

Platt

P A L A M A S E T T L E M E N T

S T A T I S T I C A L R E P O R T

1 9 3 2

INCLUDING: MEDICAL DEPARTMENT
 NURSING DEPARTMENT
 RECREATION DEPARTMENT
 DENTAL CLINIC
 TUBERCULOSIS COMMITTEE
 (Financed entirely by
 Seal Sale.)
 FINANCIAL STATEMENT
 TRUSTEES & COMMITTEE MEMBERSHIP.

March 24, 1933.

SUMMARY OF PALAMA SERVICES

1 9 3 2

	<u>Visits or Interviews</u>	<u>Individuals Served</u>	
Medical Department	51,263	UNDETERMINED	1927 2420 19896
Medical Social Service Department	11,280	5,494	
Nursing Department			
Home care by Palama nurses	45,798	9,894	47,714 51,322
Prenatal, Infant & Preschool Conferences	18,894	4,995	17,866
Visits of school and kindergarten children to health room for in- dividual attention	24,046	UNDETERMINED	
Recreation Department	UNDETERMINED	15,000	
Children's Dental Clinic	26,203	6,552	16,472
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	177,484	41,935	

Tuberculosis Committee

(Educational information estimated to have reached
75,000 people.)

M E D I C A L D E P A R T M E N T

Attendance at Clinics

<u>Clinic</u>	<u>Initial Visit</u>	<u>Return Visit</u>	<u>Total Visit</u>
Weekly Skin	162	455	617
Twice weekly Eye, Ear, Nose & Throat	701	974	1,675
Daily Adult Dental	2,174	5,242	7,416
Daily Venereal Disease	730	14,273	15,003
Daily General Medical	4,168	20,097	24,265
Weekly Mothers' Health	367	490	857
Receiving Desk Interviews (Information only)	<u>1,430</u>		
	9,732	<u>41,531</u>	<u>51,263</u>

Classification of Visits

	<u>Number</u>	<u>Per cent</u>
Infants	1,531	3.0
Preschool	6,743	13.2
School age	13,974	27.2
Adult	<u>29,015</u>	<u>56.6</u>
	51,263	100.0
Number able to pay fees	12,041	24.2
Number not able to pay fees	37,198	74.6
Number unclassified	594	1.2
	<u>51,263</u>	<u>100.0</u>

Analysis of 37,198 Free Visits

	<u>Number</u>	<u>Per cent</u>
Insufficient income	12,442	33.4
Unemployed	8,020	21.6
Social Service Bureau cases	6,549	17.6
Other Agencies cases	5,069	13.6
Widows with dependent children	1,141	3.1
Incapacitated parent	1,095	2.9
Unemployed due to illness	986	2.7
Deserted women with children	670	1.8
Old and ill	617	1.7
Employed irregularly	574	1.5
Orphaned	35	.1
	<u>37,198</u>	<u>100.0</u>

Medical Department.

General Medical Clinic (Mornings)

Visits to dispensary		24,265
Minor dressings		7,579
Minor operations		181
Number of communicable diseases reported		200
Physiotherapy treatments given		257
No. of patients referred to hospital for treatment		185
Medical examination of staff members		60

Laboratory

Wassermans taken		479
Negative	377	
Positive	54	
Urinalysis		681
Coagulation test		221

X-Ray Division

Diagnostic:		
Chest x-ray for Board of Health		1,456
X-ray for Palama clinics		370
Fluroscopic examinations		24
Therapeutic:		
X-ray treatments		186
Radium treatments		6

Venereal Disease Clinic

During the year 1932 the Venereal Disease Clinic at Palama Settlement has treated 390 cases of syphilis and 406 cases of gonorrhoea, totaling 796. 362 of these were under treatment January 1st, 1932 and the balance, 434, were new cases admitted during the year. In addition 296 individuals were referred to the Clinic for diagnosis and were proven to be negative. In all 15,003 visits were made to the Clinic.

The direct cost of the Clinic, exclusive of overhead, rent, janitor service, light, power, water, accounting and supervision, amounted to \$6,794.36. Palama received from the Board of Supervisors the sum of \$4,200 for this work. (The appropriation for 1933 has been increased to \$7,200.) The average cost per treatment, of which there were 15,875, was \$.42 and the average cost per patient, of which there were 796, was \$.54. The entire amount which it was possible to collect from patients receiving this care was \$383.38.

A large proportion of the cases treated were individuals under the care of public or private institutions - the Juvenile Court, City and County Jail, Military Police and the Social Service Bureau. 14 per cent of the patients were under 5 years of age, 22 per cent between 6 and 19 years of age, 53 per cent between 20 and 29 years of age, and 31 per cent over 30 years of age.

Medical Department.

Mothers' Health Clinic

This Clinic, begun July 1, 1931, was reorganized in February 1932 with a full time clinic executive and clerk. July 1st, the medical direction of the clinic was assumed by Dr. Muriel Cass. Two clinics are held weekly from 1 to 4 P. M., at the Settlement, and a third afternoon devoted to clinic service away from the Settlement. Ninety-seven clinics have been held during the year. New patients have numbered 667, revisits numbered 1,188, making a total of 1,855 visits. Of these visits 857 were seen by the doctor, 998 by the clinic executive.

Palama Practices Preventive Medicine

Diphtheria immunizations of Child Health Conference children	636
Tetanus inoculations at Dispensary	197
Medical examinations of staff members	60
Medical examinations of Health Camp children	128
Medical examinations secured of football, basketball and volleyball players (961 by private physicians)	1,602
Tonsil and adenoid operations arranged for	156

Admissions and Records

Visits to Medical Department registered by Admitting Desk	51,263
New families registered at Palama Medical Department	2,665
New individuals registered at Palama Medical Department	5,253
Juvenile Court patients	599

Social Service

Interviews with doctors, nurses, social workers, employees and relatives	3,309
Interviews with patients	7,971
Patients referred for hospitalizations	673
Families declared ineligible	261
Visits on behalf of patients (6 months only)	314

Medical Department.

Medical Department Visits 1932

According to Racial Stock, as determined at each visit.

Japanese	9,529	
Hawaiian	5,807	} 9365
Asiatic-Hawaiian	1,701	
Caucasian-Hawaiian	1,857	
Filipino	7,087	
Porto Rican	6,831	
Portuguese	5,818	
Korean	3,869	
Chinese	2,854	
Caucasian-American	1,452	
Spanish	586	
Other Caucasian	447	
Others	<u>3,425</u>	
	51,263	

Medical Cooperation

Palama could not serve the community without the cooperation and service of many physicians and the support of the Medical Society. The following 36 physicians served during the year 1932.

Medical Clinic - Drs. J. W. Lam, F. H. Gaudin, D. I. Katsuki,
H. C. Hotshalk.

Eye, Ear, Nose & Throat Clinic - Drs. J. A. Morgan, F. A. Plum,
R. H. Hagood.

Skin Clinic - Dr. F. L. Putman.

Birth Control Clinic - Dr. Muriel D. Cass.

Venereal Disease Clinic - Drs. R. D. Millard, P. S. Irwin.

Prenatal Clinics - Drs. D. I. Katsuki, O. L. Schattenburg, L.
Gaspar, Paul Wiig, R. D. Millard, J. W.
Lam, A. D. Thaeler, G. Ferre, D. R.
Chisholm, H. Brewster.

Child Health Conferences - Drs. D. B. Bell, J. W. Lam, C. F.
Reppun, K. Miyamoto, Y. Kim, Marie Faus,
H. Q. Pang, A. V. Molyneux, V. Appleton,
F. H. Gaudin, K. C. Chock, D. I. Katsuki,
Walter Chung, H. Uchiyama, P. S. Irwin,
S. Katsuki, H. C. Akina, H. S. Paynter,
J. T. Kuninobu, T. Cowan, Y. P. Kang,
Tadao Hata, Richard Chun, G. Ferre, M. D.
Cass, H. Brewster, H. Gotshalk.

N U R S I N G D E P A R T M E N T

The public health nurses employed at Palama Settlement and those employed by the Bureau of Public Health Nursing of the Board of Health are doing what is known as generalized nursing. This means that each nurse is assigned to a well defined district and is responsible for all the public health nursing work in that area. This includes home visiting for maternity, health supervision, tuberculosis and other disease conditions as well as school nursing and child health and prenatal conference services.

In 1932 Palama Settlement nurses worked 33,453 hours in the various activities listed below.

Time Distribution

Field visits	32. %
School and kindergarten	10.5%
Conferences	15. %
Educational activities	
Staff	5. %
Students	2. %
Office	22.5%
Organized activities	1. %
Travel	12. %

Maternity Service

"Maternity service in the home includes nursing care given during pregnancy and care given mother and newborn after delivery. The care given includes instruction as to health habits, nutrition and other factors bearing on the general health of the prospective mother, preparation for the baby, actual care of the mother and baby after delivery, or instruction as to their care and general supervision of their health". Prenatal conference service includes periodic examination by a physician; taking of temperature, pulse, respiration and blood pressure; urinalysis and group instruction in hygiene for the expectant mother and her baby. Demonstrations show desirable food stuffs, clothes, toilet tray and other equipment including materials for home delivery.

During 1932, prenatal conferences were held at Palama Settlement, Punchbowl dispensary (transferred in July to Queen's Hospital), Kapiolani Maternity Hospital and St. Francis Hospital. In all these conferences Palama nurses are in charge, assisted at the various hospitals by their own nurses. Physicians are paid by Palama at the Settlement and Kapiolani Hospital; Queen's internes conduct the conferences at their hospital, and the house physician at St. Francis. Board of Health nurses assist at Palama and Kapiolani.

638 women made 2,552 visits to these 179 conference sessions. Only 293 of these visits were for post partum examination by the doctor. 90 packages of sterile supplies for use at home deliveries were sold or given to these patients. Wasserman and Kahn tests were made upon 405 women, 32 or 7.6 per cent of which were positive. In addition public health nurses from the Board of Health and Palama

NURSING DEPARTMENT.

Settlement made 12,586 visits in the interests of maternity service; 4,585 prenatal, 4250 post partum and 3,751 newborn.

Maternal Mortality

	<u>Total births</u>	<u>Maternal Deaths</u>	<u>Maternal Deaths per 1000 total births</u>
Entire City	4,329	25	5.8
Prenatal Conferences	455	0	0
	<u>3,874</u>	<u>25</u>	<u>6.5</u>

Stillbirths Mortality

	<u>Total births</u>	<u>Stillbirths</u>	<u>Stillbirths per 1000 total births</u>
Entire City	4,329	138	31.9
Prenatal Conferences	455	8	17.7
City minus prenatal conferences	3,874	130	33.6

Neo-Natal Mortality

	<u>No. of Livebirths</u>	<u>Number of Deaths under 1 month</u>	<u>Deaths under 1 month per 1000 livebirths neo-natal</u>
Entire City	4,191	134	32.0
Prenatal Conferences	447	3	6.7
City minus prenatal conferences	3,744	131	35.0

It will be observed that only about 10 per cent of the total births occurring in the City in the course of a year occurred among women registered at the Prenatal Conferences. An analysis of the births registered in the City of Honolulu for the fiscal year July 1931 - June 1932 according to the attendant at the delivery reveals the fact that 46.6 per cent were attended by physicians (55.6 per cent in hospitals), 40.2 per cent by midwives and 14.2 per cent by "others".

Health Supervision Service

Supervision of the health of supposedly well individuals of all age groups (exclusive of communicable disease contacts and suspects and maternity cases) is provided through periodic visits by nurses to homes and the attendance of patients at child health conferences. The instruction and supervision is relative to nutrition, clothing, rest, exercise, formation of habits of personal

NURSING DEPARTMENT.

hygiene, social and mental adjustments, observation of physical defects and the overseeing of their correction according to medical advice.

Child Health Conferences

Fifteen weekly and two bi-weekly conferences were conducted for well babies and children under six years by Palama's doctors, nurses and volunteers with assistance from the Board of Health nurses. Attendance of the doctors for the year averaged 93 per cent.

Conference sessions	818
Infants under 1 year enrolled	2,446
Infants' visits to conference	8,883
Children 1 to 6 years enrolled	1,911
Childrens' visits to conference	7,459

Field Visits

Public health nurses made 20,831 visits in the interest of health supervision service:

	<u>Board of Health</u>	<u>Palama</u>	<u>Total</u>
Infant	1,591	7,105	8,696
Preschool	1,570	6,316	7,886
Kindergarten	41	235	276
School	707	2,236	2,943
Adult	321	709	1,030
	<u>4,230</u>	<u>16,601</u>	<u>20,831</u>

Morbidity Service

"Morbidity service, which is often called bedside nursing, is concerned primarily with the care of sick persons under or pending medical care, but it also includes an extension of its work with cases of communicable disease, the supervision of persons who are suspected of having, or who are known to have been exposed to a communicable disease. The nursing is not limited to sick persons confined to their beds, but is given to ambulatory patients as well. The care is not only actual nursing but includes instructions as to health habits, nutrition and other factors bearing on the general health of the individual nursed".

Nursing care is not given without medical supervision except as nurses are permitted to give emergency care as prescribed

NURSING DEPARTMENT.

in standing orders approved by the Territorial Medical Association when there is no physician in attendance or when the physician has not left orders.

Public health nurses made 27,945 visits to homes or in behalf of patients on the morbidity service.

	Board of Health	Palama	Total
Non-communicable	795	2,466	3,261
Communicable	6,754	17,930	24,684
Tuberculosis	5,943	16,927	22,870
Venereal Disease	25	104	129
Acute Communicable	785	898	1,683
	<u>7,549</u>	<u>20,396</u>	<u>27,945</u>

Kindergarten and School Health Supervision

Palama nurses visited 13 kindergartens and 20 public schools twice weekly in order to assist the school authorities in promoting the health of the children and to aid in the prevention and control of communicable disease. Standing Orders approved by the Territorial Medical Association (Oct. 1930) were followed when first aid or other treatments were necessary.

<u>Services</u>	<u>Schools</u>	<u>Kindergartens</u>
Classroom inspections	700	113
Children in classroom inspections	24,703	8,072
Individual inspections	19,686	4,360
Treatments given	4,466	1,227
Children referred to family physician	637	150
Children referred to family dentist	117	79
Children excluded or excused	552	66
Children advised only	3,983	574
Conferences with parents	684	305
Conferences with principals	294	154
Conferences with teachers	2,554	300
Group health talks	106	10

Note: Visits to homes and agencies, etc., to further supervise the health of these children have been entered under Health Supervision service.

Affiliated Students

Four students from the Course in Public Health Nursing at the

NURSING DEPARTMENT.

University of Hawaii received the majority of their field experience at Palama Settlement from February 2nd to May 31. The educational supervisor, who was also the Director of the Course, gave theoretical instruction and demonstrations in nursing techniques. The field supervisors had charge of their practice work.

During November and December two senior students from the Queen's Hospital had similar instruction and practice in public health nursing with us through an affiliation which makes such experience at either the Board of Health or Palama Settlement an integral part of their nursing education.

Both groups of nurses made many visits and assisted in school and conference work thus giving the community more nursing service. On the other hand the supervisors' time and the additional records and equipment necessary must be entered on the debit side of the ledger. Although the value of the services given by these nurses probably cannot equal the cost of their training we feel that Palama Settlement and the Board of Health are justified in making this experience available to students because of the greater service which they will be able to render the community which they may later serve.

R E C R E A T I O N D E P A R T M E N T

Objectives of the Recreation Department for 1932

1. Community recreation for the largest possible number of people.
2. An adequate club and recreational program for natural groups of Oahu young men, through cooperation with the Honolulu Recreation Commission.
3. Development of leadership through participation in discussion clubs and through athletic officiating under proper supervision.
4. Cooking, handicraft and similar activity programs under the Girls' Department. Vocational home-making classes for adult women through cooperation with the Department of Public Instruction.
5. A properly supervised social recreation program for young adults.
6. Emphasis on cultural subjects through music and art classes and exhibits.
7. Personal supervision of juvenile delinquents and other probationers at the request of authorities.
8. An adequate physical education program for the local elementary schools through cooperation with the Department of Public Instruction.

Community Service Chart

	<u>1931</u>	<u>1932</u>
	<u>Individuals</u> <u>participating</u>	
1. Community leagues in cooperation with Recreation Commission and other organizations.....	2,772	6,812
2. Outside leagues renting Palama equipment.....	1,160	1,274
3. Ida Beatrice Castle Children's Playground.....	2,234	2,400 *
4. Individuals in neighborhood groups using Palama equipment.....	1,387	1,000 *
5. Public School Physical Education Classes at Palama.	1,778	1,338
6. Palama Learn-To-Swim Campaigns.....	1,031	1,375
7. Waialua Fresh Air Camp - camping & picnics, & physical education.....	2,482	3,522
8. Palama and Community clubs in cooperation with Department of Public Instruction, Scouts, Y.M.C.A. and week-day School of Religion, etc.....	623)	5,439
9. Membership (The 1,934 members served this year included in Palama & Community Clubs item, etc.)....	2,096)	_____
10. 1932 Total includes some over-lapping but nets more than 15,000 separate recreational contacts or different individuals served.....	15,563	23,210

* No accurate check on number of individuals using playground, athletic field, etc.

RECREATION DEPARTMENT.

Palama and Community Clubs

<u>GIRLS & WOMEN</u>		<u>BOYS & MEN</u>	
in		in	
Palama Clubs and Classes.....	387	Palama Clubs and Classes....	331
Athletic Clubs and Classes....	192	Community Clubs.....	305
Brownies (small Scouts).....	20	Scouting Units.(6).....	154
Tests for Scout Council.....	40	Tests for Scout Council.....	60
Vocational Home Making (Dept. Public Instruction).....	189	Y.M.C.A. Extension Clubs....	28
Total.....	828	Total.....	878

<u>MIXED</u> (attendance estimated)		<u>SPECIAL ACTIVITIES</u> (attendance estimated)	
Social Clubs.....	421	Special Social Groups.....	1,000
Swim Instruction Clubs.....	500	Seasonable Parties.....	2,500
Week-day School of Religion... Classes meeting at Palama	256	Gymnasium Dances (av. 500)	30,000
Ball Room Dancing Classes.....	300	Weekly Movies (av. 350) 2 shows each Saturday)...	37,500
Special Dancing Classes.....	256		
Thru Gym Dances.....	2,000		
Total.....	3,733	Total.....	71,000

Girls' and Women's Work Expanded

These figures do not include the Palama Circus attended by approximately 4,000 persons, 3 play days, 5 radio talks, several auditorium entertainments or the thousands of school children witnessing the Welfare shows staged at nearly all Honolulu Schools by Palama juvenile actors and dancers in connection with the annual United Welfare Drive.

The big gain in girls' department activity figures and in boy scouting should be particularly noted. Nor does the latter figure include a troupe established at Kaimuki by one of our workers and build around four of our scouts and a leader who moved there. This unit was established on independent basis with its own committee and is not connected with Palama.

Social Recreational Program

The girls' department has been largely responsible for the building up of the social recreational program. Gymnasium dances have been carried on regularly since the Beretania rape case which pointed out the need for more adequately supervised places for young people to dance under proper auspices. Strict supervision is maintained at our Friday and Saturday gymnasium dances, sponsored by Palama and community groups.

Membership is not required for groups simply meeting at Palama except where special privileges are desired. Five groups of young men have been federated into a Pal Club A.A. and besides their weekly business meetings unite at 9:30 Sunday mornings for an auditorium assembly for which speakers are supplied by Mr. Nolle R. Smith, Boys' Work Chairman of the Lions' Club, and a member of our Recreation Department Committee. An average attendance of 75 shows the popularity of this program.

Palama Membership

One thousand nine hundred thirty-four Palama members were handled during 1932 as compared with 2,096 a year ago. The slight decrease is due to present economic conditions and also to the fact that the promoting of free community leagues discourages membership. The adoption of small fees for non-members entering community leagues managed through Palama would further membership and at the same time produce sufficient additional revenue to pay for the supplies used by these leagues. Members included 759 girls and women and 1175 boys and men.

A survey of the boy and men members registered on December 31, 1932 showed 17.2% to be under 9 years, 28.8% to be from 9 to 11, 28.8% to be 12 to 15 and 25.2% to be between the ages of 16 and 26 inclusive. Similarly, in the girls' department the membership under 9 years was 13.8%; between 9 and 11, it was 38.4%; from 12 to 15, it was 27.6%; and 16 years and over it was 20.2%.

Fifteen racial groups and mixtures were represented in the membership, 37% being Japanese, 15% Chinese, 6% Hawaiian, 13% Part-Hawaiian, 9% Korean, etc. Sixty per cent of the members were registered for the first time, 20% the second time, 7% for the third time and about 13% for four or more times.

Membership Study

A study of 252 old Palama members who joined in 1925 or '26 and who came back for at least one more year was made by Miss Mary Furnidge of the girls' department staff, in connection with the Sociology course at the University. Thirty-eight of the old members were found to be in High School or University, 77 could not be located, 33 were gainfully employed, only 5 had been sent to the boys' industrial school and 4 listed in "rogues' gallery", while 36 had been on probation at some time or other. Several were unemployed when investigated.

In addition this study pointed out that while Palama, in its present location, has continued its Boys' Club of America or under-privileged program we are now operating as a Recreation Center serving a far greater number of individuals than under the old Settlement policy of compulsory membership for all. This gives ample reason for our proposed plan of charging small fees for non-members playing in leagues managed by Palama.

The increase of High School and University students is particularly inspiring since these are developing into good club leaders and athletic officials. The continued use of Palama by old time members for specific activity through the payment of a small fee rather than through an yearly membership is also interesting. That the members are less likely to get into trouble than similar non-members indicates our usefulness to the community.

RECREATION DEPARTMENT.

Community Leagues

The Recreation Department managed 66 open leagues during 1932 caring for 442 teams and 6812 players, during the first complete year under the athletic policy inaugurated Sept, 1, 1931. This is a gain of 100 per cent in leagues, 143 per cent in teams and 139 per cent in players over 1931, substantiating the change in policy in the interest of serving the largest possible number of persons.

<u>Men and Boys'</u>	<u>Leagues</u>	<u>Teams</u>	<u>Players</u>
Boy Scout Council Tournaments	8	110	1,355
Any Boy Leagues	1	7	80
Oahu and City-wide Men's	14	67	1,614
Honolulu Vocational School	1	7	84
Triple "A"	1	6	71
Lane and Alley	2	14	210
Junior Republic	35	182	2,826
<u>Women and Girls'</u>	<u>4</u>	<u>49</u>	<u>572</u>
	66	442	6,812

The Boy Scout tournaments were operated for the Honolulu Council at the suggestion of Mr. C. Dudley Pratt and have proved very popular. A basketball league was operated for the Honolulu Vocational School. Palama Triple "A" Volleyball replaced Junior A.A.U. league. The popular Lane and Alley or open community leagues were replaced mostly by Junior Republic leagues serving the same and a larger group and operated in conjunction with the Recreation Commission as were the Oahu and Sectional City-wide circuits. Women and Girls' leagues as listed were all conducted at Palama. Since these free leagues necessarily discourage Palama membership the Recreation Director has recommended the charging of a small registration fee to non-members playing in these leagues.

Medical Examination of Athletes

	<u>Passed</u>	<u>Failed</u>	<u>Total</u>
<u>At Palama</u> -- (through cooperation of Palama Medical Department)			
For Boys' and Men's leagues	585	14	599
For Girls' and Women's leagues	35	7	42
	620	21	641
<u>Private Examination</u>			
For Boys' and Men's leagues	711	no record	711
For Girls' and Women's leagues	250	no record	250
(approximate figures)			
	1,581	21	1,502

RECREATION DEPARTMENT.

Public School Physical Education

Four neighborhood schools sent 1,388 pupils to Palama Settlement each week from September to December 1932, for physical education instruction on school time. From January to April 1932 six schools sent 1778 pupils. The decrease in schools and pupils is in line with the Settlement's policy of attempting to train the school teachers to handle this program themselves. An interesting demonstration of this work was given on April 29, 1932 in closing the program for the spring term.

Teacher Training classes at Palama under the sponsorship of the University of Hawaii Extension Division are being considered for the period starting in September 1933. This would enable teachers to take such courses for University credit with benefit of Palama equipment and staff workers.

The Junior Republic of Hawaii

A non-sectarian and non-political program for natural groups of Oahu young men 16 to 26 years of age organized on principles of democratic government was sponsored jointly by the Recreation Commission and by the Palama Settlement.

Precepts fostered included (1) Pride in district, city, territory and nation (2) Respect for constituted authority (3) Good sportsmanship in athletics and other activities (5) Leadership and initiative in improving local recreational facilities.

The Manoa district won the Charles Henry Mackintosh "Founder's" trophy which was awarded to the section of Oahu having the best all around program sponsored by the young men themselves as determined through a point basis.

While a splendid athletic and activity program was sponsored but little headway was made in the establishment of self-governing clubs with adequate civic, social and educational programs. Progress in this direction will only be possible as sufficient confidence contacts are established.

A recent survey of the 53 young men in the Kauluwela section indicated the average age of Junior Republic young men to be 20.5 years. Eighty per cent had reached their 13th birthday with 43.5 being of voting age.

RECREATION DEPARTMENT.

Swimming Development

May, June and September Learn-to-Swim Campaigns provided free beginner's instruction for 1,375 children of Palama and Kalihi district schools, 693 passing Red Cross tests for beginners and 208 for swimmer's buttons.

The Recreation Director served as chairman of the A.A.U. Swimming Development Committee which made an extensive report on swimming in Hawaii preparing a suggestive four-year program much of which has been accepted by the A.A.U.

A swimming pool committee, now affiliated with the Recreation Committee of the Council of Social Agencies, was organized and conducted a survey showing that 70.8 of the grade 4, 5 and 6 Elementary, 56.5 of the Intermediate and 49.3 of the Senior High School students cannot swim twenty-five yards. This is an average of 63.0 per cent non-swimmers.

The survey was conducted through the cooperation of the Department of Public Instruction and in Honolulu schools only. A big City-wide Beginner's Crusade is being planned by the "pool" committee to be held during May 1933 using several Honolulu tanks and Waikiki Beach.

School Swimming Clubs

School swimming clubs were established for pupils of Puuhale (2), Kalihiwaena, Likelike elementary and Central Intermediate Schools. Regular Palama membership fees were paid, the classes coming to Palama on school time for swimming instruction. Puuhale school benefited sufficiently by this instruction to lead all Honolulu (excepting two English Standard) Schools in having the highest percentage of swimmers. A June Swimming meet was conducted for Palama and Kalihi District schools participating in the May Learn-to-Swim Campaign.

Swimming and Diving instruction under J. A. Rath, Jr. was carried on until August and a large group of swimmers developed. Several dual meets were held and a home to home meet staged with Maui swimmers.

Palama again won second honors in the Boys' Clubs of America annual Swimming Pool Competition with Toshio Shinamura winning the National title for boys under 16. An all-summer marathon swim was inaugurated and proved popular being climaxed by the first annual mile and quarter mile swims.

RECREATION DEPARTMENT.

Outside Leagues, Teams or Groups Using Palama for Practice or Recreation

Seventy teams containing 1,274 players used Palama facilities for staging their athletic competitions or practices during 1932, including the Oahu High School Invitation Basketball series sponsored by Palama. These figures did not, however, include other competitions sponsored by Palama.

Approximately 1,000 individuals of the neighborhood other than members and those served through the Community Leagues are estimated to have been served by Palama equipment and staff members during 1932. This is a conservative estimate since hundreds were continually served for whom no record was kept.

Children's Playground

Approximately 2,400 children of eight years and under used the Ida Beatrice Castle Children's Playground. Monthly attendance was recorded as 3,543 and yearly attendance 40,744. No accurate check could be kept on the number of individuals served but the establishment of a new Chinese School and of the Palama community gardens greatly increased the attendance this year. These groups made special arrangements to use the playground at periods in addition to the regular Palama hours.

Supervised play, directed games, art, gardening, sand box, story hour, folk dancing, Brownie club, twelve excursions, playground project (summer) school, covered wagon act in circus, occasional free movies, and seasonal parties were some of the features. 254 young children participated in the Easter Egg Roll.

Seasonal Features

Summer Boys' and Girls' project schools (5), Seventh Annual Circus, Learn-to-swim Campaign, Public School Field Day, Welfare shows in Honolulu Schools, Best athlete competitions; Seasonal parties; Track and Swimming Pentathlons, and Trans-Pacific Track Meet with San Francisco Playgrounds; camping, etc.

Palama Circus

The Palama Circus came in August as the climax to a summer of busy activity including five project schools for the various age groups. The circus drew a crowd of about 4,000 grossing \$583.20 with expenses of \$353.24, a considerable part of which was expended in connection with the summer program. Net profit was \$229.96 toward our entertainment fund. All of Honolulu seemed willing to cooperate with our Biggest and Best Circus. The twenty best boys and girls were given short camping trips the week after the big event.

RECREATION DEPARTMENT.

Athletic Achievements - Senior

Palama A.C. teams won the Senior A.A.U Indoor Baseball title and made a good showing in the volleyball, basketball, and soccer leagues and took second in the Rainbow Relay and A.A.U. Track Meets. The Senior Barefoot Football team managed by John Parker won the second series championship only losing the title to Kakaako Sons after two tie games.

Pal Club and Palama A.C. Junior teams won titles in the Junior A.A.U. Basketball, Triple "A" Volleyball and Junior Republic Playground Baseball Leagues. Full credit must be given to the "E and A" Club, headed by Wallace Saffery, for this fine showing, and for the exceptionally good spirit shown by the teams and players. This activity has been financed by the Palama A.C. without using Settlement or Welfare funds.

National Pentathlon Champions

A Trans-Pacific Radio Pentathlon was inaugurated with the San Francisco Playgrounds, Palama boys winning by a wide margin. Enthused by this popular feature our boys, coached by "Junior" Rath, won the Boys' Clubs of America National Indoor Athletic Competition for the first time. Tokio Saruwatari, 80 lbs., Yoshiharu Yasuda, 95 lbs., and William Gee, 110 lbs., won three of the five national championships in the Indoor Meet, and Henry Yu was national runner-up in the 125 lb. class. Y. Yasuda took second in the Pan-Pacific Pentathlon and fourth honors in the International Meet at Los Angeles, being the second Palama boy to go to the Mainland.

Best Athlete Competitions

Elmo Tomita and Emily Chun won the best boy and girl athlete competition on Labor Day, Tomita taking permanent possession of the trophy by virtue of his third victory. Mr. Austin of Honolulu Sportings Goods Company has replaced this trophy which was donated by his firm.

RECREATION DEPARTMENT.

Juvenile Court Cooperation

Judge Watson ordered 57 Juvenile Court wards to report to Palama Settlement Recreation Department for checking during 1932. Each boy was given a membership and worked into Palama activities. He was told that as long as he behaved himself he was entitled to Palama privileges regardless of his past record.

These boys reported to the Recreation office for checking each Saturday morning at 9:00 A.M. with an hour of organized athletics in the gymnasium under a trained physical director, following the meeting. Boys reported as ill were visited by Palama nurses and boys' homes were visited by boys' department workers.

Four of the 57 boys were returned to the Court as living too far from Palama. Three not reporting but not in trouble were turned back to the Court. 35 discharges were secured. 8 were still on probation December 31, 1932. Thus 50 of the 57 "made good" while 7 including 5 school and 2 non-school boys were re-taken by the Court and sent to institutions, 2 at the request of their own parents.

Only 2 of the 7 probation violators reported to Palama more than 5 times; 2 only once each getting into more trouble immediately. Crimes ranged from stealing of cigarettes to stealing of automobiles. Six of the seven were charged with larceny while two, including one of these were incorrigible at home. While the handling of probationers hurts our reputation so far as members getting into trouble is concerned, as these boys are given memberships, it is more than worthwhile so long as we can keep 50 out of 57 out of trouble.

Waialua Fresh Air Camp - Available for Use

The increased popularity of the Waialua Fresh Air Camp for picnics and overnight camps is shown by the facts that 1653 campers and 1429 picnickers used the equipment including 184 campers from Palama clubs. 440 students of Waialua Elementary School used the grounds for physical education purposes daily September to December. The year's total was 3,522.

Largest groups using the camp were Junior Police 375, Honolulu Council Boy Scouts 161, Honolulu Playgrounds 125, Palama Clubs 184, U. S. Army 200 and Beretania Chinese Church 105 for camping and conferences and Advertiser newsboys 200, Andrew Cox Junior High School 165, Wahiawa Chinese Club 150, Wahiawa Christian Church 150, Hoo Cho School 150, Easter Sunrise Service 225, Castner Garage 82, for picnics, etc.

The Palama Fresh Air Camp is available for use for camping and picnics from September 1 to June 1 of each year for a small rental fee determined by the number in the group and the equipment involved. Application for such use should be made to the Palama Settlement Recreation Office, telephone 8545. Schofield groups are especially invited. Cottages are available with a splendid bathing beach nearby.

D E N T A L C L I N I C

(Founded and Largely Supported by The Strong Foundation)

Statistics

	<u>1931</u>	<u>1932</u>
New children	1,827	2,620
Old children	<u>2,419</u>	<u>3,932</u>
Total children	4,246	6,552
Total visits	21,917	26,203
Fillings: Permanent	10,832	12,832
Deciduous	8,272	10,479
Extractions: Permanent	861	1,006
Deciduous	11,078	14,735
Treatments	5,175	4,618
X-rays	78	146
Mouth Hygiene	5,373	8,506
Examination charted at first visit	1,908	2,620
Final examination of completed cases by		
Clinic Director	<u>4,088</u>	<u>2,454</u>
Total operations	47,664	57,396
Total number of separate individuals completed		5,372
Individuals completed twice during the year		2,078
Total number of completed cases		7,450
Total number of completed cases examined by		
Clinic Director (915 of this number were personally completed by Director)		3,369

Clinic Hours and Output

	<u>1930</u>	<u>1931</u>	<u>1932</u>
Total visits	18,403	21,917	26,203
Total working days	247	248	250 *
Average number of patients per day	74.5	88.4	104
Actual number of dentist working hours	7,410	8,760	10,826 **

* 7.4 days of this total were occupied by Clinic Director in school visits, administration, reports and other necessary details.

** 337 dentist hours to add to this total to obtain total dentist hours. The 337 hours represent time occupied by Clinic Director in school visits, administration reports, meetings, etc.

2,066 hours increase is the result of operating with a full staff of seven men for the full year, two of these men having been added to the staff during the latter part of 1931.

DENTAL CLINIC.

Eligibility

	1 9 3 1		1 9 3 2	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
Children eligible for treatment	1,036	30	1,505	45
Children not eligible for treatment	1,717	50	1,762	53
Children unclassified	686	20	67	2

Operating Costs

	1 9 3 1 *		1 9 3 2 **	
	<u>Without Overhead</u>	<u>With Overhead</u>	<u>Without Overhead</u>	<u>With Overhead</u>
Cost per operation	\$.60	\$.72	\$.60	\$.69
Cost per visit	1.31	1.56	1.32	1.51
Cost per individual	6.74	8.04	5.28	6.03
Cost per case	5.57	6.65	4.01	4.58

* Based upon 47,664 operations, 21,917 visits, 4,246 individuals, and 5,137 cases, \$28,630.59 without overhead, \$34,142.47 with overhead.

** Based upon 57,396 operations, 26,203 visits, 6,552 individuals, and 8,630 cases, \$34,615.42 without overhead, \$39,510.73 with overhead.

Reduction in Unit Costs

	1 9 3 1		1 9 3 2	
	<u>Without Overhead</u>	<u>With Overhead</u>	<u>Without Overhead</u>	<u>With Overhead</u>
	<u>(In Per Cent)</u>		<u>(In Per Cent)</u>	
Per operation	13.0	13.2	--	4.2
Per visit	14.4	15.2	.7	3.2
Per individual	1.2	2.2	22.0	25.0
Per case	18.3	19.1	28.0	31.1

TUBERCULOSIS COMMITTEE

Statistical Summary of Activities 1932

The Tuberculosis Committee was created for two primary purposes: the carrying out of a vigorous program of popular health instruction; and the conducting of research studies on the problem of tuberculosis as it effects the people of Hawaii. Neither of these activities can be effectively shown in statistics. In neither case can immediate results be expected. The quality of work cannot be determined from statistics. With these qualifications in mind we present below the statistical summary of how we endeavored to reach the people of Hawaii with information as to what they can do to prevent tuberculosis.

It is conservatively estimated that at least 75,000 persons were provided with information on tuberculosis prevention during 1932. No quantitative figures are available for newspaper readers and the radio audience.

I. Newspapers

473 articles published, totalling 3,313 column inches, 19½ pages.

English newspapers published 219 articles, Japanese papers 245, and miscellaneous publications carried 9 articles. Seventy-six articles for other health agencies in the community were prepared by the Committee and published in papers.

II. Printed Matter and Posters

44,052 leaflets and other pieces of printed matter were distributed during the year as follows:

To the General Public	32,400 pieces
Schools	8,886
Physicians	1,959
Nurses	<u>807</u>
Total	44,052

III. Radio

21 radio talks were presented to the Hawaii audience during the year, both KGMB and KGU cooperating heartily.

Health talks in English	9
Health talks in Japanese	4
Dramas of Science	8

TUBERCULOSIS COMMITTEE.

IV. Talks

During 1932 the staff of the Committee arranged for and presented talks to 23 different groups. Talks were given in English and Japanese. 1,752 persons were in the aggregate audience.

V. Exhibits

6 exhibits were prepared and arranged during 1932.

At Hawaiian Products Exhibition seen by	30,000 persons
World Federation Educational Assns. by	500
Series in 5 stores for 4 weeks	-
Posters in Academy of Arts	-
Maui Fair	many
Hilo	-

VI. Christmas Seal Sale

1932 marked the first year of a Territory-wide sale of Christmas Seals. On Oahu the total sale dropped to \$10,100 compared to \$11,500 in 1931. By Counties affiliated with the Committee the results were:
(incomplete)

Hawaii	\$4,100	5.4¢ per capita
Oahu	10,100	4.9¢ per capita
Maui	2,700	4.6¢ per capita
Unaffiliated		
Kauai	<u>5,100</u>	13.6¢ per capita
Territory	\$22,000	5.8¢ per capita

W H A T O U R W O R K C O S T - 1 9 3 2

Income

Balance on Hand 1/1/32	\$1,328.	
Invested Funds	3,150.	
Individual Donations	3,079.	
Institutional Receipts	13,513.	
Chamber of Commerce	21,000.	
City and County Government	27,200.	
United Welfare Fund	<u>96,300.</u>	
		\$165,570.
Dental Clinic - Fees	1,598.	
City & County Government	3,600.	
Strong Foundation	<u>30,200.</u>	
		35,398.
Tuberculosis Christmas Seals		<u>11,526.</u>
Total.....		\$ <u>212,494.</u>

Expenditures

Administration	\$ 14,881.	
Maintenance	9,660.	
Fresh Air Camp	5,390.	
Recreation Department	28,463.	
Medical Department	53,153.	
Nursing Department	50,910.	
Other Disbursements	<u>3,003.</u>	
		\$ 165,460.
Dental Clinic		34,615.
Tuberculosis Committee		<u>10,924.</u>
Total.....		\$ <u>210,999.</u>

OFFICERS

J. R. Galt - - - - - President
 A. L. Castle - - - - - Vice-President
 W. F. Dillingham - - - - - Vice-President
 W. F. Frear - - - - - Secretary
 Hawaiian Trust Co., Ltd. - - - - - Treasurers
 Young, Lambertson & Pearson - - - - - Auditors
 Philip S. Platt, Ph.D. - - - - - Director

TRUSTEES

Geo. H. Angus	C. M. Cooke, Jr., Ph.D.	Deane W. Malott
W. D. Baldwin, M.D.	Geo. P. Denison	Burton Newcomb
A. W. T. Bottomley	W. F. Dillingham	F. J. Pinkerton, M.D.
F. M. Branch, D.D.S.	W. F. Frear	F. K. Sylva, D.D.S.
A. L. Castle	Carter Galt	F. E. Trotter, M.D.
W. R. Castle	J. R. Galt	(ex-officio)
W. K. Chang, M.D.	Rev. H. P. Judd	H. H. Walker, M.D.
(ex-officio)	Nils P. Larsen, M.D.	John Waterhouse
M. F. Chung, M.D.	S. M. Lowrey	Geo. N. Wilcox *

* Deceased Jan. 21, 1933.

Executive Committee

J. R. Galt (chairman)
 A. L. Castle
 W. F. Dillingham
 Dr. F. K. Sylva
 Geo. P. Denison
 Dr. F. J. Pinkerton

Finance Committee

W. F. Dillingham (chairman)
 John Waterhouse
 A. L. Castle
 Deane W. Malott
 A. W. T. Bottomley
 Carter Galt

Medical Advisory Committee

Dr. F. J. Pinkerton (chairman)
 Dr. N. P. Larsen
 Dr. H. H. Walker
 Dr. M. F. Chung
 Dr. F. E. Trotter (ex-officio)
 Dr. W. K. Chang (ex-officio)

Nursing Advisory Committee

Mrs. Ada Gartley (chairman)
 Mrs. H. L. Dawson
 Mrs. F. H. Gaudin
 Mrs. H. E. Gregory
 Mrs. A. G. Hodgins
 Mrs. Chas. W. Scribner
 Mrs. Geo. H. Angus

Dental Advisory Committee

Dr. F. K. Sylva (chairman)
 Dr. F. M. Branch
 Geo. R. Carter, Jr.
 Miss Helen M. Baukin

Recreation Advisory Committee

A. L. Castle (chairman)
 Carter Galt
 Geo. P. Denison
 Rev. H. P. Judd
 C. Dudley Pratt
 Chas. M. Cooke III
 Nolle R. Smith

Tuberculosis Committee

Dr. H. H. Walker (chairman)	Geo. Ii Brown	Dr. N. P. Larsen
James G. Stone, secretary	Miss Mary L. Cady	Bishop S.H. Littell
C. K. Ai	Geo. R. Carter, Jr.	Oren E. Long
Kanekichi Iida	Mrs. C. M. Cooke, Jr.	W. H. Loper
Yoshio Iwate	Dr. S. E. Doolittle	Deane W. Malott
Cayetano Ligot	Dr. A. W. Duryea	P. S. Platt, Ph.D.
Dr. K. Miyamoto	Miss Nell Findley	P. E. Spalding
Mrs. A. C. Alexander	Carter Galt	Father H. Valentin
	Geo. F. Hamilton	

The staff consisted of 85 full time and 23 part time workers and 29 physicians holding 21 weekly clinics.