

STATISTICAL REPORTS

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

| Clinics | New Patients | Old Patients | Total number treated during month |
|--------------------|--------------|--------------|-----------------------------------|
| Aguadilla..... | | | |
| Barrio Obrero..... | | | |
| Caguas..... | | | |
| Cataño..... | 29 | 68 | 97 |
| Coamo..... | 5 | 25 | 30 |
| Guayama..... | | | |
| Juncos..... | 4 | 24 | 28 |
| Mayagüez..... | 21 | 72 | 93 |
| Ponce..... | 54 | 54 | 108 |
| Santurce..... | | | |
| Vieques..... | 10 | 43 | 53 |
| Yauco..... | | | |
| Totals..... | 123 | 286 | 409 |

REPORT OF THE WORK DONE IN THE SOCIAL HYGIENE CLINICS DURING THE MONTH OF SEPTEMBER 1928

| Activities | Clinics | | |
|--|----------|-------|--------|
| | San Juan | Ponce | Juncos |
| Total number of patients treated during the month..... | 214 | 97 | 105 |
| New patients..... | 59 | 19 | 11 |
| Old patients..... | 155 | 609 | 273 |
| Adults } Males..... | 37 | 11 | 7 |
| } Females..... | 22 | 7 | 1 |
| Children under 12 years } Boys..... | 2 | 0 | 0 |
| } Girls..... | 0 | 0 | 0 |
| With syphilis } Primary..... | 4 | 2 | 1 |
| } Secondary..... | 61 | 1 | 3 |
| } Congenital..... | 2 | 1 | 1 |
| } Latent..... | 12 | 0 | 1 |
| } Tertiary..... | 0 | 0 | 0 |
| New patients admitted to the venereal disease clinics..... | 2 | 1 | 0 |
| New patients with other venereal diseases..... | 0 | 0 | 0 |

REPORT OF THE WORK DONE IN THE SOCIAL HYGIENE CLINICS DURING THE MONTH OF OCTOBER 1928

| Activities | Clinics | | |
|--|----------|-------|--------|
| | San Juan | Ponce | Juncos |
| Total number of patients treated during the month..... | 277 | 114 | 83 |
| New patients..... | 83 | 26 | 6 |
| Old patients..... | 194 | 609 | 284 |
| Adults } Males..... | 59 | 14 | 7 |
| } Females..... | 24 | 7 | 1 |
| Children under 12 years } Boys..... | 2 | 0 | 0 |
| } Girls..... | 0 | 0 | 0 |
| With syphilis } Primary..... | 8 | 2 | 1 |
| } Secondary..... | 62 | 1 | 1 |
| } Tertiary..... | 1 | 1 | 1 |
| } Congenital..... | 3 | 1 | 1 |
| } Latent..... | 12 | 0 | 1 |
| New patients admitted to the venereal disease clinics..... | 9 | 5 | 0 |
| New patients with other venereal diseases..... | 0 | 0 | 0 |

MONTHLY REPORT OF THE BIOLOGICAL LABORATORY
September 1928

| Examinations | Positives | Negatives | Totals |
|--|------------|--------------|--------------|
| <i>Blood</i> | | | |
| Malaria..... | | 230 | 230 |
| Plasmodium Vivax..... | 27 | | 27 |
| Plasmodium Falciparum..... | 4 | | 4 |
| Differential Count..... | | | 8 |
| Hemoglobin percentage..... | | | 1 |
| Red Blood Cells Count..... | | | 1 |
| White Blood Cells Count..... | | | 4 |
| Filaria..... | 1 | | 1 |
| <i>Serum Diagnosis</i> | | | |
| Widal Reaction (Typhoid Fever)..... | 66 | 149 | 215 |
| Widal Reaction (Paratyphoid A)..... | | 1 | 1 |
| Widal Reaction (Paratyphoid B)..... | | 1 | 1 |
| Incomplete Widal Reaction..... | | | 5 |
| Wassermann (Syphilis)..... | 138 | 696 | 744 |
| Wassermann (Anticomplementary)..... | | | 37 |
| <i>Cerebro-Spinal Fluid</i> | | | |
| Wassermann (Anticomplementary)..... | | | 1 |
| <i>Examination of Feces</i> | | | |
| Intestinal Parasites..... | | 108 | 108 |
| Uncinaria..... | 17 | | 17 |
| Uncinaria, and Ascarides..... | 1 | | 1 |
| Uncinaria, Trichocephalus..... | 11 | | 11 |
| Uncinaria, Trichocephalus, Ascarides..... | 5 | | 5 |
| Trichocephalus..... | 57 | | 57 |
| Trichocephalus and Bilharzia..... | 1 | | 1 |
| Trichocephalus and Ascarides..... | 20 | | 20 |
| Trichocephalus and Anguillula..... | 1 | | 1 |
| Ascarides..... | 13 | | 13 |
| Anguillula..... | 3 | | 3 |
| <i>Exudates, Transudates and Secretion</i> | | | |
| Koch's Bacillus..... | 85 | 146 | 231 |
| Naso-pharyngeal exudates: | | | |
| Diphtheria..... | 20 | 156 | 176 |
| Diphtheria carriers..... | 3 | 207 | 210 |
| Diphtheria (Virulent Test)..... | | 1 | 1 |
| Hansen's Bacillus (Leprosy)..... | | 1 | 1 |
| Urethral exudate: | | | |
| Gonococcus..... | 3 | 37 | 40 |
| <i>Bacteriological Examinations</i> | | | |
| Water..... | | | 1 |
| Syrup..... | | | 1 |
| Cheese..... | | | 1 |
| Blood Culture (Typhoid Fever)..... | | 2 | 2 |
| Endemic Abortion..... | | 2 | 2 |
| <i>Chemical Microscopic Examinations</i> | | | |
| Urine..... | | | 95 |
| Samples rejected..... | | | 104 |
| Totals..... | 476 | 1,647 | 2,382 |

MONTHLY REPORT OF MUNICIPAL HEALTH UNIT

Río Piedras, October 1928

| Population----- | Urban | Rural | Total |
|---|------------|------------|------------|
| 7, 291 | 21, 528 | 28, 819 | |
| I. HEALTH EDUCATION | | | |
| Lectures | | | |
| Moving picture shows | | | |
| Attendance | | | 181 |
| Printed matter distributed | | | |
| Newspaper articles | | | |
| II. COMMUNICABLE DISEASE CONTROL | | | |
| 1. Reports of cases and deaths | | | |
| | Cases | Deaths | |
| Ankylostomiasis | 140 | | |
| Chicken pox | 1 | | |
| Infectious conjunctivitis | 4 | | |
| Diphtheria | | | |
| Dysentery, amoebic | | | |
| Dysentery, bacillary | 19 | 1 | |
| Malaria | | | |
| Mumps | 27 | | |
| Syphilis | 27 | 14 | |
| Tuberculosis, pulmonary | | | |
| Tuberculosis, all other forms | | | |
| Typhoid and paratyphoid fevers | | | |
| Whooping cough | | | |
| Influenza | 1 | | |
| Scabies | 7 | | |
| Totals | 225 | 15 | |
| 2. Laboratory Work | | | |
| | No. | Pos. | |
| Blood for Wassermann | 141 | 26 | |
| Blood smears for malaria | 78 | 18 | |
| Cultures for diphtheria | 84 | 8 | |
| Sputum for tuberculosis | 32 | 3 | |
| Feces for intestinal parasites | 249 | | |
| Hookworm | | 140 | |
| Ascariis | | 21 | |
| Other parasites | | 115 | |
| Urinalyses | 4 | | |
| Widals | 1 | 6 | |
| Contage Diferencial | | | |
| Filariasis | 1 | | |
| Gonococci | 14 | 6 | |
| Totals | 604 | 340 | |
| 3. Isolation and Quarantine | | | |
| Cases isolated | | 6 | |
| Contacts quarantined | | 34 | |
| Epidemiological investigations | | 38 | |
| Visits by Health Officer | | 27 | |
| Visits by Nurse | | 59 | |
| Office consultations | | 325 | |
| Carriers located, diphtheria | | 3 | |
| 4. Specific prophylaxis and treatment | | | |
| Completed antityphoid inoculations | | | |
| Completed toxin antitoxin adminis- trations | | | |
| Smallpox vaccination | | 18 | |
| Prophylactic diphtheria antitoxin | | 6 | |
| Diphtheria carriers treated | | 3 | |
| Persons given treatment, hookworm | | | |
| Malaria | | 104 | |
| Diphtheria | | 16 | |
| Scabies | | 4 | |
| Total units of diphtheria antitoxin 41,000. | | 7 | |
| 5. Tuberculosis control | | | |
| Cases under observation | | | 77 |
| Deaths during month clinic cases | | | 2 |
| Discharged, removed | | | 42 |
| Hospitalized | | | |
| Total attendance at clinics | | | 110 |
| Number of clinics held | | | 8 |
| New persons attending clinics | | | 32 |
| New cases found, total | | | 14 |
| Advanced | | | 5 |
| Moderately advanced | | | 2 |
| Incipient | | | 7 |
| Under observation | | | 14 |
| Negative | | | 4 |
| Home visits made by nurse | | | 100 |
| III. CHILD HYGIENE | | | |
| 1. Prenatal Work | | | |
| Clinics held | | | 5 |
| Prenatal cases under supervision | | | 33 |
| Births during month, full term, clinic cases | | | 2 |
| Premature, clinic cases | | | |
| Miscarriages, clinic cases | | | |
| Discharged for other reasons | | | 7 |
| Total attendance at clinics | | | 32 |
| New patients attending clinics | | | 16 |
| Conferences for mothers | | | |
| Attendance at conferences | | | |
| Office consultations | | | 17 |
| Home visits of nurse | | | 40 |
| Prophylactic packages distributed | | | 6 |
| 2. Infant and Maternal Hygiene | | | |
| Post-partum visits of nurse | | | 10 |
| Infant hygiene clinics held | | | 4 |
| Infants examined | | | 10 |
| Infants referred to physicians | | | |
| Conferences for mothers | | | |
| Attendance at conferences | | | |
| Infant hygiene visits of nurse | | | 34 |
| 3. Pre-school Hygiene | | | |
| Clinics held | | | 4 |
| Children attending | | | 16 |
| Cases referred to physicians | | | |
| Conferences for parents | | | |
| Attendance at conferences | | | |
| Office consultations | | | 13 |
| Visits by nurse | | | 40 |
| Discharges | | | 7 |
| 4. School medical inspection | | | |
| Children examined | | | 142 |
| Children found with defects | | | 142 |
| Total defects found | | | 594 |
| Total corrections secured | | | |
| Children referred to physicians or dentists | | | |
| Absences investigated | | | |
| Smears from absentees positive for ma- laria | | | 2 |
| Home visits, urban zone | | | 20 |
| Rural zone | | | 4 |
| Hookworm treatment | | | 83 |
| Visits to schools | | | 14 |
| A. School Dental Clinic | | | |
| Hours of work | | | 51 |
| Number of new children examined | | | 74 |
| Prophylaxis | | | 23 |
| Fillings | | | 53 |
| Extractions | | | 91 |
| Abcess treatment | | | 2 |

MONTHLY REPORT OF MUNICIPAL HEALTH UNIT—Continued

| IV. SANITATION | | | |
|---|-------|---|-------|
| 1. General | | | |
| New privies installed..... | | Blood smears positive..... | 18 |
| Old privies repaired..... | | Spleens examined..... | |
| Water samples collected..... | | Spleens palpable..... | |
| Statutory notices issued..... | 18 | Schools under special observation..... | |
| Prosecutions..... | | Persons given treatment..... | 16 |
| Convictions..... | | | |
| 2. Milk Sanitation | | 5. Sanitary inspections | |
| No. of dairies under supervision..... | 54 | Private premises..... | 79 |
| Approximate production of milk—quarts..... | 8,094 | Schools, etc..... | 17 |
| Visits to dairies..... | 13 | Food-handling establishments—total..... | 1,880 |
| Dairies complying with requirements..... | 30 | Markets..... | 5 |
| No. of milk depots..... | 18 | Boarding houses..... | 0 |
| Visits to milk depots..... | 227 | Restaurants..... | 595 |
| Complying with requirements..... | 18 | Slaughter houses..... | 38 |
| Samples collected for bact. exam..... | | Grocery stores..... | 672 |
| Samples collected for chem. exam..... | 35 | Butcher shops..... | 103 |
| Samples not complying with regulations..... | 2 | Fruit stores..... | 74 |
| Prosecutions..... | | Refreshment establishments..... | 306 |
| Convictions..... | | Bakeries..... | 67 |
| | | Other inspections..... | 1,167 |
| 8. Inspection of Constructions | | 6. Health certificates | |
| Plans submitted to Sanitary Engineer..... | 45 | Applications..... | 27 |
| New houses..... | 31 | Granted..... | 3 |
| Additions..... | 8 | Denied..... | 4 |
| Alterations..... | 5 | Pending..... | 9 |
| Plumbing..... | 6 | Cancelled..... | |
| Approved..... | 40 | Renewed..... | 13 |
| Rejected..... | 4 | | |
| Inspections..... | 229 | V. SOCIAL WORK | |
| New houses..... | 82 | Old cases brought forward..... | 1,500 |
| Repairs..... | 98 | New cases added (families)..... | 41 |
| Additions..... | 32 | Cases discharged (families)..... | 1,325 |
| Alterations..... | 12 | Cases carried forward (families)..... | 216 |
| Plumbing..... | 5 | Home visits..... | 37 |
| Constructions stopped..... | 37 | Visits of investigation..... | 497 |
| Permits for minor repairs..... | | Cases hospitalized..... | 2 |
| Prosecutions..... | 5 | Milk supplied cases..... | 96 |
| Convictions..... | 2 | Milk supplied—amount..... | 192 |
| The rest of the cases are pending of trial..... | | Expenditures..... | 2,904 |
| | | Receipts..... | 2,904 |
| 4. Malaria and mosquito control | | Cases given Material Relief..... | 4 |
| Total cases reported..... | 78 | Cases given beds and blankets..... | 17 |
| Blood smears for malaria..... | 81 | Cases given clothing children..... | 68 |
| | | Cases given clothing adults..... | 17 |

VITAL STATISTICS OF PORTO RICO—MONTH OF AUGUST 1928

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

| | Births | Deaths | Under 1 year deaths | Maternal deaths | Stillbirths | Marriages (persons married) |
|------------------------|--------|--------|---------------------------|--------------------|-------------|-----------------------------------|
| PORTO RICO | 5,310 | 2,568 | 664 | 29 | 382 | 1,510 |
| Urban | 1,974 | 893 | 228 | 7 | ..... | ..... |
| Rural | 3,336 | 1,705 | 436 | 22 | ..... | ..... |
| 1. Adjuntas | 82 | 21 | 7 | 1 | 9 | 32 |
| 2. Aguada | 63 | 37 | 11 | ..... | 4 | 16 |
| 3. Aguadilla | 100 | 64 | 14 | 1 | 5 | 6 |
| 4. Aguas Buenas | 48 | 14 | 5 | ..... | 4 | 14 |
| 5. Aibonito | 37 | 12 | ..... | ..... | 5 | 6 |
| 6. Añasco | 55 | 36 | 14 | ..... | 1 | 22 |
| 7. Arecibo | 184 | 104 | 20 | 2 | 20 | 50 |
| 8. Arroyo | 26 | 14 | 3 | 1 | ..... | 6 |
| 9. Barceloneta | 59 | 29 | 8 | ..... | 4 | 16 |
| 10. Barranquitas | 37 | 13 | 5 | ..... | 3 | 14 |
| 11. Barros | 44 | 7 | ..... | ..... | 2 | 4 |
| 12. Bayamón | 108 | 33 | 8 | ..... | 5 | 24 |
| 13. Cabo Rojo | 68 | 39 | 11 | ..... | 5 | 28 |
| 14. Caguas | 148 | 95 | 25 | ..... | 23 | 72 |
| 15. Camuy | 54 | 24 | 10 | 1 | 5 | 10 |
| 16. Carolina | 65 | 26 | 10 | ..... | 1 | 22 |
| 17. Cataño | 19 | 8 | 4 | ..... | 1 | 6 |
| 18. Cayey | 87 | 55 | 15 | ..... | 9 | 13 |
| 19. Ceiba | 20 | 9 | 4 | ..... | ..... | 8 |
| 20. Ciales | 64 | 24 | 7 | 2 | 1 | 16 |
| 21. Cidra | 51 | 19 | ..... | ..... | 6 | 10 |
| 22. Coamo | 66 | 22 | 10 | ..... | 2 | 4 |
| 23. Comerío | 62 | 21 | 3 | ..... | 2 | 16 |
| 24. Corozal | 58 | 16 | 6 | ..... | 8 | 10 |
| 25. Dorado | 18 | 10 | 4 | ..... | 2 | 10 |
| 26. Fajardo | 51 | 37 | 11 | ..... | 3 | 28 |
| 27. Guaynabo | 68 | 10 | 5 | ..... | 5 | 12 |
| 28. Guánica | 36 | 16 | 8 | ..... | 2 | 12 |
| 29. Guayama | 90 | 43 | 12 | ..... | 10 | 18 |
| 30. Guayanilla | 51 | 13 | 2 | ..... | ..... | 24 |
| 31. Gurabo | 33 | 21 | 3 | 1 | 7 | 16 |
| 32. Hatillo | 82 | 37 | 8 | ..... | 3 | 12 |
| 33. Hormigueros | 14 | 11 | 2 | ..... | 1 | 8 |
| 34. Humacao | 91 | 51 | 13 | 1 | 7 | 18 |
| 35. Isabela | 76 | 43 | 7 | 1 | 10 | 44 |
| 36. Jayuya | 56 | 13 | 2 | 1 | 1 | ..... |
| 37. Juana Díaz | 48 | 21 | 3 | ..... | 4 | 6 |
| 38. Juncos | 72 | 36 | 6 | ..... | 4 | 22 |
| 39. Lajas | 41 | 20 | 9 | 1 | 3 | 8 |
| 40. Lares | 116 | 42 | 14 | 2 | 11 | 44 |
| 41. Las Marías | 23 | 9 | 6 | ..... | 2 | 4 |
| 42. Las Piedras | 83 | 15 | 3 | ..... | 3 | 12 |
| 43. Loíza | 63 | 31 | 10 | ..... | 5 | 10 |
| 44. Luquillo | 37 | 22 | 4 | ..... | 3 | 2 |
| 45. Manatí | 75 | 47 | 14 | ..... | 6 | 12 |
| 46. Maricao | 37 | 12 | 5 | ..... | 3 | 8 |
| 47. Maunabo | 27 | 14 | 3 | 1 | 1 | 2 |
| 48. Mayagüez | 213 | 112 | 24 | 2 | 16 | 62 |
| 49. Moca | 49 | 28 | 8 | 1 | 7 | 20 |
| 50. Morovis | 47 | 17 | 6 | 1 | ..... | 12 |