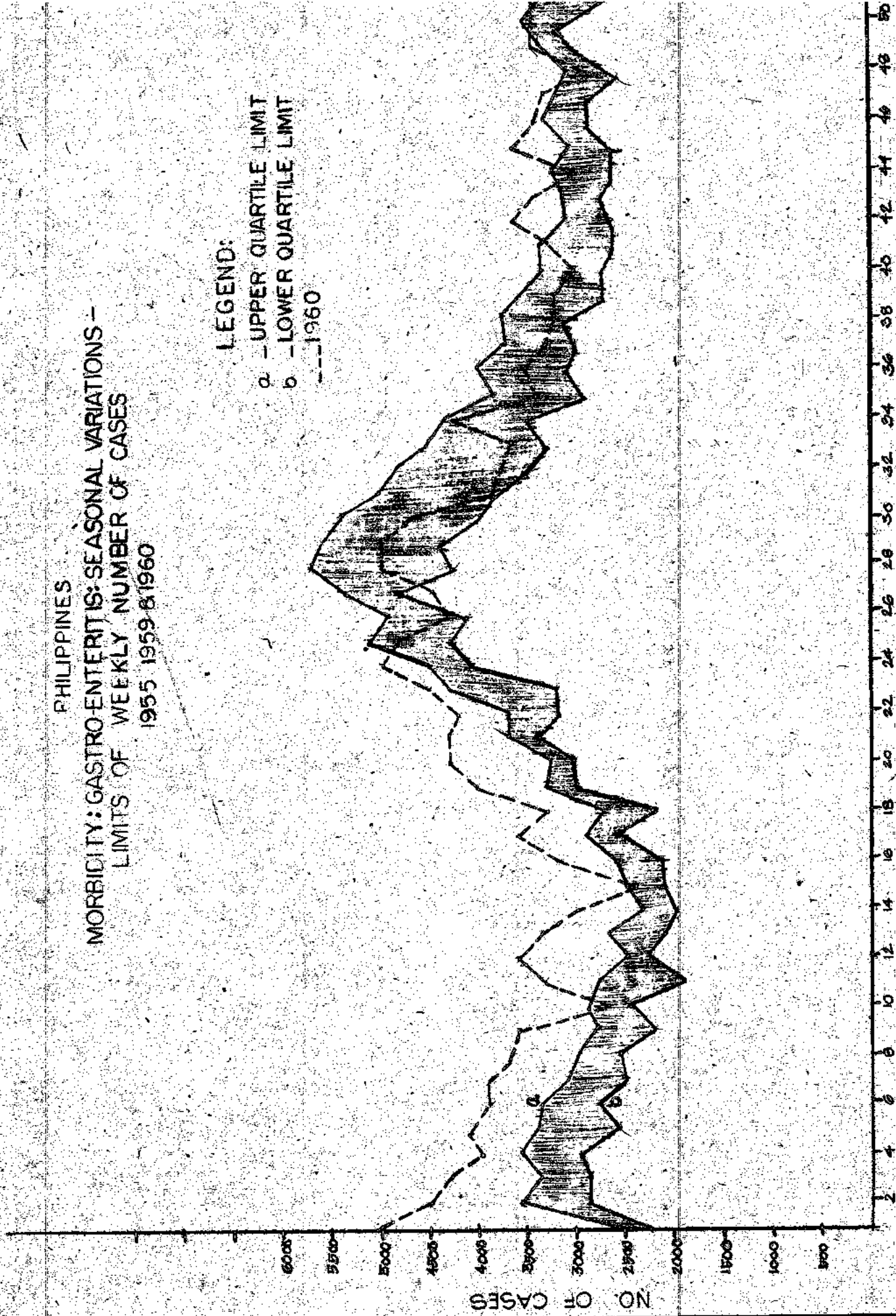
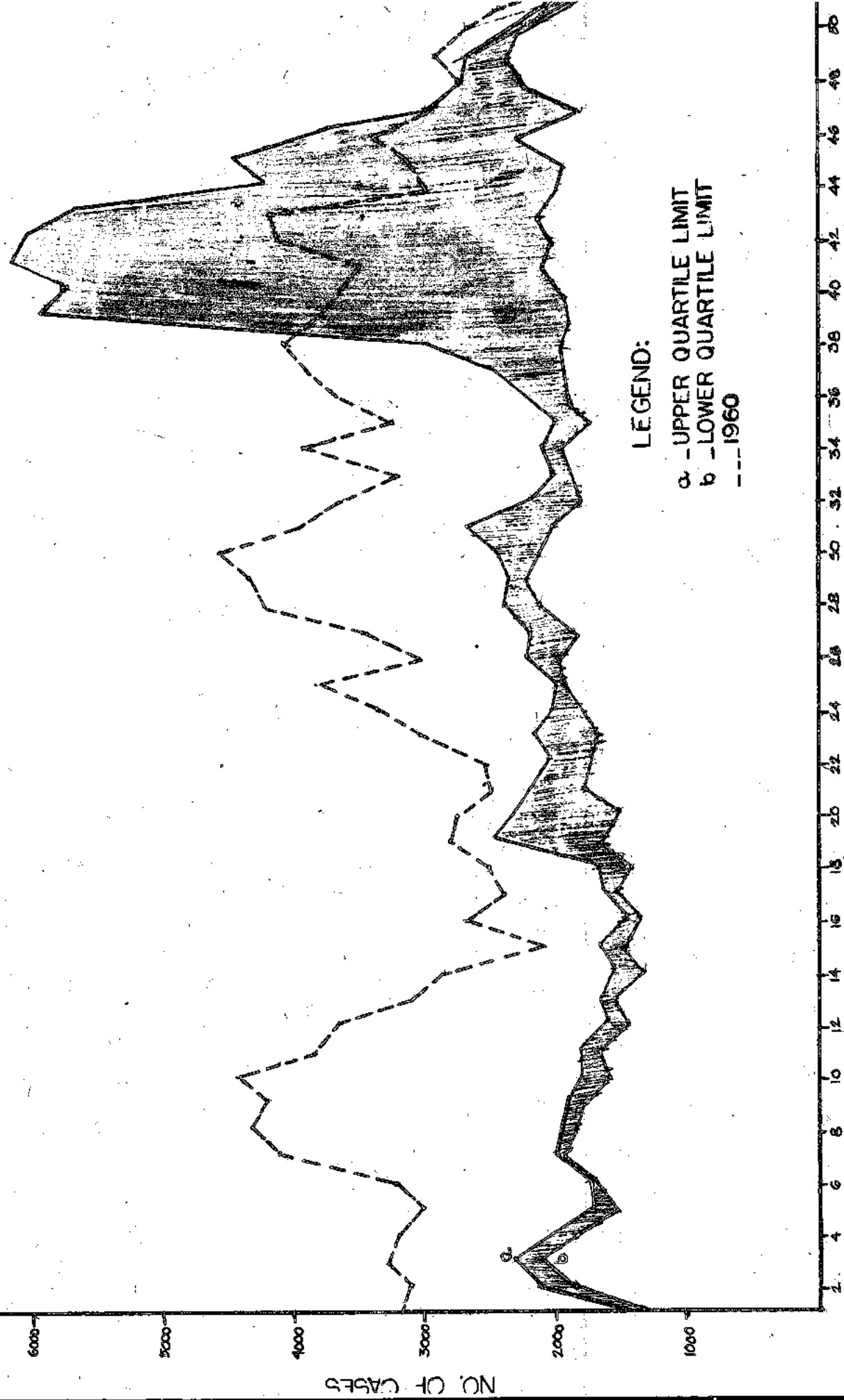


FIGURE 10-A

P H I L I P P I N E S
TABLE 10-A - MORBIDITY: SELECTED NOTIFIABLE DISEASES BY WEEK; EXPECTED (QUANTILE) LIMITS
OF OCCURRENCE (1955-1959) AND 1960

WEEK	G A S T R O - E N T E R I T I S			I N F L U E N Z A			V A R I C E L L A			M E A S L E S			D I P H T H E R I A		
	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960
16	2624	2158	3290	1446	1357	2730	213	163	135	291	265	502	39	35	56
17	2908	2601	3605	1664	1555	2415	222	177	132	322	271	496	44	34	29
18	2705	2244	3369	1710	1445	2538	198	123	114	242	220	519	42	28	37
19	3397	3092	4038	2520	1664	2818	218	135	178	293	261	463	49	39	49
20	3372	3023	4312	2342	1523	2783	199	146	84	210	195	500	34	28	71
21	3783	3451	4314	2580	1795	2503	150	109	92	257	240	434	47	32	45
22	3768	3249	4216	2085	1759	2538	106	66	68	184	180	356	41	28	37
23	4358	3241	4570	2189	1736	3045	95	75	60	190	175	398	37	30	54
24	4511	4158	5063	2050	1810	3378	60	53	64	188	165	353	29	23	40
25	5102	4320	4866	2033	1956	3886	84	71	60	193	179	344	32	25	35
26	4993	4199	4354	2251	1988	3045	70	61	35	178	161	309	33	32	37
27	5407	4324	4551	2219	1840	3500	53	40	50	166	144	342	26	19	42
28	5785	4272	5003	2409	2147	4236	52	45	57	171	160	390	39	25	42
29	5655	4396	5004	2390	2230	4376	58	46	63	204	187	377	37	24	42
30	5408	4073	4610	2459	2168	4638	40	29	40	234	208	350	40	27	24
31	5037	3835	3861	2681	2056	3991	56	51	33	228	198	274	48	38	38
32	4824	3575	3703	2234	1820	3710	65	48	47	280	249	335	35	29	31
33	4519	3301	3605	2036	1890	3203	58	53	44	277	256	384	32	30	38

PHILIPPINES
MORBIDITY: INFLUENZA: SEASONAL VARIATIONS -
LIMITS OF WEEKLY NUMBER OF CASES
1955-1959 & 1960

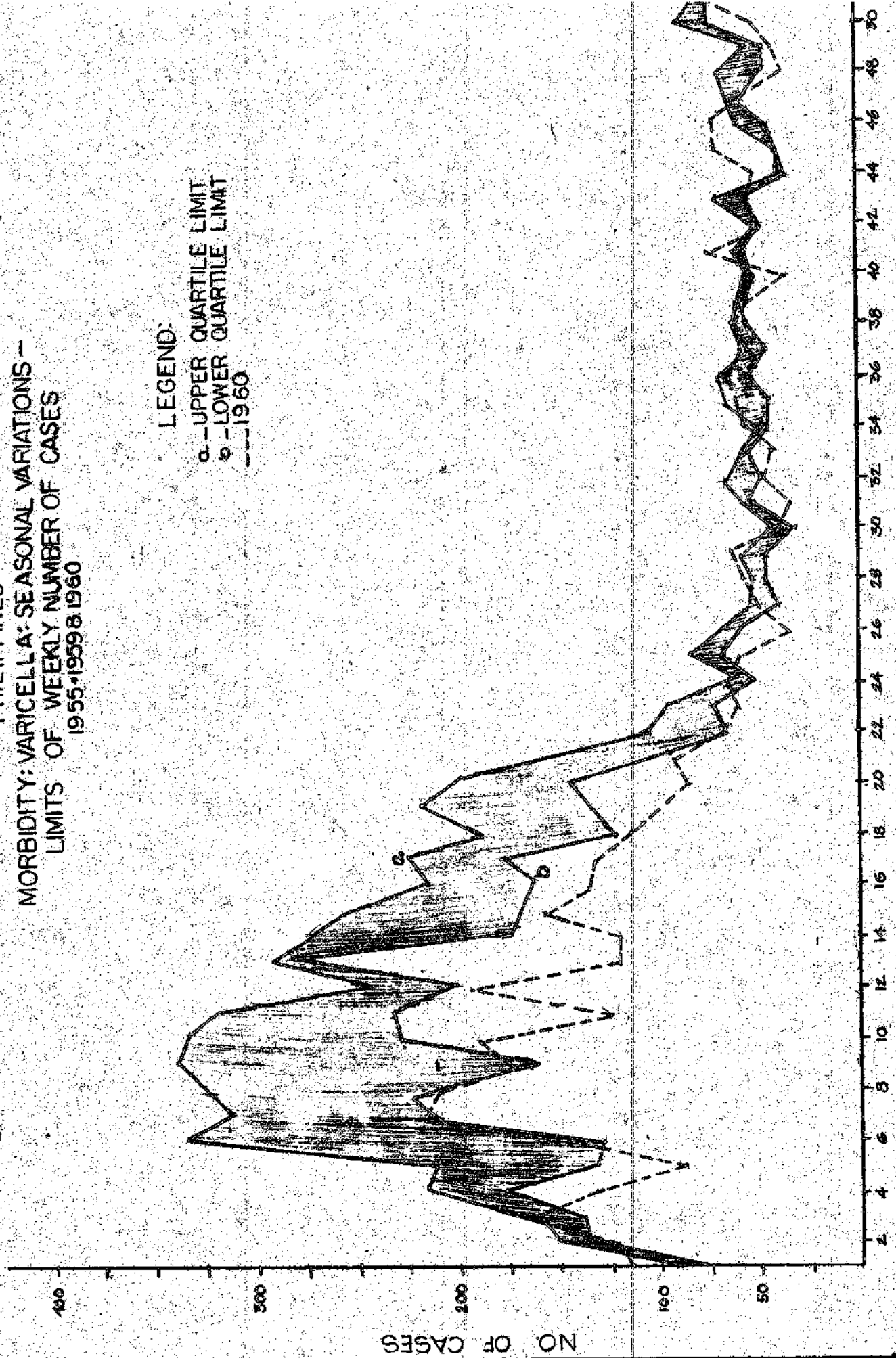


P H I L I P P I N E S
TABLE 10-A - MORBIDITY: SELECTED NOTIFIABLE DISEASES BY WEEK; EXPECTED (QUARTILE) LIMITS
OF OCCURRENCE (1955-1959) AND 1960

WEEK	G A S T R O - E N T E R I T I S			I N F L U E N Z A			V A R I C E L L A			M E A S L E S			D I P H T H E R I A		
	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960	Upper Limit	Lower Limit	1960
34	4383	3546	4255	2123	1978	3992	48	46	56	279	234	373	31	23	56
35	3856	2908	3467	2017	1751	3255	65	44	61	268	220	441	32	29	40
36	4004	3142	3526	2248	1927	3710	68	54	63	308	220	424	22	20	38
37	3758	3043	3388	2507	1937	3956	53	45	58	325	258	363	38	32	22
38	3796	3178	3270	2986	1963	4113	62	52	61	358	271	279	32	23	38
39	3595	2724	3250	5927	1907	3868	59	56	54	321	263	404	29	24	22
40	3302	2799	3093	5759	1932	3658	52	51	37	287	214	293	38	25	16
41	3355	2679	3211	6195	2083	3500	60	57	75	324	228	320	36	27	28
42	3195	2670	3644	6062	2010	4166	49	47	47	303	207	392	27	22	40
43	3184	2795	3467	5679	2130	4201	69	55	54	264	212	347	27	24	40
44	3220	2615	3093	4260	2000	3011	37	32	51	287	200	214	34	12	25
45	3086	2619	3605	4479	1938	3168	40	37	71	259	224	219	32	22	33
46	3391	2815	3408	3834	2331	3448	56	43	72	310	250	209	21	16	47
47	3313	2887	3349	2940	1825	2940	63	57	57	263	243	192	21	19	47
48	3044	2564	2955	2732	2269	2765	68	46	37	243	215	200	32	30	28
49	3300	2908	3428	2683	2380	2940	53	44	41	270	250	254	29	28	29
50	3590	3169	3408	2430	2299	2695	87	72	51	280	250	266	25	24	56
51	3301	2787	3487	2115	1938	2380	77	73	76	257	218	234	32	30	59
52	3532	2292	3231	1948	1579	1785	80	68	51	268	215	211	38	33	65

PHILIPPINES
 MORBIDITY: VARICELLA: SEASONAL VARIATIONS -
 LIMITS OF WEEKLY NUMBER OF CASES
 1955-1959 & 1960

LEGEND:
 O-- UPPER QUARTILE LIMIT
 o-- LOWER QUARTILE LIMIT
 --- 1960



PHILIPPINES
 MORBIDITY MEASLES: SEASONAL VARIATIONS
 LIMITS OF WEEKLY NUMBER OF CASES
 1955-1959 & 1960

LEGEND:
 a—UPPER QUARTILE LIMIT
 b—LOWER QUARTILE LIMIT
 ---1960

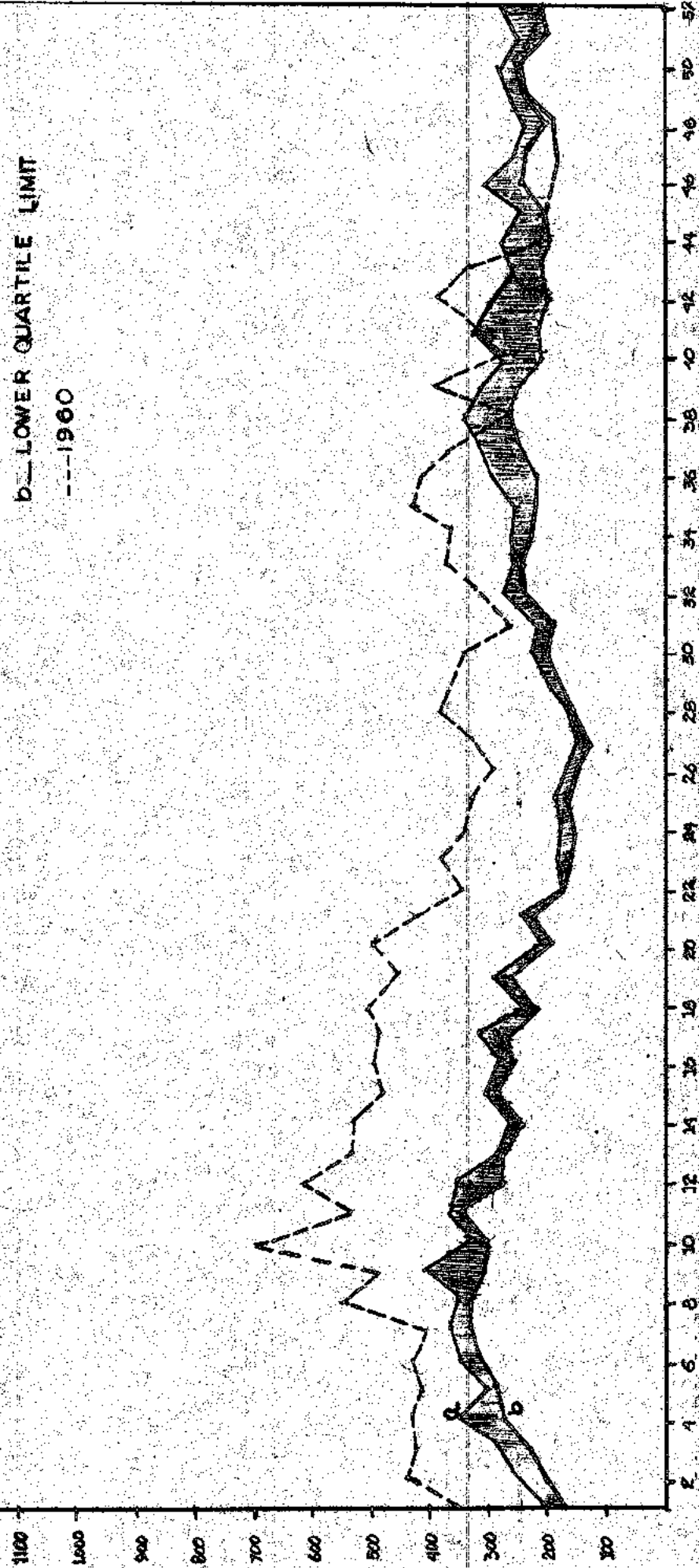
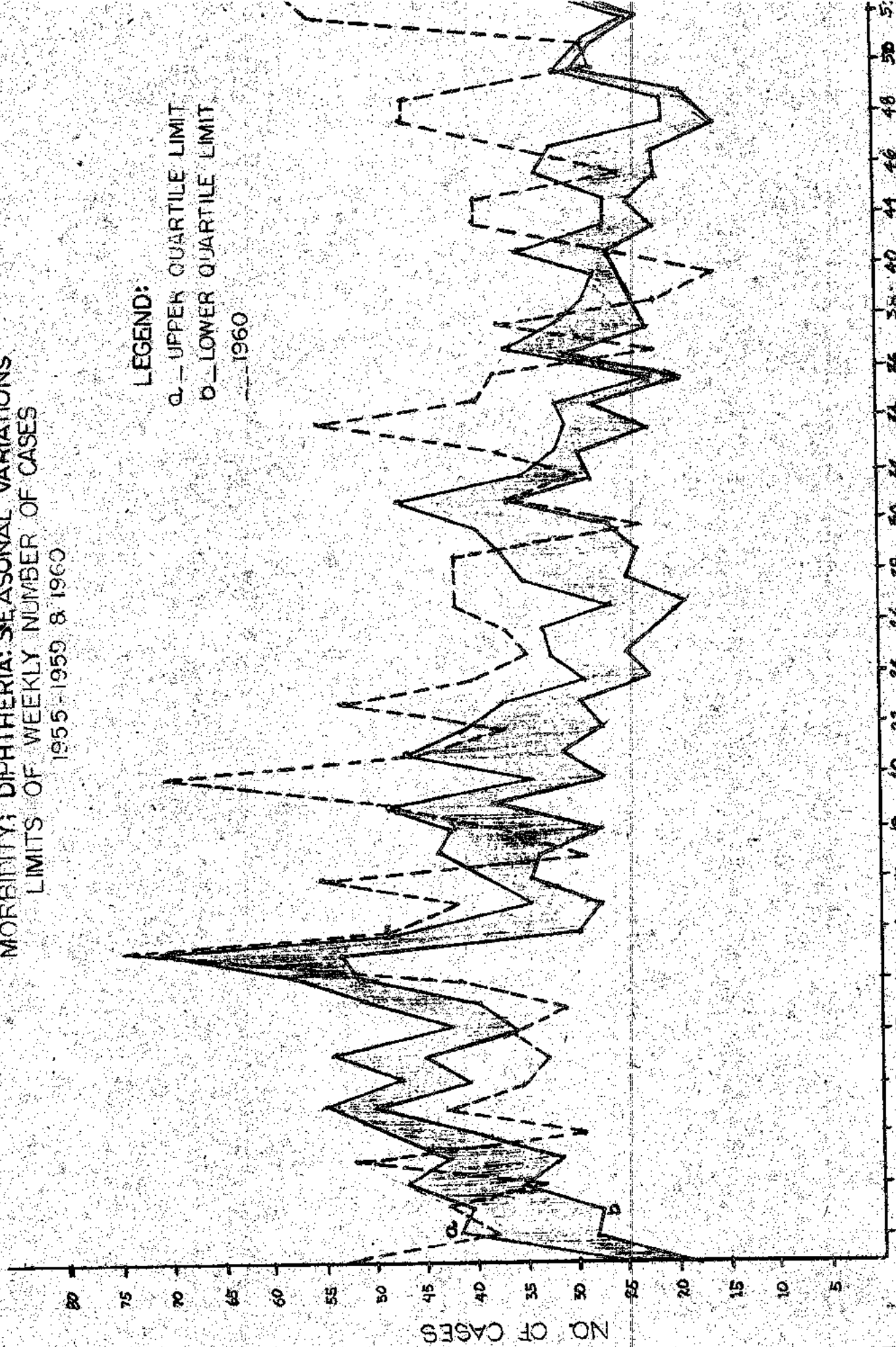


FIGURE 10-D

PHILIPPINES
MORBIDITY; DIPHThERIA: SEASONAL VARIATIONS
LIMITS OF WEEKLY NUMBER OF CASES
1955-1959 & 1960



Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	PNEUMONIAS (490-493; 763)				TUBERCULOSIS, RESPIRATORY (001 - 008)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES:	56549	210.7	27902	100.4	102162	267.7	24194	87.1
REGION I	8403	256.3	3376	103.0	11368	346.8	3118	95.1
A B R A	245	207.8	63	53.3	722	612.2	158	133.8
ILOCOS NORTE	335	115.3	251	86.4	619	213.1	219	75.4
ILOCOS SUR	709	206.9	289	84.4	1278	373.0	255	74.4
LA UNION	812	271.9	374	125.2	1384	463.4	326	109.1
MT. PROVINCE	709	181.6	191	48.9	1006	257.6	145	37.1
PANGASINAN	3255	303.0	1331	123.9	3001	279.3	1236	115.0
TARLAC	1100	254.4	539	124.6	1868	432.0	467	108.0
ZAMBALES	382	176.7	192	88.8	629	291.0	202	93.4
BAGUIO	764	1500.1	85	166.9	565	1109.3	21	41.2
DAGUPAN	92	144.0	61	95.5	295	461.8	89	139.3
REGION II	2728	260.0	1250	119.1	4255	405.5	963	91.8
BATANES	109	1042.3	18	172.1	166	1587.3	11	105.2
CAGAYAN	1205	267.2	705	156.3	1289	285.8	471	104.4
ISABELA	1181	263.6	411	91.7	2371	529.1	379	84.6
N. VIZCAYA	233	166.9	116	83.1	429	304.2	102	73.0
REGION III	18224	246.1	8292	112.0	27507	371.4	6845	92.4
BATAAN	315	213.3	164	111.1	1003	679.2	202	136.8
BATANGAS	713	114.8	514	82.8	2020	325.4	547	88.1
BULACAN	986	171.2	565	100.1	1479	262.1	518	91.8
CAVITE	519	163.5	305	96.1	865	272.6	277	87.3
LAGUNA	1071	263.6	395	97.2	1187	292.2	438	107.8
MARINDUQUE	240	206.4	166	142.8	816	701.9	219	188.4
MINDORO OCC.	88	103.1	40	46.9	434	508.6	61	71.5
MINDORO OR.	375	163.2	234	101.8	731	318.1	203	88.3
NUOVA ECIJA	1448	235.8	713	130.9	1712	314.3	376	69.0
PALAWAN	150	91.0	24	145.6	463	280.8	47	28.5
PAMPANGA	989	158.7	539	85.0	1107	177.6	488	78.3
QUEZON	1481	222.8	508	76.4	2775	417.5	663	99.7
RIZAL	1047	110.8	909	96.2	1656	175.2	738	80.2
CABANATUAN	182	255.5	137	192.3	129	181.1	51	71.6
CAVITE	319	574.4	73	131.4	447	804.9	41	73.8
LIPA	53	75.5	37	52.7	97	138.2	51	72.7

**TABLE 11 - MORBIDITY & MORTALITY; SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960**

P L A C E	PNEUMONIAS (490-493;763)				TUBERCULOSIS, RESPIRATORY (001 - 008)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
MANILA								
Residents	4598	561.6	1867		7845	766.9	988	
Transients	1913		504	187.3	1046		185	101.2
PASAY	461	344.7	125	93.5	582	435.1	78	58.3
QUEZON	1180	286.0	616	153.2	905	225.1	558	138.8
SAN PABLO	95	132.7	46	64.2	194	270.9	89	124.3
TAGAYTAY	1	13.9	0		11	153.1	4	55.7
TRECE MARTIRES	50	1148.1	20	459.2	3	68.9	3	168.9
REGION IV	4106	171.0	2463	102.6	346	389.2	2738	114.0
ALBAY	671	145.7	473	102.7	1434	311.3	559	121.4
CAM. NORTE	329	172.4	119	82.4	1375	720.6	260	136.3
CAM. SUR	1404	180.0	875	112.2	3714	476.1	966	123.8
CATANDUANES	542	341.9	218	137.5	737	465.0	201	126.8
MASBATE	472	138.5	226	66.3	600	176.1	194	56.9
SORSOGON	452	128.1	354	100.3	838	237.5	378	107.1
NAGA	136	241.2	99	175.6	505	395.6	109	193.3
LEGASPI	100	162.6	99	161.0	143	232.5	71	115.6
REGION V	5737	176.6	3087	95.0	14390	442.9	3754	115.5
AKLAN	191	83.3	141	61.5	1224	534.0	267	116.5
ANTIQUE	328	135.5	293	121.1	705	291.3	519	214.4
CAPIZ	227	84.5	227	84.5	1088	405.0	199	74.1
ILOILO	1808	219.2	713	86.4	6354	770.3	1086	131.7
NEGROS OCC.	1701	145.8	1155	99.0	3425	293.6	1019	87.4
ROMBLON	138	103.3	109	81.6	322	241.0	171	128.0
BACOLOD	635	526.6	130	107.8	576	477.6	199	165.0
ILOILO	525	343.6	205	134.2	511	334.5	204	133.5
ROXAS	76	152.2	54	108.1	32	64.1	23	46.1
SILAY	108	177.5	60	98.6	153	251.4	67	110.1
REGION VI	10329	222.3	6044	130.1	18940	407.7	4488	96.6
BOHOL	1563	256.4	1134	186.0	2671	438.1	706	115.8
CEBU	2012	183.9	1065	97.3	4108	375.5	805	73.6
LEYTE	2661	247.9	1179	109.8	5421	505.0	1396	130.0
NEGROS OR.	753	132.1	606	1106.3	1203	211.0	464	81.4
SAMAR	1810	225.3	1183	147.2	2291	285.1	552	68.7
CALBAYOG	195	247.6	128	162.5	378	480.0	61	77.5
CEBU	957	364.9	456	173.9	1938	337.0	271	103.3
DUMAGUETE	60	167.7	29	81.1	578	1615.9	36	100.6
ORMOC	141	221.2	140	219.6	130	204.0	124	184.5
TACLOBAN	177	328.3	124	228.6	222	409.2	73	134.6

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	PNEUMONIAS (490-493;783)				TUBERCULOSIS, RESPIRATORY (001 - 008)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
REGION VII	4031	165.0	1358	55.6	7552	309.1	938	38.4
LANAO DEL NORTE	287	128.7	165	74.0	947	424.7	89	39.9
LANAO DEL SUR	59	12.1			1154	236.2		
MISAMIS OCC.	318	153.7	307	148.4	377	182.3	223	107.8
SULU	84	25.4	50	15.1	452	136.6	64	19.3
ZAMB. DEL NORTE	504	177.6	316	111.4	1068	375.7	177	62.4
ZAMB. DEL SUR	586	126.5	206	44.5	1639	354.4	136	29.4
BASILAN	505	319.8	37	23.4	289	183.0	29	18.4
ILIGAN	83	136.5	4	6.6	129	212.2	59	97.0
MARAWI	172	350.7	59	120.3	452	921.7	9	18.4
OZAMIS	1030	2179.2	77	162.9	164	347.0	53	112.1
ZAMBOANGA	404	303.8	137	103.0	883	664.0	99	74.4
REGION VIII	4991	150.8	2032	61.4	8804	266.0	1350	40.8
AGUSAN	219	114.4	93	48.6	401	209.4	74	38.6
BUKIDNON	216	109.1	86	43.4	555	280.4	47	23.7
COTABATO	1811	160.5	269	23.8	2550	226.0	186	16.5
DAVAO	573	84.3	473	69.6	1460	214.9	239	35.2
MISAMIS OR.	1094	338.0	424	131.0	1160	358.4	237	73.2
SURIGAO	467	128.1	267	73.3	1607	441.0	320	87.8
BUTUAN	155	185.1	82	97.9	145	173.2	47	56.1
CAGAYAN DE ORO	90	130.7	90	130.7	90	130.7	47	68.3
COTABATO	22	58.3	22	58.3	55	145.6	21	55.6
DAVAO	344	146.6	226	96.3	781	332.9	132	56.3

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
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TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	T.B. OTHER FORMS (010 - 019)				GASTRO - ENTERITIS & COLITIS* (571-572; 764)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>PHILIPPINES</u>	<u>4001</u>	<u>14.4</u>	<u>1398</u>	<u>5.0</u>	<u>196992</u>	<u>709.0</u>	<u>16819</u>	<u>60.5</u>
<u>REGION I</u>	<u>132</u>	<u>4.0</u>	<u>99</u>	<u>3.0</u>	<u>34779</u>	<u>1060.9</u>	<u>1700</u>	<u>51.9</u>
ABRA	2	1.7	2	1.7	1821	842.0	44	37.3
ILOCOS NORTE	8	2.8	7	2.4	865	297.7	120	41.3
ILOCOS SUR	1	0.3	1	0.3	3201	934.3	139	40.6
LA UNION	14	4.7	10	3.3	2913	975.3	127	42.5
MT. PROVINCE	16	4.1	2	0.5	9581	2453.7	156	40.0
PANGASINAN	36	3.4	23	2.1	6365	592.4	555	51.7
TARLAC	32	7.4	32	7.4	6873	1589.3	296	68.4
ZAMBALES	7	3.2	7	3.2	1024	473.7	151	69.9
BAGUIO	5	9.8	4	7.9	1574	3090.5	25	49.1
DAGUPAN	11	17.2	11	17.2	562	879.7	87	136.2
<u>REGION II</u>	<u>83</u>	<u>7.9</u>	<u>46</u>	<u>4.4</u>	<u>9040</u>	<u>861.6</u>	<u>592</u>	<u>56.4</u>
BATANES	4	38.2			222	2122.8		
CAGAYAN	53	11.8	32	7.1	2452	543.7	238	52.8
ISABELA	16	3.6	10	2.2	5048	1126.5	285	63.6
NUEVA VIZCAYA	10	7.2	4	2.9	1318	943.8	69	49.4
<u>REGION III</u>	<u>1061</u>	<u>14.3</u>	<u>662</u>	<u>8.9</u>	<u>49674</u>	<u>670.7</u>	<u>4606</u>	<u>62.2</u>
BATAAN	23	15.6	20	13.5	2289	1550.2	186	126.0
BATANGAS	9	1.4	9	1.4	1826	294.1	139	22.4
BULACAN	42	7.4	34	6.0	2859	506.6	208	36.9
CAVITE	10	3.2	10	3.2	1912	602.5	216	68.1
LAGUNA	57	14.0	35	8.6	2730	672.0	122	30.0
MARINDUQUE	43	37.0	15	12.9	1526	1312.5	93	80.0
MINDORO OCC.	5	5.9	5	5.9	1770	2074.4	46	53.9
MINDORO OR.	6	2.6	6	2.6	1700	739.7	141	61.3
NUEVA ECI JA	13	2.4	13	2.4	453	83.2	80	14.7
PALAWAN	98	59.4	3	1.8	1013	614.5	39	23.7
PAMPANGA	51	8.2	51	8.2	4794	769.3	244	39.2
QUEZON	128	19.3	71	10.7	7472	1124.1	411	61.8
RIZAL	85	9.0	85	9.0	5027	531.9	760	80.4

* - Except Ulcerative Colitis

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	T.B. OTHER FORMS (010 - 019)				GASTRO - ENTERITIS & COLITIS* (571-572; 764)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CABANATUAN	4	5.6	4	5.6	384	539.0	59	82.8
CAVITE	23	41.4	6	10.8	730	1314.4	75	135.0
LIPA	6	8.6	3	4.3	191	272.2	28	39.9
MANILA (Residents)	246		139		6902		1047	
(Transients)	138	33.1	84	19.2	2696	827.8	270	113.6
PASAY	5	3.7	5	3.7	502	375.3	104	77.8
QUEZON	55	13.7	55	13.7	2682	667.0	269	66.9
SAN RAFAEL	12	16.8	7	9.8	193	269.5	48	67.0
TAGAYTAY	0	-	0	-	3	41.8	3	41.8
TRECE MARTIRES	2	45.9	2	45.9	20	459.2	18	413.3
<u>REGION IV</u>	<u>214</u>	<u>8.9</u>	<u>89</u>	<u>3.7</u>	<u>18224</u>	<u>758.8</u>	<u>1726</u>	<u>71.9</u>
ALBAY	34	7.4	20	4.3	3376	732.9	267	58.0
CAMARINES NORTE	31	16.2	26	13.6	2305	1208.0	149	78.1
CAMARINES SUR	25	3.2	14	1.8	4565	585.2	454	58.2
CATANDUANES	2	1.3	2	1.3	1678	1058.6	224	141.3
MASBATE	79	23.2	5	1.5	1253	367.7	273	80.1
SORSOGON	13	3.7	13	3.7	3237	917.3	231	65.5
NAGA	19	33.7	5	8.9	1240	2199.0	60	106.4
LEGASPI	11	17.9	4	6.5	570	926.9	68	110.6
<u>REGION V</u>	<u>585</u>	<u>18.0</u>	<u>151</u>	<u>4.6</u>	<u>14168</u>	<u>436.1</u>	<u>1438</u>	<u>44.3</u>
AKLAN	11	4.8	10	4.4	1635	713.3	66	28.8
ANTIQUE	20	8.3	15	6.2	908	375.2	147	60.7
CAPIZ	4	1.5	4	1.5	872	324.6	149	55.5
ILOILO	366	44.4	40	4.8	6213	753.2	208	25.2
NEGROS OCC.	119	10.2	39	3.3	2600	222.9	479	41.1
ROMBLON	18	13.5	7	5.2	523	391.5	85	3.7
BACOLOD	16	13.3	15	12.4	844	699.9	110	91.2
ILOILO	18	11.8	16	10.5	454	297.2	120	78.5
ROXAS	2	4.0			54	108.1	43	86.1
SILAY	11	18.1	5	8.2	65	106.8	31	50.9
<u>REGION VI</u>	<u>1004</u>	<u>21.6</u>	<u>219</u>	<u>4.7</u>	<u>32127</u>	<u>691.5</u>	<u>3388</u>	<u>72.9</u>
BOHOL	42	6.9	23	3.8	5720	938.2	376	61.7
CEBU	140	12.8	43	3.9	6549	598.6	871	79.6
LEYTE	407	37.9	27	2.5	5400	503.0	674	62.8
NEGROS OR.	52	9.1	7	1.2	495	86.8	225	39.5
SAMAR	203	25.3	45	5.6	11270	1402.6	744	92.6

* - Except Ulcerative Colitis

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	T.B. OTHER FORMS (010 - 019)				GASTRO - ENTERITIS & COLITIS* (571-572; 764)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CALBAYOG	41	52.1	1	1.3	332	421.6	54	68.6
CEBU	97	37.0	59	22.5	1260	457.5	282	107.5
DUMAGUETE	2	5.6	2	5.6	495	1383.9	33	92.3
ORMOC	2	3.1	2	3.1	203	318.5	24	37.7
TACLOBAN	18	33.2	10	18.4	463	853.5	105	193.6
<u>REGION VII</u>	<u>395</u>	<u>16.2</u>	<u>47</u>	<u>1.9</u>	<u>17924</u>	<u>733.5</u>	<u>1130</u>	<u>46.2</u>
LANAO DEL NORTE	1	0.4	1	0.4	1511	677.6	177	79.4
LANAO DEL SUR					1265	258.9		
MISAMIS OCC.	142	68.7	8	3.9	1848	893.5	198	95.7
SULU	3	0.9	3	0.9	889	268.6	41	12.4
ZAMB. DEL NORTE	33	11.6	7	2.5	2721	959.0	211	74.4
ZAMB. DEL SUR	167	36.1	11	2.4	3837	829.7	336	72.7
BASILAN	19	12.0	1	0.6	720	456.0	13	8.2
ILIGAN	18	29.6	4	6.6	200	328.9	13	21.4
MARAWI					233	475.1	59	120.3
OZAMIS	5	10.6	5	10.6	2038	4311.8	59	124.8
ZAMBOANGA	7	5.3	7	5.3	2662	2001.8	83	62.4
<u>REGION VIII</u>	<u>527</u>	<u>15.9</u>	<u>85</u>	<u>2.6</u>	<u>21056</u>	<u>636.1</u>	<u>2239</u>	<u>67.6</u>
AGUSAN	15	7.8	15	7.8	2425	1266.5	153	79.9
BUKIDNON	45	22.7	3	1.5	1049	529.9	108	54.6
COTABATO	129	11.4	21	1.9	6429	569.7	272	24.1
DAVAO	17	2.5	1	0.1	4129	607.7	373	54.9
MISAMIS OR.	58	17.9	6	1.9	4461	1378.4	500	154.5
SURIGAO	186	51.0	15	4.1	969	265.9	406	111.4
BUTUAN	6	7.2	5	6.0	619	739.2	155	185.1
CAGAYAN DE ORO	49	71.2	5	7.3	728	1057.6	114	165.6
COTABATO	11	29.1	3	7.9	100	264.8	19	50.3
DAVAO	11	4.7	11	4.7	147	62.7	139	59.3

* - Except Ulcerative Colitis

Republic of the Philippines
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PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES: BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	B E R I - B E R I				B R O N C H I T I S			
	(280)				(500-502)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>PHILIPPINES</u>	48410	174.2	15112	54.4	237794	855.9	15892	57.2
<u>REGION I</u>	6608	201.6	2405	73.4	37976	1158.5	1775	54.1
A B - R A	206	174.4	82	69.4	1627	1377.7	89	75.4
ILOCOS NORTE	99	34.1	81	27.9	2261	778.2	189	65.1
ILOCOS SUR	271	79.1	177	51.7	3087	901.0	248	72.4
LA UNION	74	24.8	50	16.7	4237	1418.6	248	83.0
MT. PROVINCE	171	43.8	36	9.2	7177	1838.0	188	48.1
PANGASINAN	2288	213.0	1512	140.7	11894	1107.1	640	59.6
TARLAC	3209	742.1	231	53.4	3852	890.7	103	23.8
ZAMBALES	161	74.5	132	61.1	1813	838.7	58	26.8
BAGUIO	3	5.9	-	-	1828	3589.2	-	-
DAGUPAN	126	197.2	104	162.8	200	313.1	12	18.8
<u>REGION II</u>	4343	413.9	1473	140.4	14750	1405.8	1316	125.4
BATANES	-	-	-	-	616	5890.2	-	-
CAGAYAN	1447	320.8	703	155.9	3512	778.7	687	152.3
ISABELA	2365	527.8	626	139.7	7003	1562.8	511	114.0
NUEVA VIZCAYA	531	380.3	144	103.1	3619	2591.6	118	48.5
<u>REGION III</u>	11855	160.1	2923	39.5	55597	750.7	1471	19.9
BATAAN	108	73.1	32	21.7	3656	2475.9	15	10.2
BATANGAS	1658	267.1	372	59.9	2137	344.2	271	43.7
BULACAN	441	78.1	336	59.5	2497	442.5	34	6.0
CAVITE	268	84.4	109	34.3	1231	387.9	106	33.4
LAGUNA	1148	282.6	150	36.9	6072	1494.7	41	10.1
MARINDUQUE	137	117.8	75	64.5	2255	1939.8	110	94.6
MINDORO OCC.	218	255.5	27	31.6	1035	1213.0	74	86.7
MINDORO OR.	523	227.6	282	122.7	1556	677.0	28	12.2
NUEVA ECIJA	1923	353.0	396	72.7	4870	894.0	215	39.5
PALAWAN	494	299.6	24	14.6	112	68.0	25	15.2
PAMPANGA	1322	212.1	213	34.2	4225	878.0	37	6.1
QUEZON	2478	372.8	434	65.3	8429	1268.0	267	40.2
RIZAL	731	77.3	240	25.4	6004	635.3	62	6.6
CABANATUAN	154	216.2	54	75.8	236	331.3	3	4.2

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION, 1960)

P L A C E	B E R I - B E R I				B R O N C H I T I S			
	(280)				(500-502)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CAVITE	445	81.0	33	59.4	943	1698.0	10	18.0
LIPA	74	105.5	67	95.5	209	297.9	50	71.3
MANILA								
Residents	5	0.4	4	0.3	2268		55	5.0
TRANSIENTS			-		919	274.9	3	
PASAY	7	5.2	4	3.0	1629	1217.9	13	9.7
QUEZON	11	2.7	11	2.7	4939	1228.3	17	4.2
SAN PABLO	88	122.9	38	53.1	367	512.5	27	37.7
TAGAYTAY	22	306.2	22	306.2	8	111.4	8	111.4
TRECE MARTIRES	-		-		-		-	
<u>REGION IV</u>	<u>1848</u>	<u>77.0</u>	<u>995</u>	<u>41.4</u>	<u>18655</u>	<u>776.8</u>	<u>2465</u>	<u>102.6</u>
ALBAY	247	53.6	200	43.4	2834	615.3	639	138.7
CAMARINES NORTE	71	37.2	55	28.8	2571	1347.4	145	76.0
CAMARINES SUR	759	97.3	419	53.7	6234	799.1	682	84.9
CATANDUANES	114	71.9	64	40.4	1640	1034.6	201	26.8
MASBATE	472	138.5	110	32.3	1046	307.4	184	54.0
SORSOGON	162	45.9	125	35.4	2164	613.3	509	144.2
NAGA	13	23.1	12	21.3	1859	3296.8	7	12.4
LEGASPI	10	16.3	10	16.3	307	499.2	118	191.9
<u>REGION V</u>	<u>3361</u>	<u>103.4</u>	<u>1420</u>	<u>43.7</u>	<u>22332</u>	<u>687.4</u>	<u>1984</u>	<u>61.1</u>
AKLAN	301	131.3	173	75.5	1656	722.5	160	69.8
ANTIQUE	95	39.3	73	30.2	1301	537.6	218	90.1
CAPIZ	399	148.5	307	114.3	1606	597.8	301	112.0
ILOILO	1487	180.3	402	48.7	9583	1161.7	572	69.3
NEGROS OCC.	745	63.9	290	24.9	5397	462.7	444	38.1
ROMBLON	121	90.6	65	48.7	569	425.9	136	101.8
BACOLOD	120	99.5	23	19.0	1812	1502.6	47	39.0
ILOILO	55	36.0	50	32.7	279	182.6	75	49.1
ROKAS	38	76.1	37	74.1	28	56.1	16	32.0
SILAY	-		-		101	166.0	15	24.7
<u>REGION VI</u>	<u>10734</u>	<u>231.0</u>	<u>3847</u>	<u>82.8</u>	<u>36903</u>	<u>794.3</u>	<u>4779</u>	<u>102.9</u>
BOHOL	978	160.4	556	91.2	5819	921.6	477	78.2
CEBU	1838	168.0	833	76.1	10788	986.0	1177	107.6
LEYTE	4857	452.5	1461	136.1	8328	775.8	1369	127.5
NEGROS ORIENTAL	490	85.9	246	43.1	687	120.5	282	49.5
SAMAR	1893	235.6	523	65.1	7745	963.9	953	118.6
CALBAYOG	104	132.1	27	34.3	299	379.7	95	120.6

P H I L I P P I N E S
TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION, 1960)

P L A C E	B E R I - B E R I				B R O N C H I T I S			
	(280)				(500-502)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CEBU	103	39.3	91	34.7	1778	677.9	144	54.9
DUMAGUETE	-	-	-	-	687	1920.7	8	22.4
ORMOC	3	4.7	3	4.7	107	167.9	107	167.9
TACLOBAN	468	862.7	107	197.2	868	1594.6	167	307.9
<u>REGION VII</u>	<u>4652</u>	<u>190.4</u>	<u>703</u>	<u>28.8</u>	<u>19470</u>	<u>796.8</u>	<u>840</u>	<u>34.4</u>
LANAO DEL NORTE	1024	459.2	110	49.3	2964	1329.1	146	65.5
LANAO DEL SUR	163	33.4			745	152.5		
MISAMIS OCC.	524	253.3	170	82.2	2802	1354.7	246	118.9
SULU	102	30.8	37	11.2	491	148.4	16	4.8
ZAMB. DEL NORTE	412	145.2	85	30.0	2894	1020.0	117	41.2
ZAMB. DEL SUR	1839	397.7	196	42.4	2258	488.3	204	44.1
BASILAN	64	40.5	15	9.5	1778	1126.0	18	11.4
ILIGAN	137	225.3	2	3.2	387	636.5	2	3.3
MARAWI	82	167.2	62	126.4	382	778.9	34	69.3
OZAMIS	270	571.2	9	19.0	1218	2576.9	33	69.8
ZAMBOANGA	35	26.3	17	12.8	3551	2670.3	24	18.0
<u>REGION VIII</u>	<u>5009</u>	<u>151.3</u>	<u>1346</u>	<u>40.7</u>	<u>32111</u>	<u>970.0</u>	<u>1262</u>	<u>38.1</u>
AGUSAN	528	275.8	102	53.3	1891	987.6	163	85.1
BUKIDNON	546	275.8	40	20.2	3989	2015.0	62	31.3
COTABATO	993	88.0	139	12.3	9490	841.0	96	8.5
DAVAO	745	109.7	229	33.7	5393	793.8	233	34.3
MISAMIS OR.	1259	389.0	209	64.6	5819	1798.0	254	78.5
SURIGAO	656	180.0	407	111.7	1244	341.3	248	68.0
BUTUAN	119	142.1	105	125.4	1198	1430.6	97	115.8
CAGAYAN DE ORO	69	100.2	44	63.9	1477	2145.6	40	58.1
COTABATO	10	26.5	3	7.9	908	2404.3	2	5.3
DAVAO	84	35.8	68	29.0	702	299.2	67	28.6

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	CANCER (140 - 205)				TETANUS (061)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	5402	19.4	4982	17.9	4161	15.0	2598	9.4
<u>REGION I</u>	<u>573</u>	<u>17.5</u>	<u>517</u>	<u>15.8</u>	<u>339</u>	<u>16.4</u>	<u>409</u>	<u>12.5</u>
ABRA	18	15.2	18	15.2	22	18.6	21	17.8
ILOCOS NORTE	72	24.8	71	24.4	87	29.8	87	29.9
ILOCOS SUR	74	21.6	73	21.3	33	9.6	5	1.5
LA UNION	68	22.8	63	21.1	53	17.7	41	13.7
MT. PROVINCE	37	9.5	19	4.9	10	2.6	10	2.6
PANGASINAN	138	12.8	128	11.9	219	20.4	141	13.1
TARLAC	98	22.7	79	18.3	84	19.4	81	18.7
ZAMBALES	24	11.1	23	10.6	6	2.8	5	2.3
BAGUIO	23	45.2	22	43.2	5	9.8		
DAGUPAN	21	32.9	21	32.9	20	31.3	18	28.2
<u>REGION II</u>	<u>129</u>	<u>12.3</u>	<u>111</u>	<u>10.6</u>	<u>127</u>	<u>12.1</u>	<u>122</u>	<u>11.6</u>
BATANES	2	19.1	1	9.6	1	9.6	1	9.6
CAGAYAN	45	10.0	38	8.4	34	7.5	32	7.1
ISABELA	61	13.6	57	12.7	76	17.0	73	16.3
NUEVA VIZCAYA	21	15.0	15	10.7	16	11.5	16	11.5
<u>REGION III</u>	<u>2591</u>	<u>35.0</u>	<u>2425</u>	<u>32.7</u>	<u>1282</u>	<u>17.3</u>	<u>410</u>	<u>5.5</u>
BATAAN	30	20.3	30	20.3	17	11.5	17	11.5
BATANGAS	166	26.7	166	26.7	29	4.7	29	4.7
BULACAN	190	33.7	189	33.5	14	2.5	13	2.3
CAVITE	109	34.3	107	33.7	19	6.0	19	6.0
LAGUNA	107	26.1	106	26.1	21	5.2	16	3.9
MARINDUQUE	28	24.1	28	24.1	8	6.9	6	5.2
MINDORO OCC.	10	11.7	10	11.7	4	4.7	2	2.3
MINDORO OR.	48	20.9	46	20.0	6	2.6	6	2.6
NUEVA ECIJA	92	16.9	80	14.7	71	13.0	59	10.8
PALAWAN	2	1.2	2	1.2	14	8.5	4	2.4
PAMPANGA	189	30.3	185	29.7	18	2.9	18	2.9
QUEZON	139	20.9	136	20.5	43	6.5	27	4.1
RIZAL	317	33.5	314	33.2	23	2.4	23	2.4
CABANATUAN	23	32.3	22	30.9	7	9.8	7	9.8
CAVITE	25	45.0	22	39.6	9	16.2	2	3.6
LIPA	27	38.5	27	38.5	17	24.2	12	17.1

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	C A N C E R (140 - 205)				T E T A N U S (061)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
MANILA								
(Residents)	467		436		324		57	
(Transients)	396	74.4	296	63.1	621	81.5	78	11.6
PASAY	43	32.1	43	32.1	6	4.5	6	4.5
QUEZON	172	42.8	170	42.3	4	1.0	4	1.0
SAN RAFAEL	9	12.6	9	12.6	7	9.8	5	7.0
TAGAYTAY	0	-	0	-	-	-	-	-
TRECE MARTIRES	2	45.9	1	23.0	-	-	-	-
<u>REGION IV</u>	<u>281</u>	<u>11.7</u>	<u>268</u>	<u>11.2</u>	<u>265</u>	<u>11.0</u>	<u>201</u>	<u>8.4</u>
ALBAY	63	13.7	63	13.7	31	6.7	31	6.7
CAMARINES NORTE	33	17.3	31	16.2	23	12.1	22	11.5
CAMARINES SUR	8	1.0	7	0.9	47	6.0	41	5.3
CATANDUANES	26	16.4	25	15.8	15	9.5	12	7.6
MASBATE	43	12.6	42	12.3	86	25.2	35	10.3
SORSOGON	89	25.2	83	23.5	40	11.3	40	11.3
NAGA	13	23.1	12	21.3	16	28.4	13	23.1
LEGASPI	6	9.8	5	8.1	7	11.4	7	11.4
<u>REGION V</u>	<u>579</u>	<u>17.8</u>	<u>472</u>	<u>14.5</u>	<u>634</u>	<u>19.5</u>	<u>502</u>	<u>15.5</u>
AKLAN	59	25.7	58	25.3	23	10.0	23	10.0
ANTIQUE	27	11.2	26	10.7	48	19.8	48	19.8
CAPIZ	34	12.7	33	12.3	42	15.6	36	13.4
ILOILO	181	21.9	97	11.8	225	27.3	147	17.8
NEGROS OCC.	98	8.4	91	7.8	156	13.4	135	11.6
ROMBLON	35	26.2	34	25.5	20	15.0	15	11.2
BACOLOD	47	39.0	47	39.0	39	32.3	33	27.4
ILOILO	66	43.2	66	43.2	45	29.5	44	28.8
ROXAS	11	22.0	10	20.0	9	18.0	9	18.0
SILAY	21	34.5	10	16.4	27	44.4	12	19.7
<u>REGION VI</u>	<u>876</u>	<u>18.9</u>	<u>850</u>	<u>18.3</u>	<u>629</u>	<u>13.5</u>	<u>541</u>	<u>11.6</u>
BOHOL	106	17.4	106	17.4	78	12.8	70	11.5
CEBU	230	21.0	221	20.2	210	64.3	165	15.1
LEYTE	120	11.2	119	11.1	108	10.1	100	9.3
NEGROS OR.	102	17.9	100	17.5	89	15.6	81	14.2
SAMAR	100	12.4	97	12.1	54	6.7	40	5.0

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	C A N C E R (140 - 205)				T E T A N U S (061)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CALBAYOG	10	12.7	2	2.5	6	7.6	3	3.8
CEEU	178	67.9	176	67.1	64	24.4	63	24.0
DUMAGUETE	9	25.2	9	25.2	8	22.4	8	22.4
ORMOC	9	14.1	9	14.1	4	6.3	4	6.3
TACLOBAN	12	22.1	11	20.3	8	14.7	7	12.9
<u>R E G I O N VII</u>	<u>153</u>	<u>6.3</u>	<u>126</u>	<u>5.2</u>	<u>213</u>	<u>8.7</u>	<u>161</u>	<u>6.6</u>
LANAO DEL NORTE	7	3.1	6	2.7	12	5.4	12	5.4
LANAO DEL SUR	0	-	0	-	-	-	-	-
MISAMIS OCC.	36	17.4	35	16.9	4	1.9	4	1.9
SULU	6	1.8	5	1.5	18	5.4	18	5.4
ZAM. DEL NORTE	37	13.0	34	12.0	21	7.4	20	7.0
ZAM. DEL SUR	16	3.5	15	3.2	100	21.6	55	11.9
BASTIAN	6	3.8	5	3.2	8	5.1	8	5.1
ILIGAN	0	-	0	-	12	19.7	8	13.2
MARAWI	9	18.4	8	16.3	5	10.2	3	6.1
OZAMIZ	2	4.2	2	4.2	6	12.7	6	12.7
ZAMBOANGA	34	25.6	16	12.0	27	20.3	27	20.3
<u>R E G I O N VIII</u>	<u>220</u>	<u>6.6</u>	<u>213</u>	<u>6.4</u>	<u>472</u>	<u>14.3</u>	<u>252</u>	<u>7.6</u>
AGUSAN	15	7.8	15	7.8	9	4.7	9	4.7
BUKIDNON	8	4.0	7	3.5	22	11.1	17	8.6
COTABATO	13	1.2	12	1.1	108	9.6	62	5.5
DAVAO	48	7.1	46	6.8	45	6.6	45	6.6
MISAMIS OR..	26	8.0	25	7.7	17	5.3	17	5.3
SURIGAO	23	6.3	22	6.0	38	10.4	38	10.4
BUTUAN	21	25.1	21	25.1	17	20.3	13	15.5
CAGAYAN DE ORO	15	21.8	15	21.8	139	201.9	6	8.7
COTABATO	2	5.3	2	5.3	9	23.8	9	23.8
DAVAO	49	20.9	48	20.5	68	29.0	36	15.3

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES: BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	INFLUENZA				MALARIA			
	(480 - 483)				(110 - 117)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	175023	630.0	1960	7.1	55252	198.9	1587	5.7
<u>REGION I</u>	<u>23038</u>	<u>702.8</u>	<u>220</u>	<u>6.7</u>	<u>4112</u>	<u>125.4</u>	<u>80</u>	<u>2.4</u>
A B R A	1592	1348.1	8	6.8	117	149.9	2	1.7
ILOCOS NORTE	1201	413.4	30	10.3	89	30.6	16	5.5
ILOCOS SUR	2123	619.7	33	9.6	169	49.3	3	0.9
LA UNION	3144	1052.6	27	9.0	58	19.4	-	-
MT. PROV.	4611	1180.9	16	4.1	2879	737.3	20	5.1
PANGASINAN	4811	447.8	68	8.2	276	25.7	25	2.3
TARLAC	3644	842.6	11	2.5	303	70.1	7	1.6
ZAMBALES	615	284.5	4	1.9	153	70.8	7	3.2
BAGUIO	1126	2210.8	-	-	1	2.0	-	-
DAGUPAN	171	267.	3	4.7	7	11.0	-	-
<u>REGION II</u>	<u>5481</u>	<u>522.4</u>	<u>17</u>	<u>1.6</u>	<u>15739</u>	<u>1500.1</u>	<u>722</u>	<u>68.8</u>
BATANES	221	2113.2	-	-	40	382.5	-	-
CAGAYAN	2078	460.7	5	1.1	4186	928.1	399	88.5
ISABELA	2419	539.8	11	2.5	7449	1662.3	274	61.1
N. VIZCAYA	763	546.4	1	0.7	7064	5058.6	49	35.1
<u>REGION III</u>	<u>58654</u>	<u>792.0</u>	<u>256</u>	<u>3.5</u>	<u>13395</u>	<u>180.9</u>	<u>230</u>	<u>3.1</u>
BATAAN	2714	1838.0	3	2.0	913	618.3	9	6.1
BATANGAS	2867	461.8	12	1.9	375	80.4	18	2.9
BULACAN	2438	432.0	7	1.2	174	30.8	8	1.4
CAVITE	1403	442.1	12	3.8	246	77.5	15	4.7
LAGUNA	4090	1006.8	4	1.0	270	66.5	8	2.0
MARINDUQUE	1759	1512.9	-	-	1480	1273.0	19	16.3
MINDORO OCC.	749	877.8	3	3.5	1288	1509.5	17	19.9
MINDORO OR.	1441	627.0	15	6.5	1009	439.0	27	11.7
NUEVA ECIJA	1154	211.8	12	2.2	467	85.7	5	0.9
PALAWAN	1288	781.3	19	11.5	2563	1554.6	23	14.0
PAMPANGA	4259	683.4	3	0.5	26	4.2	3	0.5
QUEZON	9495	1428.4	57	8.6	4285	644.6	57	8.6
RIZAL	4109	434.8	31	3.3	81	8.6	3	0.3
CABANATUAN	256	359.4	7	9.8	34	47.7	9	12.6
CAVITE	9495	17096.7	1	1.8	-	-	-	-
LIPA	212	302.1	4	5.7	-	-	-	-
MANILA								
Residents	5968		35		61		2	
Transients	1873	676.3	6	3.5	77	11.9	3	0.4
PASAY	554	414.2	4	3.0	-	-	-	-

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	I N F L U E N Z A				M A L A R I A			
	(480 - 483)				(110 - 117)			
	C a s e s	D e a t h s	C a s e s	D e a t h s	C a s e s	D e a t h s	C a s e s	D e a t h s
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
QUEZON	1540	383.0	7	1.7	10	2.5	1	0.2
SAN PABLO	990	1382.4	14	19.5	34	47.5	3	4.2
TAGAYTAY	-	-	-	-	2	27.8	-	-
TRECE MARTIRES	-	-	-	-	-	-	-	-
<u>REGION IV</u>	<u>10918</u>	<u>454.6</u>	<u>87</u>	<u>3.6</u>	<u>1058</u>	<u>44.1</u>	<u>25</u>	<u>1.0</u>
ALBAY	1271		19		2		-	
CAM. NORTE	2010	1053.4	3	1.6	871	456.5	11	5.8
CAM. SUR	2900	371.7	18	2.3	118	15.1	8	1.0
CATANDUANES	263	165.9	8	5.0	3	1.9	3	1.9
MASBATE	373	109.5	14	4.1	15	4.4	-	-
SORSOGON	1246	353.1	10	2.8	42	11.9	3	0.9
NAGA	2700	4788.3	9	16.0	6	10.6	-	-
LEGASPI	155	252.1	6	9.8	1	1.6	-	-
<u>REGION V</u>	<u>13379</u>	<u>411.8</u>	<u>223</u>	<u>6.9</u>	<u>759</u>	<u>23.4</u>	<u>21</u>	<u>0.6</u>
AKLAN	1151	502.1	5	2.2	14	6.1	-	-
ANTIQUE	538	222.3	18	7.4	37	15.3	1	0.4
CAPIZ	713	265.4	12	4.5	24	8.9	-	-
ILOILO	5864	710.9	25	3.0	73	8.8	-	-
NEGROS OCC.	3624	310.7	105	9.0	502	43.0	19	1.6
ROMBLON	213	159.4	7	5.2	109	81.6	1	0.7
BACOLOD	973	806.9	19	15.8	-	-	-	-
ILOILO	162	106.0	3	2.0	-	-	-	-
ROXAS	12	24.0	9	18.0	-	-	-	-
SILAY	129	212.0	20	32.9	-	-	-	-
<u>REGION VI</u>	<u>17104</u>	<u>368.2</u>	<u>832</u>	<u>17.9</u>	<u>1009</u>	<u>21.7</u>	<u>63</u>	<u>1.4</u>
BOHOL	4418	724.6	179	29.4	111	18.2	16	2.6
CEBU	2118	193.6	200	18.3	36	3.3	10	0.9
LEYTE	3306	308.0	279	26.0	31	2.9	14	1.3
NEGROS OR.	732	128.4	64	11.2	334	58.6	14	2.5
SAMAR	3994	497.1	74	9.2	474	59.0	8	1.0
CALBAYOG	243	308.6	-	-	3	3.8	-	-
CEBU	1233	470.1	29	11.1	5	1.9	-	-
DUMAGUETE	782	2186.3	-	-	11	30.8	-	-
ORMOC	56	87.9	1	1.6	1	1.6	-	-
TACLOBAN	222	409.2	6	11.1	3	5.5	1	1.8

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	INFLUENZA				MALARIA			
	(480 - 483)				(110 - 117)			
	C a s e s	D e a t h s	C a s e s	D e a t h s	C a s e s	D e a t h s	C a s e s	D e a t h s
	No. : Rate :	No. : Rate :	No. : Rate :	No. : Rate :	No. : Rate :	No. : Rate :	No. : Rate :	No. : Rate :
REGION VII	26133	1069.5	86	32.6	6686	273.6	92	3.8
LANAO DEL NTE.	1551	695.5	4	1.8	862	386.5	10	4.5
LANAO DEL SUR	3390	693.9	-	-	247	50.6	-	-
MISAMIS OCC.	1364	659.5	29	14.0	54	26.1	12	5.8
SULU	513	155.0	4	1.2	1701	514.0	15	4.5
ZAMB. DEL NTE.	1767	622.8	17	6.0	403	142.0	17	6.0
ZAMB. DEL SUR	2539	549.0	25	5.4	2436	526.7	19	4.1
BASILAN	1415	896.1	1	0.6	482	305.2	4	2.5
ILIGAN	1767	2906.2	3	4.9	163	268.1	10	16.4
MARAWI	594	1211.2	1	2.0	-	-	-	-
OZAMIS	8151	17245.0	-	-	3	6.3	-	-
ZAMBOANGA	3082	2317.7	2	2.3	335	251.9	5	3.8
REGION VIII	20316	613.7	239	7.2	12494	387.4	354	10.7
AGUSAN	1390	725.9	13	6.8	1500	783.4	43	22.5
BUKIDNON	1879	949.2	2	1.0	1943	981.5	34	17.2
COTABATO	6690	592.8	28	2.5	5429	481.1	64	5.7
DAVAO	3269	481.2	40	5.9	1071	157.6	66	9.7
MISAMIS OR.	4210	1300.9	35	10.8	637	196.8	49	15.1
SURIGAO	859	235.7	96	26.3	1112	305.1	32	8.8
BUTUAN	280	334.4	9	10.7	419	500.3	26	31.0
CAGAYAN DE ORO	340	493.9	7	10.1	25	36.3	7	10.1
COTABATO	697	1845.6	-	-	54	143.0	6	15.9
DAVAO	702	299.2	9	3.8	304	129.6	27	11.5

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
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PHILIPPINES

TABLE 11 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES
BY REGION, PROVINCE AND CITY; NUMBER AND RATE (PER
100,000 POPULATION); 1960.

P L A C E	M E A S L E S				D I P H T H E R I A			
	(085)				(055)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	20255	72.9	1018	3.7	2110	7.6	508	1.8
<u>REGION I</u>	<u>3095</u>	<u>94.4</u>	<u>73</u>	<u>2.2</u>	<u>52</u>	<u>1.6</u>	<u>36</u>	<u>1.1</u>
A B R A	54	45.7	0	-	0	-	0	-
ILOCOS NTE.	53	18.2	0	-	2	0.7	2	0.7
ILOCOS SUR	164	47.9	0	-	1	0.3	1	0.3
LA UNION	238	79.7	0	-	3	1.0	0	-
MT. PROVINCE	1272	325.8	24	6.1	5	1.3	3	0.8
PANGASINAN	334	31.0	24	2.2	11	1.0	8	0.7
TARLAC	335	77.5	7	1.6	12	2.8	11	2.5
ZAMBALES	119	55.1	6	2.8	3	1.4	2	0.9
BAGUIO	500	981.7	3	5.9	6	11.8	1	2.0
DAGUPAN	26	40.7	9	14.1	9	14.1	8	12.5
<u>REGION II</u>	<u>771</u>	<u>73.5</u>	<u>29</u>	<u>2.8</u>	<u>17</u>	<u>1.6</u>	<u>12</u>	<u>1.1</u>
BATANES	2	19.1	0	-	0	-	0	-
CAGAYAN	207	45.9	4	0.9	10	2.2	6	1.3
ISABELA	479	106.9	25	5.6	4	0.9	3	0.7
N. VIZCAYA	83	59.4	0	-	3	2.1	3	2.1
<u>REGION III</u>	<u>6706</u>	<u>90.6</u>	<u>377</u>	<u>5.1</u>	<u>1828</u>	<u>24.7</u>	<u>322</u>	<u>4.3</u>
BATAAN	257	174.0	1	0.7	3	2.0	3	2.0
BATANGAS	158	25.4	1	0.2	6	1.0	6	1.0
BULACAN	195	34.6	1	0.2	12	2.1	7	1.2
CAVITE	34	10.7	9	2.8	2	0.6	1	0.3
LAGUNA	345	84.9	7	1.7	25	6.2	5	1.2
MARINDUQUE	45	38.7	0	-	13	11.2	2	1.7
MINDORO OCC.	100	117.1	0	-	3	3.5	2	2.3
MINDORO OR.	111	48.3	8	3.5	9	3.9	2	0.9
NUEVA ECIJA	194	35.6	5	0.9	18	3.3	9	1.7
PALAWAN	180	109.2	3	1.8	2	1.2	2	1.2
PAMPANGA	392	62.9	14	2.2	14	2.2	2	0.3
QUEZON	458	68.9	25	3.8	26	3.9	21	3.2
RIZAL	349	36.9	101	10.7	19	2.0	3	0.3
CABANATUAN	10	14.0	3	4.2	16	22.5	16	22.5

PHILIPPINES

TABLE 11 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES
BY REGION, PROVINCE AND CITY; NUMBER AND RATE (PER
100,000 POPULATION); 1960.

P L A C E	M E A S L E S				D I P H T H E R I A			
	(085)				(055)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CAVITE	191	343.9	0	-	12	21.6	1	1.8
LIPA	5	7.1	0	-	1	1.4	1	1.4
MANILA								
Residents	1913	245.9	163	15.9	670	139.3	75	20.4
Transients	938		21		945		162	
PASAY	90	67.3	5	3.7	16	12.0	0	-
QUEZON	572	142.2	8	2.0	11	2.7	1	0.2
SAN PABLO	169	236.0	2	2.8	5	7.0	1	1.4
TAGAYTAY	0	-	0	-	0	-	0	-
TRECEMARTIRES	0	-	0	-	No Report		0	-
<u>REGION IV</u>	<u>527</u>	<u>21.9</u>	<u>12</u>	<u>0.5</u>	<u>38</u>	<u>1.6</u>	<u>25</u>	<u>1.0</u>
ALBAY	137	29.7	0	-	4	0.9	4	0.9
CAM. NORTE	47	24.6	1	0.5	7	3.7	7	3.7
CAM. SUR	107	13.7	0	-	3	0.4	2	0.3
CATANDUANES	79	49.8	4	2.5	0	-	0	-
MASBATE	37	10.9	1	0.3	4	1.2	4	1.2
SORSOGON	46	13.0	6	1.7	5	1.4	2	0.6
NAGA	63	111.7	0	-	12	21.3	3	5.3
LEGASPI	11	17.9	0	-	3	4.9	3	4.9
<u>REGION V</u>	<u>1742</u>	<u>53.6</u>	<u>191</u>	<u>5.9</u>	<u>68</u>	<u>2.1</u>	<u>54</u>	<u>1.7</u>
AKLAN	52	22.7	3	1.3	3	1.3	3	1.3
ANTIQUÉ	87	35.9	20	8.3	2	0.8	1	0.4
CAPIZ	58	21.6	8	3.0	2	0.7	2	0.7
ILOILO	440	53.3	14	1.7	8	1.0	6	0.7
NEGROS OCC.	396	33.9	79	6.8	16	1.4	15	1.3
ROMBLON	50	37.4	3	2.2	0	-	0	-
BACOLOD	461	382.3	33	27.4	21	17.4	18	14.9
ILOILO	97	63.5	0	-	13	8.5	7	4.6
ROXAS	18	36.0	0	12.0	3	6.0	2	4.0
SILAY	63	136.4	25	41.1	0	-	0	-
<u>REGION VI</u>	<u>2047</u>	<u>44.1</u>	<u>176</u>	<u>3.8</u>	<u>36</u>	<u>0.8</u>	<u>21</u>	<u>0.5</u>
BOHOL	485	79.3	30	4.9	7	1.1	5	0.8
CEBU	183	16.7	33	3.0	0	-	0	-
LEYTE	566	52.7	52	4.8	5	0.5	5	0.5
NEGROS OR.	242	42.4	36	6.3	5	0.9	1	0.2
SAMAR	310	38.6	7	0.9	5	0.6	4	0.5
CALBAYOG	33	41.9	1	1.3	0	-	0	-

PHILIPPINES
TABLE 11 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES
BY REGION, PROVINCE AND CITY; NUMBER AND RATE (PER
100,000 POPULATION); 1960.

P L A C E	M E A S L E S				D I P H T H E R I A			
	(085)				(055)			
	C a s e s :		D e a t h s :		C a s e s :		D e a t h s :	
	No. :	Rate :	No. :	Rate :	No. :	Rate :	No. :	Rate :
C E B U	156 :	59.5 :	0 :	- :	3 :	1.1 :	1 :	0.4 :
DUMAGUETE	11 :	80.8 :	9 :	25.2 :	5 :	14.0 :	3 :	8.4 :
ORMOC	3 :	44.7 :	0 :	- :	1 :	1.6 :	1 :	1.6 :
TACLOBAN	58 :	106.9 :	8 :	14.7 :	5 :	9.2 :	1 :	1.8 :
<u>REGION VII</u>	<u>3210 :</u>	<u>131.4 :</u>	<u>69 :</u>	<u>2.8 :</u>	<u>10 :</u>	<u>0.4 :</u>	<u>6 :</u>	<u>0.2 :</u>
LANAO DEL NTE.	107 :	48.0 :	1 :	0.4 :	3 :	1.3 :	0 :	- :
LANAO DEL SUR	978 :	200.2 :	0 :	- :	0 :	- :	0 :	- :
MISAMIS OCC.	369 :	178.4 :	20 :	9.7 :	3 :	1.5 :	3 :	1.5 :
SULU	96 :	29.0 :	2 :	0.6 :	0 :	- :	0 :	- :
ZAMB.DEL NTE.	100 :	56.4 :	7 :	2.5 :	0 :	- :	0 :	- :
ZAMB. DEL SUR	13 :	2.8 :	29 :	6.3 :	0 :	- :	0 :	- :
BASILAN	206 :	130.5 :	0 :	- :	1 :	0.6 :	1 :	0.6 :
ILIGAN	109 :	179.3 :	1 :	1.6 :	1 :	1.6 :	1 :	1.6 :
MARAWI	0 :	- :	0 :	- :	1 :	2.0 :	0 :	- :
OZAMIS	777 :	1643.9 :	3 :	6.3 :	0 :	- :	0 :	- :
ZAMBOANGA	395 :	297.0 :	6 :	4.5 :	1 :	0.8 :	1 :	0.8 :
<u>REGION VIII</u>	<u>2157 :</u>	<u>65.2 :</u>	<u>89 :</u>	<u>2.7 :</u>	<u>61 :</u>	<u>1.8 :</u>	<u>32 :</u>	<u>1.0 :</u>
AGUSAN	171 :	89.3 :	17 :	8.9 :	1 :	0.5 :	1 :	0.5 :
BUKIDNON	369 :	186.4 :	1 :	0.5 :	2 :	1.0 :	1 :	0.5 :
COTABATO	553 :	49.0 :	13 :	1.2 :	9 :	0.8 :	2 :	0.2 :
DAVAO	222 :	32.7 :	15 :	2.2 :	4 :	0.6 :	4 :	0.6 :
MISAMIS OR.	569 :	175.8 :	11 :	3.4 :	2 :	0.6 :	2 :	0.6 :
SURIGAO	163 :	44.7 :	9 :	2.5 :	2 :	0.5 :	1 :	0.3 :
BUTUAN	16 :	19.1 :	15 :	17.9 :	5 :	6.0 :	1 :	1.2 :
CAG. DE ORO	12 :	17.4 :	0 :	- :	6 :	8.7 :	6 :	8.7 :
COTABATO	5 :	13.2 :	2 :	5.3 :	2 :	5.3 :	2 :	5.3 :
DAVAO	77 :	32.8 :	6 :	2.6 :	28 :	11.9 :	12 :	5.1 :

P H I L I P P I N E S

TABLE II - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	D Y S E N T E R Y (045-048)				S C H I S T O S O M I A S I S (123)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	13894	50.0	383	1.4	2231	8.0	331	1.2
<u>REGION I</u>	<u>881</u>	<u>26.9</u>	<u>30</u>	<u>0.9</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
ABRA	5	4.2	0	-	0	-	0	-
ILOCOS NORTE	3	1.0	0	-	0	-	0	-
ILOCOS SUR	0	-	0	-	0	-	0	-
LA UNION	0	-	0	-	0	-	0	-
MT. PROVINCE	719	184.1	16	4.1	0	-	0	-
PANGASINAN	71	6.6	8	0.7	0	-	0	-
TARLAC	5	1.2	1	0.2	0	-	0	-
ZAMBALES	32	14.8	1	0.5	0	-	0	-
BAGUIO	37	72.6	1	2.0	0	-	0	-
DAGUPAN	9	14.1	3	4.7	0	-	0	-
<u>REGION II</u>	<u>170</u>	<u>16.2</u>	<u>4</u>	<u>0.4</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
BATANES	0	-	0	-	0	-	0	-
CAGAYAN	136	30.2	4	0.9	0	-	0	-
ISABELA	0	-	0	-	0	-	0	-
NUEVA VIZCAYA	34	24.3	0	-	0	-	0	-
<u>REGION III</u>	<u>1761</u>	<u>23.8</u>	<u>134</u>	<u>1.8</u>	<u>245</u>	<u>3.3</u>	<u>37</u>	<u>0.5</u>
BATAAN	5	3.4	2	1.4	0	-	0	-
BATANGAS	9	1.4	2	0.3	0	-	0	-
BULACAN	83	14.7	8	1.4	0	-	0	-
CAVITE	40	12.6	2	0.6	0	-	0	-
LAGUNA	10	2.5	5	1.2	0	-	0	-
MARINDUQUE	228	196.1	1	0.9	0	-	0	-
MINDORO OCC.	77	90.2	3	3.5	1	1.2	1	1.2
MINDORO OR.	124	54.0	14	6.1	85	37.0	15	6.5
NUEVA ECIJA	11	2.0	5	0.9	0	-	0	-
PALAWAN	38	23.0	13	7.9	0	-	0	-
PAMPANGA	196	31.5	10	1.6	0	-	0	-
QUEZON	215	32.3	9	1.4	0	-	0	-
RIZAL	97	10.3	30	3.2	0	-	0	-
CABANATUAN	1	1.4	1	1.4	0	-	0	-
CAVITE	56	100.8	1	1.8	0	-	0	-
LIPA	1	1.4	0	-	0	-	0	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	D Y S E N T E R Y (045-048)				S C H I S T O S O M I A S I S (123)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
MANILA								
(Residents)	254	43.4	12	2.1	67	13.6	6	1.7
(Transients)	249		12		91		14	
PASAY	1	0.7	1	0.7	0	-	0	-
QUEZON	45	11.2	3	0.7	1	0.2	1	0.2
SAN PABLO	21	29.3	0	-	0	-	0	-
TAGAYTAY	0	-	0	-	0	-	0	-
TRECE MARTIRES	0	-	0	-	0	-	0	-
<u> R E G I O N I V</u>	<u>556</u>	<u>23.2</u>	<u>34</u>	<u>1.4</u>	<u>14</u>	<u>0.6</u>	<u>8</u>	<u>0.3</u>
ALBAY	12	2.6	2	0.4	0	-	0	-
CAMARINES NORTE	82	45.0	4	2.1	0	-	0	-
CAMARINES SUR	187	24.0	11	1.4	0	-	0	-
CATANDUANES	0	-	0	-	0	-	0	-
MASBATE	80	23.5	7	2.1	0	-	0	-
SORSOGON	52	14.7	8	2.3	14	4.0	8	2.3
NAGA	140	248.3	1	1.8	0	-	0	-
LEGASPI	3	4.9	1	1.6	0	-	0	-
<u> R E G I O N V</u>	<u>1835</u>	<u>56.5</u>	<u>91</u>	<u>2.8</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>
AKLAN	107	46.7	4	1.7	0	-	0	-
ANTIQUE	101	41.7	4	1.7	0	-	0	-
CAPIZ	225	83.8	7	2.6	0	-	0	-
ILOILO	638	77.3	10	1.2	0	-	0	-
NEGROS OCC.	267	22.9	21	1.8	0	-	0	-
ROMELON	95	71.1	5	3.7	0	-	0	-
BACOLOD	337	279.5	12	10.0	0	-	0	-
ILOILO	17	11.1	9	5.9	0	-	0	-
ROXAS	23	46.1	13	26.0	0	-	0	-
SILAY	25	41.1	6	9.9	0	-	0	-
<u> R E G I O N V I</u>	<u>4173</u>	<u>89.8</u>	<u>56</u>	<u>1.2</u>	<u>1140</u>	<u>24.5</u>	<u>217</u>	<u>4.7</u>
BOHOL	309	50.7	0	-	4	0.7	1	0.2
CEBU	61	5.8	1	0.1	0	-	0	-
LEYTE	417	38.8	19	1.8	864	80.5	142	13.2
NEGROS OR.	141	24.7	4	0.7	0	-	0	-
SAMAR	2713	337.6	23	2.9	244	30.4	56	7.0

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	D Y S E N T E R Y (045-048)				S C H I S T O S O M I A S I S (123)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
CALBAYOG	28	35.6	0	-	6	7.6	2	2.5
CEBU	67	25.5	1	0.4	0	-	0	-
DUMAGUETE	141	394.2	1	2.8	0	-	0	-
ORMOC	13	20.4	6	9.4	0	-	0	-
TACLOBAN	283	521.7	1	1.8	22	40.6	16	29.5
<u>R E G I O N V I I</u>	<u>908</u>	<u>37.2</u>	<u>17</u>	<u>0.7</u>	<u>545</u>	<u>22.3</u>	<u>45</u>	<u>1.8</u>
LANAO DEL NORTE	40	17.9	0	-	200	89.7	14	6.3
LANAO DEL SUR	433	88.6	0	-	9	1.8	0	-
MISAMIS OCC.	24	11.6	6	2.9	39	18.9	3	1.5
SULU	169	51.1	2	0.6	0	-	0	-
ZAM. DEL NORTE	32	11.3	0	-	2	0.7	2	0.7
ZAM. DEL SUR	13	2.8	2	0.4	291	62.9	22	4.8
BASILAN	127	80.4	2	1.3	0	-	0	-
ILIGAN	47	77.3	0	-	0	-	0	-
MARAWI	18	36.7	3	6.1	0	-	0	-
OZAMIZ	2	4.2	1	2.1	4	8.5	4	8.5
ZAMBOANGA	3	2.3	1	0.8	0	-	0	-
<u>R E G I O N V I I I</u>	<u>3610</u>	<u>109.1</u>	<u>17</u>	<u>0.5</u>	<u>287</u>	<u>8.6</u>	<u>24</u>	<u>0.7</u>
AGUSAN	164	85.7	1	0.5	46	24.0	4	2.1
BUKIDNON	296	149.5	0	-	23	11.6	1	0.5
COTABATO	2009	178.0	2	0.2	21	1.9	0	-
DAVAO	150	22.1	0	-	149	21.9	1	0.1
MISAMIS OR.	171	52.8	0	-	0	-	0	-
SURIGAO	156	43.1	8	2.5	27	7.7	7	2.2
BUTUAN	45	53.7	0	-	20	23.9	10	11.9
CAGAYAN DE ORO	98	142.4	2	2.9	0	-	0	-
COTABATO	44	116.5	0	-	-	-	-	-
DAVAO	477	203.3	4	1.7	1	0.4	1	0.4

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES. BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION); 1960

P L A C E	R A B I E S (094)				W H O O P I N G - C O U G H (056)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>PHILIPPINES</u>	<u>265</u>	<u>1.0</u>	<u>265</u>	<u>1.0</u>	<u>23230</u>	<u>83.6</u>	<u>235</u>	<u>0.8</u>
<u>REGION I</u>	<u>25</u>	<u>0.8</u>	<u>25</u>	<u>0.8</u>	<u>3268</u>	<u>99.7</u>	<u>16</u>	<u>0.5</u>
A B R A	-	-	-	-	262	221.9	0	-
ILOCOS NORTE	6	2.1	6	2.1	199	68.5	0	-
ILOCOS SUR	2	0.6	2	0.6	331	96.6	0	-
LA UNION	3	1.0	3	1.0	479	160.4	0	-
MT. PROVINCE	0	-	0	-	682	174.7	10	2.6
PANGASINAN	12	1.1	12	1.1	949	88.3	5	0.5
TARLAC	-	-	-	-	240	55.5	1	0.2
ZAMBALES	1	0.5	1	0.5	36	16.7	0	-
BAGUIO	1	2.0	1	2.0	42	82.5	0	0
DAGUPAN	-	-	-	-	48	75.1	0	0
<u>REGION II</u>	<u>17</u>	<u>1.6</u>	<u>17</u>	<u>1.6</u>	<u>496</u>	<u>47.3</u>	<u>2</u>	<u>0.2</u>
BATANES	-	-	-	-	2	19.1	0	-
CAGAYAN	11	2.4	11	2.4	174	38.6	2	0.4
ISABELA	6	1.3	6	1.3	210	46.9	0	-
NUEVA VIZCAYA	-	-	-	-	110	78.8	0	-
<u>REGION III</u>	<u>64</u>	<u>0.9</u>	<u>64</u>	<u>0.9</u>	<u>5236</u>	<u>70.7</u>	<u>27</u>	<u>0.4</u>
BATAAN	1	0.8	1	0.8	95	64.3	0	0
BATANGAS	6	1.0	6	1.0	177	28.5	2	0.3
BULACAN	5	0.9	5	0.9	447	79.2	4	0.7
CAVITE	1	0.3	1	0.3	120	37.8	0	-
LAGUNA	3	0.7	3	0.7	421	103.6	1	0.2
MARINDUQUE	1	0.9	1	0.9	397	341.5	0	-
MINDORO OCCIDENTAL	-	-	-	-	465	545.0	2	2.3
MINDORO ORIENTAL	4	1.7	4	1.7	202	87.9	1	0.4
NUEVA ECIJA	7	1.3	7	1.3	65	12.9	0	-
PALAWAN	-	-	-	-	69	41.9	2	1.2
PAMPANGA	3	0.5	3	0.5	394	63.2	0	-
QUEZON	5	0.8	5	0.8	748	112.6	6	0.9
RIZAL	3	0.3	3	0.3	366	38.7	4	0.4
CABANATUAN	-	-	-	-	0	-	0	-
CAVITE	-	-	-	-	206	370.9	0	-
LIPA	1	1.4	1	1.4	0	-	0	-
MANILA	-	-	-	-	-	-	-	-
Residents	5	2.1	5	2.1	248	26.5	3	0.4
Transients	19	-	19	-	59	-	2	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION); 1960

P L A C E	R A B I E S (094)				W H O O P I N G - C O U G H (056)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PASAY	-	-	-	-	45	33.6	0	-
QUEZON	-	-	-	-	627	155.9	0	-
SAN PABLO	-	-	-	-	82	114.5	0	-
TAGAYTAY	-	-	-	-	3	41.8	0	-
TRECE MARTIRES	-	-	-	-	-	-	0	-
<u>REGION IV</u>	<u>28</u>	<u>1.2</u>	<u>28</u>	<u>1.2</u>	<u>1301</u>	<u>54.2</u>	<u>7</u>	<u>0.3</u>
ALBAY	8	1.7	8	1.7	210	45.6	2	0.4
CAMARINES NORTE	2	1.0	2	1.0	56	29.3	1	0.5
CAMARINES SUR	1	0.1	1	0.1	332	42.6	0	-
CATANDUANES	-	-	-	-	148	93.4	0	-
MASBATE	9	2.6	9	2.6	162	47.5	2	0.6
SORSOGON	6	1.7	6	1.7	135	38.3	2	0.6
NAGA	2	3.5	2	3.5	249	441.6	0	-
LEGASPI	-	-	-	-	9	14.6	0	-
<u>REGION V</u>	<u>38</u>	<u>4.2</u>	<u>38</u>	<u>4.2</u>	<u>3707</u>	<u>114.1</u>	<u>21</u>	<u>0.6</u>
AKLAN	2	0.9	2	0.9	53	23.1	2	0.9
ANTIQUE	2	0.8	2	0.8	341	140.9	0	-
CAPIZ	4	1.5	4	1.5	65	24.2	2	0.7
ILOILO	3	0.4	3	0.4	2511	304.4	2	0.2
NEGROS OCCIDENTAL	18	1.5	18	1.5	650	55.7	12	1.0
ROMBLON	2	1.5	2	1.5	59	44.2	0	-
BACOLOD	3	2.5	3	2.5	4	3.3	0	-
ILOILO	1	0.7	1	0.7	1	0.7	1	0.7
ROXAS	3	6.0	3	6.0	1	2.0	1	2.0
SILAY	-	-	-	-	22	36.2	1	1.6
<u>REGION VI</u>	<u>48</u>	<u>1.0</u>	<u>48</u>	<u>1.0</u>	<u>3197</u>	<u>68.8</u>	<u>122</u>	<u>2.6</u>
BOHOL	5	0.8	5	0.8	236	38.7	41	6.7
CEBU	11	1.0	11	1.0	766	70.0	16	1.5
LEYTE	8	0.7	8	0.7	702	65.4	22	2.0
NEGROS ORIENTAL	7	1.2	7	1.2	238	41.7	34	6.0
SAMAR	5	0.6	5	0.6	957	119.1	7	0.9
CALBAYOG	4	5.1	4	5.1	77	97.8	1	1.3
CEBU	4	1.5	4	1.5	106	40.4	0	-
DUMAGUETE	1	2.8	1	2.8	88	246.0	1	2.8
ORMOC	1	1.6	1	1.6	0	-	0	-
TACLOBAN	2	3.7	2	3.7	27	50.0	0	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION); 1960

P L A C E	R A B I E S (094)				W H O O P I N G - C O U G H (056)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
<u>REGION VII</u>	<u>15</u>	<u>0.6</u>	<u>15</u>	<u>0.6</u>	<u>2068</u>	<u>84.6</u>	<u>18</u>	<u>0.8</u>
LANAO DEL NORTE	5	2.2	5	2.2	116	52.0	1	0.4
LANAO DEL SUR	-	-	-	-	162	21.3	0	-
MISAMIS OCCIDENTAL	2	1.0	2	1.0	161	77.8	6	2.9
SULU	-	-	-	-	0	-	0	-
ZAMBOANGA DEL NORTE	2	0.7	2	0.7	582	205.1	3	1.1
ZAMBOANGA DEL SUR	4	0.9	4	0.9	268	58.0	3	0.6
BASILAN	-	-	-	-	203	128.6	1	0.6
ILIGAN	-	-	-	-	112	184.2	0	-
MARAWI	-	-	-	-	1	2.0	1	2.0
OZAMITZ	1	2.1	1	2.1	129	272.9	0	-
ZAMBOANGA	1	0.8	1	0.8	392	294.8	3	2.3
<u>REGION VIII</u>	<u>30</u>	<u>0.9</u>	<u>30</u>	<u>0.9</u>	<u>3957</u>	<u>119.5</u>	<u>22</u>	<u>0.7</u>
AGUSAN	2	1.0	2	1.0	213	111.2	4	2.1
BUKIDNON	4	2.0	4	2.0	569	287.4	0	-
COTABATO	8	0.7	8	0.7	823	72.9	2	0.2
DAVAO	5	0.7	5	0.7	410	60.3	2	0.3
MISAMIS ORIENTAL	2	0.6	2	0.6	1973	331.6	2	0.6
SURIGAO	3	0.8	3	0.8	609	167.1	11	3.0
BUTUAN	1	1.2	1	1.2	49	58.5	0	-
CAGAYAN DE ORO	2	2.9	2	2.9	184	267.3	0	-
COTABATO	1	2.6	1	2.6	8	21.2	0	-
DAVAO	2	0.9	2	0.9	19	8.1	1	0.4

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY - SELECTED NOTIFIABLE DISEASES: BY REGION
PROVINCE & CITY: NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	FOOD POISONING (049)				TYPHOID FEVER (040)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	848	3.1	110	0.4	520	1.9	90	0.3
REGION I	85	2.6	12	0.4	16	0.5	10	0.3
A B R A	12	10.2	0	-	0	-	0	-
ILOCOS NORTE	1	0.3	0	-	4	1.4	0	-
ILOCOS SUR	2	0.6	1	0.3	0	-	0	-
LA UNION	7	2.3	4	1.3	1	0.3	1	0.3
MT. PROVINCE	0	-	0	-	2	0.5	0	-
PANGASINAN	41	3.8	3	0.3	4	0.4	4	0.4
TARLAC	12	2.8	1	0.2	3	0.7	3	0.7
ZAMBALES	2	0.9	2	0.9	0	-	0	-
BAGUIO	7	13.7	0	-	0	-	0	-
DAGUPAN	1	1.6	1	1.6	2	3.1	2	3.1
REGION II	8	0.8	4	0.4	5	0.5	0	-
BATANES	3	28.7	0	-	0	-	0	-
CAGAYAN	1	0.2	1	0.2	5	1.1	0	-
ISABELA	3	0.7	3	0.7	0	-	0	-
NUEVA VIZCAYA	1	0.7	0	-	0	-	0	-
REGION III	423	5.7	17	0.2	362	4.9	27	0.4
BATAAN	1	0.7	1	0.7	0	-	0	-
BATANGAS	1	0.2	1	0.2	0	-	0	-
BULACAN	2	0.4	0	-	3	0.5	3	0.5
CAVITE	1	0.3	1	0.3	3	0.9	3	0.9
LAGUNA	3	0.7	3	0.7	1	0.2	0	-
MARINDUQUE	0	-	0	-	1	0.9	1	0.9
MINDORO OCC.	7	8.2	1	1.2	1	1.2	0	-
MINDORO OR.	2	0.9	2	0.9	0	-	0	-
NUEVA ECIJA	5	0.9	0	-	0	-	0	-
PALAWAN	0	-	0	-	1	0.6	1	0.6
PAMPANGA	3	0.5	3	0.5	0	-	0	-
QUEZON	0	-	0	-	3	0.5	2	0.3
RIZAL	2	0.2	2	0.2	3	0.3	1	0.1
CABANATUAN	0	-	0	-	0	-	0	-
CAVITE	0	-	0	-	0	-	0	-
LIPA	1	1.4	0	-	5	7.1	1	1.4
MANILA								
Residents	218		1		194		12	
Transients	164	32.9	1	0.1	145	29.2	3	1.0

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES: BY REGION
PROVINCE & CITY: NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	FOOD POISONING (049)				TYPHOID FEVER (040)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PASAY	7	5.2	0	-	0	-	0	-
QUEZON	1	0.2	1	0.2	2	0.5	0	-
SAN PABLO	5	7.0	0	-	0	-	0	-
TAGAYTAY	0	-	0	-	0	-	0	-
TRECE MARTIRES	0	-	0	-	0	-	0	-
REGION IV	13	0.5	5	0.2	25	1.0	11	0.5
ALBAY	6	1.3	1	0.2	1	0.2	1	0.2
CAMARINES NORTE	0	-	0	-	3	1.6	1	0.5
CAMARINES SUR	5	0.6	3	0.4	2	0.3	1	0.1
CATANDUANES	0	-	0	-	0	-	0	-
MASBATE	1	0.3	1	0.3	14	4.1	3	0.9
SORSOGON	1	0.3	0	-	3	0.9	3	0.9
NAGA	0	-	0	-	2	3.5	2	3.5
LEGASPI	0	-	0	-	0	-	0	-
REGION V	34	1.0	22	0.7	4	0.1	3	0.1
AKLAN	0	-	0	-	0	-	0	-
ANTIQUE	12	5.0	3	1.2	0	-	0	-
CAPIZ	0	-	0	-	0	-	0	-
ILOILO	13	1.6	11	1.3	2	0.2	2	0.2
NEGROS OCC.	6	0.5	6	0.5	1	0.1	0	-
ROMBLON	0	-	0	-	0	-	0	-
BACOLOD	1	0.8	1	0.8	1	0.8	1	0.8
ILOILO	2	1.3	1	0.7	0	-	0	-
BOJAS	0	-	0	-	0	-	0	-
SILAY	0	-	0	-	0	-	0	-
REGION VI	193	4.2	14	0.3	37	0.8	28	0.6
BONOL	1	0.2	1	0.2	1	0.2	1	0.2
CEBU	7	0.6	2	0.2	1	0.1	1	0.1
LEYTE	23	2.1	8	0.7	22	2.0	18	1.7
NEGROS OR.	3	0.5	0	-	1	0.2	0	-
SAMAR	155	19.3	9	0.4	6	0.7	4	0.5
CALBAYOG	0	-	0	-	3	3.8	3	3.8
CEBU	1	0.4	0	-	2	0.8	0	-
DUMAGUETE	3	8.4	0	-	1	2.8	1	2.8
ORMOC	0	-	0	-	0	-	0	-
TACLOBAN	0	-	0	-	0	-	0	-

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES: BY REGION
PROVINCE & CITY: NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	F O O D P O I S O N I N G (049)				T Y P H O I D F E V E R (040)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
REGION VII	30	1.2	5	0.2	56	2.3	3	0.1
LANAO DEL N	1	3.1	1	3.1	0	-	0	-
LANAO DEL S	1	0.2	0	-	0	-	0	-
MISAMIS OCC	1	0.5	1	0.5	0	-	0	-
SULU	0	-	0	-	0	-	0	-
ZAM. DEL N	2	0.7	2	0.7	1	0.4	0	-
ZAM. DEL S	1	0.2	1	0.2	0	-	0	-
BASILAN	4	2.5	0	-	52	32.9	2	1.3
ILIGAN	20	32.9	0	-	0	-	0	-
MARAWI	0	-	0	-	0	-	0	-
OZAMIZ	0	-	0	-	2	4.2	1	2.1
ZAMBOANGA	0	-	0	-	1	0.8	0	-
REGION VIII	62	1.9	31	0.9	15	0.5	8	0.2
AGUSAN	5	2.6	1	0.5	0	-	0	-
BUKIDNON	1	0.5	1	0.5	3	1.5	0	-
COTABATO	18	1.6	14	1.2	1	0.1	1	0.1
DAVAO	28	4.1	6	0.9	0	-	0	-
MISAMIS OR	3	0.9	3	0.9	0	-	0	-
SURIGAO	4	1.1	4	1.1	5	1.4	3	0.8
BUTUAN	1	1.2	0	-	1	1.2	1	1.2
CAGAYAN DE ORO	0	-	0	-	3	4.4	3	4.4
COTABATO	0	-	0	-	0	-	0	-
DAVAO	2	0.9	2	0.9	2	0.9	0	-

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	POLIOMYELITIS (080-081)				H-FEVER (788)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	474	1.7	83	0.3	551	2.0	40	0.1
<u>REGION I</u>	<u>11</u>	<u>0.3</u>	<u>3</u>	<u>0.1</u>	<u>186</u>	<u>5.7</u>	<u>8</u>	<u>0.2</u>
ABRA	0	-	0	-	0	-	0	-
ILOCOS NORTE	0	-	0	-	3	1.0	0	-
ILOCOS SUR	0	-	0	-	0	-	0	-
LA UNION	2	0.7	2	0.7	0	-	0	-
MT. PROVINCE	4	1.0	0	-	0	-	0	-
PANGASINAN	2	0.2	1	0.1	166	15.5	5	0.5
TARLAC	0	-	0	-	14	3.2	0	-
ZAMBALES	0	-	0	-	0	-	0	-
BAGUIO	3	5.9	0	-	0	-	0	-
DAGUPAN	0	-	0	-	3	4.7	3	4.7
<u>REGION II</u>	<u>0</u>	<u>-</u>	<u>0</u>	<u>-</u>	<u>1</u>	<u>0.1</u>	<u>0</u>	<u>-</u>
BATANES	0	-	0	-	0	-	0	-
CAGAYAN	0	-	0	-	1	0.2	0	-
ISABELA	0	-	0	-	0	-	0	-
NUEVA VIZCAYA	0	-	0	-	0	-	0	-
<u>REGION III</u>	<u>423</u>	<u>5.7</u>	<u>56</u>	<u>0.8</u>	<u>319</u>	<u>4.3</u>	<u>31</u>	<u>0.4</u>
BATAAN	0	-	0	-	0	-	0	-
BATANGAS	5	0.8	4	0.6	5	0.8	4	0.6
BULACAN	1	0.2	1	0.2	14	2.5	6	1.1
CAVITE	1	0.3	1	0.3	4	1.3	3	0.9
LAGUNA	3	0.7	2	0.5	1	0.2	1	0.2
MARINDUQUE	1	0.9	0	-	1	0.9	0	-
MINDORO OCC	0	-	0	-	0	-	0	-
MINDORO OR	1	0.4	1	0.4	0	-	0	-
NUEVA ECIJA	1	0.2	1	0.2	3	0.6	0	-
PALAWAN	0	-	0	-	4	2.4	3	1.8
PAMPANGA	0	-	0	-	3	0.5	0	-
QUEZON	4	0.6	3	0.5	1	0.2	1	0.2
RIZAL	0	-	0	-	5	0.5	3	0.3
CABANATUAN	0	-	0	-	1	1.4	1	1.4
CAVITE	4	7.2	0	-	3	5.4	0	-
LIPA	0	-	0	-	8	11.4	4	5.7
MANILA								
(Residents)	175		12		105		0	
(Transients)	220	34.1	29	3.5	154	22.3	0	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	P O L I O M Y E L I T I S (080-081)				H - F E V E R (788)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PASAY	1	0.7	1	0.7	6	4.5	4	3.0
QUEZON	2	0.5	1	0.2	1	0.2	1	0.2
SAN PABLO	4	5.6	0	-	0	-	0	-
TAGAYTAY	0	-	0	-	0	-	0	-
TRECE MARTIRES	0	-	0	-	0	-	0	-
<u>R E G I O N I V</u>	<u>8</u>	<u>0.3</u>	<u>3</u>	<u>0.1</u>	<u>4</u>	<u>0.2</u>	<u>1</u>	<u>0.04</u>
ALBAY	2	0.4	1	0.2	0	-	0	-
CAMARINES NORTE	1	0.5	0	-	2	1.0	0	-
CAMARINES SUR	0	-	0	-	0	-	0	-
CATANDUANES	0	-	0	-	1	0.6	1	0.6
MASBATE	0	-	0	-	0	-	0	-
SORSOGON	2	0.6	2	0.6	0	-	0	-
NAGA	3	5.3	0	-	1	1.8	0	-
LEGASPI	0	-	0	-	0	-	0	-
<u>R E G I O N V</u>	<u>4</u>	<u>0.1</u>	<u>3</u>	<u>0.1</u>	<u>25</u>	<u>0.8</u>	<u>0</u>	<u>-</u>
AKLAN	0	-	0	-	0	-	0	-
ANTIQUE	0	-	0	-	0	-	0	-
CAPIZ	0	-	0	-	0	-	0	-
ILOILO	0	-	0	-	0	-	0	-
NEGROS OCC	2	0.2	1	0.1	0	-	0	-
ROMBLON	1	0.7	1	0.7	0	-	0	-
BACOLOD	0	-	0	-	0	-	0	-
ILOILO	1	0.7	1	0.7	25	16.4	0	-
ROXAS	0	-	0	-	0	-	0	-
SILAY	0	-	0	-	0	-	0	-
<u>R E G I O N VI</u>	<u>13</u>	<u>0.3</u>	<u>9</u>	<u>0.2</u>	<u>5</u>	<u>0.1</u>	<u>0</u>	<u>-</u>
BOHOL	0	-	0	-	0	-	0	-
CEBU	0	-	0	-	0	-	0	-
LEYTE	5	0.5	4	0.4	5	0.5	0	-
NEGROS OR	0	-	0	-	0	-	0	-
SAMAR	0	-	0	-	0	-	0	-
CALBAYOG	0	-	0	-	0	-	0	-
CEBU	7	2.7	5	1.9	0	-	0	-
DUMAGUETE	0	-	0	-	0	-	0	-
ORMOG	1	1.6	0	-	0	-	0	-
TACLOBAN	0	-	0	-	0	-	0	-

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	POLIOMYELITIS (080-081)				H-FEVER (788)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>REGION VII</u>	<u>9</u>	<u>0.1</u>	<u>2</u>	<u>0.1</u>	<u>9</u>	<u>0.4</u>	<u>0</u>	<u>-</u>
LANAO DEL NORTE	0	-	0	-	0	-	0	-
LANAO DEL SUR	0	-	0	-	0	-	0	-
MISAMIS OCC	0	-	0	-	0	-	0	-
SULU	0	-	0	-	0	-	0	-
ZAM. DEL NORTE	0	-	0	-	1	0.4	0	-
ZAM. DEL SUR	0	-	0	-	8	1.7	0	-
BASILAN	1	0.6	0	-	0	-	0	-
ILIGAN	1	1.6	1	1.6	0	-	0	-
MARAWI	0	-	0	-	0	-	0	-
OZAMIZ	0	-	0	-	0	-	0	-
ZAMBOANGA	1	0.8	1	0.8	0	-	0	-
<u>REGION VIII</u>	<u>12</u>	<u>0.4</u>	<u>7</u>	<u>0.2</u>	<u>2</u>	<u>0.1</u>	<u>0</u>	<u>-</u>
AGUBAN	1	0.5	1	0.5	0	-	0	-
BUKIDNON	2	1.0	0	-	0	-	0	-
COTABATO	2	0.2	1	0.1	2	0.2	0	-
DAVAO	2	0.3	2	0.3	0	-	0	-
MISAMIS OR	0	-	0	-	0	-	0	-
SURIGAO	0	-	0	-	0	-	0	-
BUTUAN	0	-	0	-	0	-	0	-
CAGAYAN DE ORO	2	2.9	1	1.5	0	-	0	-
COTABATO	0	-	0	-	0	-	0	-
DAVAO	3	1.3	2	0.9	0	-	0	-

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	POLIOMYELITIS (080-081)				M-FEVER (788)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>REGION VII</u>	<u>9</u>	<u>0.1</u>	<u>2</u>	<u>0.1</u>	<u>9</u>	<u>0.4</u>	<u>0</u>	<u>-</u>
LANAO DEL NORTE	0	-	0	-	0	-	0	-
LANAO DEL SUR	0	-	0	-	0	-	0	-
MISAMIS OCC	0	-	0	-	0	-	0	-
SULEU	0	-	0	-	0	-	0	-
ZAM. DEL NORTE	0	-	0	-	1	0.4	0	-
ZAM. DEL SUR	0	-	0	-	8	1.7	0	-
BASILAN	1	0.6	0	-	0	-	0	-
ILIGAN	1	1.6	1	1.6	0	-	0	-
MARAWI	0	-	0	-	0	-	0	-
OZAMIS	0	-	0	-	0	-	0	-
ZAMBOANGA	1	0.8	1	0.8	0	-	0	-
<u>REGION VIII</u>	<u>12</u>	<u>0.4</u>	<u>7</u>	<u>0.2</u>	<u>2</u>	<u>0.1</u>	<u>0</u>	<u>-</u>
AGUSAN	1	0.5	1	0.5	0	-	0	-
BUKIDNON	2	1.0	0	-	0	-	0	-
COTABATO	2	0.2	1	0.1	2	0.2	0	-
DAVAO	2	0.3	2	0.3	0	-	0	-
MISAMIS OR	0	-	0	-	0	-	0	-
SURIGAO	0	-	0	-	0	-	0	-
BUITUAN	0	-	0	-	0	-	0	-
CAGAYAN DE ORO	2	2.9	1	1.5	0	-	0	-
COTABATO	0	-	0	-	0	-	0	-
DAVAO	3	1.3	2	0.9	0	-	0	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION,
PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	LEPROSY (060)				VARICELLA (087)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PHILIPPINES	441	1.6	25	0.1	697	16.9	17	0.1
<u>REGION I</u>	234	7.1	4	0.1	586	17.9	0	-
ABRA	0	-	0	-	1	0.8	0	-
ILOCOS NORTE	190	65.4	2	0.7	6	2.1	0	-
ILOCOS SUR	1	0.3	1	0.3	84	24.5	0	-
LA UNION	13	4.4	0	-	38	12.7	0	-
MT. PROVINCE	13	3.3	0	-	262	67.1	0	-
PANGASINAN	13	1.2	1	0.1	25	2.3	0	-
TARLAC	0	-	0	-	42	9.7	0	-
ZAMBALES	2	0.9	0	-	0	-	0	-
BAGUIO	2	3.9	0	-	120	235.6	0	-
DAGUPAN	0	-	0	-	8	12.5	0	-
<u>REGION II</u>	7	0.7	0	-	145	13.8	0	-
BATANES	1	9.6	0	-	15	143.4	0	-
CAGAYAN	2	0.4	0	-	12	2.7	0	-
ISABELA	1	0.2	0	-	85	19.0	0	-
NUEVA VIZCAYA	3	2.1	0	-	33	23.6	0	-
<u>REGION III</u>	94	1.3	12	0.2	1795	24.2	9	0.1
BATAAN	0	-	0	-	65	44.0	0	-
BATANGAS	0	-	0	-	11	1.8	0	-
BULACAN	0	-	0	-	58	10.3	0	-
CAVITE	0	-	0	-	4	1.3	0	-
LAGUNA	5	1.2	0	-	138	34.0	2	0.5
MARINDUQUE	0	-	0	-	53	45.6	0	-
MINDORO OCC	0	-	0	-	62	72.7	0	-
MINDORO OR	0	-	0	-	50	21.8	1	0.4
NUEVA ECIJA	20	3.7	3	0.6	11	2.0	0	-
PALAWAN	4	2.4	3	1.8	39	23.7	2	1.2
PAMPANGA	4	0.6	1	0.2	92	14.8	0	-
QUEZON	0	-	0	-	73	11.0	0	-
RIZAL	9	1.0	5	0.5	22	2.3	0	-
CABANATUAN	0	-	0	-	0	-	0	-
CAVITE	0	-	0	-	47	84.6	0	-
LIPA	0	-	0	-	0	-	0	-
MANILA								
(Residents)	47		0	-	621		2	
(Transients)	0	4.1	0	-	343	83.1	2	0.3

PHILIPPINES

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

PLACE	LEPROSY (060)				VARICELLA (087)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
PASAY	0	-	0	-	0	-	0	-
QUEZON	0	-	0	-	73	18.2	0	-
SAN PABLO	5	7.0	0	-	33	46.1	0	-
TAGAYTAY	0	-	0	-	0	-	0	-
TRECE MARTIRES	0	-	0	-	0	-	0	-
<u>REGION IV</u>	<u>20</u>	<u>0.8</u>	<u>3</u>	<u>0.1</u>	<u>171</u>	<u>7.1</u>	<u>1</u>	<u>0.04</u>
ALBAY	8	1.7	0	-	95	20.6	0	-
CAMARINES NORTE	0	-	0	-	17	8.9	0	-
CAMARINES SUR	1	0.1	1	0.1	0	-	0	-
CATANDUANES	0	-	0	-	0	-	0	-
MASBATE	0	-	0	-	2	0.6	0	-
SORSOGON	11	3.1	2	0.6	26	7.4	1	0.3
NAGA	0	-	0	-	20	35.5	0	-
LEGASPI	0	-	0	-	11	17.9	0	-
<u>REGION V</u>	<u>4</u>	<u>0.1</u>	<u>0</u>	<u>-</u>	<u>116</u>	<u>3.6</u>	<u>1</u>	<u>0.03</u>
AKLAN	0	-	0	-	5	2.2	0	-
ANTIQUE	0	-	0	-	15	6.2	0	-
CAPIZ	0	-	0	-	6	2.2	0	-
ILOILO	3	0.4	0	-	5	0.6	0	-
NEGROS OCC	1	0.1	0	-	71	6.1	1	0.1
ROMBLON	0	-	0	-	4	3.0	0	-
BACOLOD	0	-	0	-	0	-	0	-
ILOILO	0	-	0	-	0	-	0	-
ROXAS	0	-	0	-	1	2.0	0	-
SILAY	0	-	0	-	9	14.8	0	-
<u>REGION VI</u>	<u>73</u>	<u>1.6</u>	<u>5</u>	<u>0.1</u>	<u>445</u>	<u>9.6</u>	<u>4</u>	<u>0.1</u>
BOHOL	42	6.9	0	-	68	11.2	0	-
CEBU	6	0.5	3	0.3	59	5.4	0	-
LEYTE	10	0.9	1	0.1	20	1.9	3	0.3
NEGROS OR	2	0.4	0	-	30	5.3	1	0.2
SAMAR	4	0.5	1	0.1	90	11.2	0	-
CALBAYOG	4	5.1	0	-	4	5.1	0	-
CEBU	3	1.1	0	-	78	29.7	0	-
DUMAGUETE	2	5.6	0	-	60	167.7	0	-
ORMOC	0	-	0	-	25	39.2	0	-
TACLOBAN	0	-	0	-	11	20.3	0	-

P H I L I P P I N E S

TABLE 11 - MORBIDITY & MORTALITY: SELECTED NOTIFIABLE DISEASES: BY REGION, PROVINCE & CITY; NUMBER AND RATE (PER 100,000 POPULATION), 1960

P L A C E	LEPROSY (060)				VARI CELLA (087)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
<u>R E G I O N VII</u>	<u>4</u>	<u>0.2</u>	<u>0</u>	<u>-</u>	<u>988</u>	<u>40.4</u>	<u>0</u>	<u>-</u>
LANAO DEL NORTE	1	0.4	0	-	7	3.1	0	-
LANAO DEL SUR	0	-	0	-	68	13.9	0	-
MISAMIS OCC	0	-	0	-	2	1.0	0	-
SULU	0	-	0	-	62	18.7	0	-
ZAMB. DEL NORTE	0	-	0	-	52	18.3	0	-
ZAMB. DEL SUR	0	-	0	-	226	48.9	0	-
BASILAN	0	-	0	-	26	16.5	0	-
ILIGAN	3	4.9	0	-	16	26.3	0	-
MARAWI	0	-	0	-	9	18.4	0	-
OZAMIZ	0	-	0	-	435	920.3	0	-
ZAMBOANGA	0	-	0	-	85	63.9	0	-
<u>R E G I O N VIII</u>	<u>5</u>	<u>0.2</u>	<u>1</u>	<u>0.03</u>	<u>451</u>	<u>13.6</u>	<u>2</u>	<u>0.1</u>
AGUSAN	0	-	0	-	29	15.1	0	-
BUKIDNON	5	2.5	0	-	96	48.5	0	-
COTABATO	0	-	0	-	56	5.0	0	-
DAVAO	0	-	1	0.1	53	7.8	2	0.3
MISAMIS OR	0	-	0	-	130	40.2	0	-
SURIGAO	0	-	0	-	55	15.1	0	-
BUTUAN	0	-	0	-	0	-	0	-
CAGAYAN DE ORO	0	-	0	-	17	24.7	0	-
COTABATO	0	-	0	-	0	-	0	-
DAVAO	0	-	0	-	15	6.8	0	-

Republic of the Philippines
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PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	P N E U M O N - I A S (490-493; 763)				T. B. R E S P I R A T O R Y (001 - 008)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906	N O D A T A A V A I L A B L E						12532	152.4
1907							12802	152.6
1908							15125	176.7
1909							15294	175.3
1910							16513	185.7
1911							17799	196.5
1912							16412	177.9
1913							16078	171.2
1914							17759	185.7
1915							18817	193.4
1916							19249	194.5
1917							21104	209.7
1918							26862	264.1
1919							26644	254.8
1920							24677	229.8
1921							24913	226.0
1922							23283	205.9
1923							26,927	232.3
1924							27551	232.0
1925							26803	220.4

PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	PNEUMONIAS (490-493; 763)				T. B. RESPIRATORY (001 - 008)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1926	NO DATA AVAILABLE				31676	254.5	28683	230.5
1927					33992	267.8	28209	221.6
1928					34721	266.8	29188	224.3
1929					37515	283.0	30603	230.1
1930					33930	249.8	31945	235.2
1931					40582	292.6	31987	230.7
1932					38867	275.3	29925	211.5
1933					37924	262.7	30583	211.8
1934					38617	262.3	31497	214.0
1935					40702	271.3	32494	216.6
1936					38936	254.7	32235	210.8
1937					42747	268.1	33468	214.9
1938					44560	281.0	34695	218.8
1939					48006	298.1	35355	219.5
1940					72724	442.3	35587	216.4
1941-45	NO DATA AVAILABLE		NO DATA AVAILABLE		NO DATA AVAILABLE		NO DATA AVAILABLE	
1946	48410	262.1	36381	196.9	44390	240.3	30819	166.8
1947	35018	186.4	26415	140.4	48873	259.8	30983	164.7
1948	35492	185.3	26932	140.7	62673	327.3	31094	162.4
1949	37014	188.0	28766	146.1	52038	264.2	27815	141.2
1950	36698	180.6	27774	136.7	50998	251.0	27539	135.5
1951	35972	171.6	27489	131.1	51547	245.9	30139	143.8
1952	38827	179.5	29008	134.1	51944	240.1	29555	136.6
1953	42686	191.2	31778	142.4	48079	215.4	25101	112.5
1954	39627	172.1	26584	115.4	52161	226.5	23491	102.0
1955	45751	192.5	25329	106.6	71448	300.7	23192	97.6
1956	55273	225.4	27448	112.0	93259	380.4	23473	95.7
1957	74375	294.0	33628	132.9	114442	452.4	25351	100.2
1958	60465	231.7	30107	115.3	113563	435.1	22999	88.1
1959	53067	197.0	25840	95.9	107846	400.4	20775	77.1
1960	58594	210.7	27902	100.4	102162	367.7	24194	87.1

PHILIPPINES
MORBIDITY RATES OF GASTRO-ENTERITIS,
TUBERCULOSIS AND PNEUMONIAS
1926 - 1960

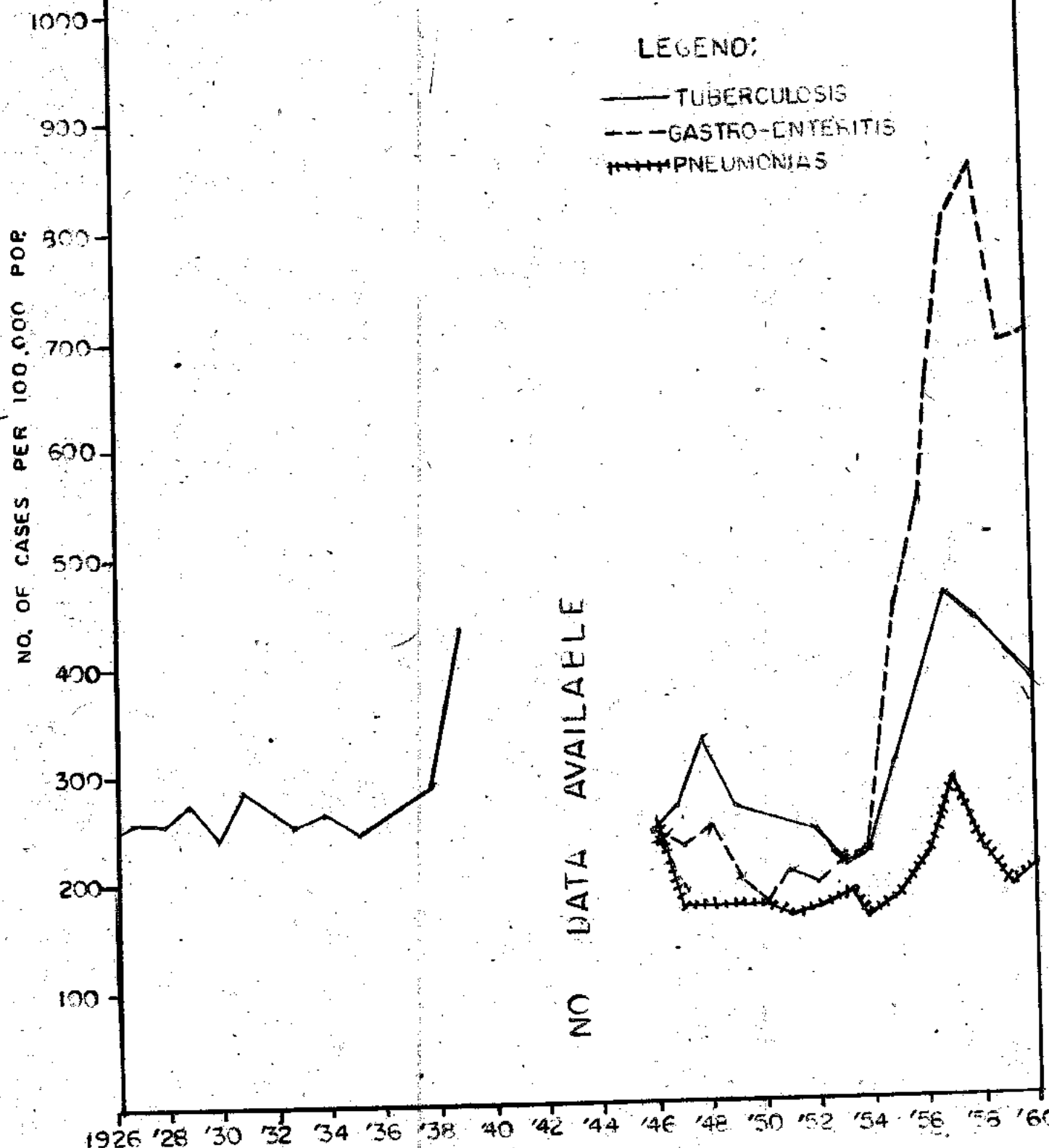


FIGURE 10-F

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	T. B., OTHER ORGANS (910-919)				GASTRO-ENTERITIS (571-572; 764)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906	NO DATA A V A I L A B L E		1335	16.2	NO DATA A V A I L A B L E			
1907			1743	20.8				
1908			2105	24.6				
1909			2290	26.3				
1910			2127	23.9				
1911			2181	24.1				
1912			3327	36.1				
1913			2314	24.6				
1914			1732	18.1				
1915			1632	16.8				
1916			1635	16.5				
1917			1745	17.3				
1918			2406	24.2				
1919			3009	28.8				
1920			1797	16.7				
1921			1935	17.6				
1922			1915	16.9				
1923			1726	14.9				
1924			1983	16.7				
1925			2261	18.8				
1926			2066	16.6				
1927			2035	16.0				
1928			1894	14.6				
1929			2059	15.5				
1930			1986	14.6				
1931			1862	13.4				
1932			1756	12.4				

PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION): 1906 - 1960

YEARS	T. B., OTHER ORGANS (010-019)				GASTRO-ENTERITIS (571-572; 764)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1933	NO DATA AVAILABLE		1800	12.5	NO DATA AVAILABLE		NO DATA AVAILABLE	
1934			1760	12.0				
1935			1912	12.7				
1936			1751	11.5				
1937			1910	12.3				
1938			1954	12.3				
1939			2105	13.1				
1940			2037	12.4				
1941-45	N O		D A T A		A V A I L A B L E			
1946	1809	9.8	1460	7.9	45485	246.2	10822	58.6
1947	2133	11.34	1678	8.9	43887	233.3	10499	55.8
1948	2341	12.2	1909	10.0	49017	256.0	13680	71.4
1949	2267	11.5	1825	9.3	41328	209.9	14013	71.2
1950	2428	11.9	1873	9.2	37037	182.3	11731	57.7
1951	2400	11.4	1820	8.7	44110	216.4	15837	75.5
1952	2206	10.2	1816	8.4	43762	202.3	15290	70.7
1953	1969	8.8	1625	7.3	49400	221.3	17187	77.0
1954	1956	8.5	1381	6.0	52711	228.9	13842	60.1
1955	2321	9.8	1396	5.9	107634	453.0	13463	56.7
1956	2817	11.5	1333	5.4	136600	557.1	14136	57.7
1957	3345	13.2	1228	4.9	205457	612.2	18990	73.1
1958	3143	12.0	1233	4.7	227063	869.9	19832	73.0
1959	3121	11.6	1394	5.2	189403	703.3	14880	55.3
1960	4001	14.4	1398	5.0	196992	709.0	16819	60.5

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (Per 100,000 POPULATION): 1906 - 1960

YEARS	B R O N C H I T I S (500-502)				B E R I - B E R I (280)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1933					21703	150.3	18682	128.9
1934					24659	167.6	21419	145.5
1935					23182	154.5	18614	130.7
1936					17462	113.7	14822	96.9
1937					19767	126.9	16797	107.9
1938					20934	132.0	17051	107.5
1939	NO				26842	166.8	18758	116.5
1940					27484	167.1	18545	112.8
1941-45	N O D A T A				A V A I L A B L E			
1946	50153	271.5	23906	129.4	35580	192.6	26858	145.4
1947	49325	262.2	18546	98.6	38136	202.7	26136	138.9
1948	49360	257.8	20019	104.5	40754	212.8	26786	139.9
1949	47197	239.7	20063	101.9	35614	108.8	23687	120.3
1950	51020	251.1	20439	100.6	36813	181.2	23071	113.5
1951	52242	249.2	21281	101.5	35486	169.3	23407	111.6
1952	55318	255.7	21100	97.5	34690	160.4	23405	108.2
1953	62375	279.5	22626	101.4	38251	171.4	24222	108.5
1954	74698	324.4	19192	83.3	39560	171.8	23306	101.2
1955	140428	591.0	17546	73.8	53872	225.9	22055	92.8
1956	215954	880.8	19192	78.3	60137	245.3	22191	90.5
1957	277560	1097.2	20157	79.7	63008	249.1	21679	85.7
1958	236272	905.2	16894	64.7	51406	196.9	17419	66.7
1959	243396	903.7	15676	58.2	48527	108.2	15617	58.0
1960	273794	855.9	15892	57.2	48410	174.2	15112	54.4

MORBIDITY RATES OF BRONCHITIS, INFLUENZA AND MALARIA, 1926-1960

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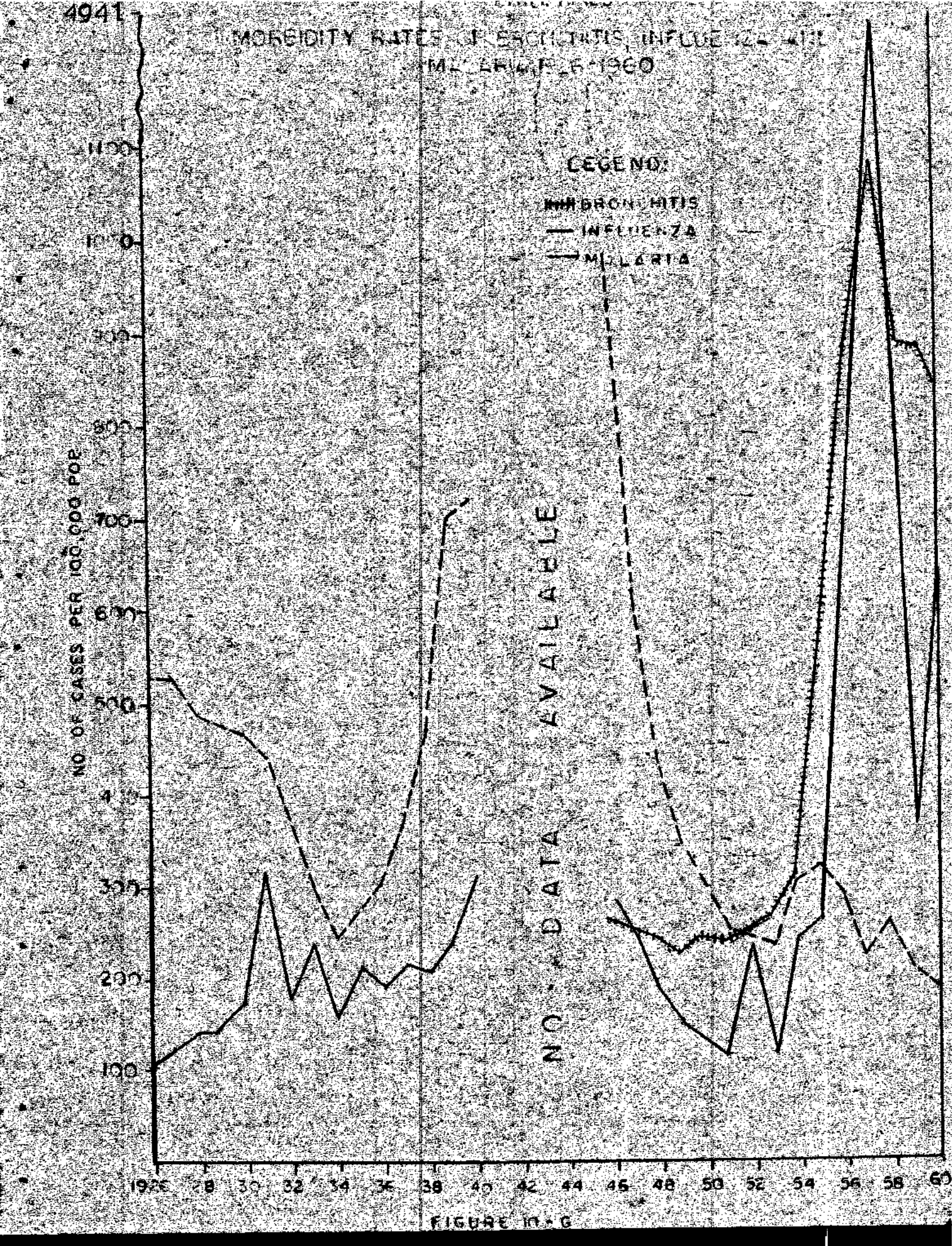
— BRONCHITIS
— INFLUENZA
— MALARIA

NO. OF CASES PER 100,000 POP.

NO DATA AVAILABLE

1926 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

FIGURE M-6



PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	CANCER (140-205)				TETANUS (061)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906								
1907								
1908								
1909								
1910								
1911	DATA UNAVAILABLE		NO DATA AVAILABLE		DATA UNAVAILABLE		DATA UNAVAILABLE	
1912								
1913								
1914								
1915								
1916								
1917								
1918								
1919								
1920				842	7.8			
1921				783	7.1			
1922				855	7.6			
1923				977	8.4			
1924				902	7.6			
1925				887	7.3			
1926				1093	8.8			
1927				1133	8.9			
1928				1261	9.7			
1929		NO DATA				AVAILABLE		
1930				1262	9.3			
1931				1170	8.4			
1932				1319	9.3			

P H I L I P P I N E S

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	C A N C E R (140-205)				T E T A N U S (061)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1933			1287	8.9				
1934			1406	9.6				
1935			1486	9.9				
1936			1485	9.7				
1937			1595	10.2				
1938			1495	9.4				
1939		N O		D A T A				
1940			1650	10.0				
1941-45		N O		D A T A				
1946					1424	7.7	1216	6.6
1947			1397	7.4	1259	6.7	1041	5.5
1948			1585	8.3	1593	8.3	1237	6.5
1949			1725	8.8	1358	6.9	1060	5.4
1950	1799	8.9	1748	8.6	1570	7.7	1197	5.9
1951	2027	9.7	1985	9.5	1698	8.1	1292	6.2
1952	2245	10.4	2201	10.2	1827	8.4	1428	6.6
1953	2503	11.2	2404	10.8	1951	8.7	1454	6.5
1954	2585	11.2	2553	11.1	2226	9.7	1693	7.4
1955	2836	11.9	2786	11.7	2447	10.3	1763	7.4
1956	3582	14.6	3528	14.4	2803	11.4	2126	8.7
1957	3643	14.4	3582	14.2	2858	11.3	2106	8.3
1958	4227	16.2	4100	15.7	3017	11.6	2086	8.0
1959	5164	19.2	4026	14.9	3444	12.8	2278	8.5
1960	5402	19.4	4982	17.9	4161	15.0	2598	9.4

PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	I N F L U E N Z A (480-483)				M A L A R I A (110-117)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906	A V A I L A B L E		624	7.6	A V A I L A B L E		23973	291.5
1907			578	6.9			26610	317.1
1908			392	4.6			23487	274.5
1909			450	5.2			25751	295.1
1910			296	3.3			26359	296.4
1911			489	5.4			28181	311.1
1912			520	5.6			27229	295.1
1913			682	7.3			18526	197.2
1914			896	9.4			20285	212.2
1915			1273	13.1			24826	255.2
1916			1477	14.9			26088	263.6
1917			1608	16.0			29074	288.9
1918			77515	762.0			38322	376.7
1919			7629	73.0			37726	360.8
1920			1630	15.2			29653	276.1
1921			2131	19.3			28407	257.7
1922			2910	25.7			27196	240.5
1923			3739	32.3			24142	208.2
1924			6734	56.7			26740	225.1
1925			5098	41.9			24329	200.0
1926	13305	106.9	6284	50.5	66515	534.4	24373	195.6
1927	16805	126.4	7083	55.6	67735	532.1	19521	153.3
1928	19045	146.3	7834	60.2	64171	493.1	15925	122.4
1929	19361	145.6	7950	59.8	63874	480.3	15333	115.3
1930	24274	178.7	9066	66.7	64250	473.0	15145	111.5
1931	43398	312.8	12013	86.6	61732	445.1	11857	85.5
1932	26098	184.4	8697	61.5	52227	369.0	9643	68.1
1933	35922	248.8	10202	70.7	44643	309.2	8889	61.6

PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY; SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	I N F L U E N Z A (480-483)				M A L A R I A (110-117)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1934	24306	165.1	9675	65.7	36030	244.8	8525	57.9
1935	32511	216.7	11316	75.4	42374	282.4	9227	61.5
1936	29908	195.6	10136	66.3	46837	306.3	8904	58.2
1937	33952	218.0	9712	62.4	57742	370.8	9544	61.3
1938	33782	213.0	9285	58.6	76193	480.5	9427	59.5
1939	39698	246.5	9002	55.9	113610	705.5	10188	63.3
1940	52252	317.8	9502	57.8	120589	733.4	9038	55.0
1941-45	N O D A T A				A V A I L A B L E			
1946	53834	291.4	9461	51.2	184482	998.7	16783	90.9
1947	48264	256.6	7422	39.5	119395	634.7	12070	64.2
1948	37669	196.7	6408	33.5	85732	447.7	10558	55.1
1949	31263	158.8	5821	29.6	70283	356.9	8801	44.7
1950	28400	139.8	5306	26.1	63075	310.4	7778	38.3
1951	25423	121.3	5229	24.9	54142	258.2	7721	36.8
1952	53999	249.6	6221	28.8	54591	251.4	7170	33.1
1953	28474	127.6	4515	20.2	54119	242.5	6720	30.1
1954	58344	253.3	4200	18.2	71363	309.9	5236	22.7
1955	64608	271.9	3361	14.1	79707	335.4	3714	15.6
1956	196689	802.2	3719	15.2	73560	300.0	2804	11.4
1957	1250082	4941.6	6239	24.7	60029	237.3	2376	9.4
1958	210329	805.8	2336	8.9	71666	274.6	2253	8.6
1959	103580	384.6	1594	5.9	61645	228.9	1768	6.6
1960	175023	630.0	1960	7.1	55252	198.9	1587	5.7

PHILIPPINES

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1906 - 1960

YEARS	MEASLES (085)				DIPHTHERIA (055)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906	NO DATA AVAILABLE		374	4.6	NO DATA AVAILABLE		881	10.7
1907			727	8.7			1005	12.0
1908			1074	12.6			785	9.2
1909			766	8.8			840	9.6
1910			467	5.3			619	7.0
1911			506	5.6			595	6.6
1912			1937	21.0			727	7.9
1913			1394	14.8			585	6.2
1914			418	4.4			518	5.4
1915			608	6.3			603	6.2
1916			802	8.1			522	5.3
1917			1025	10.2			645	6.4
1918			960	9.4			541	5.3
1919			314	3.0			489	4.7
1920			848	7.9			310	2.9
1921			3338	30.3			237	2.2
1922			1017	9.0			142	1.3
1923			536	4.6			170	1.5
1924			773	6.5			118	1.0
1925			423	3.5			98	0.8
1926	8033	64.5	2907	23.4	274	2.2	120	1.0
1927	4556	35.8	969	7.6	229	1.8	90	0.7
1928	2654	20.4	652	5.0	290	2.2	101	0.8
1929	2749	20.7	451	3.4	286	2.2	115	0.9
1930	7234	53.3	1536	11.3	316	2.3	123	0.9
1931	4789	34.5	708	5.1	260	1.9	123	0.9
1932	4225	30.0	573	4.1	295	2.1	125	0.9
1933	5636	39.0	985	6.8	318	2.2	132	0.9

P H I L I P P I N E S

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1904 - 1960

	M E A S L E S (085)				D I P H T H E R I A (055)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1934	3475	23.6	576	3.9	273	1.9	130	0.9
1935	5985	40.0	903	6.0	335	2.2	161	1.1
1936	3582	23.4	544	3.6	441	2.9	151	1.0
1937	6579	42.2	1291	8.3	473	3.0	135	0.9
1938	5082	32.1	994	6.3	468	3.0	157	1.0
1939	7215	44.8	896	5.6	560	3.5	161	1.0
1940	7162	43.6	1337	8.1	546	3.3	159	1.0
1941 - 1945	N O D A T A				A V A I L A B L E			
1946	22829	123.6	6390	34.6	684	3.7	260	1.4
1947	2434	12.9	419	2.2	457	2.4	181	1.0
1948	1663	8.7	241	1.3	955	5.0	298	1.6
1949	5679	28.8	1203	6.1	1078	5.5	357	1.8
1950	7700	37.9	1419	7.0	1921	9.5	465	2.3
1951	2903	13.8	626	3.0	1373	6.5	359	1.4
1952	6657	30.8	1554	7.2	810	3.7	203	0.9
1953	11857	53.1	2477	11.1	808	3.6	280	1.3
1954	4659	20.2	566	2.5	817	3.5	211	0.9
1955	14016	59.0	918	3.9	1099	4.6	270	1.1
1956	13738	56.0	983	4.0	1479	6.0	287	1.2
1957	12139	48.0	813	3.2	1647	6.5	381	1.5
1958	15870	60.8	846	3.2	2263	8.7	459	1.8
1959	14502	53.8	739	2.7	2373	8.8	421	1.6
1960	20255	72.9	1016	3.7	2110	7.6	508	1.8

PHILIPPINES
MORBIDITY RATES OF BERIBERI, WHOOPING COUGH,
MEASLES AND DYSENTERY
1926-1960

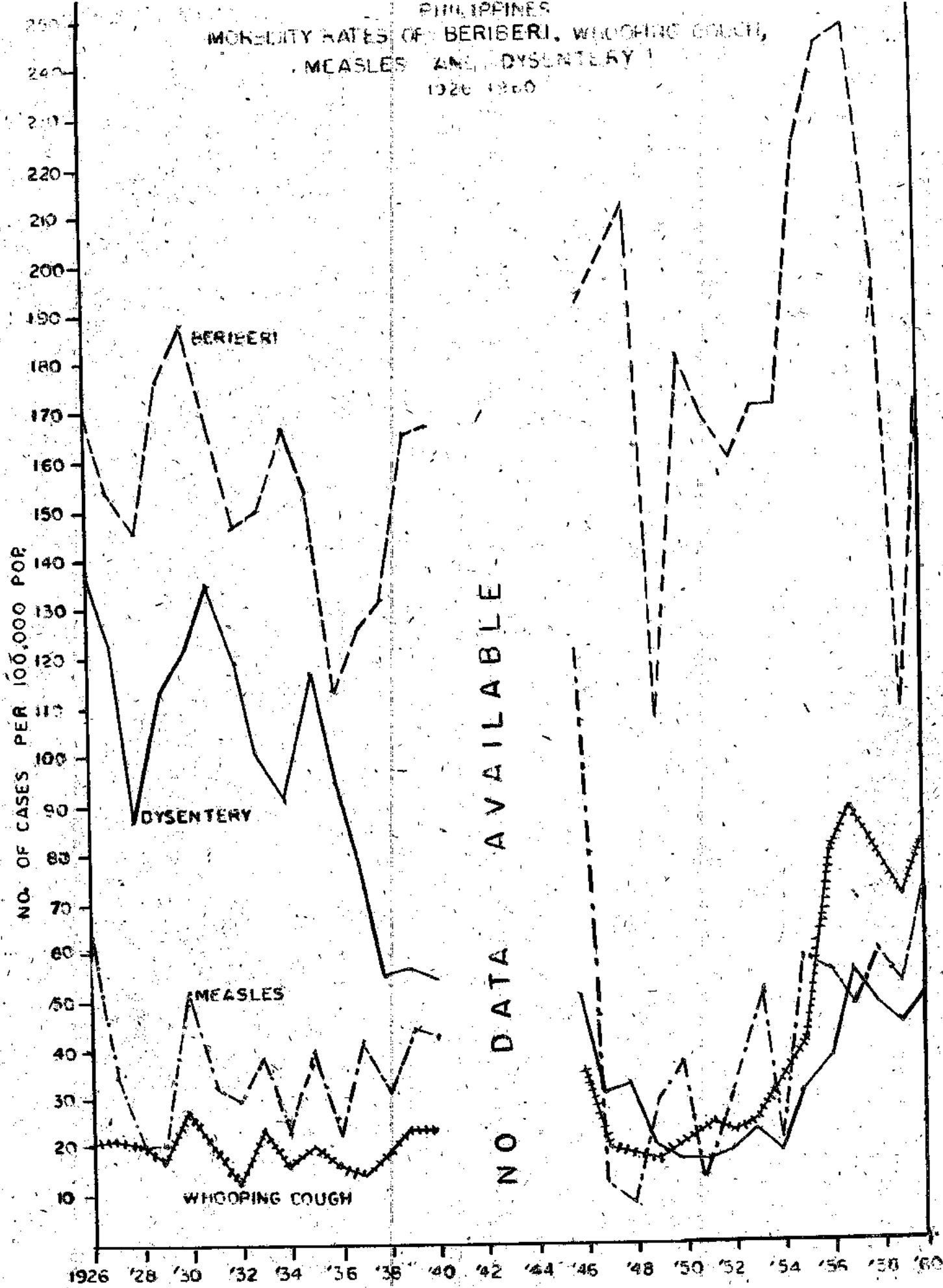


FIGURE 13-H

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	D Y S E N T E R Y (ALL FORMS) (045 - 048)				S C H I S T O S O M I A S I S (123)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906			8812	107.2				
1907			8782	104.7				
1908			12215	142.7				
1909			13703	157.1				
1910			18295	205.7				
1911			18379	202.9				
1912			20302	220.0				
1913			7985	85.0				
1914			6702	70.1				
1915			8015	82.4				
1916			7755	78.4				
1917			9310	92.5				
1918			11360	111.7				
1919			19196	189.6				
1920			9196	85.6				
1921			9381	85.1				
1922			7913	70.0				
1923			7064	60.1				
1924			8460	71.2				
1925			4925	40.5				
1926	17048	137.0	9339	75.0				
1927	17626	122.7	6529	51.3				
1928	11296	86.8	4532	34.8				
1929	14802	111.3	5186	39.0				
1930	16534	121.7	7180	52.9				
1931	18608	134.2	7269	52.4				
1932	16733	118.2	5441	38.5				
1933	14447	100.1	4944	34.3				
1934	13494	91.7	4452	30.2				

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	D Y S E N T E R Y (ALL FORMS) (045 - 048)				S C H I S T O S O M I A S I S (123)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1935	17756	118.3	5530	36.9	NO DATA AVAILABLE			
1936	14442	94.5	4336	28.4				
1937	12122	77.8	3615	23.2				
1938	8867	55.9	2836	17.9				
1939	9177	57.0	2339	14.5				
1940	10814	65.8	2617	16.0				
1941-45	NO DATA				A V A I L A B L E			
1946	9493	51.4	2186	11.8	NO DATA AVAILABLE			
1947	5549	30.0	1190	6.3				
1948	6146	32.1	1322	6.9				
1949	4100	20.8	1080	5.5				
1950	3477	17.1	827	4.1				
1951	3472	16.6	865	4.1	532	2.6	117	0.6
1952	4034	18.6	914	4.2	278	1.3	136	0.6
1953	5243	23.5	1041	4.7	291	1.3	131	0.6
1954	4342	18.9	645	2.8	406	1.8	109	0.5
1955	7223	30.4	668	2.8	628	2.7	172	0.7
1956	9129	37.2	654	2.7	1545	6.5	278	1.2
1957	14175	56.0	984	3.9	2747	11.2	373	1.5
1958	12726	48.8	1171	4.5	4353	17.2	396	1.6
1959	11843	44.0	707	2.6	2851	10.9	381	1.5
1960	13894	50.0	382	1.4	1317	4.9	289	1.1
					2231	8.0	331	1.2

P H I L I P P I N E S

TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1906 - 1960

Y E A R S	R A B I E S (094)		W H O O P I N G C O U G H (056)			
	C a s e s D e a t h s		C a s e s D e a t h s			
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
1906					1636	20.0
1907					1920	22.9
1908			E		1810	21.2
1909			L		1756	20.1
1910			I		2011	22.6
1911			B		2721	30.0
1912			I		2050	22.2
1913			A		2154	22.9
1914	E	E	V		1570	16.4
1915			A		2039	21.0
1916					2087	21.1
1917	B	B	A		2344	23.3
1918	A	A			2673	26.3
1919	L	L	T		1616	15.5
1920	I	I	A		1289	12.0
1921			D		1980	18.0
1922	A	A			2184	19.3
1923	V	V	O		995	8.6
1924					1893	17.9
1925	A	A	N		1120	9.2
1926				2585 20.8	1372	11.0
1927				2686 21.1	1237	9.7
1928	A	A		2663 20.5	1066	18.2
1929	T	T		2361 17.8	998	7.5
1930				3677 27.1	1218	9.0
1931				2643 19.1	1084	7.8
1932	D	D		1945 13.7	818	5.8
1933				3427 23.7	1177	8.2
1934				2473 16.8	1027	7.0
1935				3061 20.4	1073	7.2
1936	N	N		2465 16.1	900	5.9

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1906 - 1960

YEARS	RABIES (094)				WHOPING COUGH (056)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1937	NO DATA AVAILABLE				2245	14.4	804	5.2
1938					2958	18.7	864	5.5
1939					3715	23.1	713	4.4
1940					3901	23.7	811	4.9
1941 - 1945	NO DATA AVAILABLE				AVAILABLE			
1946	144	0.8	144	0.8	6756	36.6	1114	6.8
1947	179	1.0	179	1.0	3689	19.6	683	3.6
1948	201	1.1	201	1.1	3457	18.1	596	3.1
1949	222	1.1	222	1.1	3400	17.3	581	3.0
1950	245	1.2	245	1.2	4068	20.0	519	2.6
1951	267	1.3	267	1.3	5067	24.2	739	3.5
1952	249	1.2	249	1.2	5158	23.8	675	3.1
1953	194	0.9	194	0.9	5792	25.9	559	2.5
1954	208	0.9	208	0.9	7682	33.4	543	2.4
1955	195	0.8	195	0.8	10439	43.9	411	1.7
1956	162	0.7	162	0.7	19472	79.4	484	2.0
1957	189	0.7	189	0.7	22246	89.9	428	1.7
1958	215	0.8	215	0.8	21464	82.2	296	1.1
1959	212	0.8	212	0.8	19090	70.9	208	0.8
1960	265	1.0	265	1.0	23230	85.5	233	0.8

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY - SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1946 - 1960

YEARS	POLIOMYELITIS (080-081)				TYPHOID FEVER (1-753)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1946-49	NO DATA AVAILABLE				NO DATA AVAILABLE			
1947	25	0.13	18	0.10				
1948	42	0.22	25	0.13				
1949	21	0.11	14	0.07				
1950	435	2.1	59	0.3				
1951	89	0.4	25	0.1				
1952	192	0.9	39	0.2				
1953	125	0.6	31	0.1				
1954	386	1.7	73	0.3				
1955	313	1.3	53	0.2				
1956	317	1.3	58	0.2				
1957	338	1.3	56	0.2				
1958	500	1.9	81	0.3	94	0.4	34	0.1
1959	436	1.6	59	0.2	40	0.1	11	0.04
1960	474	1.7	83	0.3	551	2.0	40	0.1

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	L E P R O S Y (060)				V A R I C E L L A (087)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906-1945	N	D.	D	A T A	A V A I	L A B	L E	
1946	154	0.8	38	0.2	937	5.1	-	-
1947	139	0.7	60	0.3	1276	6.8	-	-
1948	163	0.9	104	0.5	2238	11.7	-	-
1949	93	0.5	52	0.3	2529	12.8	-	-
1950	63	0.3	31	0.2	1561	7.7	-	-
1951	81	0.4	38	0.2	3754	17.9	-	-
1952	85	0.4	35	0.2	2172	10.0	-	-
1953	51	0.2	20	0.1	2828	12.7	-	-
1954	62	0.4	17	0.07	2896	12.6	-	-
1955	178	0.7	30	0.1	10598	44.6	-	-
1956	331	1.4	30	0.1	4642	18.9	-	-
1957	1053	4.2	25	0.1	4246	16.8	-	-
1958	420	1.6	30	0.1	5209	20.0	4	0.02
1959	491	1.8	30	0.1	8500	31.6	30	0.1
1960	441	1.6	25	0.1	4697	16.9	17	0.1

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	C H O L E R A (043)				S M A L L P O X (084)			
	Cases		Deaths		Cases		Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1906			6067	73.8			4051	49.3
1907			718	8.6			3026	36.1
1908			17770	207.7			8734	102.1
1909			8566	98.2			6237	71.5
1910			7202	81.9			3044	34.2
1911			124	1.4			1192	13.2
1912			-	-			567	6.2
1913			186	2.0			903	9.6
1914			2347	24.6			438	4.6
1915			398	4.1			276	2.8
1916			8235	83.2			610	6.2
1917			8723	86.7			436	4.3
1918			5924	58.2			16147	158.7
1919			18213	174.2			49971	477.9
1920			1194	11.1			6632	61.8
1921			47	0.4			728	6.6
1922			72	0.6			19	0.17
1923			11	0.09			4	0.03
1924			26	0.2			1	0.008
1925			588	4.8			1	0.008
1926	334	2.7	238	1.9	26	0.2	7	0.06
1927	10	0.08	3	0.02	-	-	-	-
1928	18	0.14	8	0.06	5	0.04	5	0.04

PHILIPPINES
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION); 1906 - 1960

YEARS	C H O L E R A (043)				S M A L L P O X (084)			
	C a s e s		D e a t h s		C a s e s		D e a t h s	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1929	1	0.01	-	-	367	2.8	59	0.44
1930	5099	37.5	3079	22.7	192	1.4	49	0.36
1931	1841	7.5	784	5.7	6	0.04	1	0.018
1932	627	4.4	447	3.2	-	-	-	-
1933	2542	17.6	1807	12.5	-	-	-	-
1934	923	6.3	636	4.3	-	-	-	-
1935	9	0.06	3	0.02	-	-	-	-
1936	1	0.01	1	0.01	-	-	-	-
1937	1	0.01	1	0.01	-	-	-	-
1938	-	-	-	-	2	0.02	1	0.01
1939	-	-	-	-	1	0.01	1	0.01
1940	-	-	-	-	-	-	-	-
1941-1945	N O D A T A				A V A I L A B L E			
1946	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-
1948	-	-	-	-	282	1.5	103	0.74
1949	-	-	-	-	27	0.14	6	0.03
1950-1960	N O C A S E S A N D D E A T H S				R E P O R T E D			

P H I L I P P I N E S
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1906 - 1960

Y E A R S	TYPHOID FEVER & PARA- TYPHOID (040-041)			
	C a s e s		D e a t h s	
	No.	Rate	No.	Rate
1906			2349	28.5
1907			2344	27.5
1908			2582	30.2
1909			2689	30.8
1910			2589	30.2
1911			2141	23.6
1912			2391	25.9
1913			2341	24.9
1914			2464	25.8
1915			2196	22.6
1916			2599	26.3
1917			2550	25.3
1918			4395	43.2
1919			3810	36.4
1920			2848	26.5
1921			2571	23.3
1922			2029	17.9
1923			2001	17.3
1924			1922	16.2
1925			1810	14.9
1926	2265	18.2	1504	12.1
1927	2219	17.4	1437	11.3
1928	2765	20.8	1575	12.1
1929	2331	17.5	1355	10.2
1930	1824	13.4	1091	8.0
1931	2075	15.0	1258	9.1
1932	2055	14.5	1164	8.2

P H I L I P P I N E S
TABLE 12 - MORBIDITY AND MORTALITY: SELECTED NOTIFIABLE DISEASES;
NUMBER AND RATE (PER 100,000 POPULATION), 1933 - 1960

Y E A R S	TYPHOID FEVER & PARA- TYPHOID (040-041)			
	C a s e s		D e a t h s	
	No.	Rate	No.	Rate
1933	2333	16.2	1353	9.4
1934	2144	14.6	1326	9.0
1935	2245	15.0	1283	8.9
1936	2518	16.5	1273	8.3
1937	2142	13.8	1166	7.5
1938	2236	14.1	1040	6.6
1939	2266	14.1	963	6.0
1940	1736	10.6	715	4.4
1941 - 1945	NO	DATA	AVAILABLE	
1946	940	5.1	614	3.3
1947	882	4.7	532	2.6
1948	763	4.0	380	2.0
1949	726	3.7	313	1.6
1950	805	4.0	233	1.1
1951	572	2.7	234	1.1
1952	525	2.4	230	1.1
1953	347	1.6	138	0.6
1954	639	2.8	168	0.8
1955	394	1.7	155	0.7
1956	511	2.1	204	0.8
1957	410	1.6	220	0.9
1958	342	1.3	127	0.5
1959	282	1.0	95	0.4
1960	520	1.9	90	0.3

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P H I L I P P I N E S

TABLE 13 - MORBIDITY: LEADING CAUSES BY REGIONS; NUMBER AND RATE* 1960

R E G I O N I			R E G I O N II		
Diseases	No.	Rate	Diseases	No.	Rate
1. Bronchitis	37976	1158.5	1. Malaria	15739	1500.1
2. Gastro-enteritis and Colitis**	34779	1060.9	2. Bronchitis	14750	1405.8
3. Influenza	23038	702.8	3. Gastro-enteritis and Colitis**	9040	861.6
4. Tuberculosis	11500	350.8	4. Influenza	5481	522.4
5. Pneumonias	8403	256.3	5. Beriberi	4343	413.9
6. Beriberi	6608	201.6	6. Tuberculosis	4338	413.4
7. Malaria	4112	125.4	7. Pneumonias	2728	260.0
8. Whooping Cough	3268	99.7	8. Measles	771	73.5
9. Measles	3095	94.4	9. Whooping Cough	496	47.3
10. Dysentery (All Forms)	881	26.9	10. Dysentery (All Forms)	170	16.2

R E G I O N III			R E G I O N IV		
Diseases	No.	Rate	Diseases	No.	Rate
1. Influenza	58654	792.0	1. Bronchitis	18655	776.8
2. Bronchitis	55597	750.7	2. Gastro-enteritis and Colitis**	18224	758.8
3. Gastro-enteritis and Colitis**	49674	670.7	3. Influenza	10918	454.6
4. Tuberculosis	28568	385.7	4. Tuberculosis	9660	398.1
5. Pneumonias	18224	246.1	5. Pneumonias	4106	171.0
6. Malaria	13395	180.9	6. Beriberi	1848	77.0
7. Beriberi	11855	160.1	7. Whooping Cough	1301	54.1
8. Measles	6706	90.6	8. Malaria	1055	43.9
9. Whooping Cough	5236	70.7	9. Dysentery (All Forms)	556	23.2
10. Cancer	2591	35.0	10. Measles	527	21.9

* - per 100,000 population

** - Except Ulcerative Colitis

PHILIPPINES
TABLE 13 - MORBIDITY: LEADING CAUSES BY REGION; NUMBER AND RATE* 1960

R E G I O N V			R E G I O N VI		
Diseases	No.	Rate	Diseases	No.	Rate
1. Bronchitis	22332	687.4	1. Bronchitis	36903	794.3
2. Tuberculosis	14975	460.9	2. Gastro-enteritis and Colitis**	32127	691.5
3. Gastro-enteritis and Colitis**	14168	436.1	3. Tuberculosis	19537	420.6
4. Influenza	13379	411.8	4. Influenza	17104	366.2
5. Pneumonias	5737	176.6	5. Beriberi	10734	231.0
6. Whooping Cough	3707	114.1	6. Pneumonias	10329	222.3
7. Beriberi	3361	103.4	7. Dysentery (All Forms)	4173	89.8
8. Dysentery (All Forms)	1835	56.5	8. Whooping Cough	3197	68.8
9. Measles	1742	53.6	9. Measles	2047	44.1
10. Malaria	759	23.4	10. Schistosomiasis	1140	24.5

R E G I O N VII			R E G I O N VIII		
Diseases	No.	Rate	Diseases	No.	Rate
1. Influenza	26133	1069.5	1. Bronchitis	32111	970.0
2. Bronchitis	19470	796.8	2. Gastro-enteritis and Colitis**	21056	636.1
3. Gastro-enteritis and Colitis**	17924	733.5	3. Influenza	20316	613.7
4. Tuberculosis	7947	325.3	4. Malaria	12494	377.4
5. Malaria	6686	273.6	5. Tuberculosis	9331	281.9
6. Beriberi	4652	190.4	6. Beriberi	5009	151.3
7. Pneumonias	4031	165.0	7. Pneumonias	4991	150.8
8. Measles	3210	131.4	8. Whooping Cough	3957	119.5
9. Whooping Cough	2067	84.6	9. Dysentery (All Forms)	3610	109.1
10. Varicella	988	40.6	10. Measles	2157	65.2

* - per 100,000 population

** - Except Ulcerative Colitis

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PHILIPPINES

TABLE 1A - MORBIDITY: LEADING CAUSES, NUMBER AND RATE,
5-YR. AVE. (1955-1959) & 1960

P L A C E	DISEASES	5-YR. AVE. (1955-1959)		1 9 6 0	
		No.	Rate	No.	Rate
500-502	Bronchitis	222,722	879.6	273,791	855.9
571-572 764	Gastro-Enteritis & Colitis**	173,231	684.1	196,992	709.0
480-483	Influenza	345,058	1,362.7	175,023	630.8
001-019	Tuberculosis	103,061	407.0	106,163	382.1
490-493 763	Pneumonias	57,786	228.2	58,549	210.7
110-117	Malaria	69,321	273.8	55,252	198.9
280	Beriberi	55,350	218.6	48,410	174.2
056	Whooping Cough	18,542	73.2	23,230	83.8
085	Measles	14,053	55.5	20,255	72.9
045-048	Dysentery (All Forms)	11,019	43.5	13,894	50.0

* per 100,000 population

** Except Ulcerative Colitis

PHILIPPINES
MORBIDITY: TEN LEADING CAUSES, NUMBER & RATE 5YR. AVE.
(1955-1959) & 1960

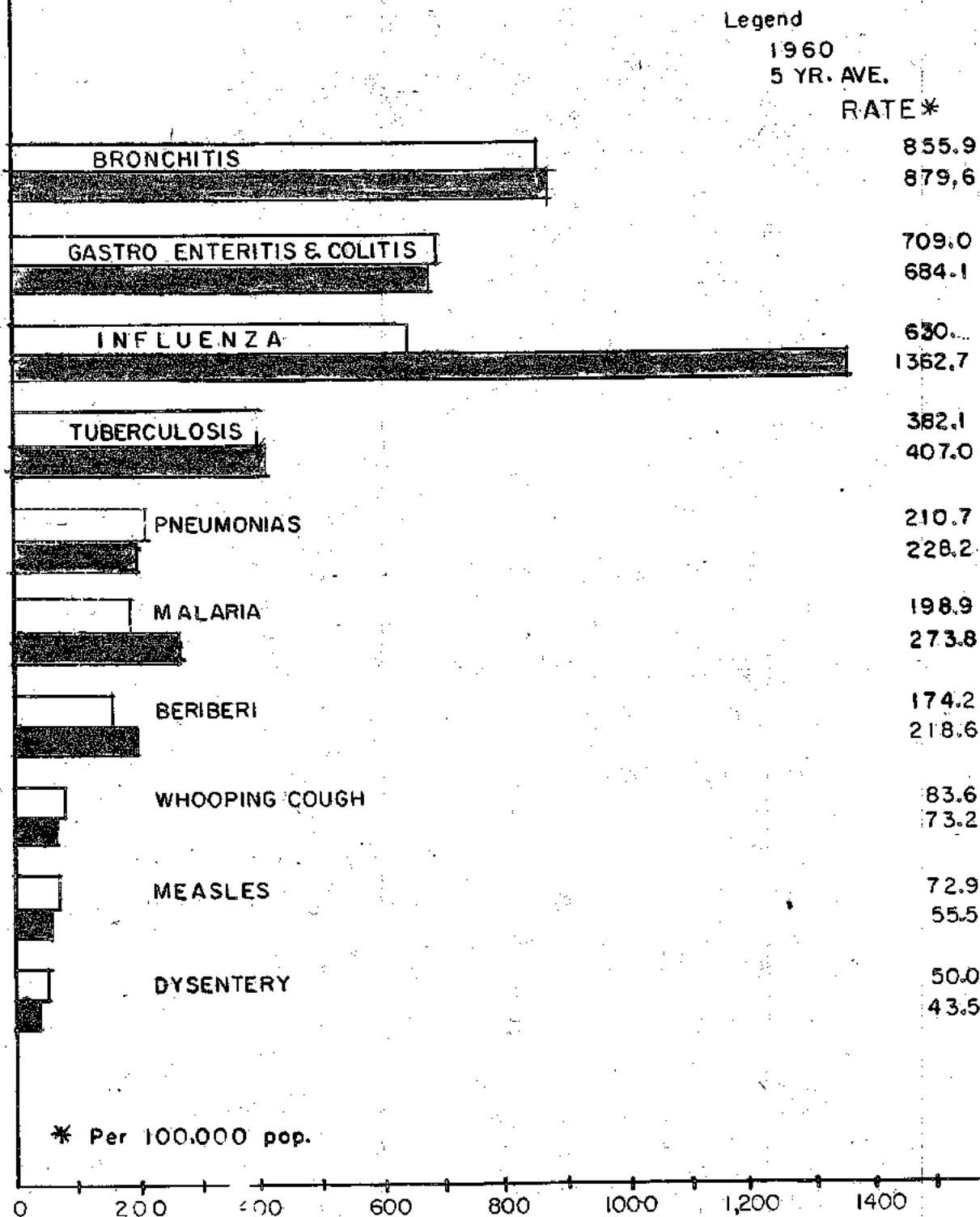


FIGURE II

MORTALITY STATISTICS

Mortality statistics discussed in this report are based on information gathered by field health personnel from Local Civil Registrars throughout the country. Such information are contained in the consolidated statistical reports from all provinces and cities submitted monthly to the Disease Intelligence Center.

In 1960 there were 212,688 deaths representing a crude death rate of 7.7 per 1000 population with rates of 8.3 and 7.0 for males and females respectively. These rates are the second lowest experienced by the country and were close to one-half the level of mortality before World War II. The rates for males and females were practically the same as those of the previous year. Table I and Figure 3 show that the crude death rate had a general downward trend since 1926.

Age specific death rates per 1000 population in 1960 for both sexes are shown in Figure 12. The characteristics of the curves are similar for both sexes with high rates in infancy followed successively by lower rates until the minimum level is reached during childhood, then rising rates for each successive age group to reach a peak in the age group 85 and over. For both sexes the rate in infancy is 86.5; the lowest level was in the ages 15-19 (1.2) and the peak rate of 279.2 was in the ages 85 years and over. The mortality curves are in general higher for males than for females. The exception to this pattern is in the higher age groups where the rates for females are higher.

The ten leading causes of deaths in 1960 constituted 60.3% of all total deaths. Seven of them were communicable diseases, 5 of which occupy the top 5 positions and the rest were degenerative diseases. The first three leading causes are Pneumonias with a rate of 100.4 per 100,000 population, representing 13.2% of all deaths; Tuberculosis with a rate of 92.1 or 12.0% of all deaths; Gastro-enteritis and Colitis with a death rate of 60.5, comprising 7.9% of total deaths. The three degenerative diseases were Cardio-vascular diseases (48.2), Cancer (17.9), Accidents (14.6), representing 6.3%, 2.3% and 1.9% of all total deaths respectively.

Infant deaths still represent a sizeable proportion of the total annual loss thru death. In 1960 there were 59,301 infants who died before reaching the age of one year representing an infant mortality rate of 73.1 per 1000 livebirths. This is the second lowest rate since 1926 (Table I and Figure 3). The leading cause of death among infants was Beriberi with an infant mortality rate of 12.6 per 1000 live births. Among the ten leading causes of infant deaths, four are communicable diseases and the leading non-communicable causes of deaths are the ill-defined Causes and Immaturity.

For the past five years, 1955 to 1959, the average mortality rate for the Pneumonias was 112.4; Tuberculosis rate was 95.5; and Gastro-enteritis and Colitis rate was 64.2. Cardio-vascular diseases had a

rate of 35.2; Accidents rate was 18.9 and Cancer rate was 14.2. It is noted therefore, that death rates from communicable diseases are on the declining trend while the degenerative diseases death rates present a rising pattern.

Maternal Mortality rate in 1960 was 2.4 per 1000 live births. This rate was lower than the previous year (2.6) representing 7.7% decrease. The number of deaths resulting from pregnancy, childbirth and puerperium represented 0.01% of all total deaths. Among the leading causes of maternal mortality, Hemorrhages of Pregnancy, Childbirth and Puerperium (1139) took the highest toll with a specific rate of 1.1 per 1000 live births.

Causes of Deaths, 1951-1960:

Table 12 shows death rates for selective causes of deaths since 1951 with the corresponding rates for 1951 to 1960. During the past decade most of the year to year changes for causes shown have been slight although many have tended consistently either to rise or to fall. Death rates for diseases that respond to the new or increased use of drugs and those that are preventable by immunizations have continued to decline, while rates for some of the chronic diseases associated with aging have remain almost level, or even increased slightly.

The death rates for Tuberculosis of all forms drop from 152.3 per 1000 population in 1951 to 92.1 in 1960. Mortality from this diseases has been curtailed in every aged group during this decade. Death rates from the Pneumonias have shown a definite declining trend during this period. In 1951 it was 131.1 in contrast with 100.4 in 1960. Bronchitis death rates also showed a declining trend. During the decade it went down from 181.5 to 57.2.

Along with typhoid and paratyphoid fevers and the dysenteries, gastro-enteritis and colitis deaths were greatly reduced.

Almost all the viral diseases followed a declining pattern of death rates. On the other hand, Neoplasms in 1951 had a rate of 9.5 per 100,000 population as compared with a rate of 17.9 in 1960 while cardio-vascular diseases presented a rate of 20.4 in 1951 and 48.2 in 1960. These two groups of degenerative diseases therefore, practically tripled their rates in a period of ten years.

Of the ten leading causes of deaths in 1951 most of them are still among the leading causes of deaths in 1960. A very interesting observation however, is that cardio-vascular diseases and cancer were not among the ten leading causes of deaths in 1951 but in 1960 both diseases rank as sixth and seventh leading causes respectively. Thus, it may be safe to assume that the country is experiencing the beginning of a shift from communicable disease to degenerative diseases as the leading causes of mortality.

General Mortality Trends:

Crude death rates from 1926 is shown in Table I and Figure 3. In this period the crude death rate decreased from 19.5 per 1000 Population in 1926 to the second all time low of 7.7 in 1960. This represents a decrease of 60.5% over a span of almost 34 years. The decline has been fairly continuous although World War II separates two periods of changes in the crude death rates. Before the war the downward trend was characterized by slow irregular downward movement thru 1940. From 1926 (19.48) the rate gradually declined so that in 1928 it was 18.76; then it showed a slight rise so that in 1930 it was 18.62. From this point the rate began to decline up to 1932 only to rise again so that in 1935 it was 17.14. In 1936 rate was 15.64 and from 1937 to 1940 it levelled off to 16 per 1000 population.

During the war years no vital data were gathered. Soon after the war (1946) the rate was 15.08 and which continuously declined up to 1960. It is observed therefore, that the crude death rate in the country for the past two and a half decades showed a general declining trend without any appreciable peak but with a slight trough (1937 to 1940).

Crude Death Rates by Location:

Among the eight (8) health regions in the country, Region V registered the highest crude death rate (9.8) per 1000 population, while Region VII presented the lowest rate (3.7). Among the provinces, the highest death rate (11.8) was in the province of Cagayan and the lowest (1.2) was in the province of Sulu. Among the cities, the city of Tacloban presented the highest rate (23.7) while the city of Marawi presented the lowest rate (1.3). 58.9% of all provinces presented the crude death rate higher than the death rate for the whole country, while 41.1% presented a lower rate 23 cities or 65.7% have a rate higher than the national rate and 12 cities or 34.3% gave a lower rate.

Mortality by Age:

The differences in mortality may be seen more clearly in the death rates by age than in the crude rates. Estimated population by age and sex have been designed to meet special request; and death rates for these age groups are shown in Table 15. Specific death rate for the group under 1 year of age is 66.5 per 1000 population. The rate for age 1-4 is 13.9; for the ages 5-19 years, it is considerably lower; and for successive age groups the rate increased continuously until at ages 85 years and over the rate is highest, 279.2.

Infant Mortality:

In 1960 there were 59,301 deaths of infants under 1 year of age, representing an infant mortality rate of 73.1 per 1000 live births, compared with rate of 72.4 in 1959 and 62.7 for the past 5 years average (1955-59). The rate for males was 42.0 per 1000 live births compared with 31.1 for

females showing sex ratio of 1 male infant death to 0.74 female infant death. As shown in Table 23, rates in every age group for males exceeded those for females. For males, the excess mortality compared with females is 14.9%. Slight sex differential appears in the rates per 1000 live births from 5 to 11 months (12.1 for males and 9.8 for females). The death rate for the first 4 weeks is 35.0. It is observed that the rates are about 40% higher for the males than for the females in the first 6 days of life and about the same in the 7-13 days and also from the 3rd month through the balance of the year. There is no consistent pattern of the differences in rates.

Infant Mortality Rate by Cause of Death:

Table 1 shows that from 1926 to 1960 there was a tremendous decrease in the infant mortality rate. The great decline was achieved through control of respiratory, enteric and communicable diseases, and more recently through improved pre-natal and natal care. Infant mortality rate in 1926 was 156.7 and 73.1 in 1960, representing a decrease of 53.4% in three and one half decades.

Table 25 shows that the leading cause of deaths among infants was Beriberi with the rate of 12.6 per 1000 live births and representing 17.2% of all infants who died before reaching the age of one year. The Pneumonias was second leading cause of death with the rate of 12.1 representing 16.0% of all infant deaths. Ill-defined diseases occupied third place with the rate of 11.0 or 15.0% of all infant deaths; Bronchitis ranked fourth with the rate of 9.0 or 12.3%; Gastro-enteritis with the rate of 8.1 or 11.1% ranked fifth. The rest of the leading causes of deaths were non-infectious except Tetanus which was the 8th leading cause of death with the rate of 2.4 or 3.3% of all infant deaths. Congenital malformation was the 10th leading cause of deaths with the rate of 1.0 or 1.3%.

It may be stated that while Beriberi is the leading cause of deaths there is strong evidence that because of faulty medical certification of deaths, deaths that were certified as Beriberi maybe deaths from some other causes and that it is safe to assume that Beriberi should not be the leading cause of death among infants.

Infant Mortality By Age:

Deaths under 28 days constituted 47.9% of all deaths, while deaths from 28 days to under one year comprised 52.1%. Among the neonatal deaths, those of the age group 1-6 days comprised the biggest portion represented by 44.1%. Those under 1 day deaths comprised 23.3%. Among the infant deaths occurring after the first month of life, deaths during the 28-58 days of life presented the greatest, representing 7.5% of all deaths, and deaths occurring during the 11th and 12th months presented the lowest number with 3.7% each. Deaths under 28 days had a rate of 35.0 per 1000 live births while death rate after the 28 days of life was 38.0.

Trend of Infant Mortality:

Table 1 shows the number and rate for deaths under 1 year of age for 1926 to 1960. In 1926 the infant mortality rate was 156.71 per 1000 live births, while in 1960 it was 73.1. The tremendous decrease represented 53.4%. The decline has been fairly continuous although it was characterized by minor irregularities. Figure 3 shows that World War II divides the trend into two periods of changes in the infant mortality rates. Before the war, the decline was slower and was marked with irregular downward pattern. From 156.71 in 1926 the rate gradually and continuously decreased for three years so that in 1928 it was 150.08. The next year (1929) it suddenly increased to 161.63 and continued up to 1930 when the rate was 165.00. In 1931 and 1932 the rate continuously declined to 145.76. However, the downward trend was interrupted the following year, 1933, when the rate rose to 160.83 which was the all time highest rate. For the next two years, the rate continuously went down so that in 1936 it was 133.98, the lowest rate during the period before the war. This decline did not continue up to the start of the war because the rate increased from 137.25 in 1937 to 146.20 in 1939. However, in 1940 the rate was 135.76 which was the second lowest before the war. The only interruption to this pattern were the rates in 1948, 1951 and 1953, otherwise the trend would have been a smooth downward curve.

Infant Mortality by Location:

Differences in infant mortality rate between regions and provinces in any year, or any trend of infant mortality are related to many factors which may vary in their forces from place to place. Such factors may have differences in age distribution of births by month, and the birth order as well as many extra family environmental factors which influence infant mortality. Table 29 shows that among the health regions, Region 2 has the highest infant mortality rate, 101.6 per 1000 live births, while Region 3 has the lowest infant mortality rate, 64.9. Among the provinces, Capiz had the highest infant mortality rate (116.6), while Palawan (31.0) had the lowest. Among the cities, the city of Davao (49.2) had the lowest infant mortality rate. The average infant mortality rate among the provinces and cities were 78.7 and 73.6 respectively. 44.6% of all provinces had an infant mortality rate lower than the national figure (73.1) and 40.0% of all cities have an infant mortality rate lower than that for the whole country.

Maternal Mortality:

Maternal deaths arising from pregnancy, childbirth and the puerperium number 1981 in 1960 or a maternal mortality rate of 2.4 per 1000 live births. This maternal mortality rate was lower than in 1959 (2.6) and the average for the past five years (2.9).

Trend of Maternal Mortality:

From 1930 to 1960 the maternal mortality rates showed a definite

downward trend. In 1930 it was 7.8 (Table I) and in 1960 it was 2.4 showing a 69.2% decrease. Before World War II, the decreasing trend was more smooth than after the war. In 1947 the rate was 4.2 and continued to decline until in 1950 it was 3.7. However, in 1951 it rose to 4.2. From 1952 (3.9) the rate continued to decrease until it reached an all time low in 1960.

Maternal Mortality by Cause:

The major causes of maternal mortality in 1960 were hemorrhages of pregnancy, childbirth and puerperium and toxemias of pregnancy and the puerperium with the rate (per 1000 live births) of 1.40 and 0.39 respectively. Other major causes were sepsis of pregnancy, childbirth and puerperium (0.17); abortions (0.09), and other complications (0.38).

Maternal Mortality by Age:

The greatest number of deaths from maternal causes in 1960 was accounted in the age group 30-34 years (454) which accounted for 22.9% of all maternal deaths, while the least number of death was in the age group 45-49 years (82) representing 4.1% of the total maternal mortality. Age specific death rates (per 100,000 pop.) were 45.7 and 13.6 respectively.

Foetal Mortality:

In 1960 there were 10,262 registered foetal deaths with foetal death rate of 12.66 per 1000 live births. Table 35 shows that the major causes of foetal deaths were diseases of foetus and ill-defined causes (7,985), and placental and cord conditions (908), representing foetal death rates of 9.85 and 1.12 respectively. Absorption of toxic substances from mother caused the least number of foetal deaths (4) with a rate of 0.005.

Among the foetal deaths 5,290 were medically attended, representing 51.5%; 3,115 or 30.4% were not medically attended, and 1,857 or 18.1% were reported without any statement regarding medical attendance (Table 36).

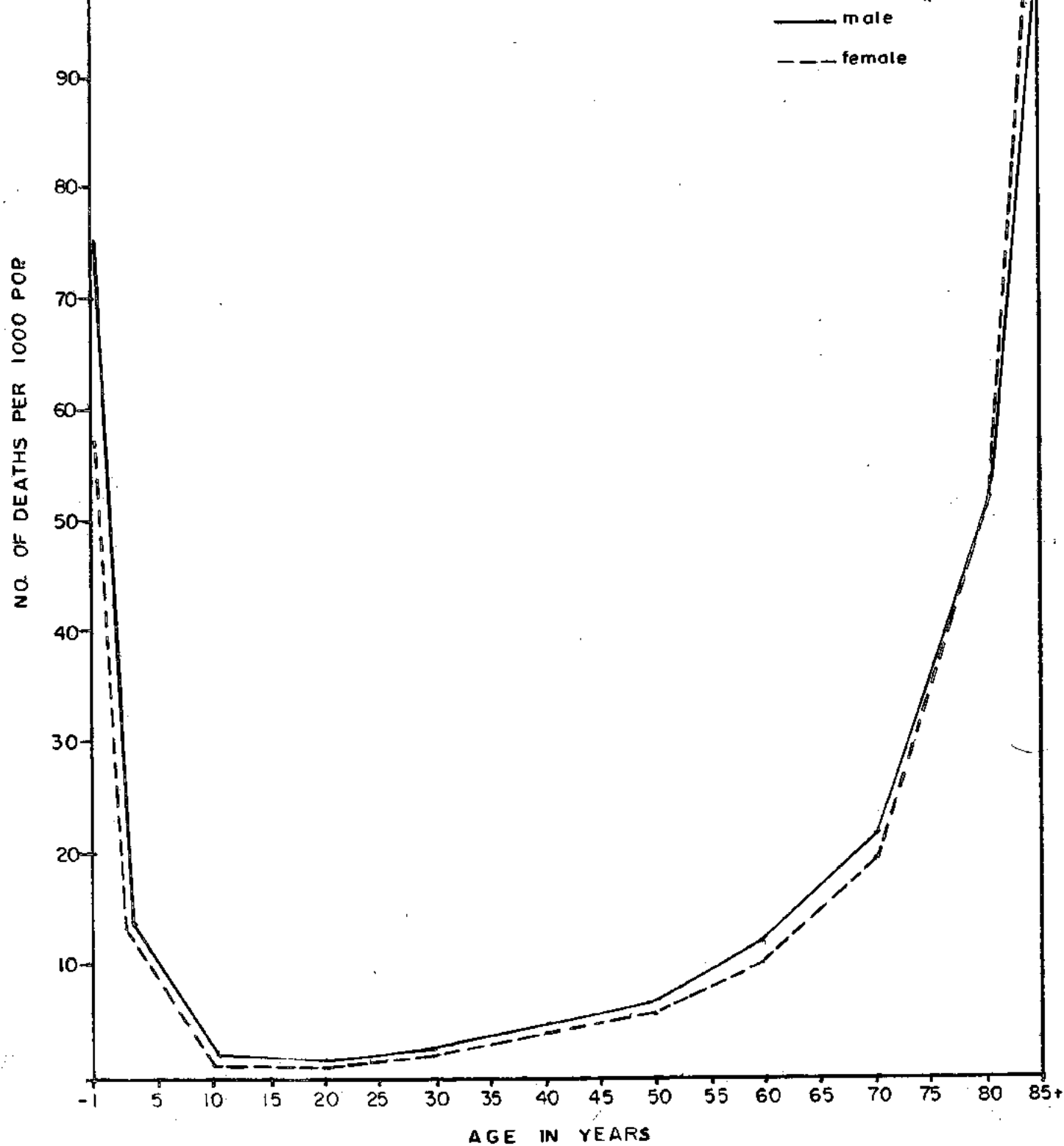
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M a n i l a

PHILIPPINES
TABLE 13 - TOTAL MORTALITY BY AGE AND SEX AND AGE SPECIFIC DEATH
RATE AND PERCENT AGE DISTRIBUTION, 1950

AGE GROUPS (Years)	TOTAL	MALE	FEMALE	AGE SPE- CIFIC DEATH RATE	PERCENT AGE DIS- TRIBUTION
Under 1 year	59,391	34,067	25,234	66.5	27.9
1 - 4	39,175	20,913	18,262	13.9	18.5
5 - 9	9,086	5,139	3,947	3.2	4.3
10 - 14	4,129	2,428	1,701	1.4	1.9
15 - 19	4,072	2,370	1,702	1.2	1.9
20 - 24	5,301	3,006	2,295	1.8	2.6
25 - 29	5,595	2,996	2,599	2.2	2.6
30 - 34	5,615	2,864	2,751	2.9	2.6
35 - 39	6,221	3,093	3,128	3.5	2.9
40 - 44	5,823	3,116	2,707	4.8	2.7
45 - 49	6,727	3,690	3,047	5.6	3.2
50 - 54	6,228	3,508	2,720	7.4	2.9
55 - 59	6,261	3,420	2,841	8.8	2.9
60 - 64	7,095	3,986	3,129	16.0	3.3
65 - 69	6,504	3,000	2,504	16.4	2.6
70 - 74	7,615	3,931	3,684	25.6	3.6
75 - 79	6,082	3,201	2,881	38.1	2.8
80 - 84	7,464	3,708	3,756	70.7	3.5
85 & Over	15,514	7,074	8,440	279.2	7.3
T O T A L	212,688	115,500	97,188		100.0

PHILIPPINES
MORTALITY: AGE AND SEX DISTRIBUTION
1960



Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
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PHILIPPINES

TABLE 16 - TOTAL MORTALITY BY AGE AND SEX FOR THE PHILIPPINES & EACH REGION, 1960

AGE GROUPS (Years)	PHILIPPINES		REGION I		REGION II		REGION III	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	34,067	25,234	4,474	3,293	2,414	1,820	10,338	7,317
1 - 4	20,913	18,262	2,368	2,029	1,103	969	5,213	4,577
5 - 9	5,139	3,947	526	390	277	199	1,137	905
10 - 14	2,428	1,701	294	202	137	76	610	465
15 - 19	2,370	1,702	281	183	113	78	580	437
20 - 24	3,006	2,295	333	237	165	135	830	600
25 - 29	2,996	2,509	302	272	188	116	784	657
30 - 34	2,864	2,751	316	325	141	127	802	725
35 - 39	3,093	3,128	397	399	172	163	825	780
40 - 44	3,116	2,707	405	354	158	139	921	763
45 - 49	3,690	3,047	463	443	184	145	1,069	804
50 - 54	3,508	2,730	467	401	200	123	1,051	801
55 - 59	3,430	2,831	472	413	158	106	1,043	821
60 - 64	3,966	3,129	458	403	194	101	1,166	851
65 - 69	3,000	2,504	414	305	104	81	955	820
70 - 74	3,931	3,684	508	542	149	129	1,282	1,097
75 - 79	3,201	2,831	527	513	113	87	1,021	935
80 - 84	3,708	3,756	585	620	153	136	1,115	1,130
85 - 89	2,439	2,597	449	503	98	71	731	870
90 - 94	1,800	2,268	342	351	59	68	505	784
95 & Over	2,835	3,575	527	662	180	163	700	1,066
TOTAL	115,500	97,188	14,908	12,842	6,460	5,032	32,684	27,205

P H I L I P P I N E S
TABLE 16 - TOTAL MORTALITY BY AGE AND SEX FOR THE PHILIPPINES & EACH REGION, 1960

AGE GROUPS (Years)	REGION IV		REGION V		REGION VI		REGION VII		REGION VIII	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	2,419	2,017	3,515	2,709	6,356	4,695	1,584	1,152	2,967	2,231
1 - 4	2,249	2,156	2,326	1,961	4,715	4,079	966	882	1,973	1,609
5 - 9	518	428	567	448	1,323	984	238	182	553	411
10 - 14	261	212	239	186	532	340	130	83	225	137
15 - 19	256	198	257	182	541	374	112	81	230	169
20 - 24	277	239	343	255	596	481	168	122	288	226
25 - 29	256	287	394	261	597	551	175	116	300	249
30 - 34	286	292	335	322	596	627	129	123	259	210
35 - 39	271	308	379	424	613	638	169	127	267	289
40 - 44	271	263	329	334	597	531	144	93	291	230
45 - 49	335	285	460	452	700	589	169	119	310	210
50 - 54	291	238	433	320	668	577	130	97	268	173
55 - 59	276	258	380	339	678	621	147	99	276	174
60 - 64	332	259	500	425	895	756	149	117	272	217
65 - 69	284	219	335	327	635	571	118	72	155	109
70 - 74	332	300	500	457	825	854	112	113	223	192
75 - 79	304	278	412	336	573	480	93	77	158	125
80 - 84	323	312	500	549	747	762	108	97	177	150
85 - 89	281	269	340	313	374	408	63	61	103	100
90 - 94	187	225	287	318	291	378	47	61	82	83
95 & Over	264	315	437	528	480	618	83	61	164	162
TOTAL	10,273	9,358	13,268	11,446	23,332	19,914	5,034	3,935	9,541	7,456

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 17 - TOTAL MORTALITY BY MONTH AND SEX FOR THE PHILIPPINES AND EACH REGION, 1960

M O N T H	PHILIPPINES		Region I		Region II		Region III		Region IV	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
JANUARY	9,296	7,824	1,182	1,011	561	401	2,540	2,165	940	787
FEBRUARY	8,943	7,356	1,131	934	508	389	2,427	2,038	828	785
MARCH	9,133	7,744	1,122	976	500	365	2,514	2,159	841	781
APRIL	8,640	7,206	1,104	900	435	368	2,521	1,970	759	703
MAY	9,497	8,118	1,289	1,057	475	372	2,735	2,441	851	783
JUNE	9,855	8,150	1,347	1,122	492	455	2,844	2,342	855	758
JULY	10,588	8,952	1,317	1,198	558	426	2,882	2,521	906	884
AUGUST	10,281	8,784	1,380	1,184	578	426	2,997	2,460	870	799
SEPTEMBER	9,495	7,906	1,282	1,124	514	413	2,764	2,187	801	716
OCTOBER	9,970	8,535	1,297	1,086	625	489	2,807	2,411	853	762
NOVEMBER	9,666	8,027	1,139	1,089	585	477	2,735	2,149	836	744
DECEMBER	10,136	8,586	1,318	1,161	628	451	2,918	2,362	937	852
T O T A L	115,500	97,188	14,908	12,842	6,460	5,032	32,684	27,205	10,273	9,358

P H I L I P P I N E S

TABLE 17 - TOTAL MORTALITY BY MONTH AND SEX FOR THE PHILIPPINES AND EACH REGION, 1960

M O N T H	Region V		Region VI		Region VII		Region VIII	
	Male	Female	Male	Female	Male	Female	Male	Female
JANUARY	1,081	958	1,823	1,581	436	343	733	578
FEBRUARY	1,037	813	1,867	1,524	385	287	760	586
MARCH	1,024	924	1,885	1,624	417	308	830	607
APRIL	1,039	877	1,645	1,466	396	341	741	581
MAY	1,064	952	1,898	1,602	379	314	806	597
JUNE	1,190	962	1,944	1,600	400	310	783	601
JULY	1,258	1,080	2,311	1,804	442	340	914	699
AUGUST	1,146	1,045	2,016	1,777	446	347	847	746
SEPTEMBER	1,069	914	1,887	1,635	415	321	763	596
OCTOBER	1,191	1,046	1,989	1,735	433	348	775	658
NOVEMBER	1,085	884	2,029	1,801	437	313	820	566
DECEMBER	1,084	991	2,038	1,765	448	363	769	641
T O T A L	13,268	11,446	23,332	19,914	5,034	3,935	9,541	7,456

PHILIPPINES

LEADING CAUSES OF DEATHS; PERCENTAGE DISTRIBUTION 1960

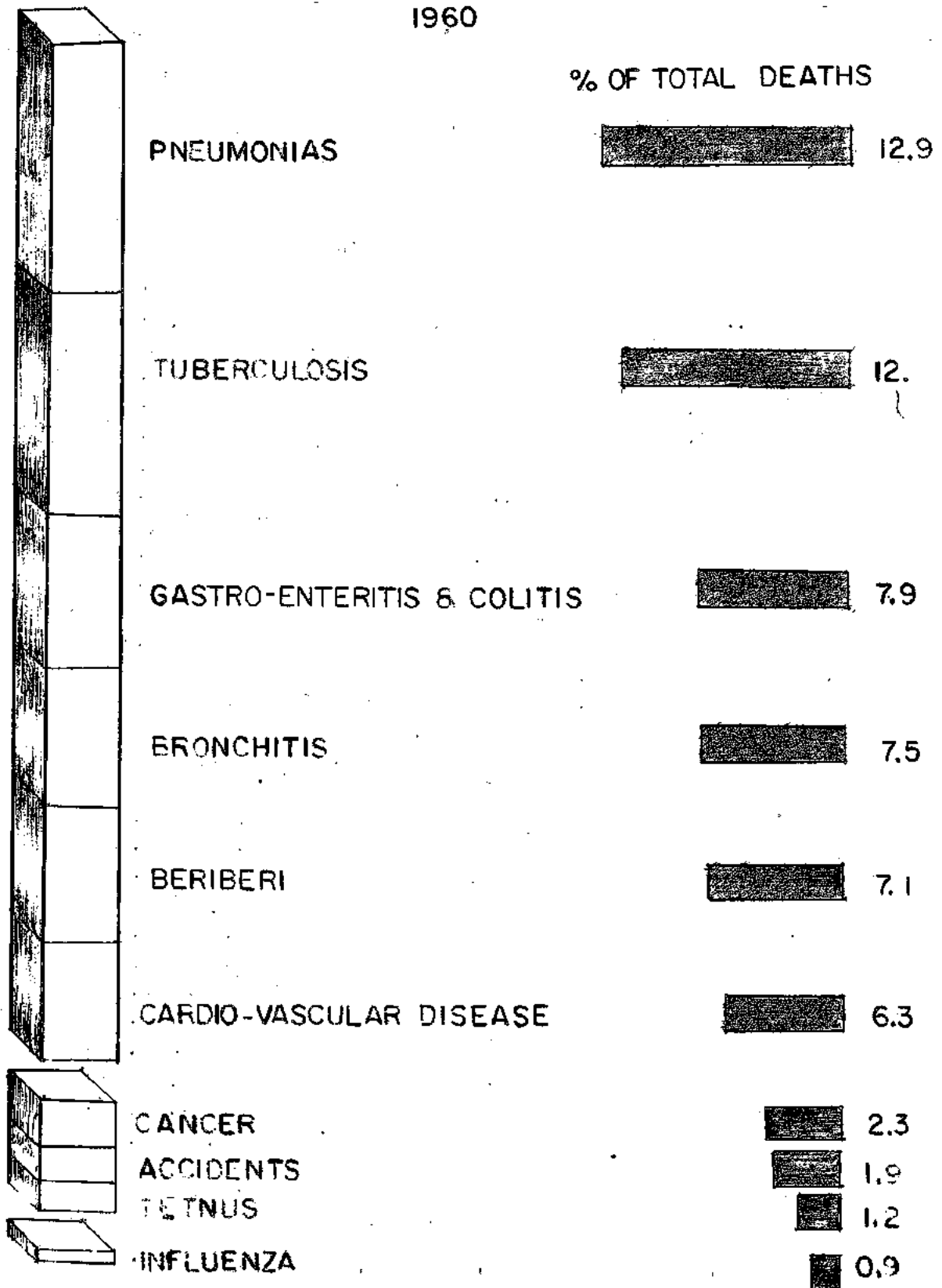


FIGURE 13

Republic of the Philippines
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Manila

PHILIPPINES

TABLE 18 - MORTALITY: LEADING CAUSES: NUMBER & SPECIFIC RATE AND PERCENT OF TOTAL DEATHS
5-YEAR AVE. (1955-1959) AND 1960

INTERNATIONAL LIST NO.	CAUSES	5-YEAR AVE. (1955-1959)			1960		
		Number	Rate***	Percent of Total deaths	Number	Rate***	Percent of Total deaths
490 - 493; 763	1. PNEUMONIAS	28,470	112.4	13.1	27,902	100.4	13.1
001 - 008; 010 - 019	2. TUBERCULOSIS (ALL FORMS)	24,275	95.9	11.1	25,592	92.1	12.0
571 - 572; 764	3. GASTRO-ENTERITIS AND COLITIS**	16,260	64.2	7.5	16,819	60.5	7.9
500 - 502	4. BRONCHITIS	17,893	70.7	8.2	15,892	57.2	7.5
280	5. BERIBERI	19,592	77.4	9.0	15,112	54.4	7.1
330 - 334 400 - 468	6. CARDIOVASCULAR DISEASES	8,903	35.2	4.1	13,400	48.2	6.3
140 - 205	7. CANCER	3,604	14.2	1.7	4,982	17.9	2.2
E800 - E965	8. ACCIDENTS	4,569*	18.0	2.1	4,056	14.6	1.9
061	9. TETANUS	2,072	8.2	1.0	2,598	9.4	1.2
480 - 483	10. INFLUENZA	3,450	13.6	1.58	1,960	7.1	0.9

*** - per 100,000 population

** - Except ulcerative colitis

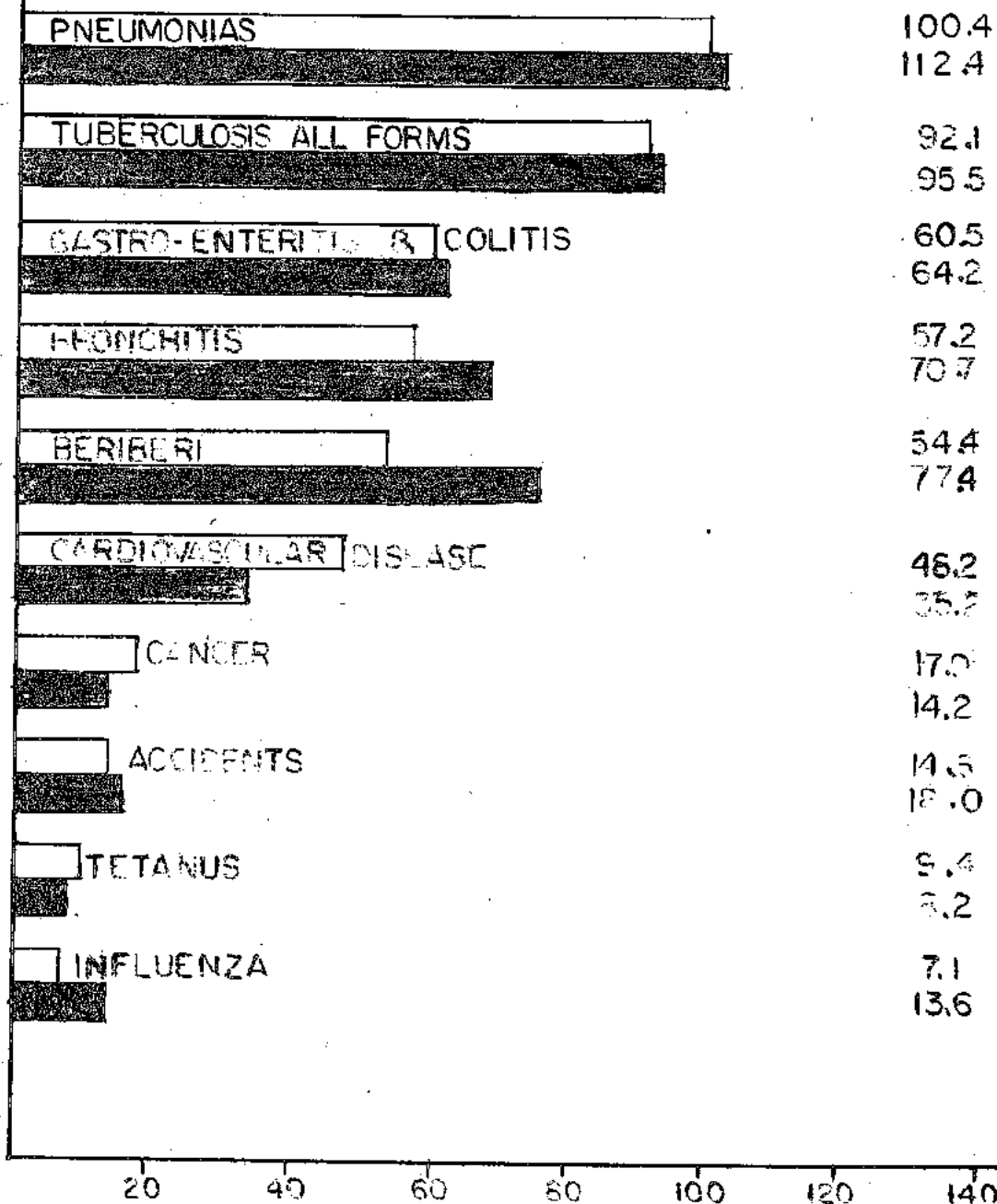
* - 4-year ave.

PHILIPPINES
MORTALITY: TEN (10) LEADING CAUSES
5-YR. AVERAGE (1955-1959) & 1960

LEGEND:

□ 1960

■ 5YR. AVE.



NO. OF DEATHS PER 100,000 FOR
FIGURE 14

Republic of the Philippines
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PHILIPPINES

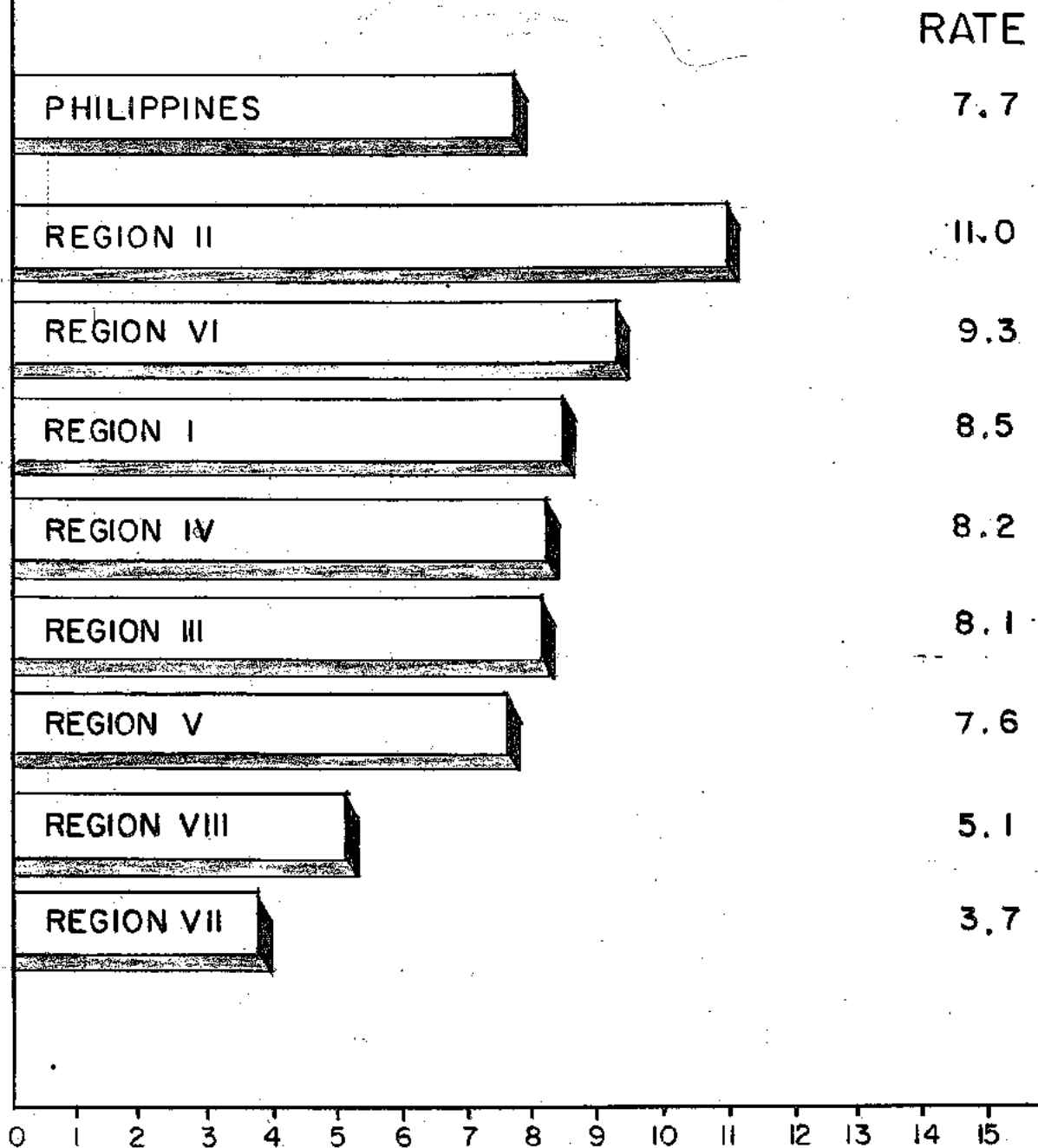
TABLE 19 - MORTALITY: LEADING CAUSES BY AGE & SEX AND PERCENT OF TOTAL DEATHS, 1960

CAUSES	TOTAL	Percent of total deaths	Under 1 year		1 - 9		10 - 19		20 - 29	
			Male	Female	Male	Female	Male	Female	Male	Female
PNEUMONIAS	27,902	13.12	5,504	4,242	6,849	6,171	679	487	425	356
TUBERCULOSIS (ALL FORMS)	25,592	12.03	127	96	636	605	529	460	1,499	1,350
GASTROENTERITIS & COLITIS	16,819	7.91	3,768	2,785	4,994	4,005	294	191	71	80
BRONCHITIS	15,892	7.47	4,048	3,157	4,300	3,721	194	149	51	43
BERIBERI	15,112	7.11	5,777	4,224	823	651	104	87	154	187
CARDIO-VASCULAR DISEASES	13,400	6.30	101	58	274	232	362	289	511	399
CANCER	4,982	2.34	16	10	91	72	79	85	115	128
ACCIDENTS	4,056	1.91	53	51	706	386	478	215	610	135
TETANUS	2,598	1.22	1,095	823	178	89	104	33	47	21
INFLUENZA	1,960	0.92	169	119	440	399	107	97	75	52

P H I L I P P I N E S
TABLE 19 - MORTALITY: LEADING CAUSES BY AGE & SEX AND PERCENT OF TOTAL DEATHS, 1960

C A U S E S	30 - 39		40 - 49		50 - 59		60 - 69		70 & Over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PNEUMONIAS	361	324	336	286	324	275	295	257	381	350
TUBERCULOSIS (ALL FORMS)	1,858	2,029	2,349	2,321	2,210	2,081	1,991	1,810	1,972	1,669
GASTRO - ENTERITIS & COLITIS	69	47	77	39	58	46	92	50	78	75
BRONCHITIS	23	21	23	16	24	20	22	24	33	23
BERLETT	157	225	298	247	297	240	386	367	491	457
CARDIO-VASCULAR DISEASES	590	565	860	660	1,244	819	1,370	951	2,160	1,955
CANCER	221	269	409	496	505	550	516	481	509	430
ACCIDENTS	447	93	269	64	162	66	109	45	113	54
TETANUS	40	16	38	18	29	16	23	13	7	8
INFLUENZA	49	51	63	47	54	50	42	43	56	47

PHILIPPINES
CRUDE DEATH RATE BY REGION
1960



NUMBER OF DEATHS PER 1000 POP

FIGURE 15

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 20 - MORTALITY: LEADING CAUSES FOR EACH REGION, NUMBER &
RATE*, 1960

R E G I O N I			R E G I O N II		
Diseases	No.	Rate	Diseases	No.	Rate
1. Tuberculosis	3217	98.1	1. Beriberi	1473	140.4
2. Pneumonias	2933	89.5	2. Bronchitis	1316	125.4
3. Beriberi	2405	73.4	3. Pneumonias	1250	119.1
4. Bronchitis	1775	54.1	4. Tuberculosis	1009	96.2
5. Gastro-Enteritis & Colitis**	1700	51.9	5. Malaria	722	68.8
6. Cardio-Vascular Diseases	1646	50.2	6. Gastro-Enteritis & Colitis**	592	56.4
7. Cancer	517	15.8	7. Cardio-Vascular Diseases	414	39.5
8. Tetanus	409	12.5	8. Tetanus	122	11.6
9. Influenza	220	6.7	9. Cancer	111	10.6
10. Accidents	136	4.1	10. Accidents	32	3.0

R E G I O N III			R E G I O N IV		
Diseases	No.	Rate	Diseases	No.	Rate
1. Pneumonias	8292	112.0	1. Tuberculosis	2827	117.7
2. Tuberculosis	7507	101.4	2. Bronchitis	2465	102.6
3. Cardio-Vascular Diseases	6000	81.0	3. Pneumonias	2463	102.6
4. Gastro-Enteritis & Colitis**	4606	62.2	4. Gastro-Enteritis & Colitis**	1726	71.9
5. Beriberi	2923	39.5	5. Cardio-Vascular	1079	44.9
6. Cancer	2425	32.7	6. Beriberi	995	41.4
7. Accidents	1585	21.4	7. Accidents	355	14.8
8. Bronchitis	1471	19.9	8. Cancer	268	11.2
9. Tetanus	410	5.5	9. Tetanus	201	8.4
10. Measles	377	5.1	10. Influenza	87	3.6

* per 100,000 population
** Except Ulcerative Colitis

PHILIPPINES

TABLE 20 - MORTALITY: LEADING CAUSES FOR EACH REGION; NUMBER & RATE*, 1960

R E G I O N V			R E G I O N VI		
Diseases	No.	Rate	Diseases	No.	Rate
1. Tuberculosis	3905	120.2	1. Pneumonias	6044	130.1
2. Pneumonias	3085	95.0	2. Bronchitis	4779	102.9
3. Bronchitis	1984	61.1	3. Tuberculosis	4707	101.3
4. Cardio-Vascular Diseases	1613	49.6	4. Beriberi	3847	82.8
5. Gastro-enteritis & Colitis**	1438	44.3	5. Gastro-enteritis & Colitis**	3388	72.9
6. Beriberi	1420	43.7	6. Cardio-Vascular Diseases	1736	37.4
7. Tetanus	502	15.5	7. Cancer	850	18.3
8. Cancer	472	14.5	8. Influenza	832	17.9
9. Influenza	223	6.9	9. Accidents	745	16.0
10. Measles	191	5.9	10. Tetanus	541	11.6

R E G I O N VII			R E G I O N VIII		
Diseases	No.	Rate	Diseases	No.	Rate
1. Pneumonias	1358	55.6	1. Gastro-enteritis & Colitis**	2239	67.6
2. Gastro-enteritis & Colitis**	1130	46.2	2. Pneumonias	2032	61.4
3. Tuberculosis	985	40.3	3. Tuberculosis	1435	43.3
4. Bronchitis	840	34.4	4. Beriberi	1346	40.7
5. Beriberi	703	28.8	5. Bronchitis	1262	38.1
6. Cardio-Vascular Diseases	308	12.6	6. Cardio-Vascular Diseases	604	18.2
7. Accidents	211	8.6	7. Accidents	432	13.1
8. Tetanus	161	6.6	8. Malaria	354	10.7
9. Cancer	126	5.2	9. Tetanus	252	7.6
10. Malaria	92	3.8	10. Influenza	239	7.2

* - per 100,000 population

** - Except Ulcerative Colitis

Republic of the Philippines
Department of Health
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PHILIPPINES

TABLE 21 - TOTAL MORTALITY BY MONTH; NUMBER AND RATE* 1951-1960

MONTH	1951		1952		1953		1954		1955	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	20,222	11.4	20,010	10.9	24,722	13.1	19,373	9.9	19,054	9.4
FEBRUARY	18,221	11.3	18,248	10.6	19,676	11.5	17,193	9.7	16,967	9.3
MARCH	18,801	10.6	18,144	9.9	20,478	10.8	17,740	9.1	17,657	8.8
APRIL	18,117	10.5	17,716	10.0	19,129	10.4	17,261	9.1	16,187	8.3
MAY	18,907	10.6	19,291	10.5	19,853	10.5	17,444	8.9	17,548	8.7
JUNE	21,113	12.3	19,997	11.3	20,141	11.0	17,091	9.3	17,259	8.8
JULY	23,311	13.1	22,350	12.2	21,942	11.6	19,116	9.8	19,526	9.7
AUGUST	22,212	12.5	20,500	11.2	20,587	10.9	19,798	10.1	19,424	9.6
SEPTEMBER	19,064	11.1	18,956	10.7	18,430	10.1	18,836	10.0	17,662	9.0
OCTOBER	19,507	11.0	19,940	10.9	18,106	9.6	18,796	9.6	17,072	8.5
NOVEMBER	18,291	10.6	20,875	11.7	17,754	9.7	17,275	9.1	16,568	8.5
DECEMBER	20,151	11.3	24,993	13.6	19,170	10.1	17,727	9.1	17,874	8.9
TOTAL	237,937	11.3	241,020	11.1	239,988	10.8	217,650	9.5	212,798	9.0

* - per 100,000 population

P H I L I P P I N E S
TABLE 21 - TOTAL MORTALITY BY MONTH; NUMBER AND RATE* 1951-1960

MONTH	1956		1957		1958		1959		1960	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	17,909	8.6	20,150	9.4	18,815	8.5	17,735	7.8	17,120	7.3
FEBRUARY	16,744	8.6	17,179	8.9	15,916	8.0	14,560	7.1	16,299	7.4
MARCH	17,299	8.3	17,852	8.3	16,534	7.5	14,936	6.5	16,877	7.2
APRIL	16,758	8.3	17,225	8.3	15,691	7.3	15,141	6.8	15,846	6.9
MAY	18,526	8.9	23,305	10.9	17,863	8.1	15,347	6.7	17,615	7.3
JUNE	18,570	9.2	26,356	12.7	17,953	8.4	17,360	7.8	18,005	7.9
JULY	19,341	9.3	21,527	10.0	20,259	9.1	18,469	8.1	19,540	8.3
AUGUST	18,732	9.0	22,172	10.3	19,861	9.0	17,624	7.7	19,065	8.1
SEPTEMBER	17,996	8.9	19,611	9.4	20,076	9.4	17,235	7.8	17,401	7.6
OCTOBER	19,472	9.4	19,596	9.1	19,707	8.9	16,576	7.3	18,505	7.8
NOVEMBER	18,909	9.4	18,253	8.8	17,777	8.3	15,678	7.1	17,693	7.7
DECEMBER	19,463	9.4	18,243	8.5	17,752	8.0	16,762	7.3	18,722	7.9
TOTAL	219,719	9.0	241,469	9.5	218,186	8.4	197,423	7.3	212,688	7.7

* - per 100,000 population

PHILIPPINES CRUDE DEATH RATES BY MONTH 1951-1960

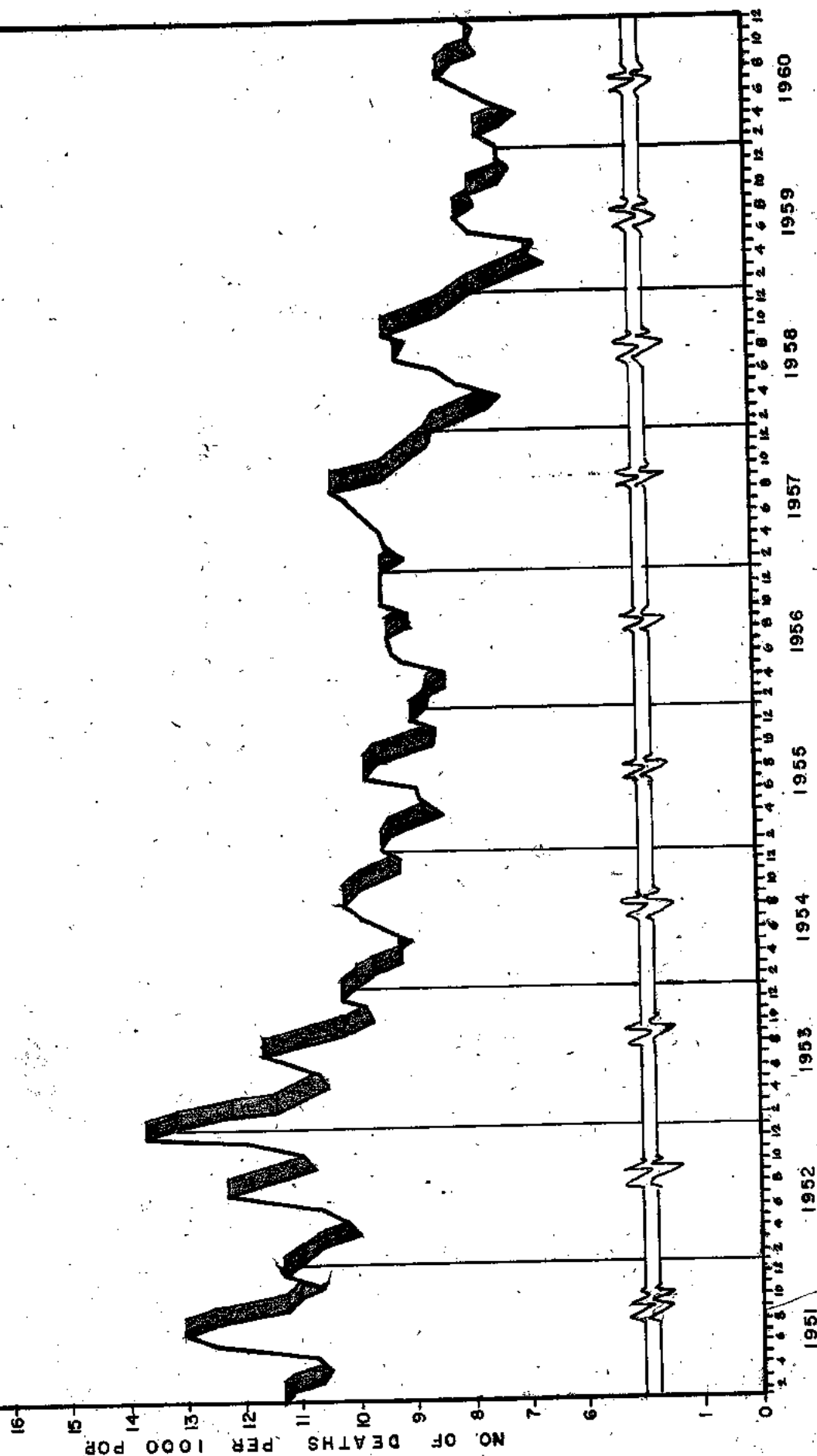


FIGURE 16

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Manila

PHILIPPINES

TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	T.B. Respiratory (001 - 008)		T.B. Other Forms (010 - 019)		Syphilis & Its Sequelae (020 - 029)		Gonococcal Infections (030 - 035)		Chancroid (036)		Typhoid & Paratyphoid Fever (040 - 041)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	55	30	72	66	3	2	1	0	0	0	3	0
1 - 4 yrs.	257	220	181	175	1	0	0	2	0	0	8	5
5 - 9 yrs.	117	127	81	83	0	0	0	0	0	0	7	2
10 - 14 yrs.	115	124	56	48	0	0	0	1	0	0	3	7
15 - 19 yrs.	321	267	37	21	1	0	0	0	0	0	4	4
20 - 24 yrs.	649	535	43	31	0	0	0	0	0	0	5	10
25 - 29 yrs.	781	748	26	36	3	1	0	0	0	0	5	2
30 - 34 yrs.	874	890	21	30	1	0	0	0	0	0	3	3
35 - 39 yrs.	934	1072	29	37	0	0	0	1	1	0	3	3
40 - 44 yrs.	1035	1048	25	11	2	0	0	0	0	0	2	1
45 - 49 yrs.	1260	1235	29	27	4	0	0	0	1	0	2	0
50 - 54 yrs.	1064	1041	31	23	0	2	0	0	1	0	2	1
55 - 59 yrs.	1086	996	29	21	1	1	0	1	0	0	0	1
60 - 64 yrs.	1180	1034	23	20	2	0	0	0	0	0	1	1
65 - 69 yrs.	774	742	14	14	0	1	0	0	0	1	0	0
70 - 74 yrs.	798	711	13	13	2	1	0	0	0	0	1	0
75 - 79 yrs.	506	388	11	3	0	0	0	0	0	0	0	0
80 - 84 yrs.	378	299	1	7	1	0	0	0	0	0	0	0
85 & Over	263	240	2	8	0	0	0	0	0	0	1	0 ^{12a}
TOTAL	12447	11747	724	674	21	8	1	5	3	1	50	40

P H I L I P P I N E S
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

A G E G R O U P S	Dysentery All Forms (045)		Food Poisoning (049)		Strep. Sore Throat (051)		Diphtheria (055)		Whooping Cough (056)		Meningococcal Infections (057)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr	13	23	1	2	0	0	52	30	49	55	21	13
1 - 4 yrs.	65	64	21	16	0	0	237	163	58	46	21	33
5 - 9 yrs.	39	23	13	7	2	1	9	12	5	12	11	7
10 - 14 yrs.	7	15	2	1	0	0	1	3	0	3	5	3
15 - 19 yrs.	5	6	2	1	0	0	0	1	0	0	0	1
20 - 24 yrs.	11	3	8	2	0	0	0	0	0	0	2	0
25 - 29 yrs.	12	5	5	1	0	0	0	0	1	1	0	1
30 - 34 yrs.	3	4	3	1	0	0	0	0	0	0	1	0
35 - 39 yrs.	8	1	4	4	0	0	0	0	0	1	1	2
40 - 44 yrs.	7	4	4	1	0	0	0	0	0	0	0	0
45 - 49 yrs.	9	3	2	2	0	1	0	0	0	0	1	1
50 - 54 yrs.	3	3	1	1	0	0	0	0	0	1	0	1
55 - 59 yrs.	5	2	0	0	1	0	0	0	0	0	0	0
60 - 64 yrs.	7	5	2	0	0	0	0	0	1	1	1	0
65 - 69 yrs.	0	4	1	0	0	0	0	0	1	0	0	0
70 - 74 yrs.	10	3	1	0	0	0	0	0	0	0	0	0
75 - 79 yrs.	0	1	0	0	0	0	0	0	0	0	0	0
80 - 84 yrs.	4	1	0	0	0	0	0	0	0	0	0	0
85 & Over	2	3	1	0	0	0	0	0	0	0	0	0
TOTAL	210	173	71	39	3	2	299	209	115	120	64	62

PHILIPPINES

TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	Leprosy (060)		Tetanus (061)		Anthrax (062)		Yaws (073)		Acute Polio-myelitis (080 - 081)		Acute Infections Encephalitis (082)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	0	0	1104	827	0	0	0	0	12	6	5	7
1 - 4 yrs.	0	0	70	49	0	0	0	0	31	14	17	19
5 - 9 yrs.	0	0	99	36	0	0	1	0	1	8	5	8
10 - 14 yrs.	0	0	75	23	0	0	0	0	2	2	6	4
15 - 19 yrs.	0	1	29	10	0	0	0	0	2	0	3	4
20 - 24 yrs.	2	0	27	11	0	0	0	0	2	1	0	4
25 - 29 yrs.	2	0	20	10	1	0	0	0	0	0	1	3
30 - 34 yrs.	0	0	14	4	0	0	0	0	0	2	1	1
35 - 39 yrs.	0	1	26	12	0	0	0	0	0	0	1	1
40 - 44 yrs.	2	1	17	10	0	0	0	0	0	0	1	0
45 - 49 yrs.	2	1	21	8	1	0	0	0	0	0	1	0
50 - 54 yrs.	1	2	15	6	0	0	0	0	0	0	1	0
55 - 59 yrs.	3	2	14	10	0	0	0	0	0	0	0	0
60 - 64 yrs.	1	0	16	7	0	0	0	0	0	0	0	2
65 - 69 yrs.	0	0	7	6	0	0	0	0	0	0	1	0
70 - 74 yrs.	1	1	2	3	0	0	0	0	0	0	1	0
75 - 79 yrs.	0	0	0	2	0	0	0	0	0	0	0	0
80 - 84 yrs.	1	0	1	2	0	0	0	0	0	0	0	0
85 & Over	0	1	4	1	0	0	0	0	0	0	0	0
TOTAL	15	10	1561	1037	2	0	1	0	50	33	44	53

PHILIPPINES

TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	Measles (085)		Varicella (087)		Mumps (089)		Infectious Hepatitis (092)		Rabies (094)		Typhus & Other Rickettsial Diseases (100 - 108)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr	122	114	0	3	3	0	41	19	1	0	0	0
1 - 4 yrs.	332	328	3	2	1	0	15	4	9	13	0	0
5 - 9 yrs.	37	48	0	3	0	0	9	4	37	10	0	0
10 - 14 yrs.	10	8	0	3	0	0	4	0	26	7	0	0
15 - 19 yrs.	3	3	0	1	0	0	6	3	15	6	0	0
20 - 24 yrs.	0	1	0	0	0	0	6	3	7	3	0	0
25 - 29 yrs.	0	0	0	0	0	0	12	2	7	3	0	0
30 - 34 yrs.	0	2	1	0	0	0	6	6	18	5	1	0
35 - 39 yrs.	3	0	1	0	0	0	7	4	10	2	0	0
40 - 44 yrs.	1	1	0	0	0	0	4	0	8	5	0	0
45 - 49 yrs.	0	0	0	0	0	0	7	0	8	4	0	0
50 - 54 yrs.	0	1	0	0	0	0	4	3	8	7	0	0
55 - 59 yrs.	0	0	0	0	0	0	5	4	6	3	1	0
60 - 64 yrs.	0	0	0	0	0	0	5	4	9	0	0	0
65 - 69 yrs.	0	1	0	0	0	0	4	1	6	6	0	0
70 - 74 yrs.	0	0	0	0	0	0	4	0	4	2	0	0
75 - 79 yrs.	0	0	0	0	0	0	1	0	3	2	0	0
80 - 84 yrs.	0	0	0	0	0	0	0	0	1	2	0	0
85 & Over	1	0	0	0	0	0	2	1	1	1	0	0
TOTAL	509	507	5	12	4	0	142	58	184	81	2	0

PHILIPPINES

TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	Malaria (110-117)		Schistosomiasis (123)		Neoplasms of Buccal Cavity & Pharynx (140-148)		Neoplasms of Digestive Organs and Peritonium (150-156)		Neoplasms of Respiratory System (160-164)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	44	27	0	0	0	0	1	2	0	2
1 - 4 yrs.	207	158	6	8	2	0	4	4	1	1
5 - 9 yrs.	103	87	7	4	0	3	3	4	0	0
10 - 14 yrs.	71	39	25	11	4	0	3	3	1	1
15 - 19 yrs.	72	39	30	18	3	1	6	6	2	1
20 - 24 yrs.	53	48	25	13	3	3	20	11	2	5
25 - 29 yrs.	56	38	22	8	5	0	32	14	2	4
30 - 34 yrs.	36	27	15	7	5	2	50	28	8	11
35 - 39 yrs.	58	38	20	13	9	10	58	36	6	9
40 - 44 yrs.	41	31	12	6	14	9	70	52	13	13
45 - 49 yrs.	38	30	13	7	17	22	130	84	27	22
50 - 54 yrs.	31	28	17	4	25	21	120	63	47	18
55 - 59 yrs.	29	23	6	6	30	16	110	86	23	19
60 - 64 yrs.	42	13	6	5	40	21	128	88	43	24
65 - 69 yrs.	19	8	3	4	38	22	198	72	34	16
70 - 74 yrs.	10	10	1	1	19	24	94	88	26	21
75 - 79 yrs.	10	6	3	1	15	6	52	30	13	19
80 - 84 yrs.	9	3	2	0	18	9	26	32	12	6
85 & Over	3	2	1	1	15	9	38	34	8	3
TOTAL	932	655	214	117	226	171	1048	707	277	195

P H I L I P P I N E S
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

A G E G R O U P S	Malignant Neoplasms Of Breast (170)		Malignant Neoplasms Of Genital Organs (171-179)		Malignant Neoplasms Of Urinary Organs (180-181)		Malignant Neoplasms Of Other Sites (190-191)		Leukemia & Aleukemia (204)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	0	0	1	0	0	0	3	3	11	1
1 - 4 yrs.	0	0	0	0	2	1	16	10	21	23
5 - 9 yrs.	0	0	0	0	1	0	18	5	18	17
10 - 14 yrs.	0	2	1	2	1	0	11	9	12	22
15 - 19 yrs.	0	3	0	8	0	0	15	11	16	11
20 - 24 yrs.	0	2	2	12	0	0	14	13	3	8
25 - 29 yrs.	1	11	2	17	1	2	17	16	10	9
30 - 34 yrs.	0	16	3	21	3	0	18	21	10	6
35 - 39 yrs.	1	33	4	36	6	4	26	23	3	7
40 - 44 yrs.	2	36	4	30	4	6	43	36	5	7
45 - 49 yrs.	3	48	6	63	2	3	53	49	6	12
50 - 54 yrs.	1	48	3	63	4	5	50	60	6	3
55 - 59 yrs.	1	40	6	45	6	9	53	49	7	5
60 - 64 yrs.	1	27	10	36	9	6	64	54	4	2
65 - 69 yrs.	0	29	7	27	5	3	43	45	3	3
70 - 74 yrs.	3	10	14	16	7	5	46	36	3	1
75 - 79 yrs.	0	7	7	11	8	2	23	11	0	0
80 - 84 yrs.	1	12	9	8	1	2	20	18	1	0
85 & Over	1	2	3	7	4	2	21	14	1	1
TOTAL	15	326	82	402	64	50	554	483	140	138

P H I L I P P I N E S
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

A G E G R O U P S	Lymphoma, Etc. (200-203, 205)		Benign and unspeci- fied Neoplasms (210-239)		Beriberi (280)		Vascular Lesions Etc. (330-334)		Rheumatic Fever (400-402)		Chronic Rheumatic Heart Disease (410-416)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	-	2	2	1	5918	4281	32	14	0	0	1	2
1 - 4 yrs.	2	3	10	10	548	513	26	22	7	4	10	8
5 - 9 yrs.	3	1	6	4	134	81	22	12	8	8	14	20
10 - 14 yrs.	2	2	3	2	55	43	19	14	14	8	44	36
15 - 19 yrs.	2	3	12	7	49	44	41	15	8	5	38	35
20 - 24 yrs.	1	0	7	6	69	85	50	31	4	4	21	34
25 - 29 yrs.	0	1	10	15	85	102	67	36	6	6	23	29
30 - 34 yrs.	7	3	7	10	77	112	68	39	4	10	20	32
35 - 39 yrs.	4	3	12	21	180	113	80	54	2	5	18	40
40 - 44 yrs.	7	2	17	17	102	122	112	80	7	8	23	17
45 - 49 yrs.	3	2	20	22	136	125	136	105	6	7	18	15
50 - 54 yrs.	5	2	6	28	145	117	203	100	8	2	24	17
55 - 59 yrs.	3	3	21	27	152	123	205	142	8	6	32	20
60 - 64 yrs.	4	4	18	19	222	222	236	136	20	7	21	26
65 - 69 yrs.	4	2	11	15	164	145	194	129	9	6	21	13
70 - 74 yrs.	4	4	15	9	164	161	206	155	14	5	27	15
75 - 79 yrs.	2	1	11	5	116	82	157	124	6	2	19	7
80 - 84 yrs.	2	1	6	5	111	98	117	104	4	3	12	10
85 & Over	0	0	1	6	100	116	103	121	6	8	23	11
T O T A L	55	39	195	229	8427	6685	2074	1433	141	104	409	387

P H I L I P P I N E S
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	Arteriosclerotic Heart Disease (420)		Non-Rheumatic Chronic Endocarditis, Etc. (421-422)		Other Diseases of Heart (430-434)		Hypertension with Heart Disease (440-443)		Hypertension without Mention of Heart (444-447)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	1	0	3	2	58	40	1	0	0	0
1 - 4 yrs.	2	0	3	4	91	86	2	2	0	0
5 - 9 yrs.	0	1	4	5	60	44	1	3	0	0
10 - 14 yrs.	2	2	6	10	70	49	0	0	4	4
15 - 19 yrs.	7	6	6	5	75	79	2	11	5	1
20 - 24 yrs.	24	11	7	6	90	90	7	5	12	4
25 - 29 yrs.	23	8	5	11	110	77	7	6	12	10
30 - 34 yrs.	24	15	5	9	96	123	14	8	22	12
35 - 39 yrs.	47	13	9	10	113	137	19	10	24	18
40 - 44 yrs.	64	7	7	9	98	97	12	17	36	33
45 - 49 yrs.	76	38	11	11	127	129	30	19	61	42
50 - 54 yrs.	111	46	6	4	122	110	32	24	67	52
55 - 59 yrs.	97	54	17	10	149	120	41	25	84	63
60 - 64 yrs.	106	66	17	11	143	156	37	33	106	74
65 - 69 yrs.	93	53	19	10	164	114	44	26	90	69
70 - 74 yrs.	102	75	22	33	158	146	40	29	81	70
75 - 79 yrs.	69	58	33	25	119	97	29	28	54	45
80 - 84 yrs.	49	59	28	42	103	97	32	16	42	20
85 & Over	85	77	57	77	142	165	26	22	32	42
TOTAL	982	589	265	234	2088	1956	376	284	732	562

PHILIPPINES
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

AGE GROUPS	General Arteriosclerosis (450)		Other Dis. of Circulatory Sys. (451-468)		Influenza (480-483)		Pneumonias (490-493; 763)		Bronchitis (500-502)		Gastro-Enteritis And Colitis (571-572; 764)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	0	0	5	0	169	119	5538	4285	4095	3196	3767	2795
1 - 4 yrs.	0	0	15	7	303	288	5743	5225	3714	3268	4253	3473
5 - 9 yrs.	0	0	9	5	137	111	1072	907	539	414	742	522
10 - 14 yrs.	0	0	7	2	57	53	404	295	197	118	219	126
15 - 19 yrs.	0	0	14	7	50	44	275	192	57	31	75	65
20 - 24 yrs.	0	0	23	14	46	27	226	198	25	25	42	49
25 - 29 yrs.	1	0	19	17	29	25	199	158	26	18	29	31
30 - 34 yrs.	0	3	18	14	15	29	183	160	12	9	25	26
35 - 39 yrs.	0	0	7	13	34	22	178	164	11	12	44	21
40 - 44 yrs.	1	0	16	13	34	17	155	137	12	7	38	21
45 - 49 yrs.	4	1	15	10	29	30	181	149	11	9	39	18
50 - 54 yrs.	2	2	16	7	26	21	163	121	12	8	25	20
55 - 59 yrs.	2	5	18	10	28	29	161	154	12	12	33	26
60 - 64 yrs.	3	3	22	6	29	26	176	145	13	13	65	29
65 - 69 yrs.	9	5	16	8	13	17	119	112	9	11	27	21
70 - 74 yrs.	22	23	11	8	19	18	114	100	11	8	20	22
75 - 79 yrs.	20	21	8	2	8	7	82	64	4	4	16	12
80 - 84 yrs.	20	29	10	4	11	12	80	61	6	6	18	14
85 & over	55	70	7	10	18	10	105	125	12	5	24	27
TOTAL	149	162	256	157	1053	905	15154	12748	8716	7174	9501	7316

P H I L I P P I N E S
TABLE 22 - DEATHS FROM 50 SELECTED CAUSES, BY AGE AND SEX, 1960

A G E G R O U P S	Acute Toxic Febrile Condition w/ Hgs. (H788)		Railway Accidents (E800-E802)		Motor Vehicle Accidents (E810-E835)		All Other Accidents (E840-E865)		Suicide (E970-E979)		Homicide (E980-E985)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 yr.	2	1	1	0	2	4	50	47	0	0	7	3
1 - 4 yrs.	4	3	1	2	22	9	316	187	1	1	14	7
5 - 9 yrs.	12	7	3	0	70	23	294	165	0	0	12	11
10 - 14 yrs.	1	8	3	0	24	16	182	90	7	3	15	9
15 - 19 yrs.	0	1	3	1	42	15	224	93	14	28	176	29
20 - 24 yrs.	0	1	3	0	52	10	258	63	23	15	399	40
25 - 29 yrs.	0	0	1	0	34	9	262	53	25	11	364	24
30 - 34 yrs.	0	0	2	0	41	8	202	35	18	9	299	19
35 - 39 yrs.	0	0	7	0	28	7	167	43	16	11	261	15
40 - 44 yrs.	0	0	4	0	14	9	118	20	15	5	145	20
45 - 49 yrs.	0	0	2	2	14	6	117	27	19	2	138	15
50 - 54 yrs.	0	0	1	0	9	9	81	24	15	6	68	7
55 - 59 yrs.	0	0	1	0	14	10	56	23	9	5	42	5
60 - 64 yrs.	0	0	3	1	7	2	49	19	5	5	39	11
65 - 69 yrs.	0	0	1	0	7	7	42	16	3	0	18	5
70 - 74 yrs.	0	0	1	0	9	3	38	17	7	3	11	7
75 - 79 yrs.	0	0	1	0	1	0	16	6	1	0	8	1
80 - 84 yrs.	0	0	0	0	3	2	17	6	1	0	5	0
85 & Over	0	0	0	0	1	3	26	17	0	1	14	5
T O T A L	19	21	38	6	394	152	2515	951	179	105	2035	291

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TABLE 23 - INFANT MORTALITY BY MONTH, NUMBER AND RATE, 1951 - 1960

MONTHS	1951		1952		1953		1954		1955	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	6,100	97.1	5,730	93.6	7,321	111.7	5,933	92.9	5,913	92.1
FEBRUARY	5,534	105.5	5,066	97.1	5,685	104.5	5,311	93.7	4,982	84.7
MARCH	5,408	101.5	4,824	92.0	5,793	106.6	5,356	93.0	4,972	79.1
APRIL	5,167	99.3	4,823	98.2	5,549	105.5	5,134	92.4	4,531	78.3
MAY	5,463	97.7	5,524	101.2	5,900	104.2	5,185	86.0	5,225	84.9
JUNE	6,123	119.6	5,691	113.7	5,985	111.0	5,298	92.9	5,261	88.3
JULY	6,324	128.0	6,074	119.8	6,376	122.9	5,937	104.4	5,880	102.9
AUGUST	5,937	116.2	5,306	104.3	5,659	114.3	5,815	105.5	5,435	89.7
SEPTEMBER	5,122	102.5	4,895	89.6	5,080	96.5	5,526	96.4	4,918	80.0
OCTOBER	5,328	97.5	5,328	95.8	5,192	92.6	5,823	95.5	4,754	74.2
NOVEMBER	5,179	102.4	5,798	99.9	5,272	101.0	5,390	92.4	4,809	81.4
DECEMBER	5,524	102.7	6,824	115.2	5,917	95.1	5,467	86.7	5,278	78.1
TOTAL	67,209	105.5	65,883	101.6	69,729	105.3	66,175	94.2	61,958	84.3

P H I L I P P I N E S
TABLE 23 - INFANT MORTALITY BY MONTH, NUMBER AND RATE, 1951-1960

M O N T H S	1 9 5 6		1 9 5 7		1 9 5 8		1 9 5 9		1 9 6 0	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	5,417	77.0	5,988	85.9	5,530	76.0	5,279	71.2	5,025	68.7
FEBRUARY	5,017	79.6	4,999	80.9	4,403	77.2	4,280	65.0	4,588	64.9
MARCH	4,970	81.3	5,059	81.3	4,399	77.7	4,324	68.2	4,494	65.6
APRIL	4,683	75.0	5,022	85.9	4,174	72.7	4,232	65.8	4,213	71.9
MAY	5,270	78.0	6,471	98.1	5,214	79.6	4,559	70.2	4,905	71.9
JUNE	5,366	84.5	6,172	109.3	5,433	89.2	5,472	85.5	5,192	76.3
JULY	5,492	91.9	6,333	109.8	5,946	90.3	5,776	86.7	5,626	85.3
AUGUST	5,193	84.5	6,781	113.2	5,316	81.6	5,280	82.8	5,438	81.3
SEPTEMBER	5,237	89.3	5,800	96.8	5,428	81.3	5,124	72.9	4,726	68.9
OCTOBER	5,520	80.3	5,838	89.4	5,365	78.9	4,848	66.5	5,212	77.7
NOVEMBER	5,344	91.4	5,550	89.1	4,910	77.9	4,636	72.6	4,922	74.8
DECEMBER	5,824	92.7	5,579	86.5	5,217	77.2	4,800	64.8	4,960	71.6
T O T A L	63,583	83.9	69,592	93.0	61,335	80.0	58,610	72.4	59,301	73.1

PHILIPPINES INFANT MORTALITY RATE BY MONTH 1951 - 1960

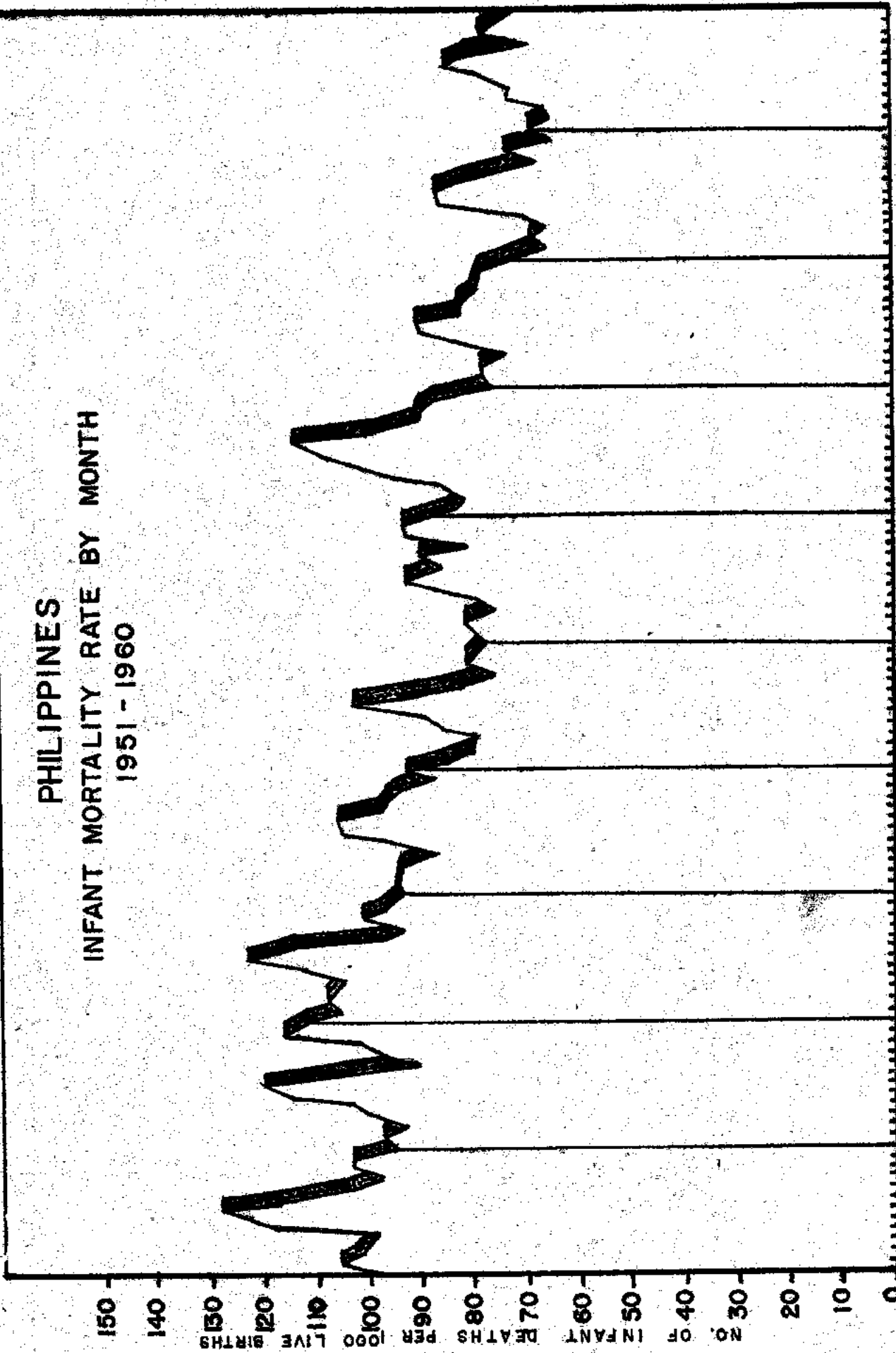


FIGURE 17

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PHILIPPINES

TABLE 24 - INFANT MORTALITY BY AGE AND SEX FOR THE PHILIPPINES & EACH REGION, 1960

AGE GROUPS	PHILIPPINES		Region I		Region II		Region III	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 day	3,835	2,767	565	401	228	150	1,784	1,285
1 - 6	7,389	5,122	1,108	805	642	478	2,456	1,554
7 - 13	3,191	2,415	501	380	307	221	803	610
14 - 20	1,294	918	133	126	80	64	425	268
21 - 27	857	588	105	66	73	64	319	186
Total under 28 days	16,566	11,810	2,412	1,778	1,330	977	5,787	3,903
28 - 59 days	2,652	1,806	387	263	223	163	792	478
2 months	2,089	1,442	258	196	195	123	579	399
3 months	1,654	1,212	205	125	105	91	464	322
4 months	1,328	1,057	154	100	73	54	380	294
5 months	1,286	1,018	151	101	82	64	339	261
6 months	1,456	1,135	183	114	76	72	358	284
7 months	1,440	1,162	151	124	74	65	330	251
8 months	1,638	1,342	163	139	88	66	371	337
9 months	1,514	1,264	142	142	70	69	337	283
10 months	1,209	998	120	103	53	38	280	254
11 months	1,235	988	148	108	45	38	321	251
Total 28 days to 1 yr.	17,501	13,424	2,082	1,515	1,084	843	4,551	3,414
GRAND TOTAL	34,067	25,234	4,474	3,293	2,414	1,820	10,338	7,317

PHILIPPINES
TABLE 24 - INFANT MORTALITY BY AGE AND SEX FOR THE PHILIPPINES & EACH REGION, 1960

AGE GROUPS	Region IV		Region V		Region VI		Region VII		Region VIII	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 day	214	153	284	217	451	315	157	115	152	131
1 - 6	535	427	694	512	1,171	790	275	207	508	349
7 - 13	199	179	415	273	599	474	138	105	229	173
14 - 20	110	74	143	105	233	160	47	36	123	85
21 - 27	59	52	87	84	124	72	32	25	58	39
Total under 28 days	1,117	885	1,623	1,191	2,578	1,811	649	488	1,070	777
28 - 59 days	144	114	292	229	462	313	81	55	271	191
2 months	156	102	239	170	353	248	116	68	193	136
3 months	132	118	182	152	339	238	78	48	149	118
4 months	120	120	134	117	267	208	60	43	140	121
5 months	120	103	152	117	252	206	67	56	123	110
6 months	99	103	144	119	328	266	73	61	195	116
7 months	135	113	160	132	351	294	78	55	161	128
8 months	128	98	148	150	439	331	83	73	218	148
9 months	105	105	167	134	400	319	108	75	183	137
10 months	98	72	138	108	297	239	104	68	119	116
11 months	65	84	134	90	290	222	87	62	145	133
Total 28 days to 1 yr.	1,302	1,132	1,892	1,518	3,778	2,884	935	664	1,897	1,454
GRAND TOTAL	2,419	2,017	3,515	2,709	6,356	4,695	1,584	1,152	2,967	2,231

Republic of the Philippines
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PHILIPPINES

TABLE 25 - LEADING CAUSES OF INFANT MORTALITY, NUMBER AND RATE*
AND PERCENTAGE DISTRIBUTION, 1960

Int. Stat. Class. No.	CAUSES	Number	Rate	%
280	BERIBERI	10,199	12.6	13.2
490 - 493; 763	PNEUMONIAS	9,823	12.1	16.0
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY	8,898	11.0	15.0
500 - 502	BRONCHITIS	7,291	9.0	12.3
571 - 572; 764	GASTRO-ENTERITIS & COLITIS**	6,562	8.1	11.1
774 - 776	IMMATURITY	3,226	4.0	5.4
762	POSTNATAL ASPHYXIA	2,435	3.0	4.1
061	TETANUS	1,931	2.4	3.3
281 - 286	OTHER AVITAMINOSES	1,073	1.3	1.8
750 - 759	CONGENITAL MALFORMATIONS	787	1.0	1.3

** Except Ulcerative Colitis

* per 1000 live births

WHAT OUR INFANTS ARE DYING OF...

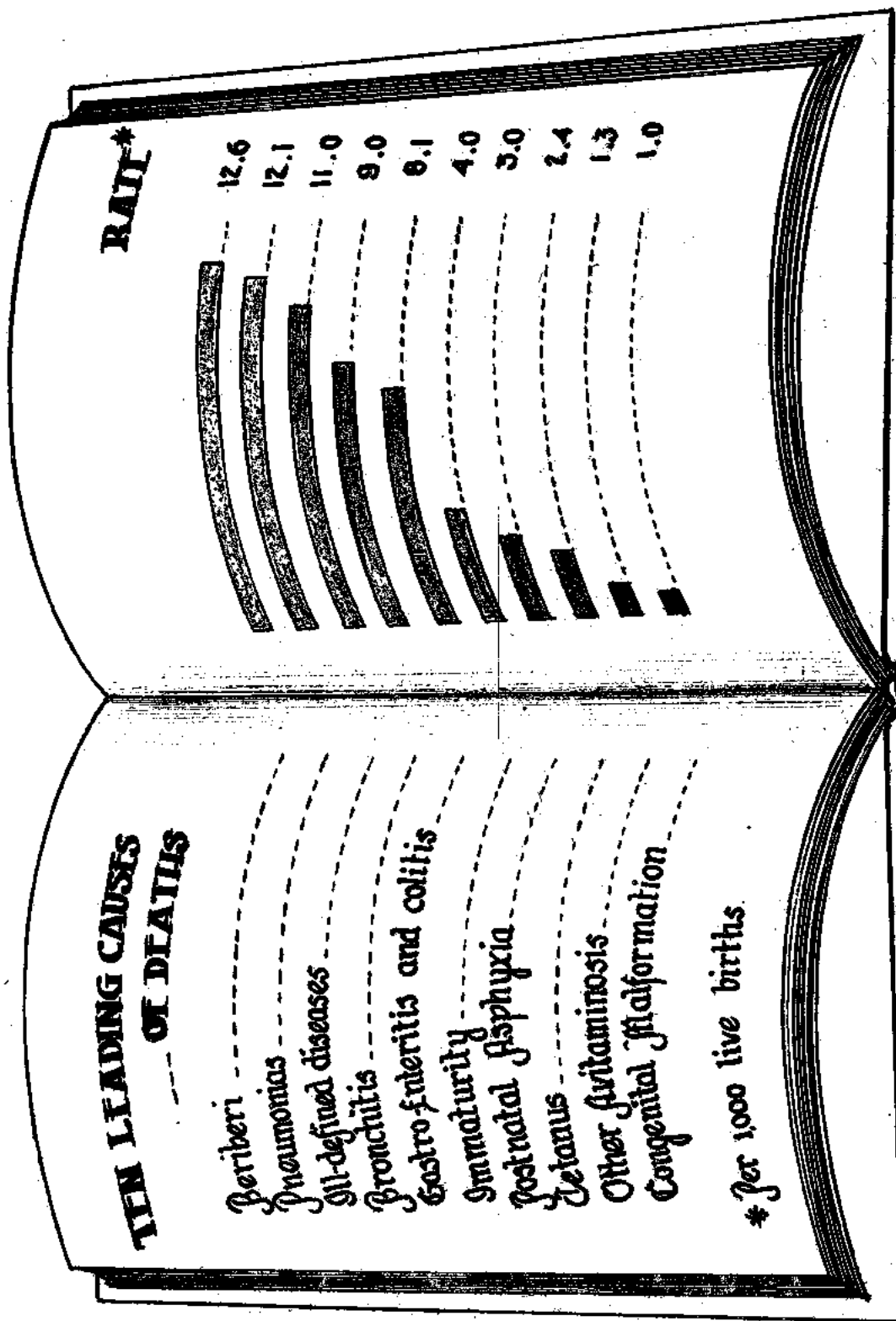


FIGURE 18

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Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 26 - INFANT MORTALITY BY MAIN CAUSES, AGE AND SEX; NUMBER AND SPECIFIC RATE (per 1000 l.b.), 1960

Int. Stat. Class. No.	MAIN CAUSES	GRAND TOTAL			UNDER 28 DAYS (NEONATAL)									
		Number		Rate	Under 1 day		1 - 6		7 - 13		14 - 20			
		Male	Female		Total	M	F	M	F	M	F	M	F	
490-499; 763	PNEUMONIAS	5538	4285	9823	12.1	60	52	460	312	355	271	209	149	
500-502	BRONCHITIS	4095	3196	7291	9.0	15	13	194	125	156	123	129	79	
280	HEPHERI	3918	4281	10199	12.6	355	259	1500	1059	760	579	322	222	
281-286	OTHER APYAMINOSES	600	473	1073	1.3	14	13	63	42	37	28	25	17	
773	ILL-DEFINED DISEA- SES PECULLAR TO EARLY INFANCY	5165	3733	8898	11.0	1249	907	2428	1686	706	503	210	173	
571-572; 764	GASTRO-ENTERITIS & COLITIS	3767	2795	6562	8.1	7	4	76	58	101	85	103	76	
774-776	IMMATUREITY	1875	1351	3226	4.0	821	560	696	521	190	115	61	41	
760-761	BIRTH INJURIES & ACCIDENTS	383	256	639	0.8	191	144	141	81	21	19	6	3	
762	PERINATAL ASPHYXIA	1412	1023	2435	3.0	814	575	484	345	43	55	22	9	
061	TETANUS	1104	827	1931	2.4	26	23	486	343	483	363	51	45	
750-759	CONG. MALFORMATION	475	312	787	1.0	101	80	137	91	58	40	27	10	
780-781	CERTAIN CONDITIONS PECULLAR TO NER- VOUS SYSTEM	158	107	265	0.3	0	2	21	14	21	9	8	3	
	OTHER CAUSES	3577	2595	6172	7.6	182	135	703	445	260	225	121	91	

PHILIPPINES
TABLE 26 - INFANT MORTALITY BY MAIN CAUSES, AGE AND SEX; NUMBER AND SPECIFIC RATE (per 1000 l.b.), 1960

Int. Stat. Class. No.	MAIN CAUSES	UNDER 28 DAYS						TOTAL UNDER 28 DAYS						28 DAYS TO UNDER 1 YEAR					
		21 - 27		Rate	N u m b e r		Total	Rate	N u m b e r		Total	Rate	N u m b e r		Total	Rate			
		M	F		M	F			M	F			M	F					
490 - 493; 763	PNEUMONIAS	146	83	2.7	1277	898	2175	4261	3387	7648	9.4								
500 - 502	BRONCHITIS	111	79	1.3	603	423	1026	3492	2773	6265	7.7								
280	BERIBERI	203	139	6.7	3149	2254	5403	2769	2027	4796	5.9								
281 - 286	OTHER AVITAMINOSES	22	11	0.3	161	112	273	439	361	800	1.0								
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY	124	95	10.0	4717	3364	8081	448	369	817	1.0								
571 - 572 764	GASTRO-ENTERITIS & COLITIS	58	43	0.8	345	266	611	3422	2529	5951	7.3								
774 - 776	IMMATUREITY	26	23	3.8	1794	1260	3054	81	91	172	0.2								
76 - 761	BIRTH INJURIES AND ACCIDENTS	9	2	0.8	368	250	618	15	6	21	0.03								
	POSTNATAL ASPHIXIA	8	5	2.9	1371	989	2360	41	34	75	0.1								
	TETANUS	15	14	2.3	1061	788	1849	43	39	82	0.1								
750 - 759	CONG. MALFORMATION	19	12	0.7	342	233	575	133	79	212	0.3								
760 - 761	CERTAIN CONDITIONS PECULIAR TO NERVOUS SYSTEM	4	7	0.1	54	35	89	104	72	176	0.2								
	OTHER CAUSES	112	75	2.8	1324	938	2262	2253	1657	3910	4.8								

Republic of the Philippines
Department of Health
DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES

TABLE 27 - INFANT MORTALITY BY MAIN CAUSE; NUMBER AND RATE FOR THE PHILIPPINES AND EACH REGION, 1960

Int. Stat. Classification No.	C A U S E S	PHILIPPINES		REGION I		REGION II		REGION III	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
490 - 493	PNEUMONIAS	9,823	12.1	970	8.1	325	7.8	3,511	12.9
500 - 502	BONCHITIS	7,291	9.9	885	7.4	750	18.0	708	2.6
280 -	BERIBERI	10,199	12.6	1,917	16.2	1,260	30.2	2,557	9.4
281 - 286	OTHER AVITAMINOSES	1,073	1.3	68	0.6	10	0.2	300	1.1
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY	6,898	11.0	1,683	14.1	938	22.5	2,868	10.5
571 - 572	GASTRO-ENTERITIS AND COLITIS*	6,562	8.1	509	4.3	180	4.3	2,078	7.6
774 - 776	IMMATURITY	3,226	4.0	487	4.1	214	5.1	1,204	4.4
760 - 761	BIRTH INJURIES AND ACCIDENTS	639	0.8	50	0.4	8	0.2	322	1.2
762	POSTNATAL ASPHYXIA	2,435	3.0	200	1.7	72	1.7	1,449	5.3
863	TETANUS	1,931	2.4	335	2.8	101	2.4	227	0.8
75 - 759	CONGENITAL MALFORMATION	787	1.0	73	0.6	5	0.2	385	1.4
760 - 761	CERTAIN CONDITIONS PECULIAR TO NERVOUS SYSTEM	265	0.3	4	0.03	-	-	14	0.1
	OTHER CAUSES	6,172	7.6	566	4.7	368	8.8	2,032	7.5

PHILIPPINES

TABLE 27 - INFANT MORTALITY BY MAIN CAUSE; NUMBER & RATE FOR THE PHILIPPINES AND EACH REGION, 1960

Int. Stat. Classification No.	CAUSES	REGION IV		REGION V		REGION VI		REGION VII		REGION VIII	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
490 - 493 763	PNEUMONIAS	661	9.8	1,084	15.2	1,965	24.8	478	15.6	849	21.1
500 - 502	BRONCHITIS	940	13.9	1,010	14.4	1,980	24.9	370	12.1	648	8.4
280	BERIBERI	631	9.4	713	10.2	1,836	13.8	450	14.7	815	10.6
281 - 286	OTHER AVITAMINOSES	169	2.5	148	2.1	323	2.4	15	0.5	44	0.6
773	ILL-DEFINED DISEASES PECULIAR TO EARLY INFANCY	659	9.8	974	13.2	1,147	8.6	343	11.2	288	3.7
571 - 572; 764 -	GASTRO-ENTERITIS AND COLITIS*	540	8.0	583	7.9	1,248	9.4	464	15.1	992	12.9
774 - 776	IMMATURITY	127	1.9	400	5.7	436	3.3	102	3.3	256	3.3
760 - 761	BIRTH INJURIES AND ACCIDENTS	15	0.2	19	0.3	107	1.4	20	0.7	18	0.2
762	POSTNATAL ASPHYXIA	131	1.9	119	1.7	290	2.2	76	2.5	98	1.3
661	TETANUS	161	2.4	411	5.9	992	3.0	127	4.1	177	2.3
750 - 759	CONGENITAL MALFORMA- TION	25	0.4	80	1.1	103	0.8	14	0.5	99	1.3
760 - 761	CERTAIN CONDITIONS PECULIAR TO NERVOUS SYSTEM	17	0.3	79	1.1	75	0.6	2	0.1	74	1.0
	OTHER CAUSES	160	5.3	657	9.4	1,070	8.1	275	9.0	844	11.0

* Except Ulcerative Colitis

PHILIPPINES
NEONATAL MORTALITY: PERCENT AGE DISTRIBUTION
1960

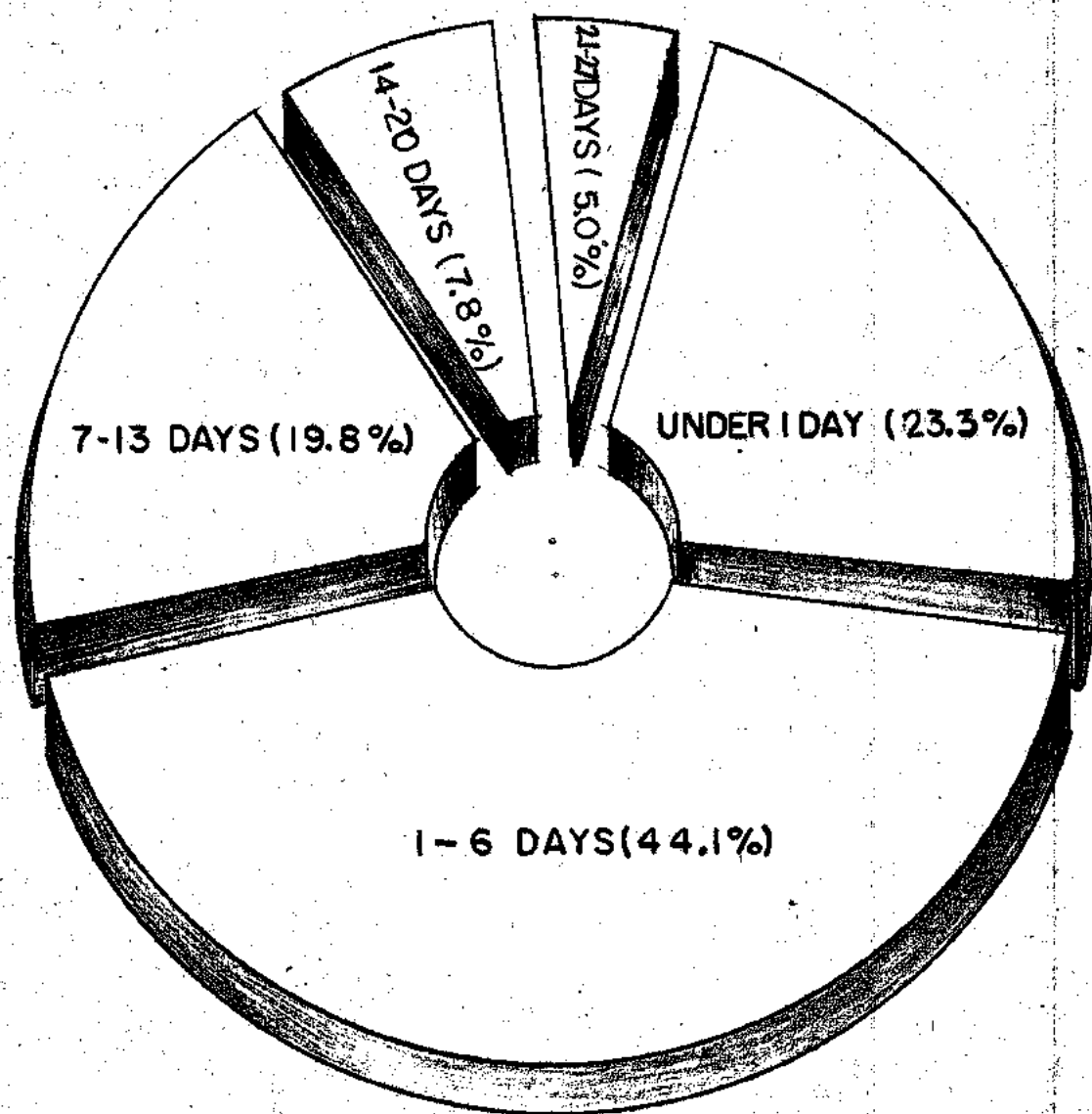
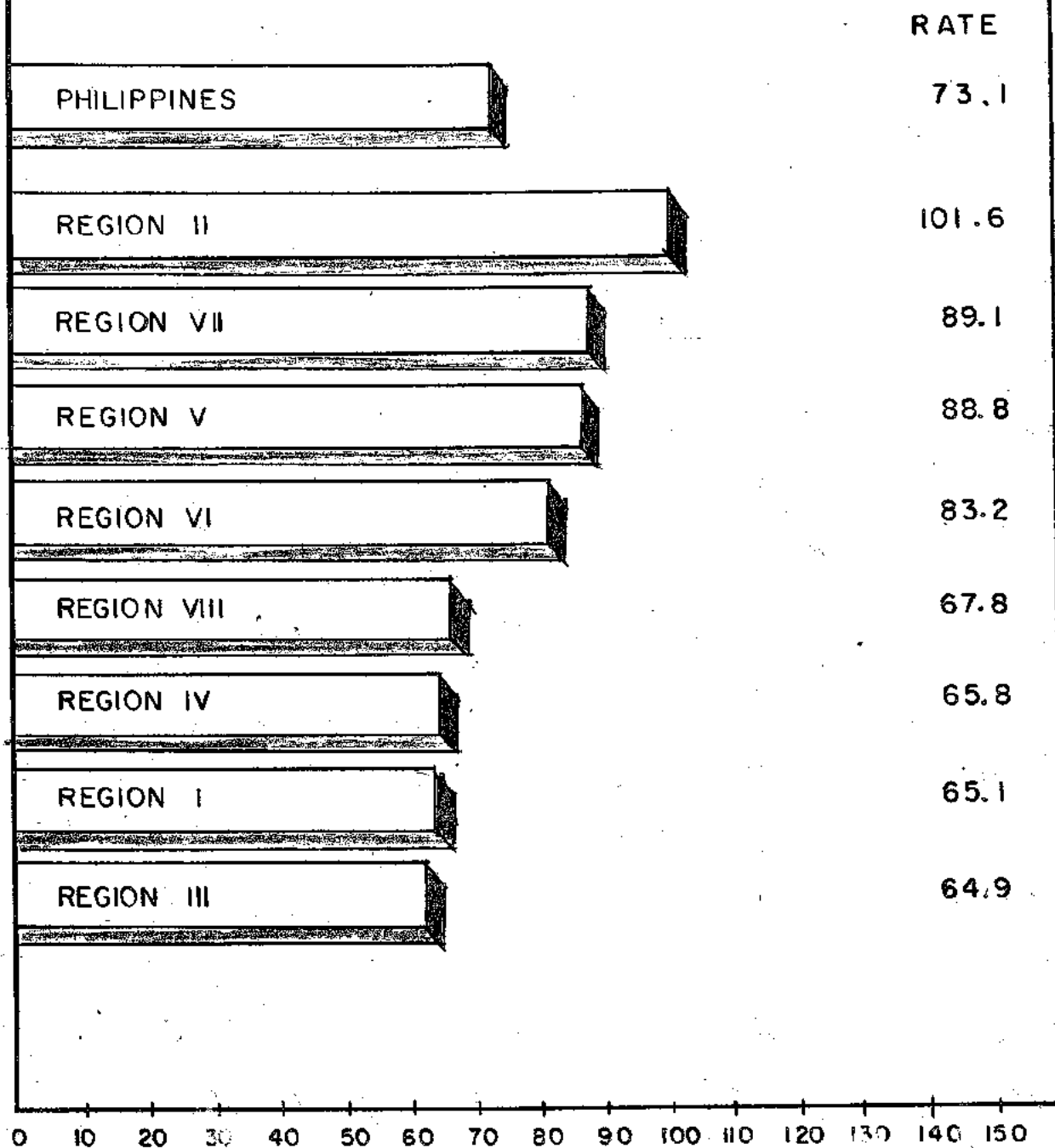


FIGURE 19

1. 凡在本行开立存款账户的客户，均可向本行申请开立支票。

PHILIPPINES INFANT MORTALITY RATE BY REGION 1960



NO. OF INFANT DEATHS PER 1000 LIVE BIRTHS

FIGURE 20

Republic of the Philippines
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DISEASE INTELLIGENCE CENTER
Manila

PHILIPPINES
TABLE 29 - INFANT MORTALITY BY MONTH FOR THE PHILIPPINES & EACH REGION;
NUMBER AND SPECIFIC RATE (per 1000 l.b.) 1960

MONTH	PHILIPPINES			R E G I O N S		
	I			II		
	Number	Rate	Number	Rate	Number	Rate
JANUARY	5,025	68.7	666	54.5	380	97.1
FEBRUARY	4,588	64.0	557	53.4	361	96.4
MARCH	4,494	65.6	560	56.7	321	85.7
APRIL	4,213	71.9	557	64.9	247	77.5
MAY	4,995	76.9	651	61.2	297	84.5
JUNE	5,192	76.3	715	73.7	329	95.5
JULY	5,626	85.3	713	75.6	380	120.1
AUGUST	5,438	81.3	745	78.3	384	114.1
SEPTEMBER	4,726	68.9	691	68.4	310	93.5
OCTOBER	5,212	77.7	686	72.6	410	121.6
NOVEMBER	4,922	74.8	576	62.4	416	117.2
DECEMBER	4,960	71.6	650	63.9	399	112.4
TOTAL	59,301	73.1	7,767	65.1	4,234	101.6
						17,655
						64.9

PHILIPPINES
 INFANT MORTALITY BY SMALLER AGE GROUPS
 1960

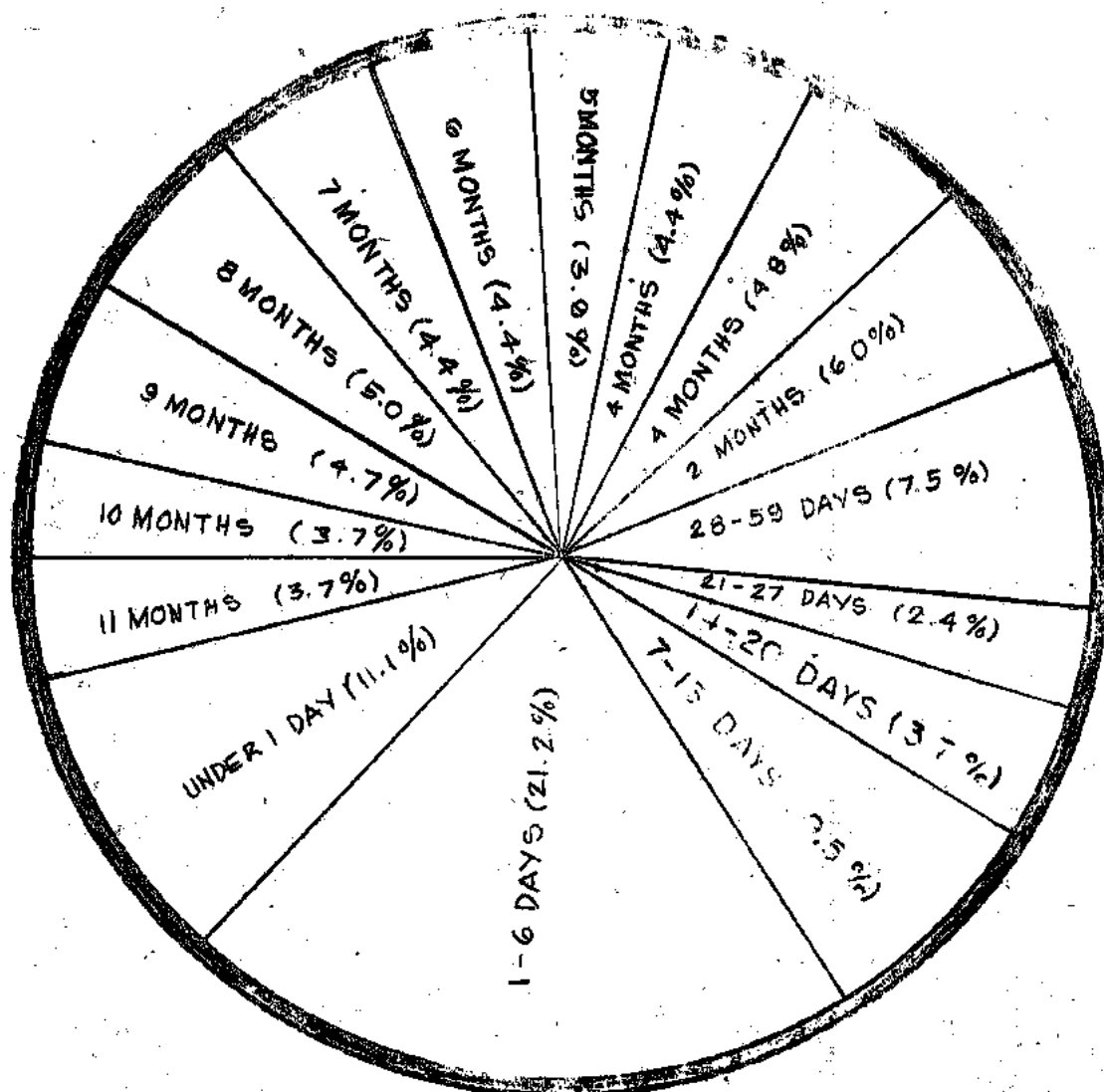


FIGURE 21

P H I L I P P I N E S
TABLE 29 - INFANT MORTALITY BY MONTH FOR THE PHILIPPINES & EACH REGION;
NUMBER AND SPECIFIC RATE (per 1000 l.b.) 1960

M O N T H	R		E		O		I		O		N		S	
	IV		V		VI		VII		VIII		IX		X	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
JANUARY	425	65.3	498	75.0	890	78.0	233	93.1	398	61.6				
FEBRUARY	384	61.9	471	75.9	865	77.1	202	80.8	406	63.8				
MARCH	357	60.6	451	73.5	871	78.9	229	81.2	427	67.3				
APRIL	307	61.5	474	86.6	734	73.1	225	96.0	396	70.2				
MAY	354	60.4	537	97.6	891	72.3	198	79.5	439	72.0				
JUNE	336	59.0	545	96.1	964	82.6	204	74.8	426	63.2				
JULY	407	79.7	645	118.8	1,149	98.5	237	94.2	509	78.6				
AUGUST	434	81.3	577	104.3	1,022	94.5	230	88.3	493	72.8				
SEPTEMBER	293	57.2	503	87.9	817	75.0	225	90.7	408	56.1				
OCTOBER	368	73.5	538	86.0	1,002	91.6	265	105.8	453	69.3				
NOVEMBER	373	65.1	513	86.9	982	91.0	244	94.9	422	71.5				
DECEMBER	398	66.4	472	83.6	862	77.3	244	94.4	421	68.9				
T O T A L	4,436	65.8	6,224	88.8	11,051	83.2	2,736	89.3	5,198	67.8				

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PHILIPPINES
TABLE 30 - MATERNAL MORTALITY BY MONTH; NUMBER & RATE (per 1000 l.b.), 1955 - 1960

MONTHS	1955		1956		1957		1958		1959		1960	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
JANUARY	192	3.0	187	2.7	137	2.0	193	2.7	178	2.4	176	2.4
FEBRUARY	195	3.3	161	2.6	164	2.7	141	2.5	142	2.2	153	2.2
MARCH	211	3.4	229	3.7	154	2.5	143	2.5	158	2.5	159	2.3
APRIL	205	3.5	203	3.2	147	2.5	181	3.2	164	2.5	176	3.0
MAY	184	3.0	203	3.0	183	2.8	190	2.9	187	2.9	155	2.3
JUNE	189	3.2	168	2.6	185	3.1	191	3.1	235	3.6	174	2.6
JULY	219	3.8	190	3.2	164	2.8	214	3.2	166	2.5	157	2.4
AUGUST	214	3.5	181	2.9	144	2.4	192	2.9	163	2.6	170	2.5
SEPTEMBER	202	3.3	183	3.1	154	2.6	220	3.3	171	2.4	157	2.3
OCTOBER	198	3.1	188	2.9	178	2.7	206	3.0	175	2.4	173	2.6
NOVEMBER	181	3.1	163	2.7	176	2.8	183	2.9	156	2.4	156	2.4
DECEMBER	149	2.2	185	2.9	177	2.7	181	2.7	219	3.0	175	2.5
TOTAL	2339	3.2	2241	3.0	1963	2.6	2235	2.9	2114	2.6	1981	2.4

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TABLE 31 - MATERNAL MORTALITY BY MAIN CAUSES; NUMBER AND RATE (per 1000 l.b.)
FOR THE PHILIPPINES AND EACH REGION, 1960

Int. Stat. Classification No.	C A U S E S	PHILIPPINES						R E G I O N S					
		I			II			III			IV		
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
640 - 641 650 - 652	Sepsis of Pregnancy Childbirth & Puerperium	137	0.17	3	0.03	1	0.02	37	0.14				
642 - 652 653 - 656	Toxemia of Pregnancy & the Puerperium	318	0.39	32	0.27	25	0.60	79	0.29				
643 - 644 670 - 672	Hemorrhages of Pregnancy, Childbirth & Puerperium	1199	1.40	116	0.97	61	1.46	242	0.89				
650 - 651	Abortions	77	0.09	10	0.08	4	0.10	20	0.07				
645 - 649; 673 - 678; 684 - 687 - 689	Other complications of Pregnancy, Childbirth and the Puerperium	310	0.38	25	0.21	11	0.26	80	0.29				
TOTAL		1981	2.44	186	1.56	102	2.45	458	1.68				

P H I L I P P I N E S

TABLE 31 - MATERNAL MORTALITY BY MAIN CAUSES; NUMBER AND RATE (per 1000 l.b.)
FOR THE PHILIPPINES AND EACH REGION, 1960

Int. Stat. Classifi- cation No.	C A U S E S	I V		V		VI		VII		VIII	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
640 - 641 640 - 642	Sepsis of Pregnancy childbirth & Puer- perium	19	0.28	28	0.40	31	0.25	7	0.23	9	0.12
642 - 652 645 - 646	Toxemia of Pregnan- cy & the Puerperium	37	0.55	48	0.68	52	0.39	18	0.59	27	0.35
643 - 644 670 - 672	Hemorrhages of Preg- nancy, Childbirth & Puerperium	120	1.78	78	1.11	341	2.57	69	2.25	112	1.46
650 - 651	Abortions	5	0.07	0	0	17	0.13	10	0.33	11	0.14
645 - 649 673 - 678 684 687 - 689	Other complications of Pregnancy, Child- birth and Puerperium	40	0.59	38	0.54	72	0.54	17	0.55	27	0.35
T O T A L		221	3.28	192	2.74	515	3.88	121	3.95	186	2.42

PHILIPPINES
MATERNAL MORTALITY BY MAIN CAUSES
1960

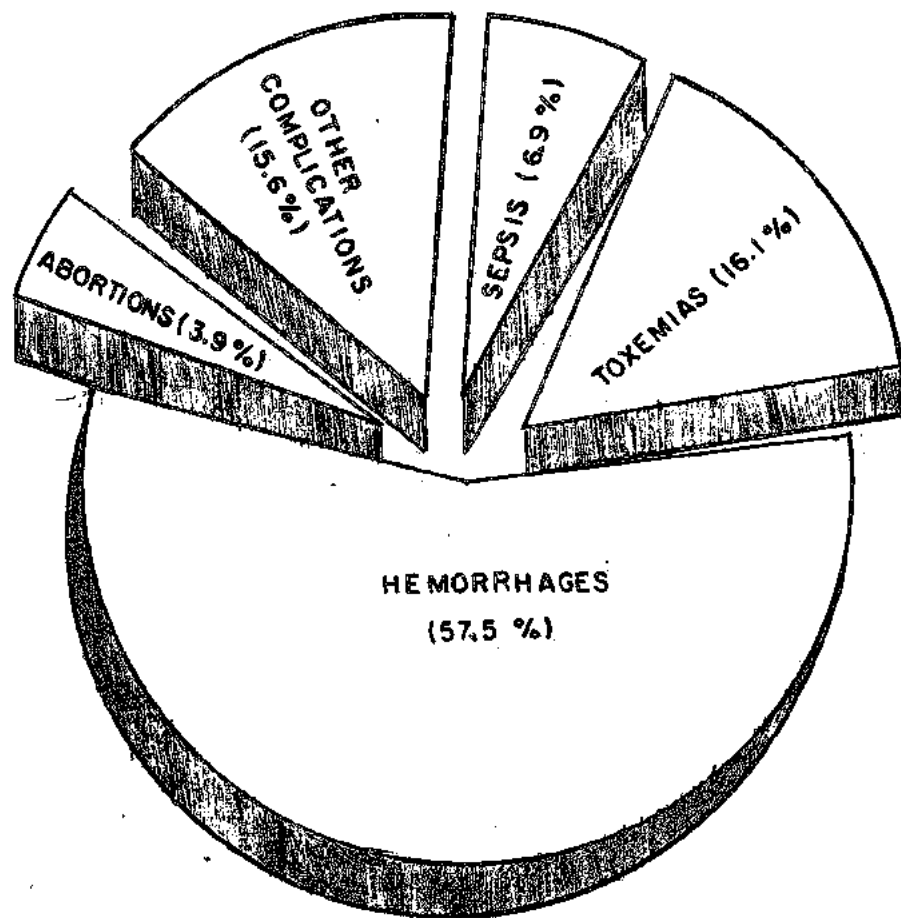


FIGURE 22

P H I L I P P I N E S
TABLE 32 - MATERNAL MORTALITY BY AGE, NUMBER & PERCENT AGE DISTRIBUTION
FOR THE PHILIPPINES AND EACH REGION, 1960

AGE	IV		V		VI		VII		VIII	
	No.	%	No.	%	No.	%	No.	%	No.	%
10 - 14	-	-	-	-	-	-	-	-	-	-
15 - 19	8	3.6	13	6.8	30	5.8	9	7.4	18	9.7
20 - 24	35	15.8	36	18.8	91	17.6	25	20.7	25	13.4
25 - 29	47	21.3	24	12.5	96	18.7	19	15.7	45	24.2
30 - 34	64	29.0	45	23.4	120	23.3	24	19.8	35	18.8
35 - 39	39	17.6	40	20.8	102	19.8	30	24.8	36	19.4
40 - 44	20	9.1	20	10.4	50	9.7	5	4.2	21	11.3
45 - 49	8	3.6	14	7.3	26	5.1	9	7.4	6	3.2
TOTAL	221	100.0	192	100.0	513	100.0	121	100.0	186	100.0

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TABLE 39 - MATERNAL MORTALITY BY MAIN CAUSE; NUMBER AND RATE (per 1000 l.b.) 1955-1960

Int. Stat. Class. No.	CAUSES	1955		1956		1957		1958		1959		1960	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
640 - 644 680 - 682	Sepsis of Preg- nancy, child- birth & Puer- perium	129	0.18	85	0.11	151	0.20	140	0.18	112	0.14	137	0.17
642 - 652 685 - 686	Toxemia of Pregnancy & the Puerperium	517	0.70	518	0.68	369	0.49	368	0.48	380	0.47	318	0.39
643 - 644 670 - 672	Hemorrhages of Pregnancy, Childbirth & Puerperium	1109	1.51	1069	1.41	967	1.29	1200	1.57	976	1.21	1139	1.40
650 - 651	Abortions	159	0.22	142	0.19	99	0.13	113	0.15	84	0.10	77	0.09
645 - 649	Other Compli- cations of Pregnancy, Childbirth & the Puerperium	425	0.58	427	0.56	377	0.50	414	0.54	562	0.69	310	0.38
TOTAL		2339	3.18	2241	2.96	1963	2.62	2235	2.92	2114	2.61	1981	2.44

Philippines
CRUDE BIRTH RATE & FOETAL DEATH RATE
BY MONTH
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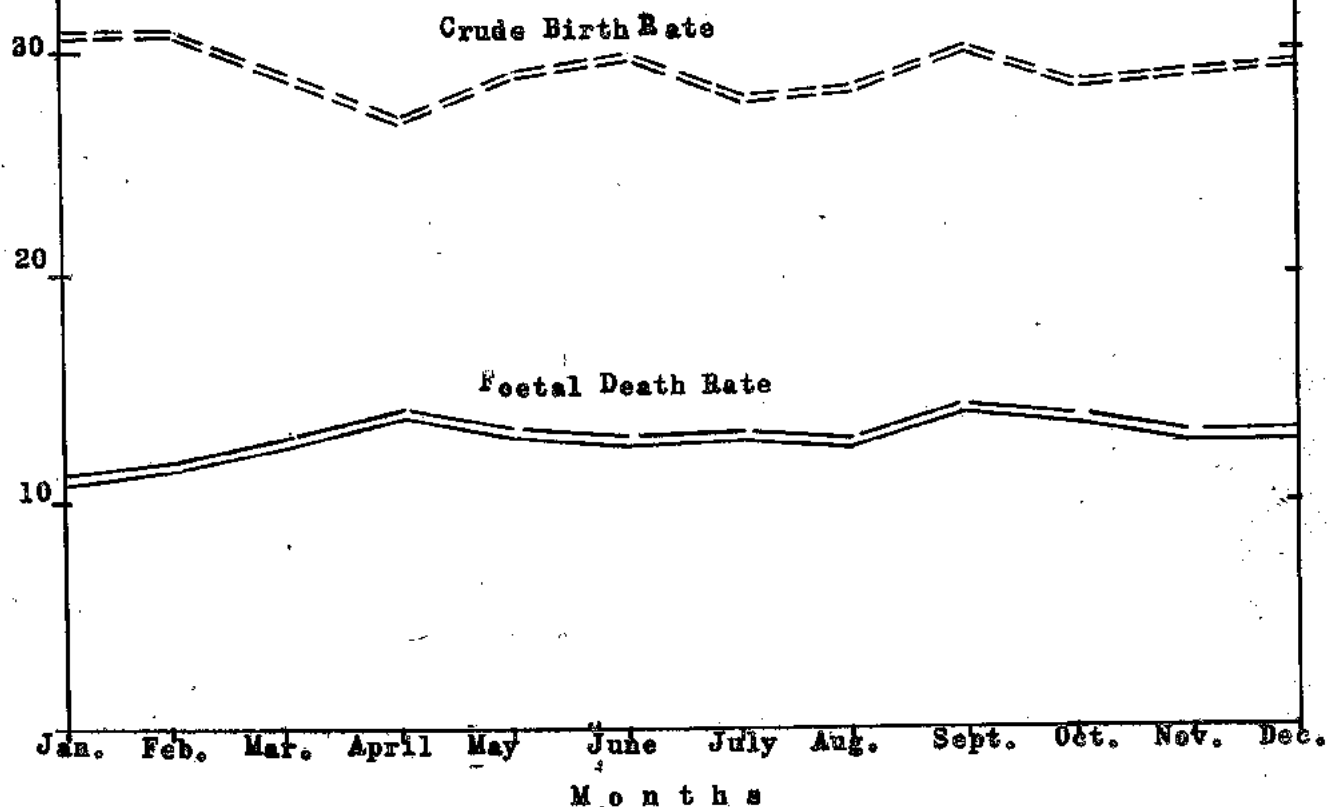


FIGURE 2*

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PHILIPPINES

TABLE 24 - FETAL DEATHS BY CAUSE FOR THE PHILIPPINES AND EACH REGION; NUMBER AND RATE, 1968

Int. Stat. No.	DISEASES	PHILIPPINES			REGION I			REGION II			REGION III		
		Number	Rate		Number	Rate		Number	Rate		Number	Rate	
130	Chronic Dis. in Mother	151	0.19		22	0.18		7	0.17		61	0.22	
131	Acute Dis. in Mother	94	0.12		12	0.10		5	0.12		38	0.14	
132	Diseases & Conditions of Pregnancy & Childbirth	320	0.39		45	0.38		17	0.41		128	0.47	
133	Absorption of Toxic Subs. from Mother	4	0.005		1	0.008		0	0		2	0.007	
134	Difficulties in Labor	418	0.52		59	0.50		20	0.48		168	0.62	
135	Other Causes in Mother	101	0.12		14	0.12		4	0.10		43	0.16	
136	Placental and Cord Conditions	908	1.12		130	1.09		44	1.07		363	1.33	
137	Birth Injury	39	0.05		6	0.05		2	0.05		16	0.06	
138	Congenital Malformation of Fetus	242	0.30		34	0.28		12	0.29		97	0.36	
139	Diseases of Fetus & Ill-defined Causes	7,985	9.85		1,134	9.50		390	9.37		3,205	11.78	
TOTAL		10,262	12.66		1,457	12.21		501	12.02		4,121	15.15	

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TABLE 35 - FOETAL DEATHS BY CAUSE FOR THE PHILIPPINES AND EACH REGION; NUMBER AND RATE, 1960

Int. Stat. No.	D I S E A S E S	REGION IV			REGION V			REGION VI			REGION VII			REGION VIII		
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
Y30	Chronic Diseases in Mother	10	0.15		10	0.14		24	0.18		5	0.17		12	0.16	
Y31	Acute Diseases in Mother	7	0.10		6	0.09		15	0.11		3	0.10		8	0.10	
Y32	Diseases & Conditions of Pregnancy & Childbirth	22	0.33		20	0.29		51	0.38		11	0.36		26	0.34	
Y33	Absorption of Toxic Subs. from Mother	0	-		0	-		1	0.008		0	-		0	-	
Y34	Difficulties in Labor	29	0.44		27	0.39		67	0.50		14	0.45		34	0.44	
Y35	Other Causes in Mother	7	0.10		6	0.09		16	0.12		3	0.10		8	0.10	
Y36	Placental and Cord Conditions	63	0.93		59	0.84		145	1.09		31	1.01		73	0.95	
Y37	Birth Injury	3	0.04		2	0.03		6	0.05		1	0.04		3	0.04	
Y38	Congenital Malformation of Foetus	17	0.25		15	0.21		39	0.29		9	0.29		19	0.25	
Y39	Diseases of Foetus & Ill-defined Causes	556	8.25		508	7.23		1,277	9.62		273	8.90		642	8.37	
TOTAL		774	10.59		653	9.31		1,641	12.35		350	11.42		825	10.75	

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TABLE 36 - FOETAL DEATHS BY CAUSE; MEDICAL ATTENDANCE & PERCENTAGE DISTRIBUTION, 1960

Int. Stat. No.	C A U S E S	Total Foetal Deaths	With Medical Attendance Number	Without Med. Attendance Number	Attendance Not Stated Number	Percent of Foetal Deaths
Y30	Chronic Diseases in Mother	151	76	43	32	1.47
Y31	Acute Diseases in Mother	94	73	15	6	0.92
Y32	Diseases and Conditions of Pregnancy and Childbirth	320	288	15	17	3.12
Y33	Absorption of Toxic Substances From Mother	4	4	-	-	0.04
Y34	Difficulties in Labor	418	232	79	107	4.07
Y35	Other Causes in Mother	101	43	34	24	0.98
Y36	Placental and Cord Conditions	908	865	13	30	8.85
Y37	Birth Injury	39	39	-	-	0.38
Y38	Congenital Malformation	242	227	13	2	2.36
Y39	Diseases of Foetus and Ill- defined Causes	7,985	3,443	2,903	1,639	77.81
T O T A L		10,262	5,290	3,115	1,857	100.0

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PHILIPPINES
TABLE 37 - MORTALITY BY MEDICAL ATTENDANCE; NUMBER AND PERCENT
OF DEATHS BY REGION; 1960

P L A C E	TOTAL DEATHS	WITH MEDI- CAL AT- TENDANCE	PERCENT- AGE	WITHOUT MEDICAL ATTENDANCE	PERCENT- AGE
PHILIPPINES	212,688	67,808	31.9	144,480	68.1
REGION I	27,750	9,679	34.9	16,071	65.1
REGION II	11,492	1,838	16.0	9,254	84.0
REGION III	59,889	31,477	52.6	28,412	47.4
REGION IV	19,631	3,614	18.4	16,017	81.6
REGION V	24,714	5,945	24.1	18,769	75.9
REGION VI	43,246	8,463	19.6	34,783	80.4
REGION VII	8,969	2,043	22.8	6,926	77.2
REGION VIII	16,997	4,749	27.9	12,248	72.1