

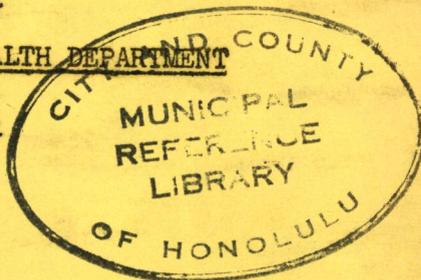


ANNUAL REPORT

of

CITY & COUNTY HEALTH DEPARTMENT

1936



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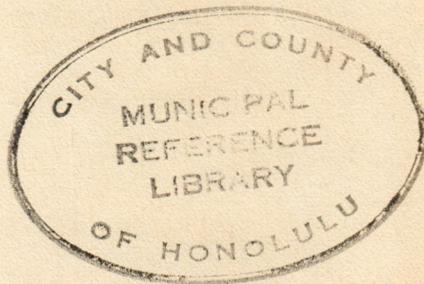
ANNUAL REPORT

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Honolulu.

CITY & COUNTY HEALTH DEPARTMENT
" "

1936



R. B. FAUS, M.D.
City & County Physician

#69 Copy #1

Honorable Mayor G. Fred Wright and
Members of the Board of Supervisors,
City and County of Honolulu
Honolulu, T. H.

Gentlemen:

I am pleased to submit herewith the Annual Report for the work accomplished by your Health Department during the year 1936:-

I. THE EMERGENCY UNIT

Emergency cases requiring surgical attention numbered 6,851 while 4,552 medical cases were treated, making a total of 11,403 emergency cases. Of this total number, there were 8,276 males and 3,127 females.

Automobile traffic accidents during the year 1936 numbered 1,565 in which 1,622 persons were injured. Of this number 1,027 were treated at the Emergency Unit. It cost the City and County \$2,565.05 to hospitalize indigents who were injured in traffic accidents. A total of 47 deaths occurred on Oahu from automobile traffic accidents; 46 of these victims were examined by our physicians to determine the cause of death, of which several cases involved alcoholism. There were 40 persons treated from injuries received in street-car accidents during the year, with 1 fatality.

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

Fractures reduced.....	361
Alcoholics examined and treated	740
Assault & Battery Cases cared for.....	516
Cases where the injuries received were from fireworks, most of which resulted in disfiguring scars	25
Burns other than from the above	204
Poison Cases (mostly involving children).....	86
Food poisoning cases	43
Suicidal attempts	101
Dog Bites attended	95
Other Bites	54
Cases of infection caused by neglect of wounds.....	330
Gunshot wounds	34
Stab Wounds	37
Asthmatics relieved	276
Pneumonia cases diagnosed	38
Sprains attended	167
Nail wounds treated	266
Other puncture wounds such as fish bones, splinters, etc.	346
Infants suffering from malnutrition cared for	2
Cases of epilepsy revived	42
Foreign bodies in eyes	112

Cases of conjunctivitis corrected	50
Dislocations reduced	63
Children in convulsions revived	29
Boils lanced and treated	100
Cases of constipation relieved	69
Head injuries suffering from concussion ...	41
Drowning cases requiring the use of a resuscitator	8
Industrial Accident cases attended (Not C&C).....	192
Amputations done	41
Hernia cases diagnosed and referred to general hospitals for repair	14
Incised wounds, lacerations, hematomas, abrasions, contusions, etc., attended....	7711

The disposition of all emergency cases after treatment follows:-

Total number cases11,403

Treated and discharged	5201
Treated and discharged to police	1193
Given palliative care and referred to their own physicians	1633
Treated and turned over to the Naval Shore Patrol	140
Treated and turned over to Navy Physicians.	24
Treated and referred to their respective companies' compensation physicians	192
Treated and turned over to Military Police	87
Treated and discharged to the U.S. Dispensary.....	5
Treated and transferred to Tripler General Hospital	30
Treated and transferred to Queen's Hospital	710
Treated and transferred to St. Francis Hospital	116
Treated and transferred to Kauikeolani Children's Hospital	200
Treated and transferred to Japanese Hospital	61
Treated and transferred to Naval Hospital	19
Treated and transferred to U.S. Public Health Service	8
Treated and referred to the Palama Dispensary for subsequent treatment	1662
Treated and transferred to the C&C Indigent Invalid Home	11
Treated and transferred to Detention Home	6
Treated and referred to the Hawaiian Humane Society	0
Fatalaties received and sent to the Morgue.	105

An analysis of the time schedule for these cases is of interest.
Of the 11,403 cases received,

4,223 occurred between 7:00 A.M. and 3:00 P.M.
5,402 occurred between 3:00 P.M. and 11:00 P.M.
1,778 occurred between 11:00 P.M. and 7:00 A.M.

A nationality scale shows the following:-

Americans	2037
Portuguese	2011
Japanese	1710
Part-Hawaiian	1508
Hawaiian	993
Porto Rican	737
Filipino	652
Chinese	588
Korean	381
Spanish	67
Negros	43
German	37
Russian	31
All Others	608

The cost of operating the Emergency Unit during the last year shows a slight increase over that of 1935, which is in accordance with the increased number of patients cared for:-

	<u>1935</u>	<u>1936</u>
Salaries and Payrolls	42,549.00	51,681.26
Substitutes Salaries	2,949.95	2,751.90
Materials, Supplies & Incidentals	12,991.95	12,574.13
Operation of Morgue, M.S.I.	503.66	676.47
General Hospital Expense	95,710.30	96,256.06
Tonsilectomies and Mastoid Ectomies	-0-	490.00
Psychiatric Hospitalization	512.70	521.95
Burial of Indigent Dead	9,186.13	5,331.75
Financial Investigator - Automobile Allowance ...	360.00	360.00
Food Inspection - Automobile Allowance	981.25	1,112.50
Pension Applicants' Examinations	172.50	-0-
Repairs to ambulance	495.00	-0-
Purchase, Filing Equipment	391.75	-0-
Rural Physicians, Medical Supplies	-0-	524.10
Purchase of Electric Fans	-0-	219.50
	<u>\$166,804.19</u>	<u>172,499.62</u>

Ambulance service has been carried on continuously since 1931 giving a gratifying and much needed service to the community.

There were a total of 1,582 calls made, 371 of which were in answer to emergency calls, 1,138 were transfers from homes to hospitals and nursing homes and/or vice versa, and 73 requests for the ambulance were false alarms.

The cost of operating the ambulance is as follows:-

Gasoline, oil, repairs, tires, etc.....	\$ 922.07
Insurance	35.20
Depreciation	853.14
Attendants, Stretcher Bearers (S&P less 50% - other duties).....	<u>6,577.50</u>
	\$ 8,387.91

Cost per call - \$5.302

A total of 16,213 miles were traveled, averaging 10 miles per call or \$.52 per mile. Exclusive of help, it cost \$1.20 per call. Average cost per month exclusive of depreciation was \$79.77 $\frac{1}{4}$.

II. CITY AND COUNTY PHYSICIAN'S DEPARTMENT

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

Industrial Accident Cases involving City and County employees	418
City and County Prisoners examined and cared for	981
Assault and Battery Cases examined and cared for, for the courts	19
Sex Irregularity cases examined	172
Cases of venereal disease found	15
Examinations made to determine pregnancies	19
Autopsies performed for the coroner	127
Investigations made where cause of death was obvious	14
Examinations made for applicants of driver's license to determine extent of physical defects	25
Daily medical patients	1,829
House visits made to indigent sick in homes	1,122
Yearly police physical examinations	281
Examinations of applicants for firemen	4
Individuals examined as to sanity	222
(Of this number, 141 were found insane; evidence presented in)	
(District Court resulted in commitment of these individuals.)	
(81 were found not a menace to the community and were re-	
leased after examination.)	
Chronic alcoholics examined	53
(45 were found totally unable to control their desire for al-	
coholic beverages and committed by District Court Judges to)	
(the "Special Ward" at the Territorial Hospital for treatment.)	
(18 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 Hospi-)	
tal until they had recovered sufficiently to be discharged.)	

Examinations of Feeble-minded persons	6
(There were 5 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 Territorial Hospital)	

Although there were only 5 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	1,565
Number of drivers involved in above accidents	2,169
Drivers under influence of alcohol	281
Total pedestrians involved in accidents	482
Pedestrians under influence of alcohol	57
Total fatalities	47
Fatalities from alcoholic drivers	12
Accidents resulting in property damage only	373
Accidents resulting in injuries requiring hospitalization or first-aid treatment, but non-fatal	1,151
Fatal accidents	41

III. GENERAL HOSPITALIZATION

Summary of the service rendered by hospitals from January 1st to December 31st, 1936, is as follows:-

Patients Hospitalized	4,078
No. Hospital Days	28,537
Average stay in hospitals per patient.....	6.99
Patients who had all hospital expenses paid	3,406
Patients who had part of their hospital expenses paid.....	187
Patients able to pay their own bills and therefore refused C&C hospitalization	485
Savings to C&C made possible by financial investigations.....	\$ 4,052.40
Total cost for above hospitalizations.....	\$ 96,256.06
Average cost per patient per day	\$ 3.23

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

Queen's	\$4.03	St. Francis	\$3.28
Japanese	\$3.04	Children's	\$2.45
Kapiolani	\$3.45		

During the year there were 30 applicants for psychiatric hospitalization, 28 of which were accepted as indigents and detained at Queen's Hospital under observation. Hospital days numbered 71 at a total cost of \$521.95 or an average cost per patient day of \$6.86.

IV.
FINANCIAL INVESTIGATION

The Financial Investigator studies the financial status of all applicants for City and County hospitalization, the following being a report of recommendations made by her during the year:-

	APPROVED		<u>Disapproved</u>	<u>Total</u>
	<u>C&C</u>	Part <u>C&C</u>		
Applicants for admission to:-				
Queen's Hospital	1,254	101	269	1,624
Kauikeolani Children's Hospital	651	46	140	837
St. Francis Hospital	323	27	58	408
Japanese Hospital	79	1	8	88
Kapiolani Maternity Hospital	28	12	48	88
Ewa Plantation Hospital	14	0	0	14
Waipahu Plantation Hospital	34	0	0	34
Aiea Hospital	8	0	1	9
Kahuku Hospital	33	0	0	33
Waiialua Hospital	5	0	1	6
Indigent Invalid Home	458	5	0	463
Investigations for burials	185	23	37	245
Psychiatric Hospitalization - Queen's..	23	0	2	<u>25</u>
 TOTAL INVESTIGATIONS				 <u>3,874</u>

V
INDIGENT INVALID HOME.

On January 1st, 1936 the Indigent Home was caring for a total of 81 patients, 70 of which were male and 11 female.

There was a total of 29,780 hospital days, costing the City and County \$37,969.61 or \$1,275 per patient per day to feed, shelter, clothe, furnish medical and nursing care, etc., to the convalescents during the year. These expenditures are distributed as follows:-

Salaries and Payrolls	\$ 16,772.98
Food Supplies	10,678.75
Medical Supplies.....	2,320.89
Materials, Supplies & Incidentals	7,793.15
Vacation Substitutes	<u>611.42</u>
	38,177.19
Less: Total Collections - Deposited with C&C Treasurer..	<u>207.58</u>
	<u>\$ 37,969.61</u>

TOTAL APPROPRIATIONS	\$38,347.68
Less: TOTAL EXPENDITURES	<u>38,177.19</u>
APPROPRIATIONS LAPSED	<u>\$ 170.49</u>

A total of 541 patients were cared for during the year, 446 of which were male and 95 female; 286 of these male patients were discharged and 75 females, making a total of 361 patients who recovered sufficiently to take their places among society; 32 were transferred to General Hospitals for further care. There were 91 patients who expired during the year, 75 being male and 16 female.

The laundry plant accommodating the Emergency Unit as well as the Indigent Home has continued to be a great saving to the City and County with 211,923 pieces of laundry to its credit.

From an occupational therapy sale held in December, 1935, \$69.30 was realized and with the permission of the Board of Supervisors, deposited in the Bank of Hawaii for use as a revolving fund. Sales of articles made during the year readily replaced money withdrawn for the purchase of materials and at the end of the year a balance of \$70.64 was on deposit in the bank to our credit.

Patients have greatly benefited by this form of rehabilitation and have taken away with them a brighter outlook on life, some returning periodically for further instruction in "hand work". With the completion of the contemplated work-shop this year, it is felt that more enthusiasm can be aroused, netting even greater benefits per patient.

VI. FOOD INSPECTION

Food inspection 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. Due to the lack of facilities at the Emergency Hospital, these inspectors work under the direction of the Territorial Food Commissioner, Mr. M. B. Bairos, utilizing the laboratories of that department for their technical findings.

Milk Inspection: The analytical results of the milk taken from milk peddlers gave an average butterfat test of 4.10%, solids test of 13.11%, and a median count of 6,800. Milk samples from our producers showed the following - average butterfat 3.80%, solids 12.45% and median bacteria count 183,000. Samples taken from semi-commercial dairies showed averages of 3.69% for butterfat, 12.26% for solids and 41,000 for bacteria count.

A total of 784 samples was examined for sediment. The summarized results of these tests showed that 342 samples rated clean, 434 samples rated fairly clean, and 8 samples rated slightly dirty.

Our milk herd numbers about 5,197 cows and our milk production is about 42,097 quarts or 46 tons daily, from 3,983 milking cows, of which approximately 28,440 quarts or 67.6% is sold as pasteurized milk, 4,560 quarts or 10.8% is sold as certified milk, and 9,097 quarts or 21.6% is sold as raw and not certified. Milk consumption has increased 12.6% over last year.

There was a total of 77 dairies scattered throughout the city and county of Honolulu, in operation during the year.

Meat Inspection: During the year, 39,921 animals were slaughtered for market; carcasses retained numbered 242 and carcasses condemned numbered 63. There were 3,282 parts condemned for tuberculosis, worms and abscesses, sour and tainted, flukes, downers, actinomycosis. Two beef and three hogs were condemned due to excessive bruises, and 160 pounds of pork, beef and venison were condemned because they were sour and tainted and heavily bruised.

There were 60 inspections made of meat imported into Honolulu from Hawaii, Lanai and Molokai. There were 21 slaughter houses in operation in Honolulu, during the past year.

Pork samples collected for laboratory analysis numbered 180.

A check on liver for flukes and abscesses at all slaughter houses with the exception of the Hawaii Meat Company, showed 1,149 livers which were unfit and therefore condemned. The disposition of liver flukes on Oahu is practically universal.

Poi Inspection: A total of 5,162 inspections were made with 224 faulty practices noted and corrected. 145 samples of poi were collected and tested from 17 factories, showing an average solidity test of 30.80%. Fifty-one samples of ready-mixed poi were collected from cafes showing an average of 18.18% solid content.

Only two dealers had a lower solid content for poi, according to Territorial Law; this was remedied in short time.

Fish Inspection: A total of 10,992 inspections were made at fish stalls, ice boxes, and peddlers carts. There were 5,262,721 pounds of fish offered for sale during the year. 2,305 pounds of fish were condemned as unfit for human consumption.

VII.

MORGUE

During the year, 679 cadavers were received for the following specific purposes:-

Investigations when cause of death is obvious	14
Autopsies in cases of accidental and violent deaths	127
Autopsies in cases of unattended deaths	206
Cremation of stillbirths and indigent infants	150
Autopsies performed on stillbirths and indigent infants to determine cause of death prior to cremation	13
Storage awaiting undertaker or final disposition	169

In conclusion, I wish to thank the Mayor and Board of Supervisors for their sincere and hearty cooperation throughout a year of financial stringency.

I beg to call your attention to certain pertinent facts that may be of value in securing a larger allocation of funds for Oahu.

The General Hospital appropriation estimate this year is \$130,500.00 of which only \$80,000.00 has been appropriated. The anticipated increase in this cost consists of:-

Additional to match 1936 figure.....	\$16,500.00
Increase in per diem cost from \$2.50 to \$3.00...	15,000.00
Firemen & Police Compensation costs	3,000.00
Hospitalization maternity cases	5,000.00
(Social Security maternal and infant Welfare)	
Contagious Diseases	7,000.00
Conservation of sight	1,000.00
Conservation of hearing	1,000.00
Blood Donors	1,000.00
Special Nurses	<u>1,000.00</u>
TOTAL	\$50,500.00

Of the \$96,256.06 expended in General Hospitalization for all indigent sick in 1936,

\$72,343.85 was expended for board and attendance,
6,055.60 for the use of the operating room,
815.50 for the use of the delivery room,
4,546.70 for X-Rays,
8,717.51 for medications,
914.00 for physiotherapy treatments,
575.00 for blood donors,
92.65 for special nurses, and
2,195.25 for laboratory fees.

If appropriate legislation were passed, this cost to the City and County of Honolulu may be reduced by the following:-

Reimbursement from outside counties for care of indigent sick.....	\$ 5,000.00
Food Inspection	12,000.00
(contemplated increase, \$30,000.00)	
Conservation of sight	1,000.00
Conservation of hearing	1,000.00
Infant and maternity hospitalization	5,000.00
Contagious disease isolation	7,000.00
Insurance coverage on all motor vehicles	<u>3,000.00</u>
TOTAL	\$34,000.00

The following charges are strictly health conservation measures, or their active application, and should therefore receive favorable consideration from the Legislature in increasing the appropriations for Oahu, or assuming them as Board of Health activities, and paid for in that budget:-

Meat, fish, milk, poi inspection	\$ 12,000.00
Sight Conservation	1,000.00
Conservation of hearing	1,000.00
Contagious disease isolation	7,000.00

Automobile accidents not covered by insurance cost the City and County \$2,565.05 for hospitalization, plus all the surgical service rendered by the Emergency Hospital in treating 1,622 injured persons.

The total health department activities last year cost the City and County:-

General Hospitalization	\$ 96,256.06
Emergency Unit	76,243.23
Indigent Invalid Home	<u>37,969.61</u>
	<u>\$210,469.23</u>

The anticipated increase during 1937, complying with the present demands is as follows:

Emergency Hospital, Vac. Substitutes	\$ 1,942.00
Psychiatric Hospitalization	1,600.00
General Hospital Expense	50,500.00
Pension applicants, examinations	250.00
Indigent Home, Food Supplies	2,000.00
" " Materials, Supplies & Incidentals.....	2,000.00
" " Medical Supplies.....	600.00
" " Vacation Substitutes	<u>993.75</u>
	<u>\$ 59,885.75</u>

CAPITAL EXPENDITURES:

Indigent Invalid Home, Enlargement of Ward Buildings, kitchen, laundry plant, boiler house, doctor's quarters, new servants quarters, etc.	\$ 35,000.00	(materials)
.....	20,000.00	(WPA Labor)
Furniture & Fixtures, Indigent Home	25,000.00	
Emergency Hospital, New Ambulance	4,200.00	
" " Miscellaneous Altera- tions.....	500.00	
Morgue, three car garage	300.00	
	<u>\$ 85,000.00</u>	

Respectfully submitted,

R. B. FAUS, M.D.
City & County Physician

