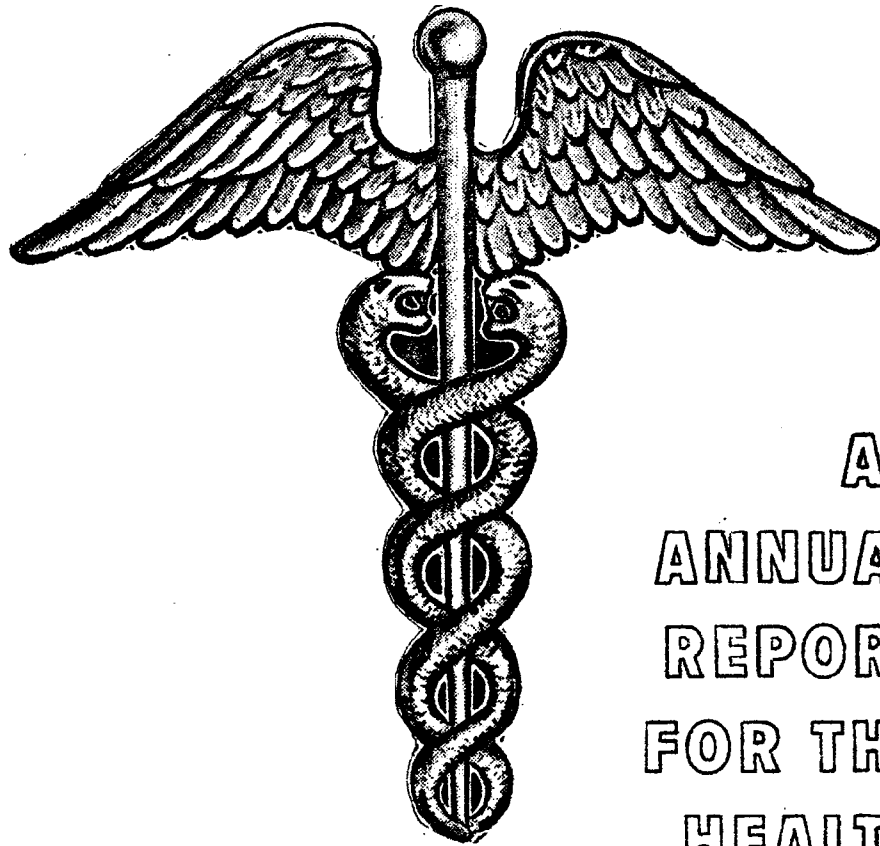


388

1964



AN  
ANNUAL  
REPORT  
FOR THE  
HEALTH  
DEPARTMENT  
OF THE  
CITY OF  
PROVIDENCE

Mayor of the City of Providence  
Honorable Joseph A. Doorley, Jr.

---

Board of Health

The Honorable - City Council

---

Superintendent of Health, Joseph Smith, M.D.  
Administrative Assistant, Edward D. Greer, B.S., R.S.

- COMMUNICABLE DISEASES -

Public Health Physicians

Peter Harrington, M.D.

Daniel G. Calenda, M.D.

Director of Nurses

Sarah P. Nagle, R.N.

- CHILD HYGIENE -

School Dentists

Dr. John J. Carmody

Dr. Aaron J. Shatkin

- MILK DEPARTMENT -

Deputy Inspector of Milk

Richard S. McKenzie, B.S.

- FOOD INSPECTION -

Sanitarian

Anthony La Fazia, PhB., R.S.

- ENVIRONMENTAL CONTROL -

Sanitarian

Armando DiMeo, Ph.G.

- SCHOOL AND CLINIC MEDICAL STAFF -

Parochial School Physicians

Dr. Peter Mathieu  
Dr. Phyllis Neola

Dr. Valentino Simone  
Dr. Clara L. Smith

Well Baby Clinic Physicians

Dr. George K. Boyd  
Dr. Harold Calder

Dr. Vincent D'Alessandro  
Dr. B. G. DeFusco  
Dr. John Montgomery

Dr. Juergen Nicolas  
Dr. Martin J. Shorr

Chapin Hospital Physicians

Dr. Delia Bilgera  
Dr. Celia Calderon  
Dr. Tadeusz Rozycki

Sick Poor Physician

Dr. Giovanni Petrocelli

Immunization Physician

Dr. Thomas Dolan



CITY OF PROVIDENCE • RHODE ISLAND • MAYOR JOSEPH A. DOORLEY, JR.

## DEPARTMENT OF HEALTH

Joseph Smith, M. D.  
Superintendent of Health

*Ex-officio*  
City Registrar  
Inspector of Milk

161 FOUNTAIN ST., PROVIDENCE R. I. 02903

Edward D. Greer, R.S., B.S.  
Administrative Assistant  
Deputy Registrar

To His Honor the Mayor and the Honorable City Council:

I hereby submit the Annual Report of the Superintendent of Health for the year 1964.

As you will note, the general health of the city continues to be excellent and is a result of the continuance of our policies found effective in the past.

Respectfully submitted,

*Joseph Smith*

Joseph Smith, M.D.  
Superintendent of Health

1 9 6 4

IN CITY COUNCIL

MAY 20 1965

READ:

WHEREUPON IT IS ORDERED THAT  
THE SAME BE RECEIVED.

*William H. Matthews*  
ACTING CLERK

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## VITAL

The total population estimate for the year 1964 is 200,000.

## STATISTICS

During 1964 there were a total of 3391 deaths, 1933 of these were male and 1458 female, thus giving a crude death rate of 16.95 per 1000 population. This total includes 144 still-births reported during the same period. 229 children under one year of age were recorded in death reports resulting in an infant mortality rate of 25.51 per 1000 births.

Beginning in 1962, all births out of wedlock have been reported directly to the office of the State Registrar of Vital Statistics. During 1964 a total of 397 such births were reported directly to that office. 8579 births were reported to this department. This total of 8976 births results in a crude birth rate of 44.88 per 1000 population.

1656 marriages were performed in Providence during the year. This total gives a marriage rate of 16.56 per 1000. .

## CAUSE OF DEATH - 1964

2

(International Classification of Diseases - 1955)

<u>CAUSE OF DEATH</u>	<u>CODE</u>	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>
Tuberculosis of Resp. System	(001-008)	6	1	7
Syphilis and Sequelae	(020-029)	1	0	1
Strep Infections	(053)	1	2	3
Meningococcal Infections	(057)	1	0	1
Leptospirosis (Weil's Disease)	(072)	1	0	1
Encephalitis	(082)	0	1	1
Infectious Hepatitis	(092)	0	1	1
Cancers of mouth and pharynx	(140-148)	14	6	20
Cancers of digestive org. etc.	(150-159)	123 (4)	105 (3)	228 (3)
Cancers of respiratory system	(160-165)	135 (3)	19	154 (4)
Cancers of breast	(170)	0	63 (5)	63
Cancers of G-U System	(171-181)	58 (7)	59 (6)	117 (6)
Other Cancers	(190-199)	32	32	64
Leukemias and Lymph Cancers	(200-205)	59 (6)	40 (8)	99 (7)
Benign neoplasms	(210-229)	5	1	6
Unspecified neoplasms	(230-239)	3	3	6
Allergic Disorders	(240-245)	5	4	9
Diseases of Thyroid	(250-254)	0	0	0
Diabetes mellitus	(260)	34	49 (7)	83 (10)
Other endocrine & metabolic Dis.	(270-289)	1	1	2
Diseases of the blood, etc.	(290-299)	6	6	12
Psychoses	(300-309)	2	1	3
Alcoholism	(322)	2	0	2
Cerebral Hemorrhage, etc.	(330-334)	147 (2)	157 (2)	304 (2)
Inflammatory Diseases C N S	(340-345)	6	3	9
Other C N S Diseases	(350-357)	4	3	7
Otitis Media, etc.	(390-398)	1	1	2
Rheumatic Fever	(400-402)	2	0	2
Chr. Rheum. Heart Disease	(410-416)	20	27	47
Arterioscl. Ht. Dis., etc.	(420-422)	664 (1)	439 (1)	1103 (1)
Other Diseases of Heart	(430-434)	21	26	47
Hypertensive Ht. Disease	(440-443)	52 (8)	67 (4)	119 (5)
Other Hypertensive Disease	(444-447)	15	7	22
Diseases of Arteries	(450-456)	32	14	46
Diseases of veins, etc.	(460-468)	18	11	29
Acute upper Resp. Infect.	(470-475)	2	1	3
Influenza	(480-483)	0	0	0
Pneumonias	(490-493)	62 (5)	37 (9)	99 (7)
Bronchitis	(500-502)	17	5	22
Other resp. disease	(510-527)	20	4	24



<u>CAUSE OF DEATH CONT'D</u>	<u>CODE</u>	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>
Diseases buccal cav. & esoph.	(530-539)	1	0	1
Diseases of stomach, etc.	(540-545)	14	7	21
Appendicitis	(550-553)	2	3	5
Hernias	(560-561)	2	6	8
Other dis. intest. & perit.	(570-578)	19	19	38
Acute yellow Atrophy	(580)	0	1	1
Cirrhosis of Liver	(581)	47 (10)	24	71
Other dis. liver and gallbl.	(582-586)	9	3	12
Diseases of pancreas	(587)	5	5	10
Nephritis, etc.	(590-594)	14	6	20
Other diseases urinary syst.	(600-609)	13	20	33
Diseases male genital organs	(610-617)	8	0	8
Diseases of breast, ovary, etc.	(620-637)	0	1	1
Diseases of Pregnancy, etc.	(640-689)	0	3	3
Diseases of skin	(690-716)	2	2	4
Diseases of bone, etc.	(720-749)	0	3	3
Congenital malformations	(750-759)	29	24	53
Birth injuries, etc.	(760-769)	49 (9)	37 (9)	86 (9)
Other diseases early infancy	(770-773)	17	7	24
Prematurity	(774-776)	31	19	50
Senility, and Ill defined	(780-795)	4	6	10
Railroad accidents	(800-802)	0	0	0
Motor veh. traffic accidents	(810-825)	29	6	35
Motor non-traffic accidents	(830-835)	1	0	1
Other road vehicle accidents	(840-845)	1	0	1
Acc. poisoning; solid & liquid	(870-888)	3	5	8
Acc. poisoning, gases, etc.	(890-895)	0	0	0
Accidental falls	(900-904)	21	32	53
Other accidents	(910-936)	18	10	28
Therapeutic misadventures	(950-959)	1	0	1
Suicide	(970-979)	16	12	28
Homicide	(980-985)	5	1	6
		<hr/>	<hr/>	<hr/>
		1933	1458	3391

## 1964 REPORT OF PROVIDENCE HEALTH DEPARTMENT NURSING SERVICE

NURSING  
STAFF

Handicapped as we are by loss of personnel we are operating at a level below the standards which we have built up over the years. It is indeed fortunate that we have not been visited by a major epidemic and that the health education carried on by our staff has been so effective. Since September 1964 we have been operating with a staff of eleven public health nurses, instead of fourteen the minimum that we require to carry on effective work. We do not function as an isolated entity but in cooperation with other community agencies and divisions, which often requires lengthy time consuming conferences, most of which are conducted by telephone. Therefore, the total number of nursing visits cannot be the sole criterion for judging the work of our division. We are indeed fortunate to be able to retain on our staff the eleven dedicated nurses that we have at present. They do cheerfully all that is requested of them which often is "far beyond the call of duty".

A headline in the February 17th, 1965, Providence Evening Bulletin reads "Providence District Nursing Association Hires Six Nurses". The Providence Health Department has been unable to hire replacements for three nurses who have left the department since September 1963. What was written in the 1963 nursing report is still pertinent to the problem. "We are unable to replace nurses who leave for better paying positions since our nurses salary schedule is the lowest in the city and one of the lowest in the state. We are therefore at a decided disadvantage in the recruitment competition".

The slight increase in the number of measles visits is due to the increase of measles incidence which began in the fall, heralding the epidemic period in the measles incidence cycle. It is hoped that parents will take advantage of the measles vaccines that have been developed over the past few years to have their children protected. We look forward to the day in the near future when measles will no longer be considered an inescapable disease.

ACUTE  
COMMUNICABLE  
DISEASE  
CONTROL

Scarlet fever reporting has been on the decrease and conversely streptococcal sore throat reporting is on the increase. The total of the two diseases shows a slight increase in the year 1964.

As a streptococcal preventive measure the department continues to carry on its prophylaxis penicillin program furnishing penicillin, free of cost, to well contacts in infected households, at the request of the private physician. This program is not for families on public assistance since the cost of medication incident to illness in such families is borne by the Department of Public Assistance. The health department furnished 40,029 penicillin tablets to 2,020 persons in 1964.

The availability of penicillin probably stimulates better reporting of streptococcal infections which includes scarlet fever. The importance of the resulting educational program should not be minimized for on each visit we teach that preventing infections reduces the possibility of heart and kidney disease.

Our nurses took 4,429 nose and throat cultures, the majority for release from quarantine. We still get requests from physicians to culture for diagnosis. There has been a dramatic drop in the incidence of whooping cough due in part to the stepped up program of immunization. In our last annual report we expressed concern regarding an increase in incidence and recommended greater emphasis on maintaining a higher level of immunity.

PAROCHIAL  
SCHOOL  
HEALTH  
PROGRAM

During the 1963-64 school year we were responsible for the health service in 24 elementary and 6 secondary parochial schools, with a total enrollment of 12,758 students. Following the generally accepted plan we continue to urge parents to have their children examined by their own physicians. For the first time we recommended that all students at LaSalle Academy have physical examinations and that these be done by their family physicians. The students were supplied with physical examination forms which were to be filled out by their physicians at the time of examination. A total of 1,544 forms were returned to the nurse. Many remediable defects were noted and the nurse did the follow-up work to see that the recommendations were carried out. A total of 1,626 elementary students were seen by their own physicians. The school physicians examined a total of 2,830 students in both elementary and secondary schools.

TUBERCULOSIS  
CONTROL

When visiting newly reported tuberculosis cases, the nurses practice the epidemiological approach. They try to determine the source of exposure and also what is of great importance in a preventive and case finding program to learn the identity of all contacts who may have had repeated exposure whether they be within the immediate family, relatives or friends. These contacts are urged to be Xrayed. They stress the importance of strict adherence to the regime as outlined by the physician, good technique and its importance in preventing the spread of the disease, the importance of good hygienic health practices and faithfully continuing the chemotherapy whenever prescribed.

On December 31, 1964 we had a tuberculosis case load of 973 families. Of this number 508 families had 664 cases of tuberculosis in their homes and 365 families were classified as contact families in which the cases had been removed either through hospitalization, change of address or death. In these 973 families there were 3,177 persons under the direct supervision of our nurses who made a total of 4,268 visits to their homes. There were 86 tuberculosis patients in hospitals or the sanatorium on December 31, 1964. Approximately 169 patients were on the federally controlled chemotherapy program for the treatment of tuberculosis.

Our nurses also read 987 Mantoux tests which are given to detect whether or not a tuberculosis organism had ever invaded the body. Sixty-three of these were positive. These persons, almost all children, were then chest Xrayed. None of these proved to have active tuberculosis. They will all be kept under observation and will be xrayed periodically.

REVISION	In order to determine the age groups to which we render various types of service, we began on February 1, 1964 to tabulate our nursing visits by age groups according to the service rendered. There may be inconsistencies in statistics for we have tabulated in this accounting more than one member in a family, if a major service was rendered to more than one member, whereas in our usual visit accounting we have classified only one visit to each home according to the major problem that the family presented regardless of the number seen.
IN NURSING	
VISITING	
ACCOUNTING	

During the eleven month period we had in the acute communicable disease category 6,789 visits, only 109 infants up to the age of 1 year. Our highest percentage of individuals in this category was in the 5 to 19 years of which there was a total of 3,879.

This was also true of the tuberculosis category, for there was a total 3,314 of which 1,123 individuals were in the 5 to 19 year group, while 1,029 individuals were in the 20 to 44 year group.

In the miscellaneous category most of our services was to individuals in the 5 to 44 year group with 300 in the 5 to 19 years and 302 in the 20 to 44 year group. In this category there was a total of 959 individuals.

As we study these figures we find that the major part of our time was devoted to persons under the age of 44 years, and that by far in all categories and that includes school work, most of our time has been devoted to individuals under the age of 19. It is in these groups that we reap our greatest dividends for good health teaching in early life helps to form good health practices which are carried over into adulthood.

In closing we wish to acknowledge, with thanks, the cooperation that we have received from the following agencies and divisions.

- Department of Public Assistance
- New England Dairy Council
- Providence District Nursing Association
- Providence League for Hard of Hearing
- Providence School Department, Attendance Office, Dental Clinics, Eye Clinic, Health Division, Home-Bound Teaching Service, & Psychometric Service
- Providence Tuberculosis League
- Rhode Island Hospital, Hearing Center
- Rhode Island State, Division of Rehabilitation
- Rhode Island State, Hearing Center
- Rhode Island State, Mental Hygiene Service
- Rhode Island State Health Department, Nurse Consultants, Rheumatic Fever Program, & Tuberculosis Division
- Rhode Island Tuberculosis and Health Association

## PAROCHIAL SCHOOL HEALTH

24 Elementary Schools - 6 Secondary Schools		1963	1964
		Total	Total
HEALTH EXAMINATIONS BY SCHOOL PHYSICIANS			
1. Routine		2955	2700
2. Special		210	130
PARENTS CONFERENCE			
1. At Health Examinations		1539	1344
2. At Other Times		1302	1011
Number of children who require follow-up after exams.		1526	1155
Number of defects found at examinations	DENTAL	552*	329*
	OTHER	2064	1455
Number of children examined this year who had defects corrected	DENTAL	1531*	1594*
	OTHER	1169	992
Number of children examined previously who had defects corrected	DENTAL	1366*	1252*
	OTHER	707	581
CONTACTS WITH CHILDREN			
1. First Aid		623	671
2. Follow-up First Aid		331	400
3. Conferences		11,032	9350
4. Inspections			
(a) Heads		3489	3772
(b) Symptoms of Communicable Disease		1017	894
5. Height - Weight		7008	4933
6. Visual Acuity Tests			
1. By nurses		6134	4978
2. By teachers		7209	6050
7. Hearing Tests			
1. Screening		2510	2716
2. Threshold Pure-Tone		468	596
SPECIAL ACTIVITIES			
1. Demonstrations to Teachers		93	82
2. Health Talks to Student Groups		1746	1411
3. Planned Teacher-Nurse Conferences		382	314
4. Teacher-Group Conferences		56	41
CONFERENCES WITH TEACHERS			
1. Principal		2413	2183
2. Classroom Teachers		7834	7422
TYPES OF TEACHER CONFERENCES			
1. Absentees		1956	2043
2. Follow-up Health Exams.		735	535
3. Health Status of Children		6544	5948
4. Incorporating Health into Curriculum		1038	1139
5. Preparation for Health Exams.		716	516
6. Report of Home Visits		1156	921
7. Teachers Health		1303	1110
VISITS TO SCHOOL		2607	2300
HEALTH EXAMINATIONS BY FAMILY PHYSICIANS		1774	1626 Gr. 1544 High

\*Explanation of discrepancy in number of dental defects found at the time of the physical examinations and the number of dental defects corrected. The total dental corrections include those of defects found by the school dentist in children not seen by the school physician.

## NURSING VISITS

	1963 Total	1964 Total
TUBERCULOSIS:		
Cases, all forms	4155	3383
Contacts	1093	885
Total	5248	4268
ACUTE COMMUNICABLE DISEASES		
Bacillary Dysentery	32	0
Chicken-pox	4	12
Diphtheria	0	0
Epidemic Meningitis	7	0
Infectious Hepatitis	32	33
Measles	206	246
Para Typhoid - Salmonella Infections	6	6
Poliomyelitis	0	0
Rheumatic Fever	31	16
Scarlet Fever	1200	687
Streptococcal Sore Throat	2114	2653
Whooping Cough	246	24
Miscellaneous	212	117
Total Communicable	4090	4005
VISITS TO HOMES IN INTEREST OF SCHOOL CHILD	1976	1732
DAY NURSERY	230	246
FOSTER HOME INVESTIGATIONS	43	49
PULMONARY CLINIC	135	134
VACCINATION CLINIC	13	10
NOT FOUND	2354	1808
ADVICE GIVEN; NOT ADMITTED TO SERVICE	863	834
TOWER HILL & Y.M.C.A. DAY CAMP EXAMINATIONS	16	19
PRODUCTIVE TELEPHONE VISITS	1062	868

## REPORTED RESIDENT, ACUTE COMMUNICABLE DISEASES

	1963 Total	1964 Total
BACILLARY DYSENTERY	2	5
CHICKEN-POX	316	316
DIPHTHERIA	0	0
EPIDEMIC MENINGITIS	6	1
GASTRO ENTERITIS	0	0
INFECTIOUS HEPATITIS	27	41
INFECTIOUS MONONUCLEOSIS	40	24
INFLUENZA	6	1
MEASLES	267	436
MUMPS	228	169
PARA TYPHOID - SALMONELLA INFECTIONS	12	3
PNEUMONIA	151	118
POLIOMYELITIS	0	0
RUBELLA	82	1039
SCARLET FEVER	224	185
SEPTICEMIA	1	4
STREPTOCOCCUS SORE THROAT	524	689
TETANUS	0	0
TRICHINOSIS	0	1
UNDULANT FEVER	0	0
WHOOPING COUGH	130	14

## CHILD HEALTH CONFERENCE CLINICS - 1964

<u>NAME OF CLINIC</u>	<u>NO.OF INF.</u>	<u>NO.OF PS</u>	<u>NO.SEEN BY M.D.</u>	<u>NO. PE</u>	<u>TOTAL PTS.</u>	<u>NO.OF DPT</u>	<u>NO.OF POLIO</u>	<u>TOTAL SESSIONS</u>
Federal Hill House	237	141	368	180	378	144	138	52
Hartford Park	241	281	522	522	522	187	111	52
Nickerson House	358	146	504	183	504	180	202	52
Rhode Island Hosp.	515	370	880	865	885	674	559	52
Benefit Street	292	192	484	461	484	267	253	49
Chad Brown	506	435	940	926	941	348	250	50
Roger Williams	428	311	739	693	739	456	352	49
Codding Court	<u>242</u>	<u>168</u>	<u>404</u>	<u>321</u>	<u>410</u>	<u>261</u>	<u>211</u>	<u>48</u>
Totals 1964	2819	2044	4841	4151	4863	2517	2076	404
Totals 1963	2765	2106	4740	4049	4871	2628	2385	420

Code    INF: Infant  
           PS : Pre-School  
           PE : Physical examinations  
           PTS: Patients  
           DPT: Diphtheria - Pertussis - Tetanus preventive  
           POLIO: Poliomyelitis Vaccine



TUBERCULOSIS CONTROL The 1964 report of Tuberculosis Control is equally, if not more encouraging than in previous years. The ominous threat of an increase in the number of active cases which has been feared by many other communities in the United States has not been realized in the City of Providence. We continue to maintain an excellent control of this persistent and potentially devastating problem.

It is of interest to point out the statistics relating to the active cases of tuberculosis which were discovered and reported during 1964. The following table records this, and those of the prior 4 years:

<u>YEAR</u>	<u>ACTIVE CASES</u>	<u>PRIMARY INFECTION</u>	<u>SECONDARY</u>
1964	56	14	42
1963	52	7	45
1962	58	13	45
1961	75	5	70
1960	68	6	62

There were 56 active cases of pulmonary tuberculosis, of which 42 were of secondary form, and 14 were of primary infections. Of this number, 5 families contributed 19 active cases, including the 14 active primaries. It is further interest that in 3 of these families, we considered the mother to be the source of infection in the children, and in the other 2 families, the source of the infection in the family was never discovered. Here only children were involved; no adult case was discovered amongst the relatives or immediate contacts examined. In 4 of these 5 families, the father was not living at home with his wife or the children. The family circumstances in each one of these situations were extremely poor. From this we may learn that future concentration of effort may be given to social conditions similar to those that existed in this particular group. This may be obtained in the future by liason with the Social Welfare Department, whom we may urge to help us in concentrating on groups whom we feel may yield active cases in greater frequency than we find elsewhere. The remaining 42 cases represent a new low in the number of secondary tuberculosis which has ever been recorded in the city.

A brief summary of the mortality from tuberculosis is expressed in the following table, giving 5 year summaries for the past 10 years:

	<u>NO. OF DEATHS</u>	<u>AVERAGE</u>
For the 5 years ending in 1959:	108	21.6
For the 5 years ending in 1960:	101	20.2
For the 5 years ending in 1961:	97	19.4
For the 5 years ending in 1962:	81	16.2
For the 5 years ending in 1963:	74	15
For the 5 years ending in 1964:	66	13.2

The continuing encouraging progress does not need amplification.

The miniature x-rays taken at the centrally located unit in the offices of the Providence Health Department on Fountain Street, numbered 6,938. 74% of these were of foodhandlers. Several years ago, a large percentage of our active cases of pulmonary tuberculosis were found in foodhandlers.....so much so that we felt the reservoir for infection was greater here than in many other areas. This led Dr. Joseph Smith to establish a requirement for foodhandlers to have yearly chest x-rays. Since this regulation, the reservoir has dried up. Last year, no active cases of tuberculosis were discovered in this group. However the miniature films have yielded many other diagnoses, including pulmonary tumors, cardio-vascular disease, pulmonary emphysema and other conditions of lesser frequency.

It is with great pride that this encouraging summary of the year's effort is submitted, with expressed appreciation being given to the other members of the Health Department, particularly the staff of the Pulmonary Clinic and the Public Health Nurses, for their dedicated effort.

## EXHIBIT I SUMMARY OF ACTIVITY OF PULMONARY CLINIC 1955-1964

13

<u>YEAR</u>	<u>PATIENTS ATTENDING</u>	<u>NEW PATIENTS</u>	<u>X-RAYS</u>		<u>SPUTUM REPORTS</u>	<u>TB SKIN TESTS</u>		<u>HOME VISITS HEALTH DEPT.</u>
			<u>14x17</u>	<u>MINIATURE</u>		<u>PATCH</u>	<u>- MANTOUX</u>	
1955	4245	715	2373	3326	642	300		4494
1956	4679	626	2609	3208	483	341		5963
1957	4244	675	2356	3471	327	278		4543
1958	3326	569	1867	3325	225	134	67	2885
1959	3404	624	1762	3013	348	5	390	3468
1960	3607	633	1822	3302	402	1	899	4268
1961	5208	1268	2682	3700	294		936	4810
1962	5090	1131	2625	3370	246		1134	4789
1963	5133	1229	2594	7268	150	269**	1032	5248
1964	5020*	1112	2507	6938	87		949	4268

\* ATTENDANCE AT 196 CLINICS.

\*\* TIME TESTS.

## EXHIBIT II

## FOODHANDLERS - MINIATURE X-RAYS

<u>YEAR</u>	<u>MALE</u>	<u>FEMALE</u>	<u>W</u>	<u>N</u>	<u>Y</u>	<u>NEG.MIN.</u>	<u>DEF.MIN.</u>	<u>14 x 17 REQUESTED</u>	<u>TOTAL</u>
1955	1855	1471	3145	156	25	3115	211	160	3326
1956	1843	1365	3023	169	16	2998	210	210	3208
1957	1882	1589	3279	181	11	3106	362	322	3471
1958	1820	1505	3154	146	25	2999	326	267	3325
1959	1727	1286	2857	145	11	2678	221	221	3013
1960	1801	1501	3130	170	2	3044	258	222	3302
1961	2105	1595	3513	171	16	3459	241	225	3700
1962	1972	1408	3181	183	6	3134	236	191	3370
1963	3854	3414	6962	<u>OTHER</u>		<u>14x17 - NOT REQ.</u>			
				306		6705		557	7268
1964	3690	3248	6638	300		6323		615	6938

## EXHIBIT III RESIDENTS REPORTED HAVING SECONDARY TBE. 1955 - 1964

14

<u>YEAR</u>	<u>WHITE</u>	<u>NON WHITE</u>	<u>MALE</u>	<u>FEMALE</u>	<u>PUL.</u>	<u>O.F.</u>	<u>PLEUR. ONLY</u>	<u>TOTAL</u>
1955	155	18	115	58	160	13	0	173 and 3 P.I.
1956	106	26	85	47	125	7	0	132 and 5 P.I.
1957	129	19	100	48	144	4	0	148 and 7 P.I.
1958	100	9	78	31	103	6	0	109 and 6 P.I.
1959	89	17	77	29	100	6	0	106 and 4 P.I.
1960	81	18	70	29	88	11	0	99 and 8 P.I.
1961	81	21	71	31	92	10	0	102 and 5 P.I.
1962	63	14	56	21	67	10	0	77 and 13 P.I.
1963	77	9	66	20	78	5	3	86 and 12 P.I.
1964	68	16	57	27	79	5	0	84 and 14 P.I.

## EXHIBIT IV RESIDENTS REPORTED HAVING SEC. TBC. BY AGE 1955 - 1964

<u>YEAR</u>	<u>0-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>Over 65</u>	<u>N.S.</u>
1955	3	0	2	6	13	9	21	26	33	33	27	0
1956	4	3	4	4	7	15	5	25	23	25	22	0
1957	0	1	3	1	5	7	13	26	25	34	33	0
1958	0	0	1	3	3	13	4	21	25	10	29	0
1959	1	0	1	5	2	9	4	13	20	28	23	0
1960	3	1	1	2	5	4	7	11	23	11	31	0
1961	0	1	0	3	5	6	6	22	18	21	20	0
1962	2	0	1	2	7	7	10	17	17	9	5	0
1963	1	0	1	3	4	5	8	18	15	15	16	0
1964	1	1	0	1	9	5	7	18	17	17	8	0

## EXHIBIT V

TBC. DEATH AND DEATH RATES FOR ALL RESIDENTS OF PROVIDENCE 1955 - 1964

<u>YEAR</u>	<u>DEATHS IN PROV.</u>	<u>RATE PER 100,000</u>	<u>DEATHS OUT- SIDE CITY</u>	<u>TOTAL DEATHS</u>	<u>RATE PER 100,000</u>
1955	11	4.33	14	25	9.84
1956	11	4.33	12	23	9.05
1957	10	3.93	13	23	9.05
1958	5	1.97	8	13	5.1
1959	4	1.57	14	18	7.08
1960	8	3.95	16	24	11.56
1961	8	3.85	11	19	9.09
1962	3	1.45	4	7	3.38
1963	1	0.5	5	6	2.99
1964	3	1.5	7	10	5.

## EXHIBIT VI MORTALITY FROM TBC. (ALL FORMS) BY AGES 1955 - 1964

<u>YEAR</u>	<u>0-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65-74</u>	<u>75</u>	<u>TOTAL</u>
1955	1	0	1	0	0	0	0	0	11	6	1	5	25
1956	1	0	0	0	0	1	1	2	2	7	6	3	23
1957	0	0	0	0	0	0	0	1	4	5	6	7	23
1958	0	1	0	0	0	1	0	1	2	2	5	1	13
1959	0	0	0	0	0	0	0	2	4	4	5	3	18
1960	2	0	0	0	0	0	1	1	5	2	9	4	24
1961	0	1	0	0	0	0	4	0	2	3	5	4	19
1962	0	0	0	0	0	0	0	1	1	2	2	1	7
1963	0	0	0	0	0	0	0	0	1	1	3	1	6
1964	0	0	0	0	0	0	0	1	3	3	3	0	10

## X-RAY SCREENING PROGRAM

16

- 1964 -

Total Number Miniature Films	6,938		
Less: Technically Unsatis.	<u>104</u>		
Total Satisfactory	6,834		100%
White	6,638	95.542%	
Male	3,505		
Female	<u>3,133</u>		
Other	300	4.458%	
Male	185		
Female	<u>115</u>		

SUMMARY

14 x 17 X-ray Not Requested.....6,323

14 x 17 X-ray Requested..... 615

Report on 14 x 17 X-Rays

Requested previously	247		
Current month	<u>246</u>	TOTAL	493

	TOTAL	White		Other	
		Male	Female	Male	Female
Negative	249	139	99	8	3
Cal. Lung Scar	2	1	1	0	0
Cardiovascular Dis.	42	27	11	3	1
Mediastinal Mass.	0	0	0	0	0
Suspected Malignancy	1	1	0	0	0
Other Path. Non-TB	<u>144</u>				
	TOTAL				
Bronchiectasis	1	1	0	0	0
Bronchitis	10	7	2	1	0
Emphysema	11	8	3	0	0
Pleurisy	10	8	1	1	0
Frac. Rib	1	0	1	0	0
Other	111	52	57	1	1
Pul. Tuberculosis:					
Active	<u>0</u>				
	TOTAL				
Min.	0	0	0	0	0
M. A.	0	0	0	0	0
F. A.	0	0	0	0	0
Inactive	<u>16*</u>				
	TOTAL				
Min.	16*	7	5	0	4
M. A.	0	0	0	0	0
F. A.	0	0	0	0	0
Deferred	39	23	14	2	0
TOTAL	493	274	194	16	9
* Known.					

## IMMUNIZATIONS

Your Health Officer has constantly called attention to the fact that maintenance of immunity against specific diseases is a personal responsibility. The Health Department maintains the clinics where these immunizations may be obtained. During the year this department administered the following immunizations:

**SMALLPOX IMMUNIZATIONS:** A regular immunization clinic is conducted at the Chapin Hospital on the first Wednesday of each month, September through June. Special Clinics are also held at the end of August and during September. During 1964 569 persons were vaccinated at these clinics and 98 others were immunized at the Health Department office.

**POLIO IMMUNIZATIONS:** The regular polio immunization clinic previously held on the third Wednesday of each month was discontinued in July 1964. Polio immunizations, however, have been continued as part of the Child Health Conference Clinics. During the year, 2076 pre-school children received polio immunizations at these clinics.

**DIPHTHERIA IMMUNIZATIONS:** The Health Department has been conducting its diphtheria immunization program through the Well Baby Conferences and during the school year conducts tests in the first three grades of the various schools in the city to determine the percentage of positive and negatives. During the year 1964, 9989 Schick Tests were administered and 1667 were read as positive. This was an increase of 137 tests over the previous year and a slight decrease in the percentage of positive readings. Of the 1667 children testing positive, all received one stimulating inoculation and 1610 received the second injection. At the Well Baby clinics, 2517 Tri-Immunol inoculations were given.

Your family physician or pediatrician is the person to consult for proper maintenance of immunity. If however, one does not feel so inclined, our Health Department clinics are always available.

**SPECIAL IMMUNIZATIONS:** The Health Department carried out its regular program of immunizing the personnel of the Police, Fire and Public Works departments against tetanus, and also offered influenza inoculations to all City employees and School Teachers, public and private. The immunization program for the elderly at Dexter Manor and Hartford Park was also continued.

PAROCHIAL SCHOOLS DENTAL REPORT 1963-1964

Once again the school year comes to a close and the dental achievements for 1963-1964 must be recorded.

Dr. John J. Carmody, Dental Clinic Supervisor, examined 9,916 children in the kindergarten, ungraded rooms, and grades one through four inclusive. 3,629 children, or 36.59%, had decayed teeth while 687, or 6.9%, had decayed permanent teeth compared with 38.96% and 9.25% inclusive from last year's examinations, and the mean average of 71% of children with decayed teeth and 35% of children with decayed permanent during the 5 years before the fluoridation of the Providence water supply. This is a drop of 34.4% of children with decayed teeth and 28.1% with decayed permanent or an improvement of 48.4% and 80% inclusive from before the water supply was fluoridated.

This improvement is not only due to fluoridation, but also to the education and advice, given by nurses during the class dental examinations concerning chewing gum, sweets, soda pop and proper brushing of the teeth. The good work done in our school dental clinics for the children unable to pay a private dentist also plays a vital part.

In the parochial schools 4,684 children were examined by Dr. Carmody and 1,613 had decayed teeth and 261 decayed permanent teeth which is 34.43% and 5.57% inclusive compared with 38.53% and 8.14% in the public schools.

Comparing the statistics by grades between the parochial and public schools there is a great difference in the number of children with decayed teeth in the second and third grades, while the other grades compare about the same as in the previous year's dental examinations. In grades two and three in the parochial schools the percent of children with caries teeth is 32.97% and 34.58% compared with 43.56% and 40.12% inclusive in the public schools. This is approximately an 11% and a 6% difference in these grades. This is further proof of the excellent educational work being done by the Health Department Nurses.

During the 1963-1964 school year 802 parochial school children made 3,453 visits to the school dental clinics. These children received 2,454 fillings of which 352 were medicated for deep seated cavities, 597 extractions of which only 3 were permanent teeth and 756 children had their teeth cleaned by the dentist. 610, or 76%, of the children had their dental work completed during the clinic sessions.

The Nickerson House Dental Clinic was opened five mornings each week during the entire year instead of the three mornings in the past. The records of this clinic are sent directly to The Director of Nurses and are not included in this report of the school dental clinics.



## CLINIC SERVICE TO PAROCHIAL SCHOOLS

1963-1964

CLINICS	Patients			Emer- gency	Teeth Cl'nd	Treat ments	Filled		Extracted		Cases Hosp. Comp.
	Ret.	New	Tot.				Tem.	Per.	Tem	Per.	
ACADEMY	164	68	232		69	6	61	58	34		59
BRIDGHAM	211	76	287		73	2	103	92	28		1 47
ED. FLYNN	63	38	101		34		35	21	7		6 37
MARY FOGARTY	343	134	477	2	129	40	131	77	137		5 103
FOX POINT	172	48	220	7	51	10	80	46	47		52
JENKINS	318	80	398	1	82	88	177	116	51		13 63
JOSLIN	299	94	393	4	80	34	162	61	69		63
KENYON	280	73	353		51	14	106	73	112		52
SMITH	322	66	388		64	35	129	88	55	2	51
VEAZIE	195	44	239		44	56	152	38	5		27
VINEYARD	108	40	148		44	21	55	8	19		30
WEBSTER	54	13	67		8	13	32	4	13	1	12
WINDMILL	<u>122</u>	<u>28</u>	<u>150</u>	<u>-</u>	<u>27</u>	<u>33</u>	<u>70</u>	<u>27</u>	<u>17</u>	<u>-</u>	<u>14 14</u>
TOTAL	2,651	802	3,453	14	756	352	1,293	709	594	3	39 610

The following table shows the percent decrease or increase  
in decayed teeth in each parochial school in 1964 over 1963.

<u>Name of School</u>	<u>% Decrease in Caries</u>	<u>% Increase in Caries</u>
ST. ADAIBERT'S	1.5%	
ST. ANN'S	5.8%	
ST. ANTHONY'S	6.1%	
ASSUMPTION		5%
ST. AUGUSTINE'S	6.1%	
ST. BARTHOLOMEW'S		1.6%
BLESSED SACRAMENT	.8%	
ST. CASIMIR'S		8.4%
ST. CHARLES	14.6%	
ST. EDWARD'S	2.1%	
PROVIDENCE HEBREW DAY		3.1%
HOLY GHOST	3.5%	
HOLY NAME		.6%
ST. JOSEPH'S	5.6%	
ST. MARY'S	3.8%	
ST. MICHAEL'S	5.6%	
OUR LADY OF LOURDES	2.6%	
ST. PATRICK'S	.9%	
ST. PAUL'S CHRISTIAN DAY	9.5%	
ST. PIUS		.2%
ST. RAYMOND'S	1.5%	
ST. SEBASTIAN'S		.3%
ST. TERESA'S	.4%	
ST. THOMAS		.7%
TYLER	1.1%	

The following chart shows the total percentage of decayed teeth and decayed permanent teeth in the children examined in each school year during the past seventeen years.

<u>SCHOOL YEAR</u>	<u>NO. OF CHILDREN EXAMINED</u>	<u>% OF CHILDREN WITH DECAYED TEETH</u>	<u>% OF CHILDREN WITH DECAYED PERMANENT TEETH</u>
1947-1948	9,676	69.37%	33.63%
1948-1949	9,712	73.2%	35.89%
1949-1950	10,852	69.7%	33.23%
1950-1951	10,512	70.6%	37.2%
1951-1952	11,131	72.6%	35.42%

PROVIDENCE WATER SUPPLY FLUORIDATED AUGUST, 1952

1952-1953	10,294	69.7%	36.6%
1953-1954	10,141	68.7%	35.9%
1954-1955	10,145	67.2%	32.9%
1955-1956	9,595	65.2%	27.81%
1956-1957	10,905	58.56%	24.26%
1957-1958	11,509	52.2%	16.28%
1958-1959	10,132	47.86%	13.6%
1959-1960	10,371	45%	12.6%
1960-1961	9,835	45.4%	13.6%
1961-1962	10,115	39.6%	9%
1962-1963	9,549	38.96%	9.25%
1963-1964	9,916	36.59%	6.9%

PAROCHIAL SCHOOL EXAMINATIONS  
1963 - 1964

22

<u>SCHOOL</u>	<u>NUMBER CHILDREN EXAMINED</u>	<u>NO. WITH O. K. TEETH</u>	<u>NO. WITH DECAY. TEETH</u>	<u>% WITH DECAY. TEETH</u>	<u>NO. WITH DECAYED PERM. TEETH</u>	<u>NO. WITH DECAYED TEMP. TEETH</u>
St. Adalbert's	141	85	56	39.7%	4	55
St. Ann's	157	108	49	31.2%	4	49
St. Anthony's	214	136	78	36.4%	15	70
Assumption	148	86	62	41.8%	11	59
St. Augustine's	170	120	50	29.4%	2	50
St. Bartholomew	174	107	67	38.5%	8	62
Blessed Sacrament	373	242	131	35.1%	21	123
St. Casimir's	42	18	24	57.1%	4	23
St. Charles	150	114	36	24%	8	34
St. Edward's	152	85	67	44%	7	64
Prov. Hebrew Day	126	106	20	15.8%	2	19
Holy Ghost	336	220	116	34.5%	22	103
Holy Name	150	107	43	28.6%	5	40
St. Joseph's	148	95	53	35.9%	9	50
St. Mary's	300	204	96	32%	11	90
St. Michael's	453	291	162	35.7%	40	137
Our Lady of Lourdes	145	98	47	32.4%	3	45
St. Patrick's	147	88	59	40.1%	16	54
St. Paul's						
Christian Day	65	54	11	16.7%		11
St. Pius	201	139	62	30.8%	6	60
St. Raymond's	149	93	56	37.5%	16	48
St. Sebastian's	122	94	28	22.9%	3	26
St. Teresa's	318	200	118	37.1%	20	110
St. Thomas	159	94	65	40.8%	11	62
Tyler	144	87	57	39.5%	13	48

## FOOD

## CONTROL

1964 Licenses issued by Bureau of Licenses		1282
INSPECTIONS & FOOD EXAMINATIONS		
License Investigations		303
Restaurants, Class A		2387
Lunch Cart		27
Delicatessen		1183
Frozen Dessert Retailer		171
Traveling Caterers		129
Caterers		244
Bars, Class C		377
Food Establishments not Licensed		7
Misc. Food Inspections		149
Nursing Homes, Schools, Institutions		539
Laundry Inspections		143
Milk & Cream Sampling		995
Bacteriological Tests - Swabs		1979
Bacteriological Education Calls		1098
Food samples for Laboratory Tests		16
Xray Follow-up (For re-examination)		95
TOTAL INSPECTIONS		9842
Routine Inspections	8194	
Complaints Investigated	132	
Recall Inspections	1516	
TOTAL INSPECTIONS - EXAMINATIONS		9842

## MISCELLANEOUS

Response to Fires (Food Establishments)	20
License Tags Issued (Trucks)	154
Food Handlers Xrays	6938

## FOOD CONDEMNATIONS \*

Poultry	1280 lbs.
Meats	3473 "
Fish	784 "
Flour	1880 "
Grocery Products	4235 "
Canned Goods	2783 "
Bakery Products	836 "
Fruit & Vegetables	378 "
Drugs	976 "
Milk & Cream	591 qts.
Cigarettes	342 ctns.
Cigars	300 bxs.

\* All condemned Food Products were destroyed under the supervision of the Health Officer.

RODENT	Inspections and Recalls	5,770
CONTROL	Bait Stations Set	13,157
PROGRAM	Bait packages issued	2,778
	Warning signs posted	31
	Loads of Debris removed (Gov't Property)	453
	Weed Killer used, (Gals.)	30
	Marihuana removed (Loads)	19
MOSQUITO	Ditching, Linear Feet	24,395
CONTROL	Brush Cutting, Sq. Ft.	109,310
	Acres Sprayed	1,350
	Catch Basins Sprayed	39,202
	Spray Materials used (Gals.)	3,517
RABIES	Cat Bites reported	51
CONTROL	Dog	1,855
	Hamster	7
	Monkey	7
	Rabbit	5
	Rat	7
	Squirrel	5
	Miscellaneous	5
	Animal Brain Examinations - State Laboratory	3

MILK	Milk licenses issued to retail dealers and distributors	59
QUALITY	Milk licenses issued to Stores, Restaurants, Schools, etc.	882
CONTROL	Milk plants located in city	4
	Milk dealers delivering in city	59
	Milk quality violation warnings issued	522
	Number of hearings held - Milk	0
	Milk plant Inspections	8
	Estimated Daily Consumption of Milk:	
	Grade A (Quarts)	14,000
	Pasteurized (Quarts)	114,000
	Milk & Cream Samples Collected	4,299
	Milk Samples Analyzed:	
	Chemical	3,743
	Bacteriological	3,703
	Cream Samples Analyzed:	
	Chemical	556
	Bacteriological	546
	Milk quality reports are published quarterly and are available by request from this office.	
FROZEN	Frozen dessert licenses issued	68
DESSERT	Frozen dessert plants in city	29
CONTROL	Number of Frozen Dessert plants shipping finished products into the city.	39
	Frozen Dessert Plant Inspections	49
	Number of hearings held - Frozen Dessert	1
	Frozen Dessert Samples Collected:	638
	Frozen Dessert samples Analyzed	
	Chemical	633
	Bacteriological	468
	Number of Restaurant Cultures Analyzed for Bacteria	3,919