

STATISTICAL REPORTS

PATIENTS TREATED IN THE TUBERCULOSIS CLINICS DURING THE MONTH OF MAY 1928

Clinics	New Patients	Old Patients	Total number treated during month
Aguadilla.....	3	18	21
Barrio Obrero.....	15	50	65
Caguas.....	7	9	16
Cataño.....	61	140	201
Ceazo.....	2	24	26
Guayama.....	4	10	14
Juncos.....	5	25	30
Mayagüez.....	10	26	36
Ponce.....	26	48	74
Santurce.....	58	197	255
Vieques.....		40	40
Yauco.....	10	44	54
Totals.....	201	631	832

REPORT OF THE BUREAU OF SOCIAL MEDICINE AND PUEBICULTURE FOR THE MONTH OF APRIL 1928

Activities	DISPENSARIES												
	Cataño	Santurco	Barrio Obrero	Ponce	Mayagüez	Aguadilla	Caguas	Guayama	Juncos	Carolina	Comerio	Villalba	Morovis
Total No. of patients treated.....	74	188	126	190	134	83	115	50	27	185	98	233	166
Old patients.....	47	149	101	171	93	70	75	34	21	150	78	199	166
New patients.....	27	39	25	19	41	13	40	15	6	35	20	34	...
Patients dismissed.....	80	79	58	43	40	31	229	100	.....	15	81	.....	141
Cured.....	10	29	8	35	24	.....	44	75	.....	.....	20	.....	100
Better.....	20	32	14	8	14	30	47	12	.....	15	8	.....	41
No better.....	48	12	36	4	.....	1	135	12	.....	.....	2	.....	.....
Dead.....	2	6	.....	1	2	.....	3	1	.....	.....	1	.....	.....
House visits.....	257	755	657	1075	178	175	265	157	285	228	240	116	312
Care given.....	75	132	208	517	56	57	96	40	98	91	58	35	76
Instruction and demonstration.....	121	439	264	193	54	77	76	82	123	127	100	52	205
Visits of investigation.....	51	152	184	361	64	29	87	32	62	10	82	29	8
Other visits.....	10	32	1	4	4	12	6	3	2	.....	.....	.....	28
<i>Prenatal clinics</i>													
New patients.....	10	17	17	10	22	7	20	10	2	9	10	8	.....
Old patients.....	19	47	61	50	53	33	25	24	1	45	24	22	47
<i>Baby clinics</i>													
New patients.....	17	22	8	9	19	6	20	6	4	26	10	26	.....
Old patients.....	28	102	40	121	40	37	50	10	20	105	54	177	119

MONTHLY REPORT OF THE BIOLOGICAL LABORATORY

April 1928

Examinations	Positive	Negative	Total
<i>Blood</i>			
Malaria		305	305
Plasmodium Vivax	12		12
Plasmodium Falciparum	6		6
Filaria		5	5
Differential Count			11
White Blood Cells Count			6
Blood culture		2	2
<i>Serum Diagnosis</i>			
Typhoid Fever (Widal Reaction)	40	120	160
Paratyphoid A	2	2	4
Paratyphoid B		4	4
Incomplete Widal Reaction			7
Wassermann (lues)	268	1,360	1,628
Wassermann (anticomplementary)			19
<i>Cerebro-spinal Fluid</i>			
Syphilis	5	11	16
Globuline			11
Glucose			10
Cellular count			12
<i>Examination of Feces</i>			
Intestinal Parasites		234	234
Uncinaria	23		23
Uncinaria and Trichocephalus	19		19
Uncinaria, Trichocephalus and Ascárides	3		3
Uncinaria and Ascárides	3		3
Uncinaria and Bilharzia	1		1
Uncinaria, Trichocephalus, Bilharzia and Anguillula	1		1
Trichocephalus	99		99
Trichocephalus and Ascárides	35		35
Trichocephalus and Anguillula	2		2
Ascárides	25		25
Bilharzia	2		2
Anguillula	2		2
<i>Exudates, Transudates and Secretions</i>			
Koch's Bacillus (sputum)	109	182	291
Naso-pharyngeal exudates:			
Diphtheria	24	120	144
Diphtheria carriers	4	336	340
Hansen's Bacillus		7	7
Urethral Exudate:			
Gonococcus	7	53	60
Other exudates:			
Vincent's angina	1		1
Ring Worm		1	1
<i>Chemical-microscopic Examinations</i>			
Urine			148
<i>Bacteriological Examinations</i>			
Water			15
Experimental inoculations in guinea pigs			8
Samples rejected			125
Totals	693	2,742	3,807

BUREAU OF RURAL SANITATION

Report of the Uncinariasis Campaign in Porto Rico for the Month of
April 1928

LATRINE CAMPAIGN Municipality	No. of Insp.	Prev. App.	April	Total
Caguas.....	3	3,697	40	3,737
Comerio.....	4	1,285	64	1,450
Fajardo.....	1	1,015	32	1,047
Hormigueros.....	1	314	.....	314
Humacao.....	2	2,300	20	2,320
Jayuya.....	3	673	26	699
Maricao.....	3	730	21	751
Naranjito.....	3	490	79	569
Rio Piedras.....	4	2,102	51	2,153
San Lorenzo.....	2	484	62	546
Villalba.....	2	1,545	28	1,573
Yabucoa.....	4	601	46	647
Dorado.....	1	65	15	80
Toa Alta.....	3	52	17	69
Toa Baja.....	2	77	21	98
Trujillo Alto.....	3	147	72	219
Arroyo.....	1	157	.....	157
Barros.....	1	492	2	494
Celba.....	1	41	8	49
Maunabo.....	1	62	3	65
Naguabo.....	1	91	10	101
Rio Grande.....	1	149	4	153
Peñuelas.....	1	4	1	5
Luquillo.....	1	.....	2	2
Totals.....	48	16,674	624	17,298

TREATMENT CAMPAIGN Municipality	No. of Insp.	Census	Treat- ments	Cures
Arecibo.....	4	1,441	2,538	1,199
Humacao.....	4	.....	1,687	387
Mayagüez.....	5	2,156	1,236	585
Rio Piedras.....	3	1,693	1,176	694
Totals.....	16	5,290	6,037	2,816

REINSPECTION OF LATRINES Municipality	No. of Insp.	Prev. App.	April	Total
Adjuntas.....	1	203	41	244
Aguada.....	1	1,537	18	1,555
Aguadilla.....	1	1,905	28	1,933
Añasco.....	1	470	7	477
Arecibo.....	3	1,948	64	2,012
Barceloneta.....	1	417	14	431
Bayamón.....	2	494	41	525
Camuy.....	1	986	29	1,015
Corozal.....	1	919	38	957
Guaynabo.....	1	12	14	106
Hatillo.....	1	480	21	501
Isabela.....	1	1,380	.....	1,380
Juncos.....	1	4	.....	4
Las Marias.....	1	573	.....	578
Lares.....	1	1,090	3	1,093
Manati.....	1	569	5	574
Moca.....	1	108	12	121
Morovis.....	1	279	25	404
Quebradillas.....	1	159	14	173
Rincón.....	1	121	.....	121
Santa Isabel.....	1	57	9	66
San Sebastián.....	1	649	5	654
Vega Baja.....	1	943	.....	943
Totals.....	26	15,473	394	15,867

BUREAU OF RURAL SANITATION

Report of the Uncinariasis Campaign in Porto Rico for the Month of
May 1928

LATRINE CAMPAIGN Municipality	Number of Inspector	Previously approved	May	Total
Caguas.....	2	3,737	65	3,802
Comerio.....	4	1,450	60	1,510
Fajardo.....	1	1,047	20	1,067
Hormigueros.....	1	314	.....	314
Humacao.....	3	2,320	24	2,344
Jayuya.....	2	699	36	735
Maricao.....	3	751	25	776
Naranjito.....	3	589	105	694
Rio Piedras.....	4	2,153	55	2,208
San Lorenzo.....	2	546	77	623
Villalba.....	2	1,573	33	1,606
Yabucoa.....	4	847	77	924
Dorado.....	1	80	14	94
Toa Alta.....	3	69	26	95
Toa Baja.....	1	98	18	116
Trojillo Alto.....	3	219	92	311
Arroyo.....	1	157	8	165
Barros.....	1	494	12	506
Celba.....	1	49	7	56
Manabo.....	1	65	2	67
Naguabo.....	1	101	6	107
Rio Grande.....	1	153	5	158
Peñuelas.....	1	5	.....	5
Luquillo.....	1	2	8	10
Totals.....	47	17,298	775	18,073

TREATMENT CAMPAIGN Municipality	Number of Inspector	Census	Treatments	Cures
Humacao.....	4	975	2,065	1,024
Mayaguez.....	5	2,161	1,224	452
Rio Piedras.....	4	2,078	1,467	592
Villalba.....	4	1,605	1,242	700
Totals.....	17	6,819	5,998	2,768

REINSPECTION LATRINE Municipality	Number of inspections	Previously approved	May	Total
Adjuntas.....	1	244	52	296
Aguada.....	1	1,555	20	1,575
Aguadilla.....	1	1,933	.....	1,933
Añasco.....	1	477	12	489
Arecibo.....	3	2,012	80	2,092
Barceloneta.....	1	481	20	451
Bayamón.....	2	525	64	589
Camuy.....	1	1,015	20	1,035
Corozal.....	1	957	40	997
Guaynabo.....	1	106	23	129
Hatillo.....	1	501	20	521
Humacao.....	3	.....	12	12
Isabela.....	1	1,380	.....	1,380
Juncos.....	1	4	.....	4
Las Marias.....	1	578	9	587
Lares.....	1	1,093	1	1,094
Manatí.....	1	574	.....	574
Moca.....	1	121	15	136
Morovis.....	1	404	.....	404
Quebradillas.....	1	173	14	187
Santa Isabel.....	1	66	12	78
San Sebastián.....	1	654	3	657
Vega Baja.....	1	943	2	945
Totals.....	28	15,746	419	16,165

MONTHLY REPORT OF MUNICIPAL HEALTH UNIT

Río Piedras, May 1928

Population		Urban	Rural	Total
		7,657	20,437	28,094
I. HEALTH EDUCATION				
Lectures				15
Moving picture shows				6
Attendance				
Printed matter distributed	64			
Newspaper articles				
II. COMMUNICABLE DISEASE CONTROL				
1. Reports of cases and deaths		Cases	Deaths	
Aukylotomiasis	53			
Chicken pox	2			
Infectious conjunctivitis	6			
Diphtheria	6			
Dysentery, amoebic				
Dysentery, bacillary				
Malaria	5			
Mumps	3			
Syphilis	16			
Tuberculosis, pulmonary	29	20		
Tuberculosis, all other forms				
Typhoid and paratyphoid fevers				
Whooping cough				
Scabies	15			
Totals	141	20		
2. Laboratory Work		No.	Pos.	
Blood for Wassermann	118	16		
Blood smears for malaria	28	4		
Cultures for diphtheria	147	13		
Sputum for tuberculosis	62	6		
Feces for intestinal parasites				
Hookworm	133	64		
Ascariis		6		
Other parasites		37		
Urinalyses	10			
Widals	4			
Pus smears for gonococci	4	1		
Blood smear for filaria	1			
Differential count	1			
Totals	510	135		
3. Isolation and Quarantine				
Cases isolated	22			
Contacts quarantined	48			
Epidemiological investigations	21			
Visits by Health Officer	17			
Visits by Nurse	67			
Office consultations	489			
Carriers located, diphtheria	3			
4. Specific prophylaxis treatment				
Completed antityphoid inoculations				
Completed toxin antitoxin administrations	527			
Smallpox vaccination	1			
Prophylactic diphtheria antitoxin	13			
Diphtheria carriers treated	3			
Persons given treatment, hookworm	25			
Malaria	4			
Diphtheria	8			
5. Tuberculosis control				
Cases under observation				185
Deaths during month				1
Discharged, removed				2
Hospitalized				
Total attendance at clinics				87
Number of clinics held				8
New persons attending clinics				32
New cases found, total				9
Advanced				6
Moderately advanced				6
Incipient				2
Under observation				44
Negative				14
Home visits made by nurse				46
III. CHILD HYGIENE				
1. Prenatal Work				
Clinics held				3
Prenatal cases under supervision				87
Births during month, full term				111
prematures (till-birth)				13
miscarriages				
Discharge for other reasons				
Total attendance at clinics				20
New patients attending clinics				10
Conferences for mothers				
Attendance at conferences				
Office consultations				3
Home visits of nurse				2
Prophylactic packages distributed				4
2. Infant and Maternal Hygiene				
Post-partum visits of nurse				
Infant hygiene clinics held				4
Infants examined				11
Infants referred to physicians				
Conferences for mothers				
Attendance at conferences				
Infant hygiene visits of nurse				52
3. Pre-school hygiene				
Clinics held				4
Children attending				4
Cases referred to physicians				
Conferences for parents				
Attendance at conferences				
Office consultations				5
Visits by nurse				
4. School medical inspection				
Children examined				
Children found with defects				
Total defects found				
Total corrections secured				791
Children referred to physicians or dentist				55
Absences investigated				
Smears from absentees positive for malaria				

MONTHLY REPORT OF MUNICIPAL HEALTH UNIT—Continued

Visits to schools.....	105	Permits for minor repairs.....	28
Rural zone.....		Convictions.....	3
Referred to physicians.....	33	The remaining cases are pending trial.....	
T. A. done.....	999		
Schicks done.....	1,912		
F. School Dental Clinic		4. Malaria and mosquito control	
Hours of work.....	54	Total cases reported.....	5
Number of children examined.....	55	Blood smears for malaria.....	28
Prophylaxis.....	55	Blood smears positive.....	4
Fillings, amalgam 12; temporary 182.....	164	Spleens examined.....	
Extractions.....	163	Spleens palpable.....	
Abcess treatment.....	4	Schools under special observation.....	6
No. of Patients.....	334	Persons given treatment.....	
IV. SANITATION		5. Sanitary inspections	
1. General		Private premises.....	39
New privies installed.....	6	Schools, etc.....	3
Old privies repaired.....	12	Food handling establishments, total.....	356
Water samples collected.....		Markets.....	16
Statutory notices issued.....	27	Boarding houses.....	57
Prosecutions.....	14	Restaurants.....	2
Convictions.....	8	Slaughter houses.....	34
		Grocery stores.....	159
		Butcher shops.....	31
		Fruit stores.....	26
		Refreshment establishments.....	27
2. Milk Sanitation		Bakeries.....	4
No. of dairies under supervision.....	54	Barber shops.....	3
Approximate production of milk.....	8,394	Septic tanks.....	2
Visits to dairies.....	45	Filtering tanks.....	2
Dairies complying with requirements.....	4	Factories.....	2
No. of milk depots.....	13		
Visits to milk depots.....	27		
Complying with requirements.....	5		
Samples collected for bact. exam.....	1		
Samples not complying with regulations.....	3		
Samples collected for chem. exam.....			
Prosecutions.....		6. Health certificates	
Convictions.....		Applications.....	73
		Granted.....	47
3. Inspection of Constructions		Denied.....	4
Plans submitted to Sanitary Engineer.....	46	Pending.....	28
New houses.....	24		
Urbanization.....	1	V. SOCIAL WORK	
Additions.....	8	Old cases brought forward.....	
Alterations.....	5	New cases added.....	
Plumbing.....	8	Cases discharged.....	
Approved.....	34	Cases carried forward.....	
Rejected.....	12	Home visits.....	
Inspections.....	314	Visits of investigation.....	
New houses.....	184	Cases hospitalized.....	
Repairs.....	41	Milk supplied, cases.....	
Additions.....	59	amount.....	
Alterations.....	12	Expenditure.....	
Plumbing.....	18	Receipts.....	
Constructions stopped.....	20		

VITAL STATISTICS OF PORTO RICO, FISCAL YEAR 1927-28
MONTH OF JANUARY

1. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES

Rank	International List No.	1. Causes of death	Deaths
1.....	31-37	Tuberculosis (all forms)	283
2.....	5	Malaria	184
3.....	29	Tetanus (neonatorum)	41
4.....	1 a	Typhoid fever	35
5.....	38	Syphilis	24
6.....	41	Purulent infection (septicemia)	19
7.....	29	Tetanus	17
8.....	16 abc	Dysentery (all forms)	16
9.....	9	Whooping cough	15
10.....	10	Diphtheria	7
11.....	11 b	Influenza	6
12.....	21	Erysipelas	4
13.....	7	Measles	1
14.....	20	Leprosy	1
15.....	8	Scarlet fever	1
Total			654

Rank	International List No.	2. All other diseases	Deaths
1.....	113	Diarrhea and enteritis (under 2 years)	351
2.....	114	Diarrhea and enteritis (2 years and over)	151
3.....	100 ab	Broncho pneumonia	150
4.....	160	Congenital debility	146
5.....	129	Chronic nephritis	127
6.....	164	Senility	110
7.....	99	Bronchitis (all forms)	110
8.....	101	Pneumonia	107
9.....	128	Acute nephritis	88
10.....	90	Other diseases of the heart	64
11.....	43-49	Cancer (all forms)	48
12.....	115	Ankilostomiasis	45
13.....	91 b	Arteriosclerosis	40
14.....	74 ab	Cerebral hemorrhage	35
15.....	88	Endocarditis and myocarditis	34
16.....	1 a	Simple meningitis	27
17.....	146	Puerperal septicemia	17
18.....	161 a	Premature birth (not stillbirth)	16
19.....	58 a	Pernicious anemia	15
20.....	162	Other diseases peculiar to early infancy	14
Total			2,035

1. Epidemic endemic and infectious diseases----- 654

2. All other diseases----- 2,035

Total----- 2,699

VITAL STATISTICS OF PORTO RICO—MONTH OF JANUARY 1928

Births, deaths, infant deaths, maternal deaths, stillbirths and marriages
by municipalities

	Births	Deaths	Under 1 year deaths	Maternal deaths	Still-births	Marriages (persons married)
PORTO RICO	4,117	2,689	725	39	446	1,378
Urban	1,423	872				
Rural	2,694	1,817				
1. Adjuntas	65	21	4	2	8	18
2. Aguada	41	34	11		3	18
3. Aguadilla	70	60	9	1	3	42
4. Aguas Buenas	16	17	9		7	18
5. Aibonito	39	29	6		6	2
6. Añasco	47	54	13	2	1	24
7. Arecibo	96	104	26		20	50
8. Arroyo	20	11	2	1	3	
9. Barceloneta	58	24	5		4	12
10. Barranquitas	39	21	3		6	10
11. Barros	28	14	3		5	30
12. Bayamón	87	57	11	2	5	14
13. Cabo Rojo	63	55	19		10	20
14. Caguas	163	115	31	4	22	46
15. Camuy	50	27	10		7	4
16. Carolina	43	29	9		1	18
17. Cataño	25	14	3		2	18
18. Cayey	76	73	21		7	26
19. Ceiba	24	6	1		1	6
20. Ciales	82	27	13	1	6	10
21. Cidra	66	34	9	1	12	16
22. Coamo	52	25	7		4	18
23. Comerío	54	29	7		4	10
24. Corozal	51	22	3		5	2
25. Dorado	22	16	5		3	6
26. Fajardo	63	35	10		8	22
27. Guaynabo	48	19	7		5	8
28. Guánica	37	21	7	1	2	8
29. Guayama	48	41	8		5	4
30. Guayanilla	21	17	6		2	4
31. Gurabo	47	31	3		4	2
32. Hatillo	54	26	5	1	3	10
33. Hormigueros	14	5			3	2
34. Humacao	64	42	9	1	6	14
35. Isabela	42	35	6	2	4	20
36. Jayuya	38	17	1	1	1	12
37. Juana Díaz	49	35	8	1	5	16
38. Juncos	56	28	6		6	12
39. Lajas	23	12	4			18
40. Lares	69	29	1	1	8	32
41. Las Marías	22	16	6	1		2
42. Las Piedras	35	16	5			20
43. Loíza	43	48	22			24
44. Luquillo	29	28	12			4
45. Manatí	64	45	19			18
46. Maricao	21	10	1			10
47. Maunabo	24	18	6	2		2
48. Mayagüez	111	101	24	3		58
49. Moca	32	23	8			12
50. Morovis	54	16	9	1		8

VITAL STATISTICS OF PORTO RICO—MONTH OF JANUARY 1928

Births, deaths, infant deaths, maternal deaths, stillbirths and marriages
by municipalities—Continued

	Births	Deaths	Under 1 year deaths	Maternal deaths	Still-births	Marriages (persons married)
51. Naguabo	56	42	12			14
52. Naranjito	47	21	7			10
53. Patillas	30	30	8	1		16
54. Peñuelas	45	16	8			8
55. Ponce	186	151	32	2		86
56. Quebradillas	28	21	2			2
57. Rincón	21	9	4			6
58. Río Grande	29	28	8			14
59. Río Piedras	96	70	15			30
60. Sabana Grande	42	18	4			18
61. Salinas	35	27	5			10
62. San Germán	58	40	2	1		40
63. San Juan	231	207	70	1		152
64. San Lorenzo	90	50	15			22
65. San Sebastián	79	32	14			26
66. Santa Isabel	21	10	2			8
67. Toa Alta	24	14	5			10
68. Toa Baja	30	20	5	2		
69. Trujillo Alto	28	11				4
70. Utuado	97	42	16	1		24
71. Vega Alta	48	23	4			8
72. Vega Baja	92	45	18	1		14
73. Villalba	28	27	7	1		28
74. Yabucoa	45	38	14			18
75. Yauco	75	45	13	1		36
76. Vieques (island of)	30	20	8	1		
77. Culebra (island of)						

VITAL STATISTICS OF PORTO RICO—MONTH OF FEBRUARY 1928

Births, deaths, infant deaths, maternal deaths, stillbirths and marriages
by municipalities—Continued

	Births	Deaths	Under 1 year deaths	Maternal deaths	Still-births	Marriages (persons married)
51. Naguabo.....	67	46	9	.....	5	22
52. Naranjito.....	36	10	4	.....	.....	18
53. Patillas.....	35	35	3	1	1	26
54. Peñuelas.....	35	10	.....	.....	4	26
55. Ponce.....	190	120	16	.....	31	98
56. Quebradillas.....	26	18	3	.....	5	4
57. Rincón.....	19	11	3	.....	.....	10
58. Río Grande.....	27	25	6	.....	4	14
59. Río Piedras.....	108	59	16	.....	15	44
60. Sabana Grande.....	30	25	5	2	6	10
61. Salinas.....	27	21	.....	.....	6	28
62. San Germán.....	60	42	7	.....	8	18
63. San Juan.....	271	181	29	1	35	84
64. San Lorenzo.....	88	43	10	1	5	10
65. San Sebastián.....	83	34	5	2	8	20
66. Santa Isabel.....	15	21	1	.....	2	10
67. Toa Alta.....	18	13	1	1	1	8
68. Toa Baja.....	42	20	4	.....	4	4
69. Trujillo Alto.....	23	8	3	.....	.....	8
70. Utuado.....	105	65	14	1	14	20
71. Vega Alta.....	60	16	2	1	1	6
72. Vega Baja.....	88	40	8	.....	4	4
73. Villalba.....	30	20	.....	.....	2	26
74. Yabucoa.....	75	43	14	.....	4	18
75. Yauco.....	90	36	3	1	21	30
76. Vieques (island of)....	32	14	3	.....	.....	.....
77. Culebra (island of)....	1	.....	.....	.....	.....	.....