

REPORT OF THE BUREAU OF SANITARY ENGINEERING OF THE DEPARTMENT OF HEALTH

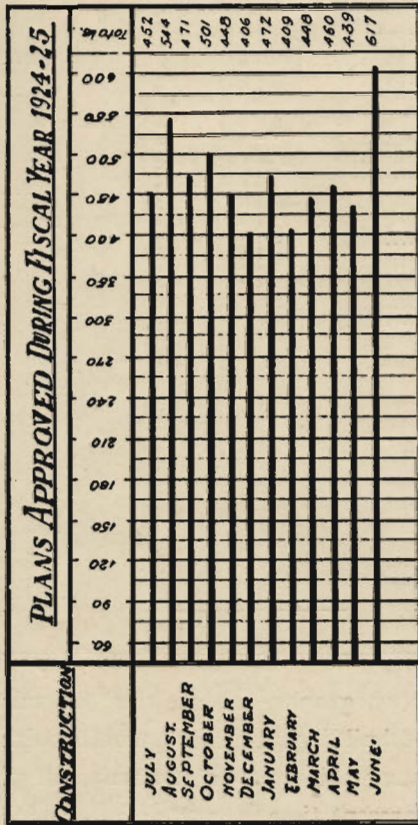
1924-1925

During the fiscal year ending June 30th, 1925, the Bureau of Sanitary Engineering approved the following plans:

Construction of buildings.....	5,432
Building repairs.....	296
Urbanizations.....	57
Water-supply systems.....	2
Sewerage systems.....	7
Sanitary installations.....	2,301
Total.....	8,095

The following table shows the total number of plans submitted to the Bureau of Sanitary Engineering during the year. The distribution by municipalities is as follows:

Municipality	Building constructions		Building extensions		Total approved
	Approved	Rejected	Approved	Rejected	
Adjuntas.....	23	16	2	3	25
Aguada.....	43	15	2	3	45
Aguadilla.....	49	16	20	3	69
Aguas Buenas.....	10	13	6	6	16
Aibonito.....	20	3	7	1	27
Añasco.....	23	4	14	4	37
Arecibo.....	100	8	23	.....	123
Arroyo.....	10	.....	7	1	17
Barceloneta.....	9	1	2	1	11
Barranquitas.....	20	4	7	2	27
Barros.....	9	3	4	2	18
Bayamón.....	108	15	44	9	152
Cabo Rojo.....	22	5	3	2	25
Caguas.....	152	33	54	15	206
Camuy.....	23	9	11	7	34
Carolina.....	33	6	4	.....	37
Cayey.....	44	2	9	5	58
Ceiba.....	16	3	7	2	23
Ciales.....	22	3	2	1	24
Cidra.....	15	1	3	.....	18
Coamo.....	16	3	1	.....	17
Cataño.....	67	19	21	10	88
Comerio.....	25	10	4	3	29
Corozal.....	11	2	1	.....	12
Dorado.....	17	1	4	2	21
Fajardo.....	28	4	9	1	37
Guaynabo.....	21	2	3	1	24
Guánica.....	16	12	4	1	20
Guayama.....	135	9	82	8	217
Guayanilla.....	8	5	.....	.....	8
Gurabo.....	24	8	12	.....	36
Hatillo.....	24	.....	4	4	28
Hormigueros.....	8	1	.....	.....	8
Humacao.....	61	6	16	8	77



Municipality	Building constructions		Building extensions		Total approved
	Approved	Rejected	Approved	Rejected	
Isabela.....	23	2	9	4	32
Jayuya.....	13	7	9	4	22
Juana Díaz.....	45	10	8	2	63
Juncos.....	49	7	7	.....	56
Lajas.....	21	2	6	3	27
Lares.....	20	5	2	2	22
Las Marías.....	7	2	1	2	8
Las Piedras.....	13	1	2	1	15
Loíza.....	57	2	55	5	112
Luquillo.....	16	1	1	.....	17
Manatí.....	40	11	8	4	48
Maricao.....	11	8	1	.....	12
Maunabo.....	17	6	6	4	23
Mayagüez.....	330	69	32	8	362
Moca.....	9	3	1	1	10
Morovis.....	29	1	3	1	32
Naguabo.....	36	14	16	10	52
Naranjito.....	16	3	.....	.....	16
Patillas.....	17	3	1	.....	18
Peñuelas.....	5	4	2	.....	7
Ponce.....	228	36	154	21	382
Quebradillas.....	47	17	11	4	58
Rincón.....	3	2	1	.....	4
Río Grande.....	18	6	5	1	23
Río Piedras.....	331	170	179	60	510
Sabana Grande.....	19	.....	.....	.....	19
Salinas.....	27	17	15	5	42
San Germán.....	38	9	8	2	46
San Juan.....	1,139	222	273	89	1,412
San Lorenzo.....	41	8	13	1	54
San Sebastián.....	52	15	16	3	68
Santa Isabel.....	5	8	2	.....	7
Toa Alta.....	10	2	1	.....	11
Toa Baja.....	29	3	4	1	33
Trujillo Alto.....	32	8	6	.....	38
Utuado.....	21	8	4	7	25
Vega Alta.....	16	2	3	1	19
Vega Baja.....	18	3	5	.....	23
Villalba.....	5	.....	.....	.....	5
Yabucoa.....	25	2	7	.....	32
Yauco.....	40	17	9	9	49
Vieques (Island of).....	16	4	5	.....	21
Culebra (Island of).....	3	.....	.....	.....	3
Total.....	4,149	961	1,234	360	5,432

We are including two graphs, one showing the number of plans for the construction of buildings approved monthly during the fiscal year and the other enumerating the total number of plans approved since 1913 up to the present time.

The number of plans approved during the fiscal year 1924-1925 shows a remarkable increase as compared with the number approved in former years.

PLUMBING

Two thousand three hundred and one plans for the installation of sanitary fixtures were approved during the year, with 10,582 fixtures classified as follows:

Months	Plans		Total number of plans examined	Fixtures approved				Total
	Approved	Rejected		Sinks	Water closets	Bath tubs	Other fixtures	
July	132	13	145	138	227	46	253	664
August	194	8	202	190	296	74	359	919
September	165	19	184	181	223	76	288	768
October	182	10	192	208	314	80	439	1,041
November	147	0	147	158	212	50	260	680
December	154	2	156	169	259	65	361	854
January	145	1	146	156	234	74	303	767
February	197	0	197	199	326	87	399	1,011
March	421	0	421	251	298	88	388	1,025
April	170	0	170	190	268	78	344	880
May	171	6	177	191	252	58	294	795
June	223	20	243	223	377	125	451	1,178
	2,301	79	2,380	2,256	3,286	901	4,139	10,582

The Examining Board held examinations for master and journeyman plumbers at San Juan on December 13, 1924. Out of eight candidates who reported for the master's licence only one qualified, and one out of five qualified for the journeyman's license.

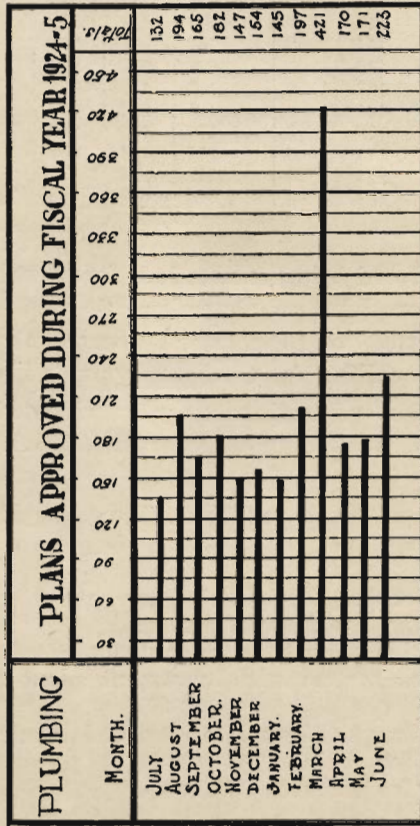
On June 20, 1925, new examinations were held at the city of San Juan. Out of fourteen candidates reported only five journeymen plumbers qualified.

During the present fiscal year the following plans have been approved:

- Improvement of the Aguadilla sewer system,
- Extension of the Arecibo sewer system,
- Extension of the Fajardo sewer system,
- Complete sewer system with treatment plant for the Leper Colony,
- Sewer system for the Insane Hospital and Insular Sanatorium,
- Sewer system for Salinas,
- Sewer system for Yabucoa.

Of the seventy-five municipalities with the small island of Culebra twenty-six have water works and sewerage systems, or 31.2 per cent of all the municipalities.

Twenty-nine municipalities have water-supply system only; twenty-one have neither water works nor sewerage systems; two-thirds of the municipalities have water-supply systems; about one-third have both systems. Of the remaining twenty municipalities which have neither water works nor sewerage systems, about one-half are raising the necessary funds to construct both systems and with the cooperation of the Department of Health the proper treat-



ment of all the water-supply systems is being introduced in many towns and cities.

MOSQUITO CONTROL

The activities of the division in charge of mosquito control have been directed this year, as in former years, mainly to the destruction of small breeding places by means of petrolization in the city of San Juan. The Bureau of Malaria Control with the central office located at Fajardo, is in charge of the campaign against malaria in the Island.

The table and diagram inserted below show the work done during the fiscal year 1924-1925, including breeding places destroyed, petrolizations effected and inspections made in San Juan.

Mosquito Extermination in the City of San Juan During the Fiscal Year 1924-1925

Number of inspections made:	
Houses	136,890
Lots	10,160
Piers	322
Stables	299
Stores	1,146
Breeding places petrolized:	
Culex	9,614
Stegomya	2,557
Anopheles	412
Breeding places emptied:	
Culex	5,997
Stegomya	1,821
Anopheles	101
Possible breeding places emptied	26,120
Possible breeding places destroyed	18,964
Notifications made	4,613
Reinspections made:	
Executed	2,014
Under execution	446
Not executed	434
Ditches opened (lineal meters)	11,955
Ditches petrolized	7,898
Sewers petrolized	13,192
Latrines petrolized	29,486
Mouras tanks petrolized	10,228
Swamps, ponds, etc., petrolized	9,678
Automatic oilers filled	144
Gallons of mosquito oil used	7,341½

ANTI-TUBERCULOSIS SANATORIUM

The present fiscal year marks a new epoch in the construction program of the Anti-tuberculosis Sanatorium.

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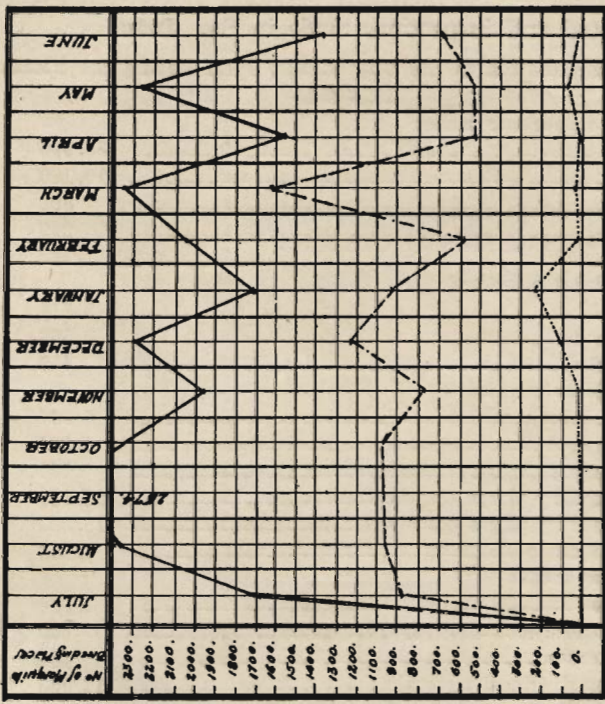
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DEPARTMENT OF HEALTH

GRAPHIC SHOWING
MOSQUITO BREEDING PLACES.



LEGEN.

- Culex
- - - Stegomyia
- Anopheles

Four new cottages have been built at an approximate cost of \$11,000 and more are under construction.

One of these cottages was donated by María Crosas de Saldaña, two were donated by the Junior Red Cross and another by José V. Cintrón.

A new and modern building to accommodate sixty convicts who are employed on the farm, in the stable, etc., has just been finished at a total cost of \$10,688.04.

Three magnificent homes for the resident physicians will soon be ready for occupancy.

A new modern dairy for sixty cows is finished. This is a model stable with all the latest improvements.

Bids have been opened for the construction of a new story and for the repairing of the new children's hospital.

The construction of these buildings has been financed out of an assignment of \$100,000 made by the Legislature in August 29th, 1923.

Some other improvements such as the paving and asphaltting of the remaining half of the main avenue, improvements of the grounds, and side walks, have been carried out.

This construction program will be continued during the next fiscal year.

