

REPORT OF THE BUREAU OF TRANSMISSIBLE DISEASES

1925-1926

Typhoid Fever.

Seven hundred and nine cases were reported and 317 deaths. Epidemic outbreaks of this disease took place in several towns of the Island. These are mentioned in the table inserted below as well as the number of cases registered and vaccinations made:

Municipality	No. of Cases	No of Vacci- nations made
Arecibo.....	74	1,469
Barros.....	35	684
Jayuya.....	35	300
Lares.....	22	640
Rincón.....	21	220
Guayanilla.....	21	167
Luquillo.....	12	1,135
Mauati.....	9	988
Hatillo.....	7	174

Malaria.

Two thousand and five hundred and forty-three cases were reported and 1,755 deaths. Epidemic outbreaks took place in the following towns:

Vega Baja.....	560
Aguada.....	453
Salinas.....	441
Villalba.....	194

The number of cases registered in these four municipalities represents 64.8 per cent of the total cases registered in the Island.

The number of deaths due to malaria during the present year shows an increase of 281 as against the number registered the year before.

Diphtheria.

Two hundred and eighty-two cases of diphtheria were reported during the year and 131 deaths.

The work of immunization against diphtheria by means of the Toxin anti-toxin continues. The results of this work can be easily appreciated by comparing the number of cases reported during the last years in San Juan, where the morbidity from diphtheria has always been the highest. In 1923-24, 326 cases were reported; in 1924-25, 148 and in 1925-26, 88 cases. Three years of intensive

work of immunization have considerably reduced the morbidity, and no doubt it shall be brought to the lowest figures.

Four thousand nine hundred and eighteen Schick tests were made during the present fiscal year, of which 951 were positive, 19.33 per cent. The percentage of positive reactions last year was 23 per cent. The decrease registered this year is probably due to the fact that a large number of the tests were made in children of the higher grades and in many instances it was a second test.

A second test was carried out in eight schools, with a total of 650 children and 9.23 per cent of positive reactions. Fifty-nine children were vaccinated and one refused vaccination.

The following table shows the work carried out during the year by the Division for the prevention of Diphtheria:

Establishments	No. of Tests	Positive Reaction	Percentage	Vaccinated
<i>Public Schools</i>				
Abraham Lincoln	887	258	29.08	255
José J. Acosta	779	96	12.32	96
Román B. de Castro	679	129	19.00	129
Brumbaugh	590	68	11.53	68
José C. Barbosa	346	34	9.85	34
Barrio Obrero	417	43	3.32	43
Total	3,798	628	16.53	625
<i>Private Schools</i>				
Redemptorist Fathers	464	47	10.12	47
St. Tomás Aquino	146	77	52.74	76
Catholic Academy	96	38	39.48	36
Total	706	162	22.94	159
<i>Private Kindergartens</i>				
Mrs. Durand	21	4	19.05	4
Mrs. Ortiz	32	13	40.62	13
Mrs. Figueroa	32	10	31.25	10
Mrs. Escobosa	41	18	43.90	18
Mrs. Margenat	17	6	35.29	6
Mrs. Grau	22	11	50.00	11
Mrs. Biboll	46	15	32.61	15
Mrs. Pastor	37	17	45.94	17
Mrs. Rivera	45	20	44.44	20
Total	293	114	38.87	114
<i>Department of Health—(Dispensaries)</i>				
Barrio Obrero	17	3	17.65	3
Santurce	58	28	48.27	28
San Juan	46	16	34.78	16
Total	121	47	38.84	47
<i>Second Tests—Public and private Schools</i>				
A. Lincoln	244	26	10.65	26
J. J. Acosta	87	10	11.49	10
Barrio Obrero	17			
J. C. Barbosa	73	2	2.73	2
Redemptorist Fathers	47	5	10.64	5
Catholic Academy	16			
Brumbaugh	73	1	1.35	
Román B. de Castro	88	16	18.18	16
St. Tomás Aquino	5			
Total	650	60	9.23	59

Tuberculosis.

Two thousand and forty-four cases were reported during the year and 3,408 deaths. No relation can be established between the morbidity and mortality due to this disease. As a matter of fact, the study of the above figures shows that not all the cases of tuberculosis are reported by the physicians. The mortality figures are reliable as all deaths are registered in Porto Rico.

Infantile Tetanus.

The death-rate from infantile tetanus has increased during the present fiscal year. Five hundred and thirty deaths were registered as against 491 registered in 1924-25 and 503 in 1923-24.

Measles.

Epidemic outbreaks of this disease took place in the following towns:

Humacao	93
Maricao	34
Patillas	30
Salinas	39
Yabucoa	36
Aibonito	30

Vaccinations

Schick tests	4,918
Vaccinations against diphtheria	1,942
Vaccinations smallpox	18,238
Vaccinations typhoid fever	10,841
Anti-rabic treatments	10

LEPER HOSPITAL

The lepers were transferred from the old Leper Colony at Cabras Island to the new Leper Hospital at Trujillo Alto on June 29th, 1926.

There are forty-three patients isolated in this hospital, classified according to sex, race, age and former residence as follows:

SEX

Male	30
Female	13
Total	43

RACE

White	29
Colored	14
Total	43

PORTO RICO HEALTH REVIEW

AGE	
Adults.....	40
Children.....	3
Total.....	43

FORMER RESIDENCE	
San Juan.....	8
Patillas.....	8
Naguabo.....	6
Ponce.....	3
Aguadilla.....	2
Río Grande.....	2
Guayama.....	2
Coamo.....	1
Vega Baja.....	1
San Lorenzo.....	1
Caguas.....	1
Trujillo Alto.....	1
Vieques.....	1
Fajardo.....	1
Añasco.....	1
Manatí.....	1
Río Piedras.....	1
Colombia, S. A.....	1
St. Croix, V. I.....	1
Total.....	43

There are also two lepers under observation at the Quarantine Hospital.

QUARANTINE HOSPITAL

The movement of patients in this hospital during the present fiscal year is as follows:

Number of patients on June 30, 1925.....	15
Admitted during the year.....	196
Total.....	211
Patients discharges:	
Cured.....	154
Improved.....	26
Transferred.....	2
Not improved.....	13
Deaths.....	9
Total.....	204
Patients under treatment on June 30, 1926.....	7

Diagnosis of the Diseases Treated

Typhoid fever.....	26
Measles.....	12
Diphtheria.....	31
Leprosy.....	2
Tuberculosis.....	3
Malaria.....	20
Syphilis.....	8
Chicken pox.....	39
Hepatic colic.....	2
Tonsilitis.....	10
Gastroenteritis.....	1
Adenoid vegetations.....	1
Cancer of the uterus.....	1
Tubercular adenitis.....	1
Pernicious anemia.....	4
Hepatitis.....	1
Paralysis.....	1
Inguinal hernia.....	2
Rheumatism.....	1
Inguinal adenitis.....	2
Abscess.....	2
Hydrocele.....	4
Anti-rabic treatment.....	3
Uremia.....	2
Fistula of the Gaus.....	1
Trachsotomy.....	1
Fracture.....	2
Hemorrhoides.....	3
Prolapse of the uterus.....	5
Osteomyelitis.....	1
Lumbago.....	1
Varicocele of the legs.....	1
Mumps.....	4
Genococci infection.....	2
Tinea tonsurans.....	1
Dysentery.....	1
Total.....	211

