

REPORT OF THE MUNICIPAL HEALTH UNIT OF THE DEPARTMENT OF HEALTH, RIO PIEDRAS, PORTO RICO

October 1926-January 1927

HEALTH EDUCATION

Activities	Oct.	Nov.	Dec.	Jan.
Total lectures (including motion-picture shows)				1
Total attendance				125
No. of leaflets and pamphlets distributed				
Newspaper articles				

COMMUNICABLE-DISEASE CONTROL

Diseases reported	October		November		December		January	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Ankylostomiasis	115	0	119	1	105	2	165	1
Chicken Pox	9	0	1	0	0	0	0	0
Infectious conjunctivitis	0	0	0	0	2	0	1	0
Diphtheria	12	0	14	0	15	0	5	0
Dysentery (Amoebic)	0	0	0	0	0	0	0	0
Dysentery (Bacillary)	0	0	0	0	2	2	0	0
Erysipelas	0	0	1	1	0	0	0	0
Malaria	28	1	24	4	12	0	12	1
Measles	0	0	0	0	0	0	0	0
Leprosy	0	0	0	0	1	0	0	0
Mumps	0	0	1	0	2	0	9	0
Pneumonia (Acute)	1	1	0	0	0	0	0	0
Rabies	0	0	0	0	0	0	0	0
Scarlet fever	0	0	0	0	0	0	0	0
Syphilis	4	0	10	0	2	1	3	0
Septic sore throat	0	0	0	0	0	0	0	0
Small pox	0	0	0	0	0	0	0	0
Tetanus	0	0	0	0	0	0	0	0
Trachoma	0	0	0	0	4	0	0	0
Tuberculosis								
Pulmonary	32	20	20	7	19	13	18	8
All other forms	1	1	2	2	1	1	0	0
Typhoid and paratyphoid fever	1	1	0	0	1	0	0	0
Whooping cough	1	0	12	0	7	0	19	0
Grand total	204	24	204	15	175	19	232	10

Population

Urban	7,188
Rural	19,460
Total	26,648

PATIENTS TREATED IN THE TUBERCULOSIS CLINICS DURING THE MONTH OF JANUARY 1927

Clinics	New patients	Old patients	Total number treated during month
Aguadilla	5	13	18
Caguas	19	22	36
Coamo	4	51	55
Guayama	5	28	33
Juncos	4	26	30
Mayagüez	11	23	34
Ponce	55	72	127
San Juan	29	72	101
Santurce	217	69	286
Yauco	5	32	37
Total	348	408	756

**REPORT OF THE WORK DONE IN THE SOCIAL HYGIENE CLINICS
DURING THE MONTH OF JANUARY 1927**

	Clinics		
	San Juan	Ponce	Juncos
Total number of patients treated during the month.....	1,769	245	89
New patients.....	152	29	.....
Old patients.....	1,617	216	.....
Adults } Males.....	65	17	.....
} Females.....	81	12	.....
Children under twelve years } Boys.....	1	.....	.....
} Girls.....	2	.....	.....
New patients admitted to anti-syphilitic clinic.....	.....	.....	.....
With syphilis } Primary.....	8	29	.....
} Secondary.....	123	1	.....
} Tertiary.....	.....	4	.....
} Congenital.....	7	2	.....
New patients admitted to the venereal diseases clinics.....	14	.....	.....

**REPORT OF THE BUREAU OF SOCIAL MEDICINE AND PUERICULTURE
FOR THE MONTH OF JANUARY 1927**

DISPENSARIES

	San Juan	Santurce	Barrio Obrero	Ponce	Mayagüez	Aguadilla	Caguas	Guayama	Juncos	Carolina	Comerio	Villalba	Morovis
Total No. of patients treated.....	134	272	158	268	166	63	117	171	68	134	98	349	186
Old patients.....	102	190	115	227	119	41	89	124	54	115	79	305	173
New patients.....	32	82	43	41	47	22	28	47	14	19	19	44	11
Patients dismissed.....	95	52	63	68	68	29	35	.....	12	14	30	65	.....
Cured.....	40	16	7	33	59	11	31	.....	6	7	20	9	.....
Better.....	37	19	41	17	7	15	3	.....	4	4	5	17	.....
No better.....	17	16	15	16	.....	2	1	.....	1	1	5	38	.....
Dead.....	1	1	.....	2	2	1	.....	.....	2	.....	.....	1	.....
House visits.....	418	342	462	710	399	109	154	249	254	108	236	75	269
Care given.....	64	44	176	269	99	46	63	62	39	86	57	26	24
Instruction and demonstration.....	167	181	222	234	177	46	36	114	136	122	68	28	194
Visits & investigations.....	187	69	47	198	116	8	52	72	68	.....	91	21	40
Other visits.....	.....	48	17	9	7	9	3	1	21	.....	.....	.....	11
<i>Prenatal clinics</i>													
New patients.....	10	33	15	8	23	14	13	24	3	2	7	8	.....
Old patients.....	20	54	47	24	52	15	41	53	4	19	41	34	.....
<i>Baby clinics</i>													
New patients.....	22	49	28	33	24	8	15	23	11	17	12	36	11
Old patients.....	82	136	68	203	67	26	48	71	50	96	38	271	173

REPORT OF THE BIOLOGICAL LABORATORY FOR THE MONTH OF
DECEMBER 1926

Examinations	Positive	Negative	Total
<i>Blood</i>			
Malaria		238	238
Plasmodium Vivax	83		83
Plasmodium Falciparum	59		59
Plasmodium Vivax and Falciparum	1		1
Filaria		3	3
Differential count			22
Red Blood cell count			4
White Blood cells count			3
Hemoglobin percentage			4
Texas fever		1	1
Coagulation time			1
Lymphatic anemia		1	1
Hemorrhage Septicemia		2	2
<i>Serum Diagnosis</i>			
Typhoid Fever (Widal Reaction)	21	101	122
Incomplete Widal Reaction			5
Wasserman (Lues)	235	1,136	1,371
Wasserman (Anticomplementary)			29
<i>Cerebro Spinal Fluid</i>			
Syphilis	3	41	44
Globuline			1
Glucose			1
<i>Intestinal Parasites</i>			
Examination of Feces		126	126
Uncinaria	33		33
Uncinaria and Trichocephalus	12		12
Uncinaria and Ascárides	1		1
Uncinaria, Trichocephalus and Ascárides	6		6
Uncinaria, Anguillula and Trichocephalus	1		1
Uncinaria and Bilharzia	1		1
Uncinaria, Cerchomonas, Ascárides and Trichocephalus	1		1
Uncinaria, Trichomonas and Balantidium	1		1
Trichocephalus	48		48
Ascárides	9		9
Anguillula	1		1
Bilharzia	1		1
Balantium Coli and Trichocephalus	1		1
Trichocephalus and Ascárides	18		18
Cerchomonas	1		1
<i>Exudates, Transudates and Secretions</i>			
Koch's Bacillus (sputa)	205	181	386
Urethral Exudate (gonococcus)	4	22	26
Diphtheria	58	657	715
Diphtheria Carriers	1		1
Trachoma Chlamy		3	3
Hansen's Bacillus	2	3	5
Bacillus Abortus Endemicis	1		1
<i>Bacteriological Examinations</i>			
Water			7
Ice			1
<i>Chemical Microscopic Examinations</i>			
Urine			200
Autogenous Vaccines			3
Rejected Samples			112
Totals	808	2,515	3,716

BUREAU OF RURAL SANITATION

Report of the Uncinariasis Campaign in Porto Rico for the Month of
January 1927

LATRINE CAMPAIGN <i>Municipality</i>	No. of Insp.	Prev. App.	Jan.	Total
Arecibo	4	4,427	6	4,433
Adjuntas	5	2,681	88	2,769
Comerio	5	498	63	561
Corozal	1	2,216	18	2,234
Caguas	7	1,357	168	1,525
Guaynabo	4	1,211	87	1,298
Humacao	6	557	55	612
Mayagüez	3	3,879	5	3,884
Morovis	1	2,236	25	2,261
Río Piedras	6	1,238	95	1,333
Villalba	4	670	66	736
Hormigueros	1	193	23	216
Maricao	2	247	26	273
Gurabo	1	150	5	155
Santa Isabel	1	120	12	132
Toa Alta	1	210	7	217
Naguabo	1	129	32	161
Fajardo	1	612	8	620
Trujillo Alto	1	228	.....	228
Vega Alta	1	148	19	167
Luquillo	1	114	2	116
Juncos	1	171	7	178
Vieques	1	179	4	183
Salinas	1	392	9	401
Río Grande	1	98	4	102
Yabucoa	1	11	17	28
San Lorenzo	1	22	2	24
Dorado	1	37	11	48
Totals	64	24,031	864	24,895

TREATMENT CAMPAIGN <i>Municipality</i>	No. of Insp.	Census	Treat- ments	Cures
Adjuntas	5	1,525	1,214	734
Bayamón	6	1,433	1,644	847
Corozal	9	1,954	3,158	429
Mayagüez	7	1,387	3,204	636
Totals	27	6,299	9,220	2,696

REINSPECTION OF LATRINES <i>Municipality</i>	No. of insps.	Prev. app.	Jan.	Total
Aguada	1	1,083	19	1,102
Aguadilla	1	1,354	21	1,375
Añasco	1	173	15	188
Arecibo	4	717	36	753
Bayamón	3	630	53	713
Barceloneta	1	104	32	136
Camuy	1	591	24	615
Hatillo	1	139	38	177
Isabela	1	631	123	754
Las Marías	1	423	12	435
Lares	1	534	80	614
Manatí	1	535	12	547
San Sebastián	1	483	18	501
Vega Baja	1	438	31	529
Totals	19	7,835	604	8,439

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Births

WHITE.....		{ Male.....	1,657
		{ Female.....	1,499
	}	Half-breed ..	{ Male..... 119
			{ Female..... 123
		Indian	{ Male..... 15
			{ Female..... 9
COLORED.....		Mulatto.....	{ Male..... 310
			{ Female..... 278
		Negro.....	{ Male..... 47
			{ Female..... 38
TOTAL COLORED.....		{ Male..... 491	
		{ Female..... 48	

Birth-rate for the month (annual basis).....34.09

SEX.....		{ Male.....	2,148	
		{ Female.....	1,947	
	}	Legitimate.....	{ White.....	1,345
				{ Female .....	1,181
		Colored.....	{ Male.....	340
				{ Female.....	328
SOCIAL CONDITION.....		} Illegitimate.....	{ White.....	312
				{ Female.....	318
		} Colored.....	{ Male.....	151
				{ Female.....	120
	}	Urban.....	{ Male.....	873
				{ Female.....	788
DOMICILE.....		} Rural.....	{ Male.....	1,275
				{ Female.....	1,164
TOTAL.....			4,095	

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Marriages

RACE.....	White.....	Male.....	805
		Female.....	809
	Colored.....	Male.....	130
		Female.....	128
NATIVITY.....	Native.....	Male.....	927
		Female.....	982
	Foreign.....	Male.....	10
		Female.....	5
AGE.....	Under 20 years.....	Male.....	81
		Female.....	272
	20 to 30 years.....	Male.....	704
		Female.....	604
	Over 30 years.....	Male.....	202
		Female.....	61
PREVIOUS CONJUGAL CONDITION.....	Single.....	Male.....	825
		Female.....	907
	Widowed.....	Male.....	82
		Female.....	22
	Divorced.....	Male.....	30
		Female.....	8
TOTAL.....			1,874

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Deaths

WHITE.....		Male.....	1,073
		Female.....	1,092
COLORED.....	Half-breed.....	Male.....	100
		Female.....	94
	Indian.....	Male.....	10
		Female.....	7
	Mulatto.....	Male.....	206
		Female.....	186
	Negro.....	Male.....	67
		Female.....	5
TOTAL COLORED.....	Male.....	383	
	Female.....	340	
Death-rate for the month (annual basis).....			23.9

SEX.....		Male.....	1,466	
		Female.....	1,432	
CIVIL CONDITION.....	Single.....	Male.....	1,063	
		Female.....	996	
	Married.....	Male.....	284	
		Female.....	234	
	Widowed.....	Male.....	101	
		Female.....	198	
	Divorced.....	Male.....		
		Female.....	2	
	Unknown.....	Male.....	8	
		Female.....	2	
	TOTAL.....			2,888

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Deaths

AGE.....	Under 1 year.....	678
	1 to 2 years.....	294
	2 to 5 years.....	275
	5 to 10 years.....	116
	10 to 15 years.....	65
	15 to 20 years.....	130
	20 to 25 years.....	159
	25 to 30 years.....	166
	30 to 40 years.....	212
	40 to 50 years.....	198
	50 to 60 years.....	187
	60 to 70 years.....	177
	70 to 80 years.....	119
	80 to 90 years.....	88
	90 to 100 years.....	30
Over 100 years.....	8	
Unknown.....	1	
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NATIVITY.....	PORTO RICO.....	2,874
	United States.....	1
	Spain.....	7
	France.....	2
	Italy.....
	England.....	1
	Germany.....
	Hispano-America.....	.....
	Cuba.....	.....
	Santo Domingo.....	.....
	English and French Antilles.....	.....
Other Countries.....	.....
UNKNOWN.....	3	
TOTAL.....	<u>2,888</u>	

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Deaths

SOCIAL CONDITION.....	Legitimate.....	Under 1 year.....	424
		1 to 5 years.....	869
		5 to 10 years.....	97
		10 to 25 years.....	271
		Over 25 years.....	904
	Illegitimate.....	Under 1 year.....	254
		1 to 5 years.....	200
5 to 10 years.....		19	
10 to 25 years.....		83	
Over 25 years.....	266		
Unknown.....		1	
DOMICILE.....	Urban.....	1,013	
	Rural.....	1,875	
PROFESSION OR OCCUPATION..	Agriculture	Husbandman proprietors.....	11
		Journeyman day laborers and farm laborers	463
	Commerce..	Proprietor merchants.....	17
		Store clerks.....	2
	Industry....	Owners of factories.....	
		Artisans and industrial laborers.....	118
		Cigarmakers.....	10
	Property owners.....		
	Professionals in general.....		32
	Domestic occupations.....		795
Minors without profession (both sexes).....		1,428	
Unknown.....		12	
TOTAL.....		2,888	

COL OF TROPICAL MEDICINE
 UNIVERSITY OF PORTO RICO
 UNDER THE AUSPICES OF
 COLUMBIA UNIVERSITY

PORTO RICO HEALTH REVIEW

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1926-27
MONTH OF DECEMBER

Deaths

1. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES

Rank	International list No.	Causes of death	Deaths
1	31-37	Tuberculosis (all forms)	393
2	5	Malaria	215
3	29	Tetanus (neonatorum)	55
4	1 a	Typhoid fever	23
5	16 a-b-c	Dysentery (all forms)	17
6	41	Purulent infection, septicemia	16
7	38	Syphilis	14
8	10	Diphtheria	11
9	29	Tetanus	11
10	11 a-b	Influenza	8
11	9	Whooping cough	4
12	7	Measles	2
13	21	Erysipelas	1
Total			660

2. ALL OTHER DISEASES

Rank	International list No.	Causes of death	Deaths
1	113	Diarrhea and enteritis (under 2 years)	253
2	114	Diarrhea and enteritis (2 years and over)	171
3	160	Congenital debility	167
4	164	Senility	162
5	129	Chronic nephritis	161
6	56	Rickets	140
7	99	Bronchitis (all forms)	120
8	101 a-b	Pneumonia	109
9	100 a	Broncho-pneumonia	105
10	115	Ankylostomiasis	75
11	90	Other diseases of the heart	71
12	128	Acute nephritis	58
13	88	Endocarditis and myocarditis	47
14	91 h	Arteriosclerosis	36
15	43-49	Cancer (all forms)	33
16	145	Puerperal septicemia	28
17	74 a	Cerebral hemorrhage	25
18	58 a-b	Anemia, chlorosis	20
19	71 a	Simple meningitis	20
20	89	Angina pectoris	18
21		Other causes of death	359
Total			2,228

1. Epidemic, endemic and infectious diseases	660
2. All other diseases	2,228
Total	2,888

Stillbirths

RACE		Deaths
WHITE		325
COLORED		113
SEX		Deaths
MALE		248
FEMALE		190
SOCIAL CONDITION		Deaths
LEGITIMATE		285
ILLEGITIMATE		153
TOTAL		438