

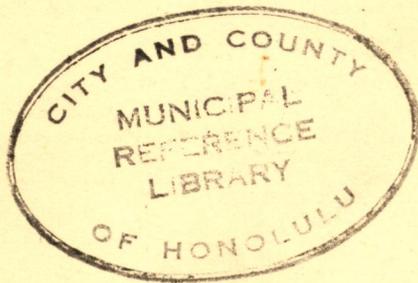
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ANNUAL REPORT

Honolulu.
CITY & COUNTY HEALTH DEPARTMENT

1938



RA443
H6
1938

For Reference

Not to be taken from this room

Honorable Mayor Chas. S. Crane
and Members of the Board of Supervisors,
City and County of Honolulu
Honolulu, T. H.

RA 448
H6
1938-

Gentlemen:

I am pleased to submit herewith the Annual Report for the work accomplished by your Health Department during the year 1938:-

THE EMERGENCY UNIT

Emergency cases requiring surgical attention numbered 7,569 while 3,354 medical cases were treated, making a total of 10,923 emergency cases. Of this total number, there were 7,683 males and 3,240 females.

Automobile traffic accidents during the year 1938 numbered 1,671 in which 1,638 persons were injured. Of this number 1,028 were treated at the Emergency Unit. It cost the City and County \$4,389.75 to hospitalize 84 indigents who were injured in automobile accidents. A total of 40 deaths occurred on Oahu from automobile traffic accidents; all of these victims were examined by our physicians to determine the cause of death, of which 8 cases involved alcoholic drivers. There were 34 persons treated from injuries received in street-car accidents during the year. Three deaths occurred from motorcycle accidents.

Of the total number of emergency cases, the following classification is of interest:-

Fractures reduced	388
Alcoholics examined and treated	657
Assault & Battery Cases cared for	489
Cases where the injuries received were from fireworks, most of which resulted in disfiguring scars	9
Burns other than from the above	183
Poison Cases (mostly involving children).....	85
Food poisoning cases	57
Suicidal attempts	79
Dog Bites attended	115
Other Bites	85
Cases of infection caused by neglect of wounds	371
Gunshot wounds	22
Stab Wounds	91



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Asthmatics relieved	231
Communicable disease cases diagnosed	70
Sprains attended	156
Nail wounds treated	209
Other puncture wounds such as fish bones, splinters, etc.	265
Infants suffering from malnutrition cared for	7
Cases of epilepsy revived	45
Foreign bodies in eyes	103
Cases of conjunctivitis corrected	70
Dislocations reduced	54
Children in convulsions revived	36
Boils lanced and treated	56
Cases of constipation relieved.....	85
Head injuries suffering from concussion ...	39
Drowning cases requiring the use of a resuscitator	15
Industrial Accident Cases attended (Not C&C)	232
Amputations done	39
Hernia cases diagnosed and referred to general hospitals for repair	9
Incised wounds, lacerations, hematomas, abrasions, contusions, etc. attended	7253
Household accidents (lacerations, wringer accidents, etc.)	91
Upper respiratory infections	70
Number of persons brought in for care of injuries received from falls	247

The disposition of all emergency cases after treatment follows:-

Total number cases	10,923
Treated and discharged	4369
Treated and asked to return	242
Treated and discharged to police.....	1300
Given palliative care and referred to their own physicians	2183
Treated and turned over to the Naval Shore Patrol	58
Treated and turned over to Navy Physicians.	21
Treated and referred to their respective companies' compensation physicians	258
Treated and turned over to Military Police.	65
Treated and discharged to the U.S. Dispensary	8
Treated and transferred to Tripler General Hospital	19
Treated and transferred to Queen's Hospital	728

Treated and transferred to St. Francis Hospital	134
Treated and transferred to Kauikeolani Children's Hospital	254
Treated and transferred to Japanese Hospital	57
Treated and transferred to Naval Hospital	26
Treated and transferred to U.S. Public Health Service	1
Treated and transferred to the C&C Indigent Invalid Home	10
Treated and transferred to Detention Home	1
Treated and referred to the Tuberculosis Bureau	3
Fatalities received and sent to the Morgue	145
Treated and referred to the Palama Settlement Dispensary for subsequent treatment	1054

An analysis of the time schedule for these cases is of interest. Of the 10,923 cases received,

3,965 occurred between 7:00 A.M. and 3:00 P.M.,
5,201 occurred between 3:00 P.M. and 11:00 P.M. and
1,757 occurred between 11:00 P.M. and 7:00 A.M.

A nationality scale shows the following:-

Caucasians	2,183
Portuguese	1,867
Japanese	1,511
Part-Hawaiian	1,184
Hawaiian	931
Porto Rican	675
Filipino	588
Chinese	593
Korean	298
Spanish	50
Negroes	44
All Others	999

The cost of operating the Health Department during the last year shows a slight decrease; this has been brought about through our untiring efforts to effect same:-

	<u>1937</u>	<u>1938</u>
Purchase, new ambulance	4,200.00	-0-
Salaries & Payrolls	66,271.87	73,093.30
Substitutes Salaries	515.00	-0-
Vacation Substitutes	515.00	-0-
Materials, Supplies & Incidentals .	13,380.54	13,995.16
Operation of Morgue, M.S.I.	387.18	287.50
General Hospital Expense	125,597.12	119,960.56
Psychiatric Hospitalization -		
Observation only	1,915.10	3,582.30
Queen's Hospital, Occupational		
Therapy	250.00*	500.00
Burial of Indigent Dead	3,741.46	4,804.63
Financial Investigation - Auto-		
mobile Allowance	360.00	360.00
Food Inspection - Automobile		
Allowance	1,116.45	1,133.35
Rural Physicians, Medical Supplies.	<u>531.00</u>	<u>383.31</u>
	<u>\$218,530.72</u>	<u>218,100.11</u>

There were a total of 1,583 calls made by the ambulance during the past year. 389 of these were in answer to emergency calls, 1,141 were transfers from homes to hospitals and nursing homes and/or vice versa, and 53 requests for the ambulance were false alarms.

The cost of operating the ambulance is as follows:-

Gasoline, oil, repairs, tires, etc.	1,485.80
Insurance	174.00
Depreciation	1,260.00
Emergency staff (S&P less 50% - other duties)	<u>8,328.07</u>
	\$11,247.87

Note:* Included in General Hospital Expense total.

CITY AND COUNTY PHYSICIAN'S DEPT.

Number of cases treated by the Physician's Department during the year:-

Physical examinations, C&C employees	63
Industrial Accident Cases involving C&C employees	531
City and County Prisoners examined	1279
" " " " given medication	121
Assault and battery cases examined and cared for, for the Courts	5
Sex Irregularity cases examined	213
Cases of venereal disease found	61
Examinations made to determine pregnancies	7
Autopsies performed for the coroner	415
Investigations made where cause of death was obvious	9
Examinations made for applicants of driver's license to determine extent of physical defects	42
Daily medical patients	3318
House visits made to indigent sick in homes	2317
Yearly police physical examinations	290
Examinations of applicants for firemen	8
Individuals examined as to sanity	238
(Of this number, 129 were found insane; evidence)	
(presented in District Court resulted in committment)	
(of these individuals, 109 were found not a menace)	
(to the community and were released after examination)	
Chronic alcoholics examined	68
(46 were found totally unable to control their)	
(desire for alcoholic beverages and committed by)	
(District Court Judges to the "Special Ward" at the)	
(Territorial Hospital for treatment. 22 of the)	
(total number were found not a menace to society)	
(and in instances where jail sentences for vagrancy)	
(were not imposed, they were held under observation)	
(in Queen's Hospital until they had recovered suff-)	
(iciently to be discharged.)	
Examinations of Feeble-minded Persons	3
(There were 2 feeble-minded persons committed for)	
(institutional care and 1 allowed to remain at home)	
(under supervision during the past year.)	
Examinations made on persons addicted to the excessive use of opiates	25
(All of the above were committed to the Terr. Hospital	

Although there were only 4 suspected alcoholic drivers examined at the Emergency Hospital, the greatest proportion of this was done at the Police Department by police officers, referring only borderline cases for our doctors to examine.

The ever-increasing danger of the alcoholic driver is well shown by the following figures:-

Total number of automobile accidents	1671
Number of drivers involved in above accidents	2269
Drivers under influence of alcohol	315
Total pedestrians involved in accidents	480
Pedestrians under influence of alcohol	57
Total Fatalities	40
Fatalities from alcoholic drivers	12
Accidents resulting in property damage only	431
Accidents resulting in injuries requiring hospitalization or first-aid treatment, but non-fatal	1672

Rural physicians, working under the direction of the City and County Physician, operating clinics for indigent sick in the Ewa-Nanakuli, Waianae-Waipahu, Wahiawa, Waiialua, Koolauloa and Koolau-poko districts have reported a marked increase in patients during the past year. In addition, medico-legal work for the police in country districts was done. Indigents requiring hospitalization have been confined in plantation hospitals in their respective districts or referred to Dr. Mossman for general hospitalization in town.

GENERAL HOSPITALIZATION

Summary of the service rendered by hospitals from January 1st to December 31st, 1938, is as follows:-

Patients Hospitalized	3728
No. Hospital Days	33122
Average stay in hospitals per patient	8.88
Patients who had all hospital expenses paid	3498
Patients who had part of their hospital expenses paid..	247
Patients able to pay their own bills and therefore refused C&C hospitalization	324
Savings to C&C made possible by financial investigations	\$ 3,913.50
Total cost for above hospitalizations	\$119,960.56
Average cost per patient per day	\$ 3.62

The average cost per day for patients in the various hospitals in Honolulu is as follows:-

Queen's	\$4.56	St. Francis	\$4.12
Japanese	\$3.62	Children's	\$3.13
Kapiolani	\$3.60		

There were 33 hospitalizations to curb venereal disease, costing the City and County of Honolulu \$1,485.70 for 356 hospital days, in Queen's, St. Francis and Children's Hospitals.

Communicable disease hospitalizations (tuberculosis, pneumonia, diphtheria, measles, chicken pox, typhus, whooping cough, etc.) of 338 persons cost \$14,371.10. Hospital days totaled 4,093.

Firemen and policemen suffering injuries received in line of duty in Honolulu and rural districts cost the Health Department \$2,254.20 for 298 hospital days.

The mental health clinic pioneered by Dr. Ebaugh during his last visit here has been operating successfully as a unit at Queen's Hospital. During the five months period, utilizing the facilities of this clinic, it was demonstrated that a large number of cases might be treated here in Honolulu rather than committed to the Territorial Hospital. However, economically, it was demonstrated that the cost of such procedure would approximate \$1,000.00 a month. This amount has been asked for in the budget of the present year. If our mental health program is going to succeed, it is necessary that the County government provide funds to pay the hospital bills for the patients under observation and care at the Mental Health Clinic. Patients admitted on this service would necessarily be in accordance to the rules and regulations for hospital admission of other county patients.

During the past year there were 99 applicants for psychiatric hospitalization. 78 of this number were accepted as indigents and 8 as part City and County liability. 13 were rejected. Hospital days numbered 549, at a total cost of \$3,582.30 or an average cost per patient day of approximately \$6.53.

INDIGENT INVALID HOME

On the first of January, 1938, the Indigent Home was caring for a total of 81 patients, 68 of which were male and 13 female.

There was a total of 36,557 hospital days costing the City and County \$48,098.69 or approximately \$1.31 per patient per day to feed, shelter, clothe, furnish medical and nursing care to the sick during the year. These expenditures are distributed as follows:-

Salaries and Payrolls	\$ 25,425.90
Occupational Therapy	80.17
Maintenance and Repairs	597.97
Materials, Supplies and Incidentals	7,573.31
Food Supplies	11,572.03
Medical Supplies	<u>2,849.31</u>
	48,098.69
Less: Cash deposited with C&C Treasurer	<u>1,341.64</u>
	<u>\$46,757.05</u>

A total of 708 patients were cared for during the year, 523 of which were male and 185 female; 362 of these male patients were discharged and 130 females, making a total of 492 patients who recovered sufficiently to take their places among society; 46 were transferred to General Hospitals for further care. There were 89 patients who expired during the year, 71 being male and 18 female; out patients numbered 108.

The laundry plant accomodating the Emergency Unit as well as the Indigent Home has continued to be a great saving to the City and County with 252,428 pieces of laundry to its credit.

The Occupational Therapy Department has continued to give effective rehabilitation service to those requiring same. There were 119 patients benefiting from this service. From the sale of articles made by these patients, \$50.15 was collected, less disbursements amounting to \$14.76, leaving a net balance of \$162.40 in the bank at the close of business December 31st, 1938.

FINANCIAL INVESTIGATION

	APPROVED		DISAP- PROVED	TOTAL
	C&C.	PART C&C.		
Applicants for admission to:-				
Queen's Hospital	1,872	100	220	2,192
Kauikeolani Children's	722	74	52	848
St. Francis	433	53	29	515
Japanese Hospital	115	6	10	131
Kapiolani Maternity & Gyne.	30	12	7	49
Ewa Plantation	31			31
Waipahu Plantation	26			26
Aiea Plantation	4			4
Kahuku Plantation	98			98
Waialua	18			18
Indigent Invalid Home	627	20	32	679
Investigations for burials	171	28	52	251
Psychiatric Hospitalization	78	8	13	<u>99</u>
TOTAL INVESTIGATIONS				4,491

LABORATORY DEPARTMENT

Although our laboratory can only be classed as being very small, it has proven a most satisfactory adjunct to the services rendered by the Health Department, with a total of 2,998 individual cases benefited.

To assist the police in medico-legal work, 130 alcoholic determinations and 340 smears were examined and results reported to investigators.

A continued cooperation with the nation-wide program for the control of venereal diseases resulted in 513 Wassermanns and Kahns being run on clinical patients.

2,015 specimens from clinical and convalescent patients were reported on, consisting mostly of urines, blood counts and chemistries, sedimentations, cultures, sputums, etc.

MORGUE

The City and County Morgue, operated in conjunction with the Coroner's Office, received 745 cadavers for the following specific purposes:-

Investigations when cause of death is obvious	9
Autopsies in cases of accidental and violent deaths	274
Autopsies in cases of unattended deaths	131
Cremation of stillbirths and indigent infants	163
Autopsies performed on stillbirths and indigent infants to determine cause of death prior to cremation	17
Storage awaiting undertaker or final disposition	151

FOOD INSPECTION

Food inspection, as in the past, was carried on by five inspectors, as follows:- Hing Kai Luke, Milk Bacteriologist; Carl Bergstrom, Meat Inspector; Abel Fraga, Assistant Meat Inspector; Herman Clark, Poi Inspector and Jesse Uluihi, Fish Inspector. These inspectors working under the direction of the Territorial Food Commissioner, Mr. M. B. Bairos, utilize the laboratories of that department for their technical findings as there are no facilities to accomodate them at the Emergency Unit.

Milk Inspection: The analytical results of the milk taken from milk peddlers gave an average butterfat test of 3.96%, solids test of 12.82% and a median count of 9,900. Milk samples from our producers showed the following - average butterfat 3.65%, solids 12.53% and median bacteria count 33,000. Samples taken from semi-commercial dairies showed averages of 3.70% for butterfat, 12.30% for solids and 33,000 for bacteria count.

A total of 827 samples were examined for sediment. The summarized results of these tests showed that 481 samples rated clean, 340 samples rated fairly clean, and 4 samples rated slightly dirty.

Our milk herd numbers about 6,047 cows and our milk production is about 49,508 quarts or approximately 50 tons daily, from 4,680 milking cows, of which approximately 35,125 quarts or 70.9% is sold as pasteurized milk, 4,395 quarts or 8.9% is sold as certified milk, and 9,988 quarts or 21.2% is sold as raw and not certified. Milk consumption has increased 11.6% over last year.

There was a total of 67 dairies scattered throughout the City and County of Honolulu, in operation during the year.

Meat Inspection: During the year, 36,143 animals were slaughtered for market; carcasses retained numbered 209 and carcasses condemned numbered 100. There were 4,073 parts condemned for tuberculosis, worms and abscesses, sour and tainted, flukes, downers, actinomycosis. 681 pounds of pork and beef were condemned because they were sour and tainted and heavily bruised. 1,530 pounds of tainted and bruised meat was condemned at the markets and destroyed by the inspectors.

There were 59 inspections made of meat imported by individuals into Honolulu from Hawaii, Lanai, and Molokai. There were 29 slaughter houses in operation in Honolulu, during the past year.

There was no tuberculosis found in dairy cattle.

Poi Inspection: A total of 4,925 inspections were made with 177 faulty practices noted and corrected. 187 samples of poi were collected and tested from 14 factories, showing an average solidity test of 29.77%. Fifty-five samples of ready-mixed poi were collected from cafes showing an average of 17.99% solid content.

There were 3,548,145 pounds of poi manufactured for sale during the year.

Fish Inspection: A total of 25,323 inspections were made at fish stalls, ice-boxes, and peddlers carts. There were 5,729,608 pounds of fish offered for sale during the year. 1,077 pounds of fish were condemned as unfit for human consumption.

CONCLUSION

In conclusion I wish to thank Honorable Mayor Charles S. Crane and the Members of the Board of Supervisors for their cooperation in the affairs of the City Health Department.

It has made possible the best of hospital and convalescent care for the needy and provided prompt and adequate Emergency service for the unfortunate as detailed in this report.

To the late Mayor G. Fred Wright, credit is due for his whole hearted support of the ten year plan of growth and development of this department. A continuation of this plan is heartily recommended and should include as soon as funds are available;

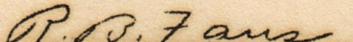
1. Reconstruction of Wards B & C at the Indigent Home
2. Financial support of the Mental Health Clinic
3. Acquisition of property (old Territorial Hospital site), adjacent the Convalescent Home for
 - a. Home for dependant children
 - b. Home for delinquents

Pending legislation meriting support includes

1. Adequate inspection service for Meat and Dairy products by the Territorial Board of Health
2. Establishment of a bureau of Mental Hygiene with a Mental Health Clinic
3. A tuberculosis program as presented from the survey conducted by Dr. Douglas
4. Reorganization of the Territorial Hospital under an independant directorate.
5. Revision of present committment laws.

I wish to commend the Doctors and Staff at the Emergency Unit, the Convalescent Home, and at the various hospitals for the excellent service rendered to patients.

Respectfully submitted,



R. B. FAUS, M. D.
C. & C. PHYSICIAN

