

## STATISTICAL REPORTS

### REPORT OF MUNICIPAL HEALTH UNITS OF PORTO RICO

There are five Municipal Health Units in Porto Rico at the present time. These units are carried on and developed on a cooperative basis in which the Rockefeller Foundation, the Department of Health of Porto Rico and the Municipal Health Department have a share.

The first Municipal Health Unit was established in the city of Río Piedras (Porto Rico's University center) on October 1, 1926, and the second was established in Yabucoa a rich agricultural town on the southeastern part of the Island on March 1, 1927. Since then three other units have been opened, Cayey being the last on the list.

The following report records the work done by the Municipal health Units of Adjuntas, Caguas, Río Piedras and Yabucoa during the months of August, September and October 1929.

#### Health Education

Total Lectures given .....	60
Total attendance .....	1,131
Printed matter distributed .....	723

#### COMMUNICABLE DISEASE CONTROL

Diseases Reported	Cases	Deaths
Ankylostomiasis .....	1,664	5
Infectious Conjunctivitis .....	5	.....
Diphtheria .....	20	3
Dysentery (Amoebic) .....	6	2
Dysentery (Bacillary) .....	17	13
Malaria .....	374	11
Syphilis .....	74	3
Tuberculosis (Pulmonary) .....	223	62
Tuberculosis (All other forms) .....	74	55
Typhoid and Paratyphoid .....	8	3
Whooping Cough .....	55	3
Pellagra .....	4	2
Measles .....	82	1
Filariasis .....	1	1
Infantile Paralysis .....	1	1
Tetanus .....	6	5
Uncinariasis .....	1	1
Trachoma (most probably follicular conjunctivitis) .....	2	.....
Scabies .....	97	.....
Gonococci .....	4	.....
Pneumonia .....	1	1
Bronchopneumonia .....	4	4
Influenza .....	7	.....
<b>Total .....</b>	<b>2,935</b>	<b>176</b>



## LABORATORY WORK

Kind of Examination	Positive	Negative	Total
R. Wassermann.....	236	2,439	2,675
Pus Smears of Gonococci.....	7	86	93
Blood for Widal Test.....	5	69	74
Cultures for Diphtheria.....	71	667	738
Blood Smears for Malaria.....	219	606	825
Sputum for Tuberculosis.....	139	420	559
Feces for intestinal parasites.....	3,151	5,008	8,159
Urinalysis.....	64	115	179
Differential Count.....		2	2
Filariasis.....		2	2
Animals Head for Negri Bodies.....		2	2
Cerebro Spinal Liquid.....		3	3
Stool Cultures for Typhoid.....		8	8
Miscellaneous.....	1	4	5
Flora.....	10	10	20
Water Analysis.....	1	3	4
Cultures for B. Lepra.....		2	2
Total.....	4,904	9,456	13,350

## Isolation and Quarantine

Cases Isolated.....	188
Contacts quarantined.....	586
Epidemiological investigations.....	330
Visits Health Officer.....	212
Visits by Nurse.....	586
Carriers located diphtheria.....	10
Carriers located mumps, typhoid.....	3
Office Consultations.....	3,915

## Specific Prophylaxis and Treatment

Completed Antityphoid inoculations.....	154
Smallpox examinations.....	2,320
Completed toxin-antitoxin administration.....	1,060
Diphtheria carriers treated.....	17
Persons given treatment by Unit.....	2,894
Hookworm.....	2,185
Malaria.....	375
Diphtheria.....	18
Scabies.....	297
Anti-tetanic antitox.....	10
Infectious Conjunctivitis.....	5
Gonococci.....	4
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	2,894



**Tuberculosis Control**

Number of persons examined.....	909
Number of cases.....	125
Number of cases advanced.....	69
incipient.....	24
mod. advanced.....	32
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	125
Cases under observation.....	695
Number of clinics held.....	59
Home visits by nurse.....	443
Total attendance at clinics.....	909

**CHILD HYGIENE**

Prenatal work	Infant and Maternal Hygiene	Pre-School Hygiene
Under supervision... 543	Post partum visits to mothers 158	Children attending clinics..... 938
Clinics held..... 48	Infant hygiene clinics..... 46	Referred to physicians..... 19
Patients attending... 454	Infants examined at clinics... 152	Visits of nurse..... 286
Office consultation... 221	Infants referred to physicians 19	Office consultations... 365
Prophylactic distribution..... 47	Infant hygiene nurses visits. 320	
Home visits of nurse... 329		
School Medical Inspection		School Dental Clinic
Complete physical examination..... 941	Total defects found..... 2,694	Prophylaxis..... 17
Total corrections..... 587	Referred to physicians or dentist..... 352	Fillings..... 45
Visits School Nurse..... 186	Smears from absentees positive for Malaria.. 19	Extractions..... 1,634

**SANITATION**

General	Milk	Inspection of Constructions
New privies installed. 27	Dairies under supervision... 192	Plans submitted to Sanitary Engineer..... 318
Water samples collected..... 7	Visits to dairies..... 162	Inspections..... 491
	Samples for chemical examination..... 51	Plans rejected..... 338
	Dairies complying with requirements..... 172	

**Malaria and Mosquito Control**

Blood Smears for Malaria.....	150
Blood Smears Positive.....	118
Spleens Examined.....	633
Spleens palpable.....	27
Total anti-larval measures and breeding places destroyed...	248



**BIRTHS, DEATHS, INFANT DEATHS, MATERNAL DEATHS, STILL-  
BIRTHS AND MARRIAGES BY MUNICIPALITIES  
MONTH OF JULY, 1929**

	Births	Deaths	Under 1 year deaths	Maternal deaths	Still- births	Mar- riages (persons married)
<b>PORTO RICO</b> .....	<b>4,918</b>	<b>3,368</b>	<b>769</b>	<b>30</b>	<b>351</b>	<b>2,144</b>
Urban.....	1,306	1,209	262	9	179	2,140
Rural.....	3,612	2,159	507	21	172	4
1 Adjuntas.....	67	49	19	1		8
2 Aguada.....	52	50	15		8	18
3 Aguadilla.....	80	95	22		9	36
4 Aguas Buenas.....	65	21	1		5	
5 Aibonito.....	83	19	3		2	80
6 Añasco.....	37	40	11	1		12
7 Arecibo.....	205	135	35	1	23	72
8 Arroyo.....	27	24	7			10
9 Barceloneta.....	38	20	5		3	18
10 Barranquitas.....	45	16			4	28
11 Bayamón.....	92	54	15		7	58
12 Cabo Rojo.....	71	53	7	1	5	58
13 Caguas.....	134	114	20	1	8	88
14 Camuy.....	30	26	6	1	6	22
15 Carolina.....	50	21	1		2	20
16 Cataño.....	29	20	3		2	20
17 Cayey.....	97	74	13		9	14
18 Ceiba.....	21	13	1			8
19 Ciales.....	116	30	6		3	18
20 Cidra.....	64	15	3		4	18
21 Coamo.....	53	31	4		6	20
22 Comerío.....	56	37	7	1	3	16
23 Corozal.....	33	14	4		2	30
24 Culebra (Island of).....	4					
25 Dorado.....	30	11	2			4
26 Fajardo.....	60	42	9	1	5	36
27 Guaynabo.....	47	12	2	1		18
28 Guánica.....	41	15	7		4	10
29 Guayama.....	78	76	24		2	32
30 Guayanilla.....	61	24	5		6	30
31 Gurabo.....	64	25	5	1		28
32 Hatillo.....	55	35	6		6	22
33 Hormigueros.....	13	13	3		2	20
34 Humacao.....	91	79	7		4	24
35 Isabela.....	80	58	16		7	28
36 Jayuya.....	80	26				54
37 Juana Díaz.....	47	42	15		5	32
38 Juncos.....	54	33	11		7	46
39 Lajas.....	43	24	9	1	8	26
40 Lares.....	59	67	19		2	24
41 Las Marías.....	40	30	8		1	4
42 Las Piedras.....	51	29	5	1	4	24
43 Loíza.....	43	32	9		5	44
44 Luquillo.....	38	33	15		3	6
45 Manatí.....	68	43	9		5	28
46 Maricao.....	22	27	8	1	2	10
47 Maunabo.....	24	26	4		1	4
48 Mayagüez.....	163	159	30	2	19	116
49 Moca.....	46	46	5		2	10
50 Morovis.....	72	21	4	2	2	20



**BIRTHS, DEATHS, INFANT DEATHS, MATERNAL DEATHS, STILL-BIRTHS AND MARRIAGES BY MUNICIPALITIES**  
**MONTH OF JULY, 1929—Continued**

	Births	Deaths	Under 1 year deaths	Maternal deaths	Still-births	Marriages (persons married)
51 Naguabo.....	64	57	12		1	16
52 Naranjito.....	31	14	3			12
53 Orocovis.....	44	17	5		2	22
54 Patillas.....	61	26	4		2	10
55 Peñuelas.....	20	16	3	1	4	18
56 Ponce.....	254	248	64	1	34	138
57 Quebradillas.....	31	28	3		4	10
58 Rincón.....	22	20	10	2	1	10
59 Río Grande.....	64	19	4			30
60 Río Piedras.....	130	90	22		11	90
61 Sabana Grande.....	45	35	5		8	22
62 Salinas.....	41	45	8		8	20
63 San Germán.....	69	54	10		5	18
64 San Juan.....	307	205	60	3	29	148
65 San Lorenzo.....	99	48	7		4	20
66 San Sebastián.....	66	67	17	1		36
67 Santa Isabel.....	31	46	17	1	2	20
68 Toa Alta.....	32	13	1		2	10
69 Toa Baja.....	24	18	4			
70 Trujillo Alto.....	23	6	4			8
71 Utuado.....	107	70	11		7	52
72 Vega Alta.....	31	12	5			6
73 Vega Baja.....	68	43	12	3	5	20
74 Vieques (Island of).....	38	15	4			8
75 Villalba.....	29	25	3	1	6	12
76 Yabucoa.....	47	60	13		3	20
77 Yauco.....	101	69	13		10	48



**1. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.**  
**Month of July 1929.**

	International List No.	1.—Causes of Death	Deaths
1.	31-37 b	Tuberculosis (all forms)	402
2.	5	Malaria	160
3.	29	Tetanus	43
4.	16 a b c	Dysentery (all forms)	36
5.	1 a	Typhoid fever	24
6.	41	Purulent infection, septicemia	24
7.	38	Syphilis	18
8.	30	Mycoses	18
9.	7	Measles	9
10.	9	Whooping Cough	9
11.	10	Diphtheria	2
12.	11 b	Influenza (without pulmonary complications specified)	2
13.	13	Mumps	1
	42	Other infectious diseases	2
<b>2.—All Other Diseases</b>			
1.	113	Diarrhea and enteritis (under 2 years)	432
2.	114	Diarrhea and enteritis (2 years and over)	364
3.	129	Chronic nephritis	169
4.	100 a b	Bronchopneumonia	167
5.	160	Congenital debility	135
6.	90	Other diseases of the heart	108
7.	164	Senility	107
8.	99 a b c d	Bronchitis (all forms)	103
9.	101 a b	Pneumonia	93
10.	128	Acute nephritis	77
11.	43-49	Cancer (all forms)	58
12.	115	Ankylostomiasis	55
13.	88	Endocarditis and myocarditis	50
14.	91 a b	Arteriosclerosis	41
15.	74 a b	Cerebral hemorrhage	27
16.	58 a b	Perniciou anemia	24
17.	122 b	Cirrhosis of the liver (not specified as alcoholic)	24
18.	71 a b	Simple meningitis	22
19.	146	Puerperal septicemia	16
		Other causes of death	546
		<b>Total</b>	<b>3,368</b>

1.—Epidemic, endemic and infectious diseases..... 750

2.—All other diseases..... 2,618

**Total..... 3,368**