

Tuberculosis

PROGRAM REPORTS

Six-month period ending June 1968

March 1969

INTRODUCTION

TUBERCULOSIS

REGISTERS

REGISTERS

MEDICAL SURVEILLANCE

ACTIVE CASES

EXAMINATION OF CONTACTS TO NEW

ACTIVE CASES

TUBERCULOUS SUSPECTS

NEW REPORTING AREAS AND PROGRAM

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APPENDIX TABLES

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Health Services and Mental Health Administration

National Communicable Disease Center

Tuberculosis Branch, Statistical Services Unit

ATLANTA, GEORGIA 30333

HIGHLIGHTS

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HIGHLIGHTS

4—**DRUG THERAPY**, within the six-month period under review, was prescribed for 19,463 persons with active disease, 60.3 percent of all active tuberculosis cases under care at home, or 89.7 percent of the 21,686 patients who received a medical examination in the last six months.

5—**MEDICAL EXAMINATIONS** and/or chest x-rays were done within six months for 21,686 persons with active tuberculosis, or 67.2 percent of all active cases at home.

6—**MEDICAL SUPERVISION** of new active tuberculosis cases. From January to June 1968, 16,260 new cases were reported in 82 programs. At the end of June, 8,461 or 52 percent were under hospital care. Among the 7,799 classified as unhospitalized, 1,218 persons died leaving 6,581 living cases. Of these cases, 6,185 (94 percent) were under medical supervision at home. The remaining 396 unsupervised cases moved, could not be found, or refused supervision.

7—**CONTACTS TO** newly reported cases. In 81 programs, 15,821 new cases were found, and 93,312 contacts to these cases were identified, or 5.9 contacts per case. Of the total identified, 80,342 or 86.1 percent were examined, and 968 active cases of tuberculosis were found, the greater number (707) being found among the household contacts. Among the 7,769 children under age 5 who were examined, 321 cases were discovered.

8—**TUBERCULOSIS SUSPECTS**. In the last six months of 1967, 75 tuberculosis programs reported 33,528 persons suspected of having tuberculosis. Within six months, 29,232 or 87.2 percent were examined or excluded from further consideration because of death, having moved out of the health jurisdiction, or for other reasons. Active tuberculosis was confirmed in 2,870 persons referred for diagnosis within six months. No disposition was recorded in a six-month period for 4,296 suspects.

1—**"Tuberculosis PROGRAM REPORTS"** for the six-month period ending June 30, 1968, were submitted by 49 states, the District of Columbia, Puerto Rico, the Virgin Islands and Guam. These included 1,221 reports on tuberculosis case registers, 977 on current supervision of new active cases, 975 on contacts to newly reported cases, and 827 on the disposition of suspects.

2—**TUBERCULOSIS REGISTERS** in 81 tuberculosis programs, included 275,470 persons at the end of June 1968, with 53,285 identified as having active disease. Of the active cases, 21,026 were in hospitals and 32,259 were under care on an at home basis.

3—**BACTERIOLOGICAL EXAMINATIONS** were completed for 15,542, or 56.2 percent of the 27,678 active pulmonary tuberculosis cases under care outside of hospitals.

PROGRAM REPORTS

INTRODUCTION

This is the seventh report in a series of semi-annual reference books which summarize tuberculosis program performance statistics for areas which have received PHS tuberculosis grants since 1961.* The programs

*Previous statistical reports in this series included: (1) SPECIAL TUBERCULOSIS PROJECTS, 1961-1965, CDC, TB Branch, Statistical Services Unit, (April 1966), Atlanta, Georgia; (2) SPECIAL TUBERCULOSIS PROJECTS, December 1965, CDC, TB Branch, Statistical Services Unit, (October 1966), Atlanta, Georgia; (3) SPECIAL TUBERCULOSIS PROJECTS, June 1966, NCDC, TB Program, Statistical Services Unit, (April 1967), Atlanta, Georgia; (4) SPECIAL TUBERCULOSIS PROJECTS, December 1966, NCDC, TB Program, Statistical Services Unit, (October 1967), Summary Report (October 1967), Atlanta, Georgia; (5) SPECIAL TUBERCULOSIS PROJECTS, June 1967, NCDC, TB Program, Statistical Services Unit, (February 1968), Atlanta, Georgia; (6) TUBERCULOSIS PROGRAM REPORTS, December 1967, NCDC, TB Program, Statistical Services Unit, (October 1968), Atlanta, Georgia.

TABLE 1.—Starting Dates—83 Tuberculosis Programs, 1961-1968

Year, Interval	Projects Started During Six-Month Interval*
1961, Dec.	1
1962, Jan. - June ...	19
July - Dec. ...	3
1963, Jan. - June ...	5
July - Dec. ...	..
1964, Jan. - June ...	5
July - Dec. ...	20
1965, Jan. - June ...	9
July - Dec. ...	7
1966, Jan. - June ...	9
July - Dec. ...	3
1967, Jan. - June ...	2
July - Dec. ...	0
1968, Jan. - June ...	0
Total 1961 - 1968	83

*The 83 programs are only those in operation as of June 30, 1968. Programs started during six-month intervals take into account programs that were consolidated or discontinued.

reviewed in this report encompass approximately four-fifths of the cases on tuberculosis registers in the country. These statistics therefore represent a cross section of the tuberculosis problem in the United States. An interpretation of statistics for a particular county or reporting area may require a more penetrating analysis of the data in terms of the specific circumstances that apply to that area. The regional and national indices are averages and can be useful as points of reference.

Readers are cautioned as to the meaning of the indices. For example, tuberculosis register data represent the status of patients at a point in time, as of June 30 or December 31. These cases have been under care or supervision for varying lengths of time. The report does not describe what occurred during the six-months—it merely states the net result at the end of the period. Statistics on newly reported active cases in this report refer to the status of cases at the end of a six-month period. On the other hand, data on suspects describe what action was taken concerning them during a six-month period, which differs for each suspect. Similar considerations apply to indices for contacts, etc.

The present summary gives data mainly for the six-month period from January to June 1968, with general references to statistics at yearly intervals for previous periods.

As of June 30, 1968, there were 83 tuberculosis programs which submitted 4,000 statistical summaries on their program activities. These included: *Tuberculosis Case Register* reports for 1,221 reporting areas (from 81 programs), *Bacteriology and Current Supervision of Newly Reported Cases for 6 Months* for 977 areas (82 programs), *Examination of Contacts to Newly Reported Active Cases* for 975 areas (81 programs), and *Tuberculosis Suspect* reports for 827 areas (75 programs).

TABLE 2.—Tuberculosis Programs Submitting Reports, June 30, 1968

Region	Tuber- culosis Programs	TYPE OF REPORT SUBMITTED			
		TB Reg- isters (a)	Medical Super- vision(b)	Con- tacts (c)	Sus- pects (d)
1	7	6	7	7	5
2	8	8	8	8	7
3	12	12	12	12	12
4	12	12	12	12	12
5	7	6	6	6	3
6	12	12	12	12	11
7	7	7	7	7	7
8	5	5	5	5	5
9	13	13	13	12	13
Total	83	81	82	81	75

The following programs did not submit reports;

- (a) Mass. State, Chicago, Ill.;
- (b) Chicago, Ill.;
- (c) Chicago, Ill., Guam;
- (d) Conn. State, Mass. State, New Jersey State, Illinois State, Chicago, Ill., Indiana State, Marion Co., Ind., South Dakota State.

These reports now encompass information for expanding geographic areas within the jurisdiction of the tuberculosis programs. In the first six months of 1968, ten programs added 176 new reporting areas. This extension into new areas is incorporated into the following statistical summaries.

Note: REPORTING AREAS generally are geographic sub-divisions of individual project areas, although in a number of instances the reporting areas and project area are coextensive. The number of reporting areas within a project area will vary from project to project, and may be increased or decreased if a different number of subdivisions is shown to be necessary for more effective program planning.

TUBERCULOSIS PROGRAM REGISTERS

For the six months ending June 30, 1968, 81 programs submitted 1,221 tuberculosis register reports. This is an increase of 105 reports since December 31, 1967, due mainly to geographic expansion of activities in ten programs.*

*New York City, Maryland, Virginia, Alabama, Florida, Tennessee, Texas, Colorado, California, and Michigan.

TABLE 3.—Cases in Tuberculosis Program Area Registers (a) 1961-1968

Reports as of this Date	Total Cases on Registers	Active Cases on Registers (End of Period)					
		Total Active		Hospitalized for TB		Active at Home	
		Cases	Percent (b)	Cases	Percent (c)	Cases	Percent (c)
Dec. 1961 ...	18,649	7,559	40.5	3,873	51.2	3,686	48.8
June 1962 ...	25,483	8,877	34.8	4,842	54.5	4,035	45.5
Dec. 1962 ...	38,173	13,055	34.2	6,908	52.9	6,147	47.1
June 1963 ...	40,447	13,992	34.6	7,661	54.8	6,331	45.2
Dec. 1963 ...	46,476	13,992	30.1	7,764	55.5	6,228	44.5
June 1964 ...	52,615	15,478	29.4	8,438	54.5	7,040	45.5
Dec. 1964 ...	94,603	23,007	24.3	11,394	49.5	11,613	50.5
June 1965 ...	118,695	29,095	24.5	13,977	48.0	15,118	52.0
Dec. 1965 ...	166,829	36,986	22.2	17,606	47.6	19,380	52.4
June 1966 ...	186,714	40,857	21.9	19,081	46.7	21,776	53.3
Dec. 1966 ...	211,168	48,210	22.8	18,893	39.2	29,317	60.8
June 1967 ...	212,618	46,249	21.8	18,572	40.2	27,677	59.8
Dec. 1967 ...	263,110	55,336	21.0	20,878	37.7	34,458	62.3
June 1968 ...	275,470	53,285	19.3	21,026	39.5	32,259	60.5

(a) June 1968 Tuberculosis Programs for which expanding and supplemental register data was submitted.

All figures are as of the last day of period (i.e., June 30, Dec. 31).

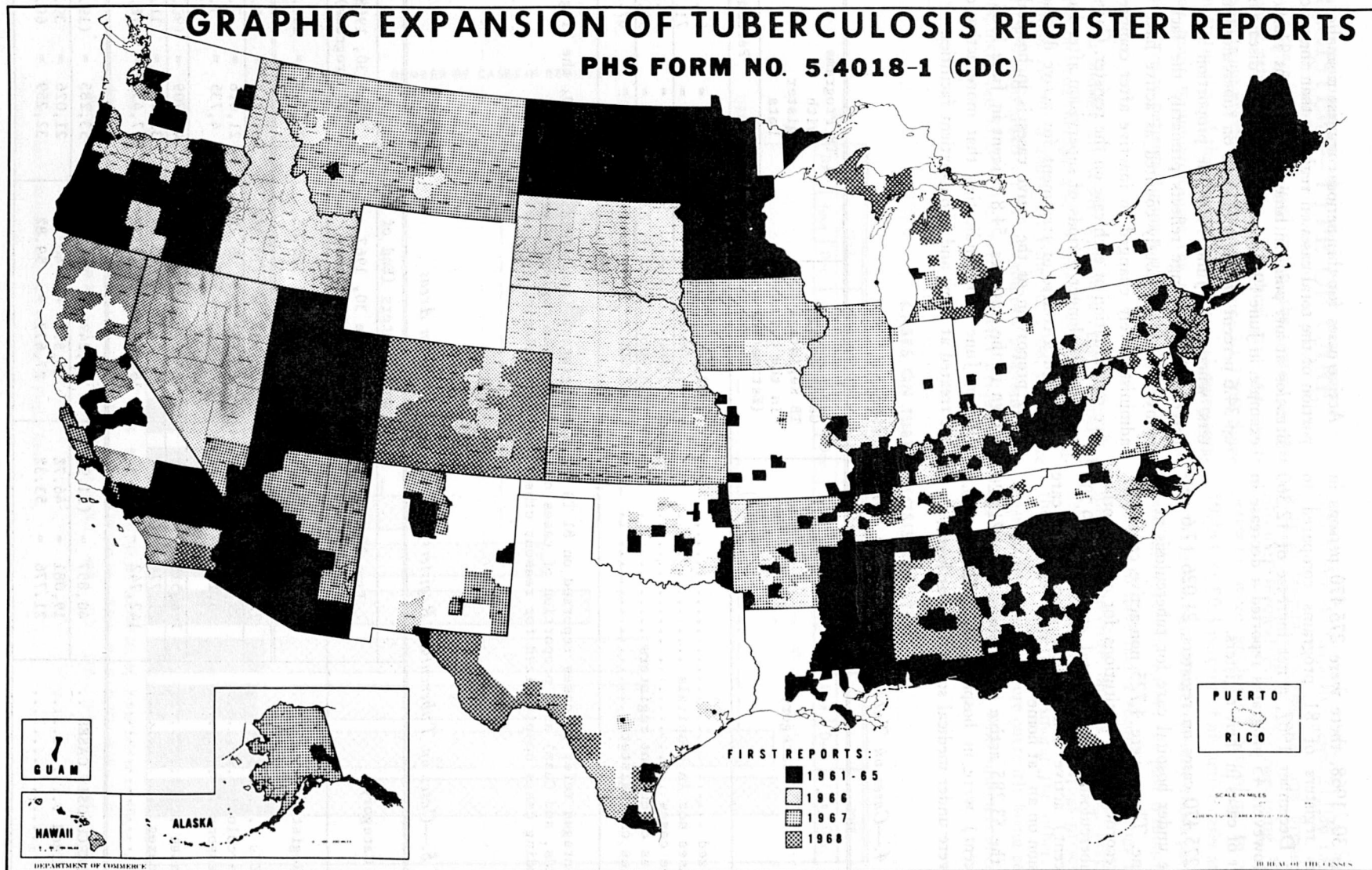
(b) Percent active cases of total cases on registers.

(c) Percent hospitalized for TB and "at home" cases of total active cases.

NOTE: Included in active at home cases are identified primary and extra-pulmonary active cases (Dec. 1962 = 495, Dec. 1963 = 401, June 1964 = 352, Dec. 1964 = 593, June 1965 = 1,218, Dec. 1965 = 1,435, June 1966 = 2,160, Dec. 1966 = 4,829, June 1967 = 4,506, Dec. 1967 = 5,451, June 1968 = 4,581).

GRAPHIC EXPANSION OF TUBERCULOSIS REGISTER REPORTS

PHS FORM NO. 5.4018-1 (CDC)



5

On June 30, 1968, there were 275,470 persons in tuberculosis registers of 81 programs compared to 263,110 in December 1967, a net increase of 12,360 persons. However, 45 programs reported a decrease in the number of cases in their registers.

Of the 275,470 cases on registers, 21,026 (7.6 percent) were under hospital care for tuberculosis at the end of June. There were 4,725 non-active cases (1.7 percent) recorded as in institutions for reasons other than for tuberculosis (penal, mental, etc.), and 249,709 (90.7 percent) active and inactive cases under care or supervision on an "at home" basis.

Among the 53,285 active tuberculosis cases, 21,026 (39.5 percent) were in hospitals, and 32,259 (60.5 percent) were under medical supervision at home.

Active cases for this period comprise a smaller proportion of the total cases on registers than the reported situation at any point in time during recent years. For example, in June 1963, persons with active disease made up 34.6 percent of the total cases on tuberculosis registers, whereas in June 1968 the proportion was 19.3 percent. This change reflects primarily the fact that many persons previously counted as active have been administratively changed to inactive after comprehensive re-evaluation of each case on the register. Cases are retained for longer periods of supervision after having completed a course of treatment for active disease. A lesser proportion of the active cases is in hospitals as shown in the statistics, 54.8 percent in June 1963 and 39.5 in June 1968, indicating that more active cases are treated at home and in out-patient facilities.

TABLE 4.—Cases on Tuberculosis Registers, June 30, 1968

Category	Cases on all TB Registers in the U.S. (Estimated)	81 TB Programs with Register Data	
		Number	Percent (a)
Hospitalized	32,000	21,026	= 67.5
Active cases not in hospitals	45,000	32,259	= 71.7
All active cases	77,000	53,285	= 69.2
Other cases on current registers	238,000	222,185 (b)	= 93.4
Total cases on registers	315,000	275,470	= 87.5

- (a) Percentages refer to cases reported on 81 TB Program registers (including Puerto Rico, the Virgin Islands, and Guam) as a proportion of cases on all TB Program registers in the U.S.
 (b) Including cases hospitalized for reasons other than tuberculosis.

TABLE 5.—Cases on Tuberculosis Registers, Tuberculosis Program Areas

Category	Cases on Registers (End of period)		
	June 30, 1966 (73 Programs)	June 30, 1967 (78 Programs)	June 30, 1968 (81 Programs)
CASES on Registers (total) .	186,714 = 100.0%	212,618 = 100.0%	275,470 = 100.0%
HOSPITALIZED	22,196 = (11.9%)	21,982 = (10.3%)	25,761 = (9.4%)
For tuberculosis	19,081 = 10.2%	18,572 = 8.7%	21,026 = 7.7%
Other reasons	3,115 = 1.7%	3,410 = 1.6%	4,735 = 1.7%
AT HOME Cases	164,518 = (88.1%)	190,636 = (89.7%)	249,709 = (90.6%)
Active cases	21,776 = 11.7%	27,677 = 13.0%	32,259 = 11.7%
Other	142,742 = 76.4%	162,959 = 76.7%	217,450 = 78.9%
ACTIVE TUBERCULOSIS CASES ..	40,857 = (21.9%)	46,249 = (21.8%)	53,285 = (19.4%)
Hospitalized	19,081 = 46.7%	18,572 = 40.2%	21,026 = 39.5%
At home	21,776 = 53.3%	27,677 = 59.8%	32,259 = 60.5%

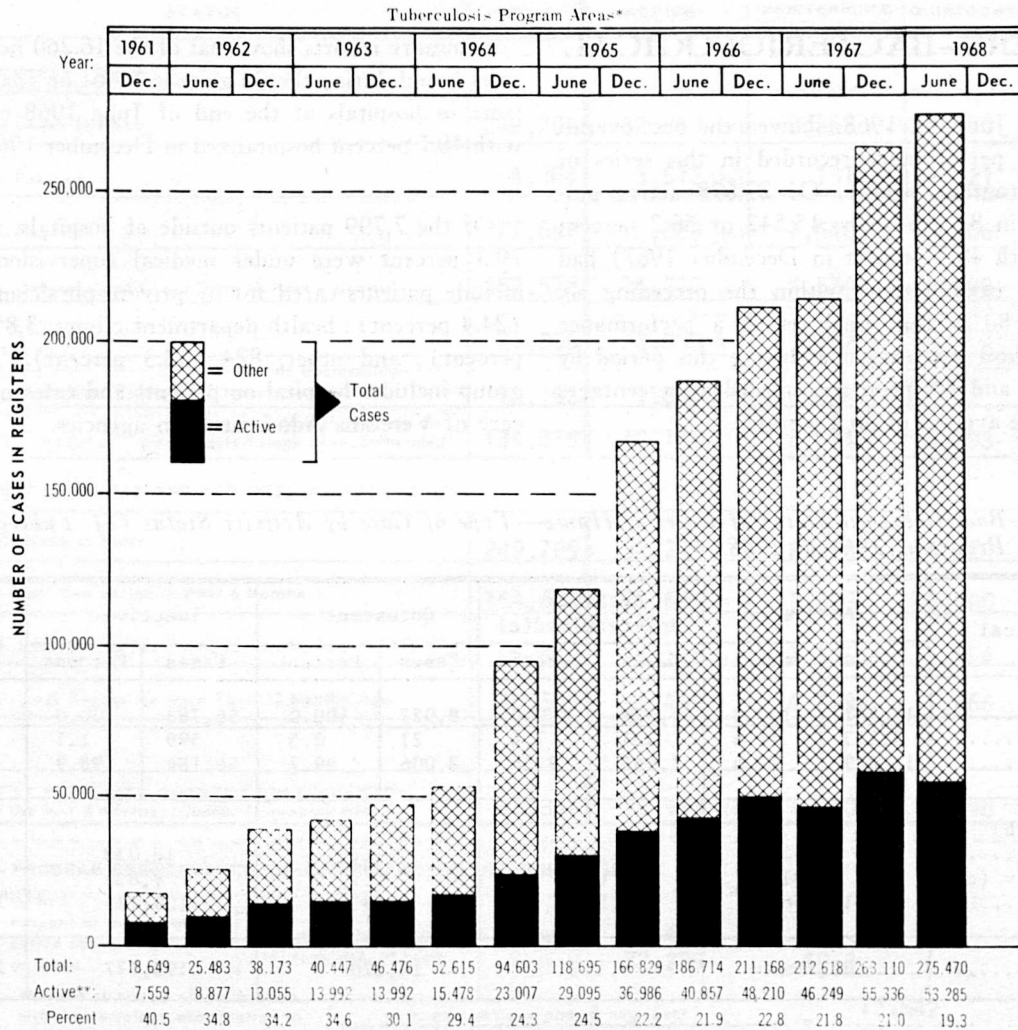
REGISTERS—TYPE OF CARE

“Type of Care” as used within the context of this review refers to the status of medical care and supervision being provided to cases as of June 30, 1968. Since the status is as of that day only, a numerical representation tends to underestimate the total amount of the care given to patients during a six-month period.

Two indices are dealt with here: the number of cases on drug therapy, and the recency of medical examinations. As noted above, on June 30, 1968, there were 275,470 individuals on 81 tuberculosis program registers, including 53,285 (19.3 percent) with active tuber-

culosis. Among the active cases, 21,026 (39.5 percent) were in hospitals on that day and presumably under adequate medical care. The remaining 32,250 (60.5 percent) were at home. According to the reports, 19,463, or 60.3 percent of all active cases at home were on drug therapy. However, only those patients with a medical evaluation within the past 6 months were in a position to have had a record that drugs were recommended. Therefore, on this basis 89.7 percent of those available for examinations had drugs prescribed within the six-month period. Among the other than active cases at home, drugs were currently being recommended for 55 percent of cases with undetermined status, 84

CASES ON TUBERCULOSIS REGISTERS



*Cases in registers on last day of period in expanding TB Program Areas.

**Active cases included in total.

percent of quiescent cases, and 52 percent of inactive cases. Of the 249,709 total cases at home, 91,818 or 59 percent were reported to be on drug therapy or had a current prescription which provided for anti-tuberculosis drugs. The reports do not indicate how well the recommendations were being followed.

Chest X-rays or medical examinations were done within 6 months for 21,686 or 67.2 percent of all active cases at home. Other than active cases reported as having been examined within six months include 76 percent of quiescent cases, 61 percent of those classified as inactive, and 38 percent with unknown or undetermined status. Sixty-two percent of all at home cases were reported as having had a medical examination within the past six months.

REGISTERS—BACTERIOLOGICAL STATUS

Reports for June 30, 1968, showed the best overall bacteriological performance recorded in this series of tuberculosis program reports. Of 27,678 active pulmonary cases in 81 programs, 15,542 or 56.2 percent (compared with 49.5 percent in December 1967) had bacteriological examinations within the preceding six months. The 80 percent goal set as a performance standard in 1960 was exceeded during this period by 40 programs, and 68 programs recorded percentages higher than the average of 56.2 percent.

Among the 188,531 individuals at home classified as having inactive pulmonary disease, 66,589 received bacteriological examinations and 751 persons or 1.1 percent had positive findings for tubercle bacilli during the period under review. For 15,542 active cases, 3,513 or 22.6 percent were positive. No examination was recorded for 12,136 active cases for whom bacteriology should have been done.

MEDICAL SUPERVISION OF NEWLY REPORTED ACTIVE TUBERCULOSIS CASES

From January 1 to June 30, 1968, 16,260 new active tuberculosis cases were reported upon in 82 programs—an increase of 1,028 new active cases over December 1967 when 80 programs reported.

Summary reports show that of the 16,260 new active cases found during the six months, 8,461 or 52.0 percent were in hospitals at the end of June 1968 compared with 48.7 percent hospitalized in December 1967.

Of the 7,799 patients outside of hospitals, 6,185 or 79.3 percent were under medical supervision. These include patients cared for by private physicians, 1,506 (24.4 percent); health department clinics, 3,855 (62.3 percent); and other, 824 (13.3 percent). The last group includes hospital outpatients and cases under the care of Veterans Administration agencies.

TABLE 6.—*Bacteriological Status of Cases at Home—Type of Case by Activity Status (81 Tuberculosis Programs, June 30, 1968)*

Current Bacteriological Status	Active		Activity Undetermined(a)		Quiescent		Inactive		Total At Home
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	
EXAMINATION	15,542	100.0	1,779	100.0	8,027	100.0	56,783	100.0	82,131
Positive	3,513	22.6	131	7.4	21	0.3	599	1.1	4,264
Negative	12,029	77.4	1,648	92.6	8,006	99.7	56,184	98.9	77,867
UNDETERMINED (b)									
Primary (c)	2,890		382		...		18,033		21,305
Non-Pulmonary (c)	1,691		668		...		9,836		12,195
Pulmonary	12,136		6,524		6,293		109,125		134,078
Total At Home	32,259		9,353		14,320		193,777		249,709

(a) Activity not determined or not stated on report.

(b) Bacteriology status not determined or not done in past 6 months.

(c) Specimen not obtainable or specifically not requested by M.D. for bacteriological study.

TUBERCULOSIS CASE REGISTER REPORT

PART A - PROJECT IDENTIFICATION

REGIONS 1-9

81 Programs

1. FISCAL YEAR Δ Δ 2. PROJECT NO. / 3. DHEW REGION (1221 Reporting Areas)
 4. STATE 5. GROUP / DISTRICT
 6. COUNTY 7. OTHER
 8. IS THIS REPORT COMPLETE? YES NO IF NO, CHECK AND COMPLETE BELOW.
 a. NO DATA AVAILABLE (State reason) (Date to be completed)
 b. PARTIAL DATA SUBMITTED (State reason) (Date to be completed)

PART B - CASES IN CURRENT FILE

REGISTER STATUS AS OF 6-30-68
 Mo. Day Yr.

1. TOTAL CASES IN FILE 275,470
 a. HOSPITALIZED FOR TUBERCULOSIS 21,026
 b. IN AN INSTITUTION FOR ANOTHER REASON (Must be inactive) 4,735
 c. AT HOME (i.e. not in an institution) 249,709

PART C - CASES AT HOME (Same as Part B, Item 1c)

STATUS	TOTAL	ACTIVE	ACTIVITY UNDETERMINED OR NOT STATED	QUIESCENT	INACTIVE
1. CURRENT BACTERIOLOGICAL STATUS (Not current if more than 6 months old)					
Total Cases at Home	249,709	32,259 (c)	9,353	14,320	193,777
a. Positive	4,264	3,513 (p)	131	21	599
b. Negative	77,867	12,029 (n)	1,648	8,006	56,184
c. Undetermined or not Done in Past 6 Months	167,578	16,717	7,574	6,293	136,994
1) Primary	21,305	2,890 (pr)	382		18,033
2) Non - Pulmonary (With no bacteriology recommended)	12,195	1,691 (np)	668		9,836
3) Other (Pulmonary plus Non-Pulmonary on whom bacteriology is recommended)	134,078	12,136	6,524	6,293	109,125
2. RECENCY OF X-RAY AND /OR MEDICAL EVALUATION					
Total Cases at Home	249,709	32,259	9,353	14,320	193,777
a. Last Evaluation in Past 6 Months	154,623	21,686	3,529	10,900	118,508
b. Last Evaluation 7 thru 12 Months Ago	46,547	5,115	1,525	1,954	37,953
c. Last Evaluation More Than 12 Months Ago	48,539	5,458	4,299	1,466	37,316
3. CASES AT HOME WITH CURRENT DRUG THERAPY (Within the last 6 months) (Cannot be greater than 2a)					
	91,817	19,463 (d)	1,940	9,198	61,216

PART D - PROGRAM PERFORMANCE CONCERNING ACTIVE AT HOME CASES

COMPUTE:

1. Percent of total known active cases at home on drugs } $\frac{(d) \text{ act. at home with drug therapy}}{(c) \text{ total act. at home}} = \frac{19,463}{32,259} = 60.3\%$
2. Percent of active cases at home with bacteriology examination in past 6 months } $\frac{(p+n) \text{ act. at home pos. \& neg. bact.}}{c - (pr+np \text{ with no bacteriology recommended}) \text{ total act. at home minus act. pri. plus act. non-pul.}} = \frac{15,542}{27,678} = 56.2\%$

There were 396 cases reported as not under medical supervision: patients refusing supervision, 111; persons moving out of the area, 219; and patients not located, 66. In addition, 1,218 deaths of new cases occurred during the six-month period, including 601 that were first reported as having active disease at time of death. If the deaths are excluded, then 94 percent of the living cases were under supervision, and 6 percent not under supervision at the end of the period.

Of 16,260 new cases, 9,675 (59.5 percent) had positive bacteriology, 3,189 (19.6 percent) had negative readings, and 3,396 (20.9 percent) had no record of bacteriology done. Among the 3,396 cases without bacteriological examination, 1,958 were primary and non-pulmonary cases for whom an examination was not requested. For the 14,302 cases for whom bacteriology was recommended, 12,864 or 89.9 percent were reported as having bacteriological examinations done.

TABLE 7.—Bacteriological Examinations—New Active Tuberculosis Cases Reported, During 1966, 1967, and 1968 (Tuberculosis Programs Submitting Data)

Status	Bacteriological Status Reported Within 60 Days (New Active TB Cases)					
	Jan.-June 1966 (69 Programs)		Jan.-June 1967 (79 Programs)		Jan.-June 1968 (82 Programs)	
	Cases	Percent	Cases	Percent	Cases	Percent
New Active cases reported	11,767	100.0	14,059	100.0	16,260	100.0
Cases excluded (no bact. exam) (a)	687	5.8	1,794	12.8	1,958	12.0
Primary TB cases	(620)	...	(1,291)	...	1,431	...
Non-Pulmonary cases	(67)	...	(503)	...	527	...
Cases with exam. required (b) ...	11,080	94.2	12,265	87.2	14,302	88.0
Bacteriology reported	8,553	(77.2) (d)	10,750	(87.6) (d)	12,864	(89.9) (d)
Positive	6,325	(74.0) (e)	7,933	(73.8) (e)	9,675	(75.2) (e)
Negative	2,228	(26.0) (e)	2,817	(26.2) (e)	3,189	(24.8) (e)
Examination not done (c)	2,527	(22.8) (d)	1,515	(12.4) (d)	1,438	(10.1) (d)

- (a) Bacteriological examinations were not requested by physicians for many active primary and some non-pulmonary cases, which in most instances could not yield specimens.
 (b) New active TB cases for which a bacteriological examination should have been done within sixty days.
 (c) Pulmonary and non-pulmonary cases which should have had a bacteriological examination to determine TB activity.
 (d) Percent of "cases with examination required."
 (e) Percent of cases with "bacteriology reported."

TABLE 8.—Status of Supervision—New Active Tuberculosis Cases Reported, During Six-Month Periods (Tuberculosis Programs Submitting Data)

Category	Supervision Status At End of Period (TB Cases Reported During Period)					
	Jan.-June 1966 (69 Programs)		Jan.-June 1967 (79 Programs)		Jan.-June 1968 (82 Programs)	
	Cases	Percent	Cases	Percent	Cases	Percent
NEW CASES REPORTED	11,767	100.0	14,059	100.0	16,260	100.0
Hospitalized	6,558	55.8	7,487	53.3	8,461	52.0
Not Hospitalized	5,209	44.2	6,572	46.7	7,799	48.0
NOT HOSPITALIZED CASES	5,209	100.0	6,572	100.0	7,799	100.0
UNDER SUPERVISION	3,956	75.9	5,148	78.3	6,185	79.3
Private Physician	(937)		(1,114)		(1,506)	
Health Dept. Clinics	(2,414)		(3,424)		(3,855)	
Other	(605)		(610)		(824)	
NOT UNDER SUPERVISION						
Moved, died, other	1,253	24.1	1,424	21.7	1,614	20.7

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

FORM APPROVED
BUDGET BUREAU NO. 68-R782

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL
NATIONAL
COMMUNICABLE DISEASE CENTER
TUBERCULOSIS PROGRAM
ATLANTA, GEORGIA 30333

SUMMARY REPORT

BACTERIOLOGY AND CURRENT SUPERVISION OF ACTIVE CASES NEWLY REPORTED FOR 6 MONTHS

PART A - PROJECT IDENTIFICATION

REGIONS 1-9

82 Programs
(977 Reporting Areas)

1. FISCAL YEAR $\triangle 1$ $\triangle 9$ 2. PROJECT NO. ___ / ___ 3. DHEW REGION _____
4. STATE _____ 5. GROUP/DISTRICT _____
6. COUNTY _____ 7. OTHER _____
8. IS THIS REPORT COMPLETE? YES NO IF NO, CHECK AND COMPLETE BELOW.
- a. NO DATA AVAILABLE _____ (State reason) _____ (Date to be completed)
- b. PARTIAL DATA AVAILABLE _____ (State reason) _____ (Date to be completed)
9. CURRENT SUPERVISION OF ACTIVE CASES NEWLY REPORTED FROM 1-1-68 TO 6-30-68
(Date) (Date)

PART B - BACTERIOLOGY ON REPORT (or within 60 days of report)

TYPE	SMEAR	CULTURE	UNKNOWN	TOTAL	PERCENT
1. Total	6,216	5,818	830	16,260	100.0
a. Positive	4,833	4,274	568	9,675 (a)	59.5
b. Negative	1,383	1,544	262	3,189 (b)	19.6
c. Undetermined				3,396	20.9

PART C - UNDETERMINED BACTERIOLOGY ON REPORT

	NUMBER	PERCENT
1. Total undetermined	3,396	100.0
a. Primary	1,431	42.1
b. Non-pulmonary	527	15.5
c. Unknown	1,438 (c)	42.4

PART D - CURRENT SUPERVISION

	NUMBER	PERCENT
1. Total reported	16,260	100.0
2. Hospitalized	8,461	52.0
3. Not hospitalized	7,799	48.0
a. Under supervision	6,185	
1) Private physician	1,506	
2) Health Dept. clinic	3,855	
3) Other	824	
b. Not under supervision	1,614	
1) Refused supervision	111	
2) Moved out of area	219	
3) Lost, unable to locate	66	
4) Died (including reported at death)	1,218	
a. Reported at death	601	
b. Died	617	

PART E - PERCENT BACTERIOLOGY ON REPORT COMPUTE:

(a) + (b) Total Positive + Total Negative = 12,864

(a) + (b) + (c) Total Positive + Total Negative + Bacteriology Unknown = 14,302 89.9 %

02 SUMMARY REPORT ON THE EXAMINATION OF CONTACTS TO NEWLY REPORTED ACTIVE CASES
REGIONS 1-9

PART A - PROJECT IDENTIFICATION

81 Programs
 (975 Reporting Areas)

1. FISCAL YEAR 19 2. PROJECT NO. / 3. DHEW REGION
 4. STATE 5. GROUP DISTRICT
 6. COUNTY 7. OTHER
 8. IS THIS REPORT COMPLETE? YES NO IF NO, CHECK AND COMPLETE BELOW:
 a. NO DATA AVAILABLE (State reason) (Date to be completed)
 b. PARTIAL DATA SUBMITTED (State reason) (Date to be completed)

PART B - NEW ACTIVE CASES (6 months only)

Includes new active cases from Part C, Item 4 Yield New Active Cases

1. NEW ACTIVE CASES REPORTED FROM 1-1-68 TO 6-30-68
 (Date) (Date)
 2. TOTAL NEW ACTIVE CASES 15,821
 a. NEW ACTIVE CASES 0 THRU 4 YEARS OF AGE 860
 b. NEW ACTIVE CASES 5 YEARS OF AGE AND OLDER 14,961

PART C - CONTACTS TO NEWLY REPORTED ACTIVE CASES

HOUSEHOLD STATUS	AGE GROUPS		TOTAL
	0 thru 4	5 and Over	Number
1. <u>Contacts Identified</u>	8,715	84,597	93,312 5.9cpc
a. <u>In the Household</u>	4,473	33,871	38,344
b. <u>Non-Household</u>	4,242	50,726	54,968
2. <u>Contacts Examined</u>	7,769	72,573	80,342 (86.1%)
a. <u>In the Household</u>	3,953	28,876	32,829 (85.6%)
b. <u>Non-Household</u>	3,816	43,697	47,513 (86.4%)
3. <u>Contacts on Prophylaxis</u>	1,805 (24.2%)*	14,389	16,194 (20.4%)*
a. <u>In the Household</u>	1,380 (37.2%)*	9,759	11,139 (34.7%)*
b. <u>Non-Household</u>	425 (11.4%)*	4,630	5,055 (10.7%)*
4. <u>Yield of New Active Cases</u>	321	647	968 (1.2%)
a. <u>In the Household</u>	243	464	707 (2.2%)
b. <u>Non-Household</u>	78	183	261 (0.5%)

PART D *Percentage of contacts on prophylaxis is based on contacts examined, excluding new active cases.
 Cases with Duplicate Contacts 957
 Cases with No Contacts 1,942

TUBERCULOSIS SUSPECT REPORT
REGIONS 1-9

75 Programs
 (827 Reporting Areas)

PART A - PROJECT IDENTIFICATION

1. FISCAL YEAR 19 9 2. PROJECT NO. / 3. DHEW REGION
 4. STATE 5. GROUP / DISTRICT
 6. COUNTY 7. OTHER
 8. IS THIS REPORT COMPLETE? YES NO IF NO, CHECK AND COMPLETE BELOW.
 a. NO DATA AVAILABLE (State reason) (Date to be completed)
 b. PARTIAL DATA SUBMITTED (State reason) (Date to be completed)
 9. DISPOSITION MADE WITHIN 6 MONTHS FOR TUBERCULOSIS SUSPECTS
 IDENTIFIED BY MEANS OF X-RAY BETWEEN 7-1-67 (Date) AND 12-31-67 (Date)

PART B - TUBERCULOSIS SUSPECTS REFERRED

1. Total tuberculosis suspects referred 33,528 (a)
 a. 70mm referral 18,083
 b. 14 x 17mm referral 13,439
 c. Other 2,006 (Specify)

PART C - DISPOSITION OF TUBERCULOSIS SUSPECTS REFERRED

1. Disposition made within 6 months 29,232 (b)
 Diagnosis established:
 a. Active tuberculosis 2,870 (c)
 1) New active 2,649
 2) Reactivated 221
 b. Inactive tuberculosis 5,182
 c. Non-tuberculosis chest disease 7,376
 e. Essentially negative 12,646
 Other:
 a. Died of causes other than tuberculosis 318
 b. Moved 840
 2. No disposition made within 6 months 4,296

PART D - PROGRAM PERFORMANCE

COMPUTE:

1. Percent of tuberculosis suspects referred who had satisfactory disposition within 6 months of screening operation.

$$\frac{(b) \text{ Disposition made within 6 months}}{(a) \text{ Total suspects referred}} = \frac{29,232}{33,528} = 87.2\%$$

 2. Yield

$$\frac{(c) \text{ Active tuberculosis}}{(b) \text{ Disposition made within 6 months}} = \frac{2,870}{29,232} = 9.8\%$$

EXAMINATION OF CONTACTS TO NEW ACTIVE CASES

From January to June 30, 1968, contact follow-up information for 15,821 new active cases was reported from 81 tuberculosis programs in 975 reporting areas. Among the 15,821 new cases, 860 or 5.4 percent were under 5 years of age. There were 93,312 contacts identified to the 15,821 new active cases, a rate of 5.9 contacts per case, including 2.4 household contacts per case and 3.5 non-household contacts per case.

Of the 93,312 contacts identified, 86 percent were given a first examination for tuberculosis. Of 79,374 contacts examined (excluding 968 found as new active cases), 16,194 or 20.4 percent were placed on prophylaxis, compared with 15.4 percent on prophylaxis for the preceding reporting period. The household group on prophylaxis increased to 34.7 percent (compared to 28.4 percent) and non-household increased to 10.7 percent (compared to 7.8 percent). For children under 5 years who were identified as contacts to a new active case and examined, 37.2 percent of the persons in households and 11.4 percent of non-household contacts were on prophylaxis.

Among 80,342 contacts, 968 new active cases were found, a rate of 12 cases per thousand examined. Proportionately, the yield of new active cases was highest for the under-5 age group, with a rate of 41 cases per thousand contacts examined (61 per thousand in the household and 20 per thousand among non-household contacts).

TUBERCULOSIS SUSPECTS

Reports on tuberculosis suspects from July 1 to December 31, 1967, summarize data in 75 tuberculosis programs covering 827 reporting areas.

As of December 31, 1967, there was a decrease in total number of suspects referred: 33,528 compared to 35,842 for the preceding reporting period. However, there was little change in the indices. In the 75 programs reporting in December, 29,232 of the 33,528 referrals had a disposition made within six months, or 87.2 percent compared with 87.5 percent for the 6 months ending in June 1967 in 71 programs. Among 29,232 suspects for whom a medical evaluation was established, 2,870 or 9.8 percent were found to have active disease, compared to 9.7 percent found active for the period ending June 1967.

Within the 6 months under review, of the 29,232 suspects for whom a diagnosis was established, 5,182 (17.7 percent) were inactive; 7,376 (25.2 percent) had non-tuberculous chest disease; and 12,646 (43.3 percent) were classified as essentially negative. There were 318 suspects who died from causes other than tuberculosis, and 840 persons moved from areas under the jurisdiction of the health department before a diagnostic workup could be completed.

From July to December 1967, there were 4,296 suspects (12.8 percent) for whom there was no record as to whether any action was taken to determine the presence or absence of tuberculosis.

TABLE 9.—Performance in Ten Tuberculosis Programs, June 30, 1968*

Standards of Performance Active Cases at Home	New Areas Added in 1968	Old Areas Established before 1968	Total Ten Programs
Chemotherapy			
Active cases	1,232	4,792	6,024
On drugs	762	3,819	4,581
Percent on drugs	61.9	79.7	76.0
Bacteriology			
Pulmonary active cases	1,058	3,988	5,046
Bacteriological examinations	749	3,362	4,111
Percent bacteriology completed	70.8	84.3	81.5
Medical Examinations			
Active cases	1,232	4,792	6,024
Current (6 mos.) examination	976	4,133	5,109
Percent examinations completed	79.2	86.2	84.8

*New York City, Maryland, Virginia, Alabama, Florida, Tennessee, Texas, Colorado, California, and Michigan.

NEW REPORTING AREAS AND PROGRAM PERFORMANCE INDICES

Expansion and Program Performance

In the last edition of this report it was shown that when projects first expand their tuberculosis activities into additional areas, these new areas tend to record a lower level of performance efficiency than the established program areas.

Because programs are at different stages of development, the addition of new areas with relatively little program achievement, tend to dilute the overall performance statistics. It is therefore important to evaluate separately both of these segments in a growing program.

During the first six months of 1968, ten tuberculosis programs added 176 reporting areas previously not included in the statistical summaries.

In the new areas, 70.8 percent of the pulmonary tuberculosis cases had a bacteriological examination completed within six months, compared to 84.3 percent accomplishment in the established segment of the ten programs. Somewhat similar proportions were recorded for the drug therapy. In the new areas, 61.9 percent of the active cases were on drugs, whereas in the remainder

of the programs 84.3 percent were on drug therapy during the six-month period. Medical examinations were completed for 79.2 percent of the patients in the new areas and 86.2 percent in the established portion of the programs.

Performance in Twenty-Two Tuberculosis Program Areas

A study initiated last year, to show the program performance in 22 comparatively stable geographic areas, was updated to include data as of June 1968* (See tables 10 and 11). Tuberculosis projects have been in operation in these areas for three or more years. The following tables and charts show indices of program performance from 1965 to 1968 for the 22 areas and for all other tuberculosis programs combined. Performance efficiency continues to be much better in established programs than in new or growing programs, even though improvement was recorded for the latter areas in the last six months.

Note: See Tuberculosis PROGRAM REPORTS, Six-months period ending December 1967 (pp. 19-23).

*Study areas: Erie County, New York; Jefferson County, Kentucky; District of Columbia; Alamance, Forsythe, Guilford, Halifax and Rockingham counties, North Carolina; Richmond, Virginia; Norfolk, Virginia; Jefferson County, Alabama; Dade, Hillsborough, Palm Beach and Brevard counties, Florida; Hamilton County, Tennessee; Pima County, Arizona; Sacramento, California; Denver, Colorado; Kansas City, Missouri; Minneapolis, Minnesota; Dayton, Ohio.

TABLE 10.—Active at Home Cases on Drug Therapy, 1965-1968—In 22 Selected Areas and Expanding Tuberculosis Programs

Reporting period *	Active Cases at home			Cases on Drug Therapy			Percent on Drug Therapy		
	All TB Programs		Selected 22 areas	All TB Programs		Selected 22 areas	All TB Programs		Selected 22 areas
	Total **	Excluding 22 areas		Total	Excluding 22 areas		Total	Excluding 22 areas	
June 1965	15,118	12,760	2,358	9,600	7,776	1,824	63.5	60.9	77.4
Dec. 1965	19,380	17,099	2,281	12,499	10,696	1,803	64.5	62.6	79.0
June 1966	21,776	19,449	2,327	13,323	11,420	1,903	61.2	58.7	81.8
Dec. 1966	29,317	27,050	2,267	16,269	14,383	1,886	55.5	53.2	83.2
June 1967	27,677	25,540	2,137	16,569	14,759	1,810	59.9	57.8	84.7
Dec. 1967	34,458	32,309	2,149	18,841	17,035	1,806	54.7	52.7	84.0
June 1968	32,259	29,994	2,265	19,463	17,548	1,915	60.3	58.5	84.5

*Six-month periods ending June 30 and December 31.

**Total number of active cases at home reported upon in expanding Special Tuberculosis Projects.

TABLE II.—Active at Home Cases—Bacteriology, 1965-1968—In 22 Selected Areas and Expanding Tuberculosis Programs

Reporting period *	Active Cases at home***			Bacteriological Exam. within six months			Percent with Bact. Exam.		
	All TB Programs		Selected 22 areas	All TB Programs		Selected 22 areas	All TB Programs		Selected 22 areas
	Total **	Excluding 22 areas		Total	Excluding 22 areas		Total	Excluding 22 areas	
June 1965	13,901	11,987	1,914	6,781	5,481	1,300	48.8	45.7	67.9
Dec. 1965	17,945	16,152	1,793	9,692	8,355	1,337	54.0	51.7	74.6
June 1966	19,616	17,825	1,791	10,008	8,672	1,336	51.0	48.7	74.6
Dec. 1966	24,488	22,690	1,798	12,223	10,820	1,403	49.9	47.7	78.0
June 1967	23,171	21,412	1,759	12,227	10,781	1,446	52.8	50.4	82.2
Dec. 1967	29,007	27,223	1,784	14,351	12,880	1,471	49.5	47.3	82.5
June 1968	27,678	25,737	1,941	15,542	13,956	1,586	56.2	54.2	81.7

*Six-month periods ending June 30 and December 31.

**Total number of active at home cases, eligible for a bacteriological examination, reported upon in expanding Special Tuberculosis Projects.

***Excluding primary and non-pulmonary cases for whom a bacteriological examination was not required according to attending private physicians.

APPENDIX TABLES

Detailed tables in the appendix are arranged according to the major report forms.

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TABLE 12.—Tuberculosis Program Reports (Reporting Areas, Type of Report, June 30, 1968)

Regional Areas	Code No.	Reports Received	Type of Report Received (a)			
			TB Register	Medical Supervision	Contacts	Suspects
REGION I						
Connecticut State	13996	4	2	1	1	..
Maine State	13992	4	1	1	1	1
Massachusetts State	13986	22	..	7	15	..
Massachusetts, Boston	13987	4	1	1	1	1
New Hampshire State	13991	4	1	1	1	1
Rhode Island State	13985	4	1	1	1	1
Vermont State	13990	4	1	1	1	1
Total Region I	(7)	46	7	13	21	5
REGION II						
Delaware State	23985	4	1	1	1	1
New Jersey State	23984	15	5	5	5	..
New York State	23993	30	8	8	8	6
New York, Erie Co.	23992	4	1	1	1	1
New York, New York	23991	32	10	10	10	2
Pennsylvania State	23995	24	6	6	6	6
Pennsylvania, Allegheny Co.	23996	4	1	1	1	1
Pennsylvania, Philadelphia	23994	41	11	10	10	10
Total Region II	(8)	154	43	42	42	27
REGION III						
District of Columbia, Washington	33982	4	1	1	1	1
Kentucky State	33989	4	1	1	1	1
Kentucky, Louisville-Jefferson Co.	33988	4	1	1	1	1
Maryland State	33993	37	11	11	11	4
Maryland, Baltimore	33990	4	1	1	1	1
North Carolina State	33985	140	35	35	35	35
Puerto Rico	33984	77	20	19	19	19
Virgin Islands (b)	33995	4	1	1	1	1
Virginia State	33992	104	26	26	26	26
Virginia, Norfolk	33987	4	1	1	1	1
Virginia, Richmond	33986	4	1	1	1	1
West Virginia State	33983	212	53	53	53	53
Total Region III	(12)	598	152	151	151	144
REGION IV						
Alabama State	43994	165	66	33	33	33
Alabama, Jefferson Co.	43986	4	1	1	1	1
Florida State	43987	104	31	31	31	11
Georgia State	43993	639	160	160	160	159
Georgia, Chatham Co. (c)	43972	4	1	1	1	1
Mississippi State	43985	40	10	10	10	10
South Carolina State	43984	185	47	46	46	46
Tennessee State	43988	168	42	42	42	42
Tennessee, Hamilton Co.	43992	4	1	1	1	1
Tennessee, Knox Co.	43989	4	1	1	1	1
Tennessee, Memphis-Shelby Co.	43991	4	1	1	1	1
Tennessee, Nashville-Davidson Co.	43990	4	1	1	1	1
Total Region IV	(12)	1,325	362	328	328	307
REGION V						
Illinois State	53993	245	112	71	62	..
Illinois, Chicago	53994	.. (d)	..	..	..	..
Indiana State	53996	5	2	2	1	..
Indiana, Marion Co.	53992	3	1	1	1	..
Michigan State	53991	196	49	49	49	49
Ohio State	53989	24	6	6	6	6
Wisconsin, Milwaukee	53990	4	1	1	1	1
Total Region V	(7)	477	171	130	120	56

TABLE 12.—Tuberculosis Program Reports (Reporting Areas, Type of Report, June 30, 1968)—
Continued

Regional Areas	Code No.	Reports Received	Type of Report Received (a)			
			TB Register	Medical Supervision	Contacts	Suspects
REGION VI						
Iowa State	63991	4	1(e)	1	1	1
Kansas State	63989	219	98	46	46	29
Minnesota State	63982	11	8	1	1	1
Minnesota, Minneapolis	63981	4	1	1	1	1
Minnesota, St. Paul	63988	4	1	1	1	1
Missouri State	63984	4	1	1	1	1
Missouri, Kansas City	63976	4	1	1	1	1
Missouri, St. Louis (city)	63990	4	1	1	1	1
Missouri, St. Louis (Co.)	63983	4	1	1	1	1
Nebraska State	63987	16	4	4	4	4
North Dakota State	63986	4	1	1	1	1
South Dakota State	63985	104	60	22	22	..
Total Region VI	(12)	382	178	81	81	42
REGION VII						
Arkansas State	73990	275	77	63	63	72
Louisiana State	73989	36	9	9	9	9
New Mexico State	73988	29	8	8	8	5
Oklahoma State	73995	48	12	12	12	12
Texas State	73993	95	24	24	24	23
Texas, Houston	73987	4	1	1	1	1
Texas, San Antonio	73994	8	2	2	2	2
Total Region VII	(7)	495	133	119	119	124
REGION VIII						
Colorado State	83993	24	6	6	6	6
Colorado, Denver	83988	4	1	1	1	1
Idaho State	83992	4	1	1	1	1
Montana State	83987	39	10	10	10	9
Utah State	83986	48	22	8	8	10
Total Region VIII	(5)	119	40	26	26	27
REGION IX						
Alaska State	93987	7	4	1	1	1
Arizona State	93986	49	13	12	12	12
Arizona, Maricopa Co.	93985	4	1	1	1	1
Arizona, Pima Co.	93984	4	1	1	1	1
California State	93993	150	52	27	28	43
California, San Francisco	93982	4	1	1	1	1
Guam	93974	3	1	1	..	1
Hawaii State	93983	10	3	3	3	1
Nevada State	93994	64	16	16	16	16
Nevada, Clark Co.	93995	4	1	1	1	1
Oregon State	93981	81	36	17	17	11
Oregon, Portland	93992	4	1	1	1	1
Washington State	93980	20	5	5	5	5
Total Region IX	(13)	404	135	87	87	95
U.S. Total	(83)	4,000	1,221	977	975	827

(a) A total of 4,000 statistical reports were received for June 30, 1968 compared with 3,633 reports for December 1967. (b) The Virgin Islands information on register, medical supervision and contacts is the second set of data received. The first reports were not included in the previous summary as they arrived too late for publication. (c) Chatham County, Georgia terminated as a separate project on June 30, 1968, to combine with Georgia State effective July 1, 1968. (d) Chicago, Illinois submits a narrative report.

TABLE 13.—Cases on Tuberculosis Registers (81 Programs Submitting Data, June 30, 1968)

Region, Program Area	Cases on Registers, June 30, 1968				Total Cases on Register
	Hospitalized		At Home Cases		
	For TB	Other Reasons	Active Cases	Other Than Act.	
REGION I					
Connecticut State	455	300	239	9,108	10,102
Maine State	51	59	153	569	832
Massachusetts State .....	..	..	..	..	..
Massachusetts, Boston	143	131	120	1,618	2,012
New Hampshire State	38	24	35	386	483
Rhode Island State	128	73	39	1,250	1,490
Vermont State	37	20	50	602	709
Total Region I	852	607	636	13,533	15,628
REGION II					
Delaware State	77	7	25	554	663
New Jersey State	804	512	887	10,935	13,138
New York State	386	52	780	1,929	3,147
New York, Erie Co.	122	75	256	1,466	1,919
New York, New York	764	81	662	1,889	3,396
Pennsylvania State	600	184	1,074	4,821	6,679
Pennsylvania, Allegheny Co.	254	329	544	3,491	4,618
Pennsylvania, Philadelphia	595	60	663	1,206	2,524
Total Region II	3,602	1,300	4,891	26,291	36,084
REGION III					
District of Columbia, Washington	397	71	171	2,832	3,471
Kentucky State	413	189	1,274	10,413	12,289
Kentucky, Louisville-Jefferson Co.	114	24	168	1,174	1,480
Maryland State	222	34	116	2,763	3,135
Maryland, Baltimore	289	106	445	4,700	5,540
North Carolina State	518	119	209	7,236	8,082
Puerto Rico	1,052	45	2,914	19,799	23,810
Virgin Islands	10	0	0	38	48
Virginia State	152	8	389	1,274	1,823
Virginia, Norfolk	49	4	157	346	556
Virginia, Richmond	49	7	55	465	576
West Virginia State	351	162	221	2,165	2,899
Total Region III	3,616	769	6,119	52,205	63,709
REGION IV					
Alabama State	859	68	710	5,374	7,011
Alabama, Jefferson Co.	202	14	408	1,226	1,850
Florida State	804	18	1,077	5,866	7,765
Georgia State	480	204	925	5,548	7,157
Georgia, Chatham Co.	30	3	71	390	494
Mississippi State	314	81	785	2,416	3,596
South Carolina State	416	58	566	2,777	3,817
Tennessee State	129	61	211	8,063	8,464
Tennessee, Hamilton Co.	51	8	105	1,629	1,793
Tennessee, Knox Co.	53	43	58	694	848
Tennessee, Memphis-Shelby Co.	117	17	80	1,020	1,234
Tennessee, Nashville-Davidson Co.	65	44	192	896	1,197
Total Region IV	3,520	619	5,188	35,899	45,226
REGION V					
Illinois State	1,675	25	6,923	6,053	14,676
Illinois, Chicago .....	..	..	..	..	..
Indiana State	70	25	177	1,484	1,756
Indiana, Marion Co.	109	70	232	2,065	2,476
Michigan State	1,366	148	749	8,156	10,419
Ohio State	548	292	393	9,387	10,620
Wisconsin, Milwaukee	65	12	9	403	489
Total Region V	3,833	572	8,483	27,548	40,436

TABLE 13.—Cases on Tuberculosis Registers (81 Programs Submitting Data, June 30, 1968)—Continued

Region, Program Area	Cases on Registers, June 30, 1968				
	Hospitalized		At Home Cases		Total Cases on Register
	For TB	Other Reasons	Active Cases	Other Than Act.	
REGION VI					
Iowa State	122	115	31	690	958
Kansas State	84	27	254	589	954
Minnesota State	83	12	139	600	834
Minnesota, Minneapolis	35	0	78	429	542
Minnesota, St. Paul	26	2	69	415	512
Missouri State	335	114	279	2,302	3,030
Missouri, Kansas City	56	13	186	695	950
Missouri, St. Louis (city)	134	11	111	565	821
Missouri, St. Louis (Co.)	45	2	75	554	676
Nebraska State	81	25	52	445	603
North Dakota State	23	20	39	456	538
South Dakota State	58	10	167	512	747
Total Region VI	1,082	351	1,480	8,252	11,165
REGION VII					
Arkansas State	221	7	709	3,676	4,613
Louisiana State	186	15	185	1,535	1,921
New Mexico State	48	2	103	954	1,107
Oklahoma State	126	38	135	1,006	1,305
Texas State	426	16	625	3,398	4,465
Texas, Houston	359	15	221	1,682	2,277
Texas, San Antonio	293	16	163	2,089	2,561
Total Region VII	1,659	109	2,141	14,340	18,249
REGION VIII					
Colorado State	27	22	93	874	1,016
Colorado, Denver	37	1	78	897	1,013
Idaho State	37	92	9	1,024	1,162
Montana State	91	5	37	400	533
Utah State	25	1	26	365	417
Total Region VIII	217	121	243	3,560	4,141
REGION IX					
Alaska State	72	5	103	1,508	1,688
Arizona State	147	0	203	1,181	1,531
Arizona, Maricopa Co.	152	0	131	1,553	1,836
Arizona, Pima Co.	91	0	152	447	690
California State	1,444	81	1,392	14,322	17,239
California, San Francisco	207	82	112	2,040	2,441
Guam	42	0	143	801	986
Hawaii State	69	0	226	1,682	1,977
Nevada State	16	7	104	741	868
Nevada, Clark Co.	15	2	13	760	790
Oregon State	56	0	244	969	1,269
Oregon, Portland	50	7	68	578	703
Washington State	284	103	187	8,240	8,814
Total Region IX	2,645	287	3,078	34,822	40,832
U.S. Total	21,026	4,735	32,259	217,450	275,470

TABLE 14.—Type of Care—Active Cases and Other Than Active Tuberculosis Cases (81 Tuberculosis Programs, June 30, 1968)

Region	Active Cases					Other Than Active				
	Hospitalized for TB		At Home		Total Active	In Institutions		At Home		Total Other Than Active
	Cases	Percent	Cases	Percent		Cases	Percent	Cases	Percent	
1	852	57.3	636	42.7	1,488	607	4.3	13,533	95.7	14,140
2	3,602	42.4	4,891	57.6	8,493	1,300	4.7	26,291	95.3	27,591
3	3,616	37.1	6,119	62.9	9,735	769	1.4	53,205	98.6	53,974
4	3,520	40.4	5,188	59.6	8,708	619	1.7	35,899	98.3	36,518
5	3,833	31.1	8,483	68.9	12,316	572	2.0	27,548	98.0	28,120
6	1,082	42.2	1,480	57.8	2,562	351	4.1	8,252	95.9	8,603
7	1,659	43.7	2,141	56.3	3,800	109	0.8	14,340	99.2	14,449
8	217	47.2	243	52.8	460	121	3.3	3,560	96.7	3,681
9	2,645	46.2	3,078	53.8	5,723	287	0.8	34,822	99.2	35,109
Total	21,026	39.5	32,259	60.5	53,285	4,735	2.1	217,450	97.9	222,185

NOTE: Cases with "other than active" disease include persons with disease activity undetermined or not stated at the time of report, and cases identified as quiescent and inactive.

TABLE 15.—Type of Care—Hospitalized and Non-Hospitalized Cases (81 Tuberculosis Programs, June 30, 1968)

Region	Hospitalized for Tuberculosis		In Institutions for Other Reasons		At Home		Total Cases on Registers
	Cases	Percent	Cases	Percent	Cases	Percent	
1	852	5.4	607	3.9	14,169	90.7	15,628
2	3,602	10.0	1,300	3.6	31,182	86.4	36,084
3	3,616	5.7	769	1.2	59,324	93.1	63,709
4	3,520	7.8	619	1.4	41,087	90.8	45,226
5	3,833	9.5	572	1.4	36,031	89.1	40,436
6	1,082	9.7	351	3.1	9,732	87.2	11,165
7	1,659	9.1	109	0.6	16,481	90.3	18,249
8	217	5.3	121	2.9	3,803	91.8	4,141
9	2,645	6.5	287	0.7	37,900	92.8	40,832
Total	21,026	7.6	4,735	1.7	249,709	90.7	275,470

TABLE 16.—Cases on Tuberculosis Registers (By Region)

Region	Reporting Programs	Total Cases in Current File	Hospitalized for Tuberculosis	Other Institutions*	At Home	
					Total	Active Cases
1	6	15,628	852	607	14,169	636
2	8	36,084	3,602	1,300	31,182	4,891
3	12	63,709	3,616	769	59,324	6,119
4	12	45,226	3,520	619	41,087	5,188
5	6	40,436	3,833	572	36,031	8,483
6	12	11,165	1,082	351	9,732	1,480
7	7	18,249	1,659	109	16,481	2,141
8	5	4,141	217	121	3,803	243
9	13	40,832	2,645	287	37,900	3,078
Total	81	275,470	21,026	4,735	249,709	32,259

*In an institution for reasons other than tuberculosis. Included are tuberculosis patients who have other than active disease and who are in any institution (penal, mental or chronic disease care) primarily for a reason other than treatment for tuberculosis.

TABLE 17.—Total and Active Cases, Tuberculosis Registers

Region	June 30, 1966 (73 Prog.)	June 30, 1967 (78 Prog.)	June 30, 1968 (81 Prog.)	June 30, 1966 (73 Prog.)	June 30, 1967 (78 Prog.)	June 30, 1968 (81 Prog.)
	Cases in Current File (Active and Other)			Total ACTIVE TB CASES		
1	5,874	5,774	15,628	916	904	1,488
2	33,294	26,320	36,084	8,222	7,032	8,493
3	38,432	58,662	63,709	8,471	12,940	9,735
4	41,208	43,336	45,226	8,763	8,651	8,708
5	20,912	23,337	40,436	3,623	5,011	12,316
6	11,203	11,034	11,165	3,591	3,611	2,562
7	10,402	12,336	18,249	2,704	2,841	3,800
8	1,197	2,978	4,141	202	317	460
9	24,192	28,841	40,832	4,365	4,942	5,723
Total	186,714	212,618	275,470	40,857	46,249	53,285
	HOSPITALIZED for TB			ACTIVE Cases "AT HOME"		
1	526	507	852	390	397	636
2	4,685	3,116	3,602	3,527	3,916	4,891
3	2,887	3,633	3,616	5,584	9,307	6,119
4	3,393	3,570	3,520	5,370	5,081	5,188
5	2,571	2,452	3,833	1,052	2,559	8,483
6	1,276	1,267	1,082	2,315	2,344	1,480
7	1,414	1,472	1,659	1,290	1,369	2,141
8	98	147	217	104	170	243
9	2,231	2,408	2,645	2,134	2,534	3,078
Total	19,081	18,572	21,026	21,776	27,677	32,259

TABLE 18.—Type of Case Management for Tuberculosis Registers, 1966-1968

Region	Hospitalized for Tuberculosis		In Institutions for Tuberculosis		Total Active TB Cases	
	Number	Percent	Number	Percent	Number	Percent
1	852	5.4	852	5.4	15,628	10.0
2	3,602	10.0	3,602	10.0	36,084	10.0
3	3,616	5.7	3,616	5.7	63,709	10.0
4	3,520	7.8	3,520	7.8	45,226	10.0
5	3,833	9.5	3,833	9.5	40,436	10.0
6	1,082	9.7	1,082	9.7	11,165	10.0
7	1,659	9.1	1,659	9.1	18,249	10.0
8	217	5.2	217	5.2	4,141	10.0
9	2,645	6.5	2,645	6.5	40,832	10.0
Total	21,026	7.6	21,026	7.6	275,470	10.0

TABLE 18.—At Home Cases with Drugs Currently Prescribed by Activity Status (By Region)

Region	Type of Case (Activity Status)*								Total Cases (at Home) Drug Therapy Prescribed**	
	Active		Activity Undetermined or Not Stated		Quiescent		Inactive			
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
1	366	57.5	103	28.6	501	62.9	5,201	42.0	6,171	43.6
2	3,887	79.5	301	44.9	1,265	76.3	10,489	43.8	15,942	51.1
3	4,092	66.9	347	21.0	1,996	65.0	9,766	20.0	16,201	27.3
4	4,096	79.0	516	31.3	1,499	57.6	9,329	29.5	15,440	37.6
5	1,928	22.7	147	5.1	1,250	53.3	6,860	30.7	10,185	28.3
6	1,051	71.0	121	17.8	536	62.5	2,790	41.6	4,498	46.2
7	1,530	71.5	229	30.2	1,193	74.0	4,938	41.3	7,890	47.9
8	211	86.8	2	22.2	73	51.0	806	23.7	1,092	28.7
9	2,302	74.8	174	25.4	885	72.0	11,037	33.5	14,398	38.0
Total	19,463	60.3	1,940	20.7	9,198	64.2	61,216	31.6	91,817	36.8

*Percentages in table relate to the number of persons under care at home with drugs currently prescribed for each "activity group."

**"Currently prescribed" means that the "at home" case had been reviewed by a physician, and evaluation made and drugs prescribed and issued within the past 6 months. Therefore, patients with current drug prescription must have had an X-ray and/or medical evaluation within the preceding six months.

TABLE 19.—At Home Cases with Drugs Currently Prescribed by Activity Status (81 Tuberculosis Programs, June 30, 1968)

Region, Program Area	Type of Case (Activity Status)*								Total Cases (at Home) Drug Therapy Prescribed**	
	Active		Activity Undetermined Or Not Stated		Quiescent		Inactive		Cases	Per- cent
	Cases	Per- cent	Cases	Per- cent	Cases	Per- cent	Cases	Per- cent		
REGION I										
Connecticut State	89	37.2	85	30.1	385	63.1	4,174	50.8	4,733	50.6
Maine State	110	71.9	3	50.0	2	28.6	242	43.5	357	49.4
Massachusetts State .....	..	..	..	..	..	..	..	..	..	..
Massachusetts, Boston	77	64.2	6	28.6	69	69.7	303	20.2	455	26.2
New Hampshire State	23	65.7	2	66.7	12	80.0	87	23.6	124	29.5
Rhode Island State	34	87.2	2	22.2	12	41.4	321	26.5	369	28.6
Vermont State	33	66.0	5	12.8	21	56.8	74	14.1	133	20.4
Total Region I	366	57.5	103	28.6	501	62.9	5,201	42.0	6,171	43.6
REGION II										
Delaware State	22	88.0	2	50.0	59	46.1	122	28.9	205	35.4
New Jersey State	613	69.1	224	45.4	384	79.2	3,458	34.7	4,679	39.6
New York State	631	80.9	28	52.8	153	63.2	763	46.7	1,575	58.1
New York, Erie Co.	240	93.8	4	30.8	41	66.1	522	37.5	807	46.9
New York, New York	594	89.7	30	87.0	187	92.1	1,498	90.0	2,299	90.1
Pennsylvania State	912	84.9	0	0.0	318	77.8	2,212	50.2	3,442	58.4
Pennsylvania, Allegheny Co.	426	78.3	23	28.0	123	96.1	1,148	35.0	1,720	42.6
Pennsylvania, Philadelphia	449	67.7	0	0.0	0	0.0	766	63.6	1,215	65.0
Total Region II	3,887	79.5	301	44.9	1,265	76.3	10,489	43.8	15,942	51.1
REGION III										
District of Columbia, Washington .	144	84.2	112	78.9	489	83.6	960	45.6	1,705	56.8
Kentucky State	718	56.4	72	12.9	351	47.2	1,108	12.2	2,249	19.2
Kentucky, Louisville-Jefferson Co.	144	85.7	4	57.1	32	88.9	271	24.0	451	33.6
Maryland State	57	49.1	115	15.8	87	39.7	603	33.2	862	29.9
Maryland, Baltimore	401	90.1	0	0.0	392	84.8	1,883	44.4	2,676	52.0
North Carolina State	191	91.4	8	47.1	230	81.9	2,187	31.5	2,616	35.1
Puerto Rico	1,809	62.1	14	16.3	331	53.2	1,177	6.2	3,331	14.7
Virgin Islands	0	0.0	0	0.0	1	50.0	18	52.9	19	50.0
Virginia State	329	84.6	8	57.1	3	100.0	508	40.4	848	51.0
Virginia, Norfolk	141	89.8	0	0.0	4	57.1	101	29.8	246	48.9
Virginia, Richmond	55	100.0	0	0.0	31	83.8	191	44.7	277	53.3
West Virginia State	103	46.6	14	14.1	45	59.2	759	38.1	921	38.6
Total Region III	4,092	66.9	347	21.0	1,996	65.0	9,766	20.1	16,201	27.3
REGION IV										
Alabama State	542	76.3	213	32.2	185	65.6	1,442	32.6	2,382	39.2
Alabama, Jefferson Co.	356	87.3	14	53.8	32	74.4	360	31.1	762	46.6
Florida State	872	81.0	17	65.4	692	64.6	2,292	48.1	3,873	55.8
Georgia State	601	65.0	51	20.9	396	47.4	1,097	24.6	2,145	33.1
Georgia, Chatham Co.	55	77.5	0	0.0	25	34.2	88	28.2	168	36.4
Mississippi State	688	87.6	89	25.7	86	67.2	972	50.1	1,835	57.3
South Carolina State	492	86.9	13	44.8	63	46.0	954	36.5	1,522	45.5
Tennessee State	178	84.4	31	15.8	12	50.0	879	11.2	1,100	13.3
Tennessee, Hamilton Co.	94	89.5	82	82.8	5	100.0	410	26.9	591	34.1
Tennessee, Knox Co.	56	96.6	2	25.0	3	60.0	83	12.2	144	19.1
Tennessee, Memphis-Shelby Co.	75	93.8	1	100.0	0	0.0	571	56.0	647	58.8
Tennessee, Nashville-Davidson Co..	87	45.3	3	50.0	0	0.0	181	20.3	271	24.9
Total Region IV	4,096	79.0	516	31.3	1,499	57.6	9,329	29.5	15,440	37.6
REGION V										
Illinois State	1,022	14.8	71	2.8	230	34.5	668	23.5	1,991	15.3
Illinois, Chicago .....	..	..	..	..	..	..	..	..	..	..
Indiana State	97	54.8	12	10.6	41	69.5	355	27.1	505	30.4
Indiana, Marion Co.	115	49.6	9	21.4	88	31.0	239	13.7	451	19.6
Michigan State	419	55.9	25	26.0	433	60.0	3,448	47.0	4,325	48.6
Ohio State	266	67.7	29	30.5	452	74.5	1,808	20.8	2,555	26.1
Wisconsin, Milwaukee	9	100.0	1	33.3	6	85.7	342	87.0	358	86.9
Total Region V	1,928	22.7	147	5.1	1,250	53.3	6,860	30.7	10,185	28.3

TABLE 19.—At Home Cases with Drugs Currently Prescribed by Activity Status (81 Tuberculosis Programs, June 30, 1968)—Continued

Region, Program Area	Type of Case (Activity Status)*								Total Cases (at Home) Drug Therapy Prescribed**	
	Active		Activity Undetermined Or Not Stated		Quiescent		Inactive		Cases	Per- cent
	Cases	Per- cent	Cases	Per- cent	Cases	Per- cent	Cases	Per- cent		
REGION VI										
Iowa State	25	80.6	8	21.6	83	66.4	306	58.0	422	58.5
Kansas State	190	74.8	4	20.0	104	74.3	215	50.1	513	60.9
Minnesota State	120	86.3	2	11.8	35	77.8	325	60.4	482	65.2
Minnesota, Minneapolis	66	84.6	6	54.5	44	69.8	127	35.8	243	47.9
Minnesota, St. Paul	61	88.4	11	29.7	12	66.7	114	31.7	198	40.9
Missouri State	145	52.0	38	8.5	127	43.1	439	28.2	749	29.0
Missouri, Kansas City	128	68.8	31	59.6	23	62.2	220	36.3	402	45.6
Missouri, St. Louis (city)	94	84.7	0	0.0	61	93.8	419	83.8	574	84.9
Missouri, St. Louis (Co.)	67	89.3	10	100.0	15	71.4	298	57.0	390	62.0
Nebraska State	43	82.7	3	37.5	4	66.7	120	27.8	170	35.5
North Dakota State	33	84.6	0	0.0	11	64.7	91	20.7	135	27.3
South Dakota State	79	47.3	8	20.0	17	65.4	116	26.0	220	38.0
Total Region VI	1,051	71.0	121	17.8	536	62.5	2,790	41.6	4,498	46.2
REGION VII										
Arkansas State	370	52.2	85	28.3	113	39.4	635	20.6	1,203	27.4
Louisiana State	151	81.6	14	41.2	93	73.2	746	54.3	1,004	58.4
New Mexico State	56	54.4	9	50.0	41	64.1	319	36.6	425	40.2
Oklahoma State	123	91.1	11	57.9	45	75.0	419	45.2	598	52.4
Texas State	468	74.9	62	18.5	278	67.8	781	29.4	1,589	39.5
Texas, Houston	207	93.7	19	90.5	194	89.0	795	55.1	1,215	63.8
Texas, San Antonio	155	95.1	29	90.6	429	96.0	1,243	77.2	1,856	82.4
Total Region VIII	1,530	71.5	229	30.2	1,193	74.0	4,938	41.3	7,890	47.9
REGION VIII										
Colorado State	72	77.4	0	0.0	21	58.3	236	28.3	329	34.0
Colorado, Denver	78	100.0	0	0.0	8	61.5	184	20.8	270	27.7
Idaho State	8	88.9	0	0.0	25	34.2	105	11.1	138	13.4
Montana State	28	75.7	0	0.0	5	100.0	85	21.5	118	27.0
Utah State	25	96.2	2	50.0	14	87.5	196	56.8	237	60.6
Total Region VIII	211	86.8	2	22.2	73	51.0	806	23.7	1,092	28.7
REGION IX										
Alaska State	80	77.7	31	41.3	11	57.9	396	28.0	518	32.2
Arizona State	123	60.6	6	9.5	37	59.7	350	33.1	516	37.3
Arizona, Maricopa Co.	74	56.5	21	36.2	86	81.1	648	46.7	829	49.2
Arizona, Pima Co.	93	61.2	12	48.0	33	78.6	179	47.1	317	52.9
California State	1,050	75.4	53	20.2	436	72.3	5,251	39.0	6,790	43.2
California, San Francisco	108	96.4	1	100.0	47	88.7	953	48.0	1,109	51.5
Guam	135	94.4	15	20.0	42	87.5	165	24.3	357	37.8
Hawaii State	203	89.8	8	42.1	31	50.0	484	30.2	726	38.1
Nevada State	90	86.5	0	0.0	4	36.4	90	12.3	184	21.8
Nevada, Clark Co.	13	100.0	5	13.9	5	45.5	86	12.1	109	14.1
Oregon State	116	47.5	3	13.0	21	55.3	335	36.9	475	39.2
Oregon, Portland	62	91.2	4	44.4	10	76.9	334	60.1	410	63.5
Washington State	155	82.9	15	39.5	122	75.3	1,766	22.0	2,058	24.4
Total Region IX	2,302	74.8	174	25.4	885	72.0	11,037	33.5	14,398	38.0
U. S. Total	19,463	60.3	1,940	20.7	9,198	64.2	61,216	31.6	91,817	36.8

*Percentages in table relate to the number of persons under care at home with drugs currently prescribed for each "activity group."

**"Currently prescribed" means that the "at home" case has been reviewed by a physician, an evaluation made and drugs were prescribed and issued within the past 6 months. Therefore, patients with current drug prescription must have had an X-ray and/or medical evaluation within the preceding six months.

TABLE 20.—Recency of X-ray and/or Medical Examination—Active Cases at Home (81 Tuberculosis Programs, June 30, 1968)

Region, Program Area	LAST EVALUATION						Total Active Cases "At Home" June 30, 1968
	Past 6 Months		7 thru 12 Months Ago		More than 12 Months Ago		
	Cases	Percent	Cases	Percent	Cases	Percent	
REGION I							
Connecticut State	89	37.2	58	24.3	92	38.5	239
Maine State	122	79.8	21	13.7	10	6.5	153
Massachusetts State .....	..	..	..	..	..	..	..
Massachusetts, Boston	101	84.2	13	10.8	6	5.0	120
New Hampshire State	23	65.7	9	25.7	3	8.6	35
Rhode Island State	34	87.2	2	5.1	3	7.7	39
Vermont State	36	72.0	3	6.0	11	22.0	50
Total Region I	405	63.7	106	16.7	125	19.6	636
REGION II							
Delaware State	22	88.0	2	8.0	1	4.0	25
New Jersey State	615	69.3	35	4.0	237	26.7	887
New York State	653	83.7	59	7.6	68	8.7	780
New York, Erie Co.	243	94.9	6	2.4	7	2.7	256
New York, New York	607	91.7	43	6.5	12	1.8	662
Pennsylvania State	957	89.1	31	2.9	86	8.0	1,074
Pennsylvania, Allegheny Co.	426	78.3	44	8.1	74	13.6	544
Pennsylvania, Philadelphia	449	67.7	108	16.3	106	16.0	663
Total Region II	3,972	81.2	328	6.7	591	12.1	4,891
REGION III							
District of Columbia, Washington ...	151	88.3	14	8.2	6	3.5	171
Kentucky State	792	62.2	123	9.6	359	28.2	1,274
Kentucky, Louisville-Jefferson Co. .	144	85.7	20	11.9	4	2.4	168
Maryland State	70	60.4	18	15.5	28	24.1	116
Maryland, Baltimore	409	91.9	21	4.7	15	3.4	445
North Carolina State	195	93.3	7	3.4	7	3.3	209
Puerto Rico	1,815	62.3	447	15.3	652	22.4	2,914
Virgin Islands	0	0.0	0	0.0	0	0.0	0
Virginia State	340	87.4	27	6.9	22	5.7	389
Virginia, Norfolk	143	91.1	8	5.1	6	3.8	157
Virginia, Richmond	55	100.0	0	0.0	0	0.0	55
West Virginia State	139	62.9	16	7.2	66	29.9	221
Total Region III	4,253	69.5	701	11.5	1,165	19.0	6,119
REGION IV							
Alabama State	565	79.6	52	7.3	93	13.1	710
Alabama, Jefferson Co.	358	87.8	27	6.6	23	5.6	408
Florida State	945	87.7	89	8.3	43	4.0	1,077
Georgia State	651	70.4	82	8.9	192	20.7	925
Georgia, Chatham Co.	62	87.3	3	4.2	6	8.5	71
Mississippi State	696	88.7	52	6.6	37	4.7	785
South Carolina State	513	90.6	31	5.5	22	3.9	566
Tennessee State	182	86.3	18	8.5	11	5.2	211
Tennessee, Hamilton Co.	94	89.5	8	7.6	3	2.9	105
Tennessee, Knox Co.	57	98.3	1	1.7	0	0.0	58
Tennessee, Memphis-Shelby Co.	80	100.0	0	0.0	0	0.0	80
Tennessee, Nashville-Davidson Co. .	109	56.8	36	18.7	47	24.5	192
Total Region IV	4,312	83.1	399	7.7	477	9.2	5,188
REGION V							
Illinois State	2,102	30.4	2,709	39.1	2,112	30.5	6,923
Illinois, Chicago .....	..	..	..	..	..	..	..
Indiana State	101	57.1	5	2.8	71	40.1	177
Indiana, Marion Co.	143	61.6	38	16.4	51	22.0	232
Michigan State	567	75.7	114	15.2	68	9.1	749
Ohio State	294	74.8	47	12.0	52	13.2	393
Wisconsin, Milwaukee	9	100.0	0	0.0	0	0.0	9
Total Region V	3,216	37.9	2,913	34.3	2,354	27.8	8,483

TABLE 20.—Recency of X-ray and/or Medical Examination—Active Cases at Home (81 Tuberculosis Programs, June 30, 1968)—Continued

Region, Program Area	LAST EVALUATION						Total Active Cases "At Home" June 30, 1968
	Past 6 Months		7 thru 12 Months Ago		More than 12 Months Ago		
	Cases	Percent	Cases	Percent	Cases	Percent	
REGION VI							
Iowa State	30	96.8	0	0.0	1	3.2	31
Kansas State	202	79.5	33	13.0	19	7.5	254
Minnesota State	137	98.6	2	1.4	0	0.0	139
Minnesota, Minneapolis	75	96.2	2	2.5	1	1.3	78
Minnesota, St. Paul	59	85.5	6	8.7	4	5.8	69
Missouri State	158	56.7	52	18.6	69	24.7	279
Missouri, Kansas City	128	68.8	25	13.5	33	17.7	186
Missouri, St. Louis (city)	94	84.7	15	13.5	2	1.8	111
Missouri, St. Louis (Co.)	67	89.3	6	8.0	2	2.7	75
Nebraska State	45	86.5	3	5.8	4	7.7	52
North Dakota State	33	84.6	5	12.8	1	2.6	39
South Dakota State	97	58.1	28	16.8	42	25.1	167
Total Region VI	1,125	76.0	177	12.0	178	12.0	1,480
REGION VII							
Arkansas State	416	58.7	73	10.3	220	31.0	709
Louisiana State	166	89.7	14	7.6	5	2.7	185
New Mexico State	56	54.4	25	24.3	22	21.3	103
Oklahoma State	128	94.8	4	3.0	3	2.2	135
Texas State	518	82.9	48	7.7	59	9.4	625
Texas, Houston	207	93.7	8	3.6	6	2.7	221
Texas, San Antonio	156	95.7	3	1.8	4	2.5	163
Total Region VII	1,647	76.9	175	8.2	319	14.9	2,141
REGION VIII							
Colorado State	77	82.8	11	11.8	5	5.4	93
Colorado, Denver	78	100.0	0	0.0	0	0.0	78
Idaho State	9	100.0	0	0.0	0	0.0	9
Montana State	29	78.4	6	16.2	2	5.4	37
Utah State	25	96.2	0	0.0	1	3.8	26
Total Region VIII	218	89.7	17	7.0	8	3.3	243
REGION IX							
Alaska State	80	77.7	14	13.6	9	8.7	103
Arizona State	131	64.5	21	10.4	51	25.1	203
Arizona, Maricopa Co.	74	56.5	52	39.7	5	3.8	131
Arizona, Pima Co.	108	71.0	29	19.1	15	9.9	152
California State	1,238	88.9	115	8.3	39	2.8	1,392
California, San Francisco	112	100.0	0	0.0	0	0.0	112
Guam	135	94.4	8	5.6	0	0.0	143
Hawaii State	204	90.3	10	4.4	12	5.3	226
Nevada State	91	87.5	5	4.8	8	7.7	104
Nevada, Clark Co.	13	100.0	0	0.0	0	0.0	13
Oregon State	132	54.1	27	11.1	85	34.8	244
Oregon, Portland	65	95.6	3	4.4	0	0.0	68
Washington State	155	82.9	15	8.0	17	9.1	187
Total Region IX	2,538	82.5	299	9.7	241	7.8	3,078
U. S. Total	21,686	67.2	5,115	15.9	5,458	16.9	32,259

TABLE 21.—Bacteriological Status of Active Tuberculosis Cases at Home (For 81 Programs Submitting Data, June 30, 1968)

Region, Program Area	Active TB Cases At Home (a)	Bacteriological Examination for TB (Completed within last six months)(b)					
		Total		Positive(c)		Negative(c)	
		Cases	Percent	Cases	Percent	Cases	Percent
REGION I							
Connecticut State	219	204	93.2	60	29.4	144	70.6
Maine State	123	83	67.5	25	30.1	58	69.9
Massachusetts State .....	..	..	..	..	..	..	..
Massachusetts, Boston	102	64	62.7	19	29.7	45	70.3
New Hampshire State	34	25	73.5	16	64.0	9	36.0
Rhode Island State	34	31	91.2	23	74.2	8	25.8
Vermont State	41	25	61.0	5	20.0	20	80.0
Total Region I	553	432	78.1	148	34.3	284	65.7
REGION II							
Delaware State	20	17	85.0	1	5.9	16	94.1
New Jersey State	699	431	61.6	119	27.6	312	72.4
New York State	679	513	75.6	110	21.4	403	78.6
New York, Erie Co.	225	154	68.4	35	22.7	119	77.3
New York, New York	513	411	80.1	202	49.1	209	50.9
Pennsylvania State	958	694	72.4	234	33.7	460	66.3
Pennsylvania, Allegheny Co.	413	319	77.2	142	44.5	177	55.5
Pennsylvania, Philadelphia	568	376	66.2	148	39.4	228	60.6
Total Region II	4,075	2,915	71.5	991	34.0	1,924	66.0
REGION III							
District of Columbia, Washington	151	119	78.8	20	16.8	99	83.2
Kentucky State	1,274	541	42.5	77	14.2	464	85.8
Kentucky, Louisville-Jefferson Co. ..	166	132	79.5	24	18.2	108	81.8
Maryland State	107	56	52.3	34	60.7	22	39.3
Maryland, Baltimore	344	275	79.9	25	9.1	250	90.9
North Carolina State	164	147	89.6	16	10.9	131	89.1
Puerto Rico	2,413	683	28.3	121	17.7	562	82.3
Virgin Islands	0	0	0.0	0	0.0	0	0.0
Virginia State	282	221	78.4	18	8.1	203	91.9
Virginia, Norfolk	116	100	86.2	14	14.0	86	86.0
Virginia, Richmond	34	34	100.0	5	14.7	29	85.3
West Virginia State	202	115	56.9	44	38.3	71	61.7
Total Region III	5,253	2,423	46.1	398	16.4	2,025	83.6
REGION IV							
Alabama State	626	455	72.7	138	30.3	317	69.7
Alabama, Jefferson Co.	367	334	91.0	43	12.9	291	87.1
Florida State	894	791	88.5	146	18.5	645	81.5
Georgia State	804	560	69.7	21	3.8	539	96.2
Georgia, Chatham Co.	56	47	83.9	1	2.1	46	97.9
Mississippi State	710	639	90.0	113	17.7	526	82.3
South Carolina State	395	338	85.6	48	14.2	290	85.8
Tennessee State	189	158	83.6	54	34.2	104	65.8
Tennessee, Hamilton Co.	77	66	85.7	11	16.7	55	83.3
Tennessee, Knox Co.	55	48	87.3	19	39.6	29	60.4
Tennessee, Memphis-Shelby Co.	71	67	94.4	14	20.9	53	79.1
Tennessee, Nashville-Davidson Co.	141	64	45.4	22	34.4	42	65.6
Total Region IV	4,385	3,567	81.3	630	17.7	2,937	82.3
REGION V							
Illinois State	6,415	988	15.4	274	27.7	714	72.3
Illinois, Chicago .....	..	..	..	..	..	..	..
Indiana State	155	74	47.7	20	27.0	54	73.0
Indiana, Marion Co.	158	60	38.0	23	38.3	37	61.7
Michigan State	637	452	71.0	56	12.4	396	87.6
Ohio State	302	192	63.6	55	28.6	137	71.4
Wisconsin, Milwaukee	9	9	100.0	6	66.7	3	33.3
Total Region V	7,676	1,775	23.1	434	24.5	1,341	75.5

TABLE 21.—Bacteriological Status of Active Tuberculosis Cases at Home (For 81 Programs Submitting Data, June 30, 1968)—Continued

Region, Program Area	Active TB Cases At Home (a)	Bacteriological Examination for TB (Completed within last six months)(b)					
		Total		Positive(c)		Negative(c)	
		Cases	Percent	Cases	Percent	Cases	Percent
REGION VI							
Iowa State	28	26	92.9	14	53.8	12	46.2
Kansas State	239	182	76.2	32	17.6	150	82.4
Minnesota State	139	122	87.8	42	34.4	80	65.6
Minnesota, Minneapolis	76	52	68.4	21	40.4	31	59.6
Minnesota, St. Paul	65	53	81.5	3	5.7	50	94.3
Missouri State	240	127	52.9	31	24.4	96	75.6
Missouri, Kansas City	149	105	70.5	8	7.6	97	92.4
Missouri, St. Louis (city)	84	68	81.0	23	33.8	45	66.2
Missouri, St. Louis (Co.)	41	36	87.8	9	25.0	27	75.0
Nebraska State	46	41	89.1	10	24.4	31	75.6
North Dakota State	37	34	91.9	0	0.0	34	100.0
South Dakota State	144	77	53.5	19	24.7	58	75.3
Total Region VI	1,288	923	71.7	212	23.0	711	77.0
REGION VII							
Arkansas State	579	261	45.1	77	29.5	184	70.5
Louisiana State	118	105	89.0	20	19.0	85	81.0
New Mexico State	70	43	61.4	14	32.6	29	67.4
Oklahoma State	124	115	92.7	36	31.3	79	68.7
Texas State	449	357	79.5	37	10.4	320	89.6
Texas, Houston	185	167	90.3	21	12.6	146	87.4
Texas, San Antonio	126	115	91.3	23	20.0	92	80.0
Total Region VII	1,651	1,163	70.4	228	19.6	935	80.4
REGION VIII							
Colorado State	68	53	77.9	17	32.1	36	67.9
Colorado, Denver	67	66	98.5	6	9.1	60	90.9
Idaho State	9	9	100.0	0	0.0	9	100.0
Montana State	29	17	58.6	8	47.1	9	52.9
Utah State	24	23	95.8	10	43.5	13	56.5
Total Region VIII	197	168	85.3	41	24.4	127	75.6
REGION IX							
Alaska State	82	71	86.6	14	19.7	57	80.3
Arizona State	124	60	48.4	18	30.0	42	70.0
Arizona, Maricopa Co.	118	83	70.3	23	27.7	60	72.3
Arizona, Pima Co.	136	77	56.6	16	20.8	61	79.2
California State	1,281	1,157	90.3	244	21.1	913	78.9
California, San Francisco	99	99	100.0	35	35.4	64	64.6
Guam	130	122	93.8	34	27.9	88	72.1
Hawaii State	218	194	89.0	7	3.6	187	96.4
Nevada State	23	20	87.0	3	15.0	17	85.0
Nevada, Clark Co.	11	11	100.0	1	9.1	10	90.9
Oregon State	177	101	57.1	15	14.9	86	85.1
Oregon, Portland	64	57	89.1	4	7.0	53	93.0
Washington State	137	124	90.5	17	13.7	107	86.3
Total Region IX	2,600	2,176	83.7	431	19.8	1,745	80.2
U. S. Total	27,678	15,542	56.2	3,513	22.6	12,029	77.4

(a) Excludes 2,890 active primary cases and 1,691 active non-pulmonary cases for whom bacteriological studies were not indicated.

(b) Since January 1, 1968.

(c) Percents shown are for positive or negative of total cases for which an examination was completed within six months.

TABLE 22.—Recency of X-ray and/or Medical Examination—Active Cases at Home (By Region)

Region	LAST EVALUATION						Total Active Cases "At Home" June 30, 1968
	Past 6 Months		7 thru 12 Months Ago		More than 12 Months Ago		
	Cases	Percent	Cases	Percent	Cases	Percent	
1	405	63.7	106	16.7	125	19.6	636
2	3,972	81.2	328	6.7	591	12.1	4,891
3	4,253	69.5	701	11.5	1,165	19.0	6,119
4	4,312	83.1	399	7.7	477	9.2	5,188
5	3,216	37.9	2,913	34.3	2,354	27.8	8,483
6	1,125	76.0	177	12.0	178	12.0	1,480
7	1,647	76.9	175	8.2	319	14.9	2,141
8	218	89.7	17	7.0	8	3.3	243
9	2,538	82.5	299	9.7	241	7.8	3,078
ACTIVE Total	21,686	67.0	5,115	15.9	5,458	17.1	32,259
ACTIVITY UNDETERMINED (or not stated) Total	3,529	37.7	1,525	16.3	4,299	46.0	9,353
QUIESCENT Total	10,900	76.1	1,954	13.7	1,466	10.2	14,320
INACTIVE Total	118,508	61.2	37,953	19.6	37,316	19.2	193,777
ALL CASES Total	154,623	61.9	46,547	18.7	48,539	19.4	249,709

TABLE 23.—Current Bacteriological Status—Bacteriological Examination within Last Six Months, Pulmonary Tuberculosis Cases (By Region)

Region	June 30, 1966 (73 Programs)			June 30, 1967 (78 Programs)			June 30, 1968 (81 Programs)		
	Pulmonary Cases	Examinations		Pulmonary Cases	Examinations		Pulmonary Cases	Examinations	
		Cases	Percent		Cases	Percent		Cases	Percent
1	370	201	54.3	325	195	60.0	553	432	78.1
2	3,184	1,994	62.6	3,241	2,390	73.7	4,075	2,915	71.5
3	5,279	1,379	26.1	7,829	1,949	24.9	5,253	2,423	46.1
4	4,761	3,208	67.4	4,360	3,398	77.9	4,385	3,567	81.3
5	893	498	55.8	2,200	812	36.9	7,676	1,775	23.1
6	2,116	737	34.8	1,957	1,020	52.1	1,288	923	71.7
7	1,172	844	72.0	1,106	834	75.4	1,651	1,163	70.4
8	89	85	95.5	146	128	87.7	197	168	85.3
9	1,752	1,062	60.6	2,007	1,501	74.8	2,600	2,176	83.7
Total	19,616	10,008	51.0	23,171	12,227	52.8	27,678	15,542	56.2

TABLE 24.—Current Bacteriological Status (By Region)

Region	Total Active Cases at Home	Form of Disease			Bacteriological Examination for Pulmonary TB within last 6 months (a)	
		Primary	Non-Pulmonary	Pulmonary	Cases	Percent
1	636	39	44	553	432	78.1
2	4,891	431	385	4,075	2,915	71.5
3	6,119	598	268	5,253	2,423	46.1
4	5,188	598	205	4,385	3,567	81.3
5	8,483	370	437	7,676	1,775	23.1
6	1,480	144	48	1,288	923	71.7
7	2,141	386	104	1,651	1,163	70.4
8	243	21	25	197	168	85.3
9	3,078	303	175	2,600	2,176	83.7
Total	32,259	2,890	1,691	27,678	15,542	56.2

(a) From January 1 to June 30, 1968.

TABLE 25.—Bacteriological Status of Active Pulmonary Tuberculosis Cases at Home (By Region)

Region	Active Pulmonary TB Cases at Home (a)	Bacteriological Examination for TB (completed within last six months) (b)						
		Not Done (c) or Undetermined		Done within Six Months				
				Total Cases	Positive		Negative	
		Cases	Percent		Cases	Percent	Cases	Percent
1	553	121	21.9	432	148	34.3	284	65.7
2	4,075	1,160	28.5	2,915	991	34.0	1,924	66.0
3	5,253	2,830	53.9	2,423	398	16.4	2,025	83.6
4	4,385	818	18.7	3,567	630	17.7	2,937	82.3
5	7,676	5,901	76.9	1,775	434	24.5	1,341	75.5
6	1,288	365	28.3	923	212	23.0	711	77.0
7	1,651	488	29.6	1,163	228	19.6	935	80.4
8	197	29	14.7	168	41	24.4	127	75.6
9	2,600	424	16.3	2,176	431	19.8	1,745	80.2
Total	27,678	12,136	43.8	15,542	3,513	22.6	12,029	77.4

(a) Exclusive of 2,890 primary and 1,691 non-pulmonary cases with active disease on tuberculosis registers, with bacteriology not recommended.

(b) Since January 1, 1968.

(c) Percent of active pulmonary tuberculosis cases at home.

TABLE 26.—Medical Supervision of Newly Reported Active Tuberculosis Cases—Bacteriological Status, January 1 to June 30, 1968 (82 Programs Submitting Data)

Region, Program Area	New Active Cases					Bacteriological Status as Reported (b)			
	Total New Cases Reported During 6 Months	Bacteriology (a)				Positive		Negative	
		Reported Upon		Undeter- mined		Cases	Per- cent	Cases	Per- cent
		Cases	Per- cent	Cases	Per- cent				
REGION I									
Connecticut State	247	133	53.8	114	46.2	104	78.2	29	21.8
Maine State	61	51	83.6	10	16.4	45	88.2	6	11.8
Massachusetts State	468	401	85.7	67	14.3	311	77.6	90	22.4
Massachusetts, Boston	162	128	79.0	34	21.0	103	80.5	25	19.5
New Hampshire State	26	26	100.0	0	0.0	23	88.5	3	11.5
Rhode Island State	60	54	90.0	6	10.0	39	72.2	15	27.8
Vermont State	14	13	92.9	1	7.1	11	84.6	2	15.4
Total Region I	1,038	806	77.6	232	22.4	636	78.9	170	21.1
REGION II									
Delaware State	64	61	95.3	3	4.7	40	65.6	21	34.4
New Jersey State	773	630	81.5	143	18.5	390	61.9	240	38.1
New York State	314	247	78.7	67	21.3	166	67.2	81	32.8
New York, Erie Co.	152	102	67.1	50	32.9	71	69.6	31	30.4
New York, New York	624	456	73.1	168	26.9	332	72.8	124	27.2
Pennsylvania State	561	532	94.8	29	5.2	468	88.0	64	12.0
Pennsylvania, Allegheny Co.	197	159	80.7	38	19.3	107	67.3	52	32.7
Pennsylvania, Philadelphia	453	391	86.3	62	13.7	325	83.1	66	16.9
Total Region II	3,138	2,578	82.2	560	17.8	1,899	73.7	679	26.3
REGION III									
District of Columbia, Washington .	199	137	68.8	62	31.2	77	56.2	60	43.8
Kentucky State	356	268	75.3	88	24.7	183	68.3	85	31.7
Kentucky, Louisville-Jefferson Co.	102	96	94.1	6	5.9	79	82.3	17	17.7
Maryland State	171	146	85.4	25	14.6	98	67.1	48	32.9
Maryland, Baltimore	333	213	64.0	120	36.0	140	65.7	73	34.3
North Carolina State	411	356	86.6	55	13.4	244	68.5	112	31.5
Puerto Rico	469	154	32.8	315	67.2	35	22.7	119	77.3
Virgin Islands	16	15	93.8	1	6.2	15	100.0	0	0.0
Virginia State	160	105	65.6	55	34.4	77	73.3	28	26.7
Virginia, Norfolk	82	56	68.3	26	31.7	38	67.9	18	32.1
Virginia, Richmond	71	61	85.9	10	14.1	55	90.2	6	9.8
West Virginia State	220	184	83.6	36	16.4	133	72.3	51	27.7
Total Region III	2,590	1,791	69.2	799	30.8	1,174	65.5	617	34.5
REGION IV									
Alabama State	432	372	86.1	60	13.9	272	73.1	100	26.9
Alabama, Jefferson Co.	141	108	76.6	33	23.4	83	76.9	25	23.1
Florida State	848	667	78.7	181	21.3	556	83.4	111	16.6
Georgia State	522	421	80.7	101	19.3	358	85.0	63	15.0
Georgia, Chatham Co.	39	28	71.8	11	28.2	25	89.3	3	10.7
Mississippi State	311	255	82.0	56	18.0	210	82.4	45	17.6
South Carolina State	353	240	68.0	113	32.0	201	83.7	39	16.3
Tennessee State	126	109	86.5	17	13.5	75	68.8	34	31.2
Tennessee, Hamilton Co.	47	35	74.5	12	25.5	19	54.3	16	45.7
Tennessee, Knox Co.	23	20	87.0	3	13.0	16	80.0	4	20.0
Tennessee, Memphis-Shelby Co.	79	75	94.9	4	5.1	39	52.0	36	48.0
Tennessee, Nashville-Davidson Co..	65	18	27.7	47	72.3	18	100.0	0	0.0
Total Region IV	2,986	2,348	78.6	638	21.4	1,872	79.7	476	20.3
REGION V									
Illinois State	291	243	83.5	48	16.5	111	45.7	132	54.3
Illinois, Chicago .....	..	..	..	..	..	..	..	..	..
Indiana State	83	69	83.1	14	16.9	59	85.5	10	14.5
Indiana, Marion Co.	138	90	65.2	48	34.8	76	84.4	14	15.6
Michigan State	863	537	62.2	326	37.8	347	64.6	190	35.4
Ohio State	430	360	83.7	70	16.3	277	76.9	83	23.1
Wisconsin, Milwaukee	74	67	90.5	7	9.5	48	71.6	19	28.4
Total Region V	1,879	1,366	72.7	513	27.3	918	67.2	448	32.8

TABLE 26.—Medical Supervision of Newly Reported Active Tuberculosis Cases—Bacteriological Status, January 1 to June 30, 1968 (82 Programs Submitting Data)—Continued

Region, Program Area	New Active Cases					Bacteriological Status as Reported (b)			
	Total New Cases Reported During 6 Months	Bacteriology (a)				Positive		Negative	
		Reported Upon		Undeter- mined		Cases	Per- cent	Cases	Per- cent
		Cases	Per- cent	Cases	Per- cent				
REGION VI									
Iowa State	72	68	94.4	4	5.6	36	52.9	32	47.1
Kansas State	113	100	88.5	13	11.5	80	80.0	20	20.0
Minnesota State	65	63	96.9	2	3.1	56	88.9	7	11.1
Minnesota, Minneapolis	42	33	78.6	9	21.4	30	90.9	3	9.1
Minnesota, St. Paul	35	33	94.3	2	5.7	30	90.9	3	9.1
Missouri State	177	154	87.0	23	13.0	136	88.3	18	11.7
Missouri, Kansas City	54	46	85.2	8	14.8	44	95.7	2	4.3
Missouri, St. Louis (city)	118	96	81.4	22	18.6	96	100.0	0	0.0
Missouri, St. Louis (Co.)	68	40	58.8	28	41.2	39	97.5	1	2.5
Nebraska State	65	55	84.6	10	15.4	50	90.9	5	9.1
North Dakota State	27	27	100.0	0	0.0	20	74.1	7	25.9
South Dakota State	56	49	87.5	7	12.5	33	67.3	16	32.7
Total Region VI	892	764	85.7	128	14.3	650	85.1	114	14.9
REGION VII									
Arkansas State	236	189	80.1	47	19.9	175	92.6	14	7.4
Louisiana State	219	178	81.3	41	18.7	161	90.4	17	9.6
New Mexico State	42	31	73.8	11	26.2	26	83.9	5	16.1
Oklahoma State	111	103	92.8	8	7.2	101	98.1	2	1.9
Texas State	454	316	69.6	138	30.4	194	61.4	122	38.6
Texas, Houston	317	295	93.1	22	6.9	240	81.4	55	18.6
Texas, San Antonio	157	141	89.8	16	10.2	77	54.6	64	45.4
Total Region VII	1,536	1,253	81.6	283	18.4	974	77.7	279	22.3
REGION VIII									
Colorado State	28	21	75.0	7	25.0	17	81.0	4	19.0
Colorado, Denver	48	40	83.3	8	16.7	34	85.0	6	15.0
Idaho State	30	29	96.7	1	3.3	24	82.8	5	17.2
Montana State	60	53	88.3	7	11.7	43	81.1	10	18.9
Utah State	35	35	100.0	0	0.0	30	85.7	5	14.3
Total Region VIII	201	178	88.6	23	11.4	148	83.1	30	16.9
REGION IX									
Alaska State	56	43	76.8	13	23.2	33	76.7	10	23.3
Arizona State	57	48	84.2	9	15.8	39	81.3	9	18.7
Arizona, Maricopa Co.	89	83	93.3	6	6.7	66	79.5	17	20.5
Arizona, Pima Co.	25	23	92.0	2	8.0	22	95.7	1	4.3
California State	1,047	963	92.0	84	8.0	828	86.0	135	14.0
California, San Francisco	187	175	93.6	12	6.4	145	82.9	30	17.1
Guam	55	44	80.0	11	20.0	9	20.5	35	79.5
Hawaii State	136	126	92.6	10	7.4	52	41.3	74	58.7
Nevada State	22	9	40.9	13	59.1	8	88.9	1	11.1
Nevada, Clark Co.	17	16	94.1	1	5.9	10	62.5	6	37.5
Oregon State	60	48	80.0	12	20.0	27	56.3	21	43.7
Oregon, Portland	59	58	98.3	1	1.7	46	79.3	12	20.7
Washington State	190	144	75.8	46	24.2	119	82.6	25	17.4
Total Region IX	2,000	1,780	89.0	220	11.0	1,404	78.9	376	21.1
U. S. Total	16,260	12,864	79.1	3,396	20.9	9,675	75.2	3,189	24.8

(a) Percent of total new cases reported.

(b) Percent of 12,864 new active cases for which bacteriological status (positive or negative) was reported within sixty days of report.

TABLE 27.—Medical Supervision of Newly Reported Active Tuberculosis Cases, January 1 to June 30, 1968 (82 Programs Submitting Data)

Region, Program Area	New Active Cases Reported	Hospita- lized for TB	Not Hospitalized			
			Total *	Current Supervision		
				Private Physician	Health Dept. Clinic	Other
REGION I						
Connecticut State	247	136	111	28	52	0
Maine State	61	26	35	10	10	3
Massachusetts State	468	282	186	55	77	0
Massachusetts, Boston	162	79	83	10	43	5
New Hampshire State	26	13	13	6	5	2
Rhode Island State	60	28	32	20	3	5
Vermont State	14	6	8	0	8	0
Total Region I	1,038	570	468	129	198	15
REGION II						
Delaware State	64	31	33	5	25	0
New Jersey State.....	773	373	400	99	199	20
New York State	314	154	160	46	86	12
New York, Erie Co.	152	85	67	7	32	16
New York, New York	624	288	336	57	174	33
Pennsylvania State	561	247	314	52	173	11
Pennsylvania, Allegheny Co.	197	78	119	20	74	2
Pennsylvania, Philadelphia	453	182	271	62	110	39
Total Region II	3,138	1,438	1,700	348	873	133
REGION III						
District of Columbia, Washington	199	135	64	7	19	10
Kentucky State	356	210	146	15	111	0
Kentucky, Louisville-Jefferson Co. ...	102	66	36	9	17	2
Maryland State	171	112	59	16	20	3
Maryland, Baltimore	333	177	156	5	86	33
North Carolina State	411	269	142	17	80	13
Puerto Rico	469	146	323	4	306	0
Virgin Islands	16	7	9	1	0	0
Virginia State	160	85	75	62	3	1
Virginia, Norfolk	82	26	56	6	19	25
Virginia, Richmond	71	31	40	2	15	11
West Virginia State	220	121	99	31	34	3
Total Region III	2,590	1,385	1,205	175	710	101
REGION IV						
Alabama State	432	223	209	28	129	2
Alabama, Jefferson Co.	141	55	86	24	56	0
Florida State	848	489	359	74	180	13
Georgia State	522	411	111	13	74	1
Georgia, Chatham Co.	39	28	11	0	10	0
Mississippi State	311	153	158	9	108	6
South Carolina State	353	232	121	20	77	1
Tennessee State	126	58	68	9	46	0
Tennessee, Hamilton Co.	47	16	31	5	21	1
Tennessee, Knox Co.	23	10	13	5	6	2
Tennessee, Memphis-Shelby Co.	79	47	32	8	20	0
Tennessee, Nashville-Davidson Co.	65	16	49	14	20	5
Total Region IV	2,986	1,738	1,248	209	747	31
REGION V						
Illinois State	291	99	192	0	114	38
Illinois, Chicago .....	..	..	..	..	..	..
Indiana State	83	26	57	10	2	41
Indiana, Marion Co.	138	51	87	25	43	1
Michigan State	863	637	226	40	83	27
Ohio State	430	238	192	50	82	22
Wisconsin, Milwaukee	74	42	32	4	0	18
Total Region V	1,879	1,093	786	129	324	147

TABLE 27.—Medical Supervision of Newly Reported Active Tuberculosis Cases, January 1 to June 30, 1968 (82 Programs Submitting Data)—Continued

Region, Program Area	New Active Cases Reported	Hospita- lized for TB	Not Hospitalized			
			Total *	Current Supervision		
				Private Physician	Health Dept. Clinic	Other
REGION VI						
Iowa State	72	41	31	6	0	12
Kansas State	113	36	77	29	21	11
Minnesota State	65	28	37	19	5	1
Minnesota, Minneapolis	42	21	21	8	8	3
Minnesota, St. Paul	35	14	21	3	0	12
Missouri State	177	99	78	41	8	5
Missouri, Kansas City	54	18	36	8	18	6
Missouri, St. Louis (city)	118	61	57	8	19	11
Missouri, St. Louis (Co.)	68	21	47	14	28	1
Nebraska State	65	33	32	16	4	5
North Dakota State	27	5	22	15	0	1
South Dakota State	56	17	39	7	3	23
Total Region VI	892	394	498	174	114	91
REGION VII						
Arkansas State	236	61	175	16	109	28
Louisiana State	219	130	89	8	35	38
New Mexico State	42	16	26	3	13	3
Oklahoma State	111	53	58	9	26	4
Texas State	454	206	248	31	145	40
Texas, Houston	317	171	146	12	98	4
Texas, San Antonio	157	104	53	10	24	10
Total Region VII	1,536	741	795	89	450	127
REGION VIII						
Colorado State	28	10	18	8	4	2
Colorado, Denver	48	19	29	6	10	5
Idaho State	30	28	2	1	0	0
Montana State	60	33	27	8	1	12
Utah State	35	10	25	9	4	2
Total Region VIII	201	100	101	32	19	21
REGION IX						
Alaska State	56	21	35	7	14	12
Arizona State	57	33	24	3	14	3
Arizona, Maricopa Co.	89	72	17	9	3	0
Arizona, Pima Co.	25	9	16	7	1	5
California State	1,047	518	529	126	174	98
California, San Francisco	187	85	102	35	44	3
Guam	55	24	31	0	31	0
Hawaii State	136	65	71	3	33	30
Nevada State	22	3	19	1	14	0
Nevada, Clark Co.	17	12	5	1	1	0
Oregon State	60	14	46	9	29	1
Oregon, Portland	59	29	30	4	18	3
Washington State	190	117	73	16	44	3
Total Region IX	2,000	1,002	998	221	420	158
U. S. Total	16,260	8,461	7,799	1,506	3,855	824

*Total includes all other "not hospitalized" cases in addition to those shown in table to be under current supervision.

TABLE 28.—Medical Supervision of Newly Reported Tuberculosis Cases—Bacteriological Status, January 1 to June 30, 1968 (By Region)

Region	New Active Cases					Bacteriological Status as Reported (b)			
	Total New Cases Reported During 6 Months	Bacteriology (a)				Positive		Negative	
		Reported Upon		Undetermined		Cases	Percent	Cases	Percent
		Cases	Percent	Cases	Percent				
1	1,038	806	77.6	232	22.4	636	78.9	170	21.1
2	3,138	2,578	82.2	560	17.8	1,899	73.7	679	26.3
3	2,590	1,791	69.2	799	30.8	1,174	65.5	617	34.5
4	2,986	2,348	78.6	638	21.4	1,872	79.7	476	20.3
5	1,879	1,366	72.7	513	27.3	918	67.2	448	32.8
6	892	764	85.7	128	14.3	650	85.1	114	14.9
7	1,536	1,253	81.6	283	18.4	974	77.7	279	22.3
8	201	178	88.6	23	11.4	148	83.1	30	16.9
9	2,000	1,780	89.0	220	11.0	1,404	78.9	376	21.1
Total	16,260	12,864	79.1	3,396	20.9	9,675	75.2	3,189	24.8

(a) Percent of total new cases reported.

(b) Percent of 12,864 new active cases for which bacteriological status (positive or negative) was reported, within sixty days of report.

TABLE 29.—Medical Supervision of Newly Reported Active Tuberculosis Cases—Not Hospitalized (During Six-Month Periods)

Region	June 30, 1966 (69 Programs)			June 30, 1967 (79 Programs)			June 30, 1968 (82 Programs)		
	Not Hospitalized Cases	Under Supervision (a)		Not Hospitalized Cases	Under Supervision (a)		Not Hospitalized Cases	Under Supervision (a)	
		Cases	Percent		Cases	Percent		Cases	Percent
1	246	169	68.7	295	236	80.0	468	342	73.1
2	920	736	80.0	1,187	925	77.9	1,700	1,354	79.6
3	654	529	80.9	1,120	914	81.6	1,205	986	81.8
4	1,204	951	79.0	1,405	1,139	81.1	1,248	987	79.1
5	547	399	73.0	623	461	74.0	786	600	76.3
6	478	313	65.5	411	322	78.3	498	379	76.1
7	378	279	73.8	500	394	78.8	795	666	83.8
8	51	39	76.5	71	57	80.3	101	72	71.3
9	731	541	74.0	960	700	72.9	998	799	80.1
Total	5,209	3,956	76.0	6,572	5,148	78.3	7,799	6,185	79.3

(a) Includes cases awaiting hospitalization.

TABLE 30.—Medical Supervision of Newly Reported Active Tuberculosis Cases, Hospitalized—Not Hospitalized, January 1 to June 30, 1968 (By Region)

Region	Total New Active Cases Reported During 6 Months	CURRENT SUPERVISION								
		Hospitalized		Total Not Hospitalized	Not Hospitalized (a)				Died	
					Under Supervision(c)		Not Under Supervision(b)			
		Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	
1	1,038	570	54.9	468	342	73.1	34	7.3	92	19.6
2	3,138	1,438	45.8	1,700	1,354	79.7	72	4.2	274	16.1
3	2,590	1,385	53.5	1,205	986	81.8	45	3.7	174	14.5
4	2,986	1,738	58.2	1,248	987	79.1	53	4.2	208	16.7
5	1,879	1,093	58.2	786	600	76.3	54	6.9	132	16.8
6	892	394	44.2	498	379	76.1	31	6.2	88	17.7
7	1,536	741	48.2	795	666	83.8	34	4.3	95	11.9
8	201	100	49.8	101	72	71.3	4	4.0	25	24.7
9	2,000	1,002	50.1	998	799	80.1	69	6.9	130	13.0
Total	16,260	8,461	52.0	7,799	6,185	79.3	396	5.1	1,218	15.6

(a) Percent of total not hospitalized.

(b) Included are persons who refused supervision (111), moved out of area (219), were lost to supervision or unable to be located (66).

(c) Patients definitely awaiting hospitalization as of report date were considered to be under supervision.

TABLE 31.—Medical Supervision of Newly Reported Active Tuberculosis Cases, Type of Current Supervision—Not Hospitalized (By Region)

Region	Reporting		Total New Active Cases Under Supervision	Type of Current Supervision					
	Programs	Reports Received		Private Physician		Health Department Clinics		Other(*)	
				Cases	Percent	Cases	Percent	Cases	Percent
1	7	(13)	342	129	37.7	198	57.9	15	4.4
2	8	(42)	1,354	348	25.7	873	64.5	133	9.8
3	12	(151)	986	175	17.7	710	72.0	101	10.3
4	12	(328)	987	209	21.2	747	75.7	31	3.1
5	6	(130)	600	129	21.5	324	54.0	147	24.5
6	12	(81)	379	174	45.9	114	30.1	91	24.0
7	7	(119)	666	89	13.4	450	67.6	127	19.0
8	5	(26)	72	32	44.4	19	26.4	21	29.2
9	13	(87)	799	221	27.7	420	52.5	158	19.8
Total	82	(977)	6,185	1,506	24.4	3,855	62.3	824	13.3

(*) Under current supervision of hospital out-patient clinics, the Veterans Administration, and other agencies. Included in this group were patients recently discharged from a hospital, who at the time of the patient census had not reported to a recommended facility for further care or supervision.

TABLE 32.—Contacts to New Active Cases (81 Programs Submitting Data, January 1 to June 30, 1968)

Region, Program Area	New Active Cases (Index)	Contacts to New Active Cases			
		Identified	Per Active Case	Examined	Percent Examined
REGION I					
Connecticut State	247	496	2.0	472	95.1
Maine State	61	627	10.3	581	92.7
Massachusetts State	131	904	6.9	717	46.1
Massachusetts, Boston	162	576	3.6	508	88.2
New Hampshire State	26	318	12.2	313	98.4
Rhode Island State	60	416	6.9	405	97.4
Vermont State	14	98	7.0	83	84.7
Total Region I	701	3,435	4.9	3,079	89.6
REGION II					
Delaware State	64	324	5.1	267	82.4
New Jersey State	773	2,338	3.0	1,431	61.2
New York State	314	1,358	4.3	1,165	85.8
New York, Erie Co.	152	324	2.1	277	85.5
New York, New York	624	1,098	3.1*	962	87.6
Pennsylvania State	561	3,304	5.9	3,076	93.1
Pennsylvania, Allegheny Co.	197	908	4.6	808	89.0
Pennsylvania, Philadelphia	454	2,194	4.8	1,520	69.3
Total Region II	3,139	11,848	3.8	9,506	80.2
REGION III					
District of Columbia, Washington	199	1,082	5.4	991	91.6
Kentucky State	356	2,161	6.1	1,696	78.5
Kentucky, Louisville-Jefferson Co.	102	717	7.0	675	94.1
Maryland State	171	1,497	8.8	1,275	85.2
Maryland, Baltimore	333	1,257	3.8	853	67.9
North Carolina State	411	2,268	5.5	2,224	98.1
Puerto Rico	469	2,251	4.8	1,633	72.5
Virgin Islands	16	253	15.8	160	63.2
Virginia State	160	573	3.6	517	90.2
Virginia, Norfolk	82	796	9.7	774	97.2
Virginia, Richmond	71	734	10.3	669	95.0
West Virginia State	220	1,103	5.0	1,019	92.4
Total Region III	2,590	14,692	5.7	12,486	85.0
REGION IV					
Alabama State	432	4,658	10.8	4,488	96.4
Alabama, Jefferson Co.	141	351	2.5	320	91.2
Florida State	848	9,120	10.8	8,483	93.0
Georgia State	522	3,773	7.2	3,123	82.8
Georgia, Chatham Co.	39	163	4.2	152	93.3
Mississippi State	311	1,549	5.0	1,517	97.9
South Carolina State	353	2,487	7.0	2,287	92.0
Tennessee State	126	815	6.5	673	82.6
Tennessee, Hamilton Co.	47	162	3.4	142	87.7
Tennessee, Knox Co.	23	153	6.7	140	91.5
Tennessee, Memphis-Shelby Co.	79	323	4.0	321	99.4
Tennessee, Nashville-Davidson Co.	65	213	3.3	155	72.8
Total Region IV	2,986	23,767	8.0	21,801	91.7
REGION V					
Illinois State	295	1,265	4.3	1,159	91.6
Illinois, Chicago .....	..	..	..	..	..
Indiana State	83	396	4.8	365	92.2
Indiana, Marion Co.	138	443	3.2	279	63.0
Michigan State	863	6,400	7.4	5,045	78.8
Ohio State	378	1,641	4.3	1,365	83.2
Wisconsin, Milwaukee	74	257	3.5	216	84.0
Total Region V	1,831	10,402	5.7	8,429	81.0

TABLE 32.—Contacts to New Active Cases (81 Programs Submitting Data, January 1 to June 30, 1968)
—Continued

Region, Program Area	New Active Cases (Index)	Contacts to New Active Cases			
		Identified	Per Active Case	Examined	Percent Examined
REGION VI					
Iowa State	72	852	11.8	740	86.9
Kansas State	113	962	8.5	935	97.2
Minnesota State	65	296	4.6	296	100.0
Minnesota, Minnespolis	42	173	4.1	145	83.8
Minnesota, St. Paul	35	282	8.1	254	90.1
Missouri State	177	1,116	6.3	1,049	94.0
Missouri, Kansas City	54	271	5.0	231	85.2
Missouri, St. Louis (city)	118	481	4.1	373	77.5
Missouri, St. Louis (Co.)	68	727	10.7	599	82.4
Nebraska State	65	223	3.4	183	82.1
North Dakota State	27	399	14.8	390	97.7
South Dakota State	56	210	3.8	162	77.1
Total Region VI	892	5,992	6.7	5,357	89.4
REGION VII					
Arkansas State	236	1,531	6.5	1,385	90.5
Louisiana State	219	802	3.7	624	77.8
New Mexico State	42	339	8.1	312	92.0
Oklahoma State	111	758	6.8	651	85.9
Texas State	454	2,146	4.7	1,874	97.3
Texas, Houston	317	2,753	8.7	2,117	76.9
Texas, San Antonio	157	733	4.7	628	85.7
Total Region VII	1,536	9,062	5.9	7,591	83.8
REGION VIII					
Colorado State	28	429	15.3	408	95.1
Colorado, Denver	48	234	4.9	210	89.7
Idaho State	30	187	5.2	143	76.5
Montana State	60	812	13.5	722	88.9
Utah State	35	299	8.5	267	89.3
Total Region VIII	201	1,961	9.8	1,750	89.2
REGION IX					
Alaska State	56	356	6.4	348	97.8
Arizona State	57	518	9.1	504	97.3
Arizona, Maricopa Co.	89	540	6.1	347	64.3
Arizona, Pima Co.	25	52	2.1	48	92.3
California State	1,047	7,922	7.7	6,717	84.8
California, San Francisco	187	693	3.7	565	81.5
Guam .....	..	..	..	..	..
Hawaii State	136	207	1.5	153	73.9
Nevada State	22	97	4.4	74	76.3
Nevada, Clark Co.	17	183	10.8	174	95.1
Oregon State	60	470	7.8	392	83.4
Oregon, Portland	59	146	2.5	133	91.1
Washington State	190	969	5.1	888	91.6
Total Region IX	1,945	12,153	6.2	10,343	85.1
U. S. Total	15,821	93,312	5.9	80,342	86.1

*N.Y.C. - Percentage based on 350 new active cases (reports not processed on 274 cases).

TABLE 33.—Contacts to Newly Reported Active Tuberculosis Cases (By Region)

Region	Reporting		New Active TB Cases Reported During 6-Month Period					Contacts Identified by Type					Number of Contacts Identified Per New Active Case		
			Under 5 Years of Age		5 Years and Older		Total New Active Cases	Household		Non-Household		Total Contacts Identified	Household	Non-Household	Total Per New Active Cases
	Cases	Percent *	Cases	Percent *	Contacts	Percent **		Contacts	Percent **						
1	7	(21)	27	3.9	674	96.1	701	1,384	40.3	2,051	59.7	3,435	2.0	2.9	4.9
2	8	(42)	125	4.0	3,014	96.0	3,139	6,228	52.6	5,620	47.4	11,848	2.0	1.8	3.8
3	12	(151)	150	5.8	2,440	94.2	2,590	7,682	52.3	7,010	47.7	14,692	3.0	2.7	5.7
4	12	(328)	157	5.3	2,829	94.7	2,986	8,449	35.5	15,318	64.5	23,767	2.8	5.2	8.0
5	6	(120)	141	7.7	1,690	92.3	1,831	4,365	42.0	6,037	58.0	10,402	2.4	3.3	5.7
6	12	(81)	47	5.3	845	94.7	892	1,727	28.8	4,265	71.2	5,992	1.9	4.8	6.7
7	7	(119)	120	7.8	1,416	92.2	1,536	4,365	48.2	4,697	51.8	9,062	2.8	3.1	5.9
8	5	(26)	9	4.5	192	95.5	201	400	20.4	1,561	79.6	1,961	2.0	7.8	9.8
9	12	(87)	84	4.3	1,861	95.7	1,945	3,744	30.8	8,409	69.2	12,153	1.9	4.3	6.2
Total	81	(975)	860	5.4	14,961	94.6	15,821	38,344	41.1	54,968	58.9	93,312	2.4	3.5	5.9

*Percent in age group of total new active TB cases reported.

**Percent of total contacts identified by type of contacts.

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TABLE 34.—Contacts Examined by Type—Household or Non-Household (By Region)

Region	Total New Active Cases (Index)	Household Contacts				Non-Household Contacts			
		Total Household Contacts Identified	First Examination		Contacts Examined Per New Active Case	Total Non-Household Contacts Identified	First Examination		Contacts Examined Per New Active Case
			Number Contacts Examined	Percent Examined *			Number Contacts Examined	Percent Examined **	
1	701	1,384	1,177	85.0	1.7	2,051	1,902	92.7	2.7
2	3,139	6,228	4,931	79.2	1.6	5,620	4,575	81.4	1.5
3	2,590	7,682	6,397	83.3	2.5	7,010	6,089	86.9	2.4
4	2,986	8,449	7,817	92.5	2.6	15,318	13,984	91.3	4.7
5	1,831	4,365	3,527	80.8	1.9	6,037	4,902	81.2	2.3
6	892	1,727	1,516	87.8	1.7	4,265	3,841	90.1	4.3
7	1,536	4,365	3,812	87.3	2.5	4,697	3,779	80.5	2.5
8	201	400	340	85.0	1.7	1,561	1,410	90.3	7.0
9	1,945	3,744	3,312	88.5	1.7	8,409	7,031	83.6	3.6
Total	15,821	38,344	32,829	85.6	2.1	54,968	47,513	86.4	3.0

*Percent of household contacts examined during six-month period.

**Percent of non-household contacts examined during six-month period.

NOTE: The above figures refer to completion of the initial examination, even though there may be need for further examinations.

TABLE 35.—Contacts Examined by Age (By Region)

Region	Household			Non-Household		
	Contacts Identified	Examined		Contacts Identified	Examined	
		Contacts	Percent		Contacts	Percent
UNDER FIVE YEARS						
1	143	121	84.6	140	129	92.1
2	687	581	84.6	552	509	92.2
3	925	781	84.4	679	630	92.8
4	991	933	94.1	1,098	1,015	92.4
5	576	484	84.0	402	322	80.1
6	138	131	94.9	190	177	93.2
7	565	511	90.4	456	404	88.6
8	39	35	89.7	88	77	87.5
9	409	376	91.9	637	553	86.8
Total	4,473	3,953	88.4	4,242	3,816	90.0
FIVE YEARS AND OVER						
1	1,241	1,056	85.1	1,911	1,773	92.8
2	5,541	4,350	78.5	5,068	4,066	80.2
3	6,757	5,616	83.1	6,331	5,459	86.2
4	7,458	6,884	92.3	14,220	12,969	91.2
5	3,789	3,043	80.3	5,635	4,580	81.3
6	1,589	1,385	87.2	4,075	3,664	89.9
7	3,800	3,301	86.9	4,241	3,375	79.6
8	361	305	84.5	1,473	1,333	90.5
9	3,335	2,936	88.0	7,772	6,478	83.4
Total	33,871	28,876	85.3	50,726	43,697	86.1

TABLE 36.—Contacts Examined—New Active Tuberculosis Cases Found (81 Programs Submitting Data, January 1 to June 30, 1968)

Region, Program Area	Contacts Examined		New Active Cases Found Among Contacts			
	Household	Non- Household	Household		Non-Household	
			Cases	Rate*	Cases	Rate*
REGION I						
Connecticut State	162	310	7	43	0	0
Maine State	108	473	0	0	2	4
Massachusetts State	383	334	7	18	1	3
Massachusetts, Boston	292	216	6	21	0	0
New Hampshire State	70	243	5	71	0	0
Rhode Island State	136	269	2	15	0	0
Vermont State	26	57	0	0	0	0
Total Region I	1,177	1,902	27	23	3	2
REGION II						
Delaware State	119	148	2	17	1	7
New Jersey State	923	508	11	12	0	0
New York State	630	535	14	22	1	2
New York, Erie Co.	275	2	7	25	0	0
New York, New York	821	141	17	21	4	28
Pennsylvania State	1,134	1,942	6	5	5	3
Pennsylvania, Allegheny Co.	312	496	8	26	1	2
Pennsylvania, Philadelphia	717	803	10	14	3	4
Total Region II	4,931	4,575	75	15	15	3
REGION III						
District of Columbia, Washington ..	455	536	10	22	4	7
Kentucky State	737	959	7	9	4	4
Kentucky, Louisville-Jefferson Co..	250	425	4	16	0	0
Maryland State	558	717	6	11	5	7
Maryland, Baltimore	624	229	5	8	0	0
North Carolina State	1,135	1,089	24	21	17	16
Puerto Rico	1,439	194	27	19	0	0
Virgin Islands	44	116	0	0	0	0
Virginia State	317	200	1	3	3	15
Virginia, Norfolk	199	575	7	35	5	9
Virginia, Richmond	185	484	4	22	10	21
West Virginia State	454	565	2	4	3	5
Total Region III	6,397	6,089	97	15	51	8
REGION IV						
Alabama State	1,380	3,108	41	30	4	1
Alabama, Jefferson Co.	216	104	12	56	6	58
Florida State	2,158	6,325	50	23	24	4
Georgia State	1,316	1,807	23	17	9	5
Georgia, Chatham Co.	94	58	1	11	1	17
Mississippi State	1,016	501	12	12	2	4
South Carolina State	944	1,343	46	49	8	6
Tennessee State	255	418	3	12	1	2
Tennessee, Hamilton Co.	104	38	0	0	0	0
Tennessee, Knox Co.	26	114	0	0	0	0
Tennessee, Memphis-Shelby Co.	204	117	4	20	0	0
Tennessee, Nashville-Davidson Co. .	104	51	9	87	0	0
Total Region IV	7,817	13,984	201	26	55	4
REGION V						
Illinois State	520	639	6	12	0	0
Illinois, Chicago .....	..	..	..	..	..	..
Indiana State	117	248	5	43	2	8
Indiana, Marion Co.	137	142	10	73	1	7
Michigan State	1,931	3,114	66	34	36	12
Ohio State	718	647	17	24	13	20
Wisconsin, Milwaukee	104	112	1	10	1	9
Total Region V	3,527	4,902	105	30	53	11

TABLE 36.—Contacts Examined—New Active Tuberculosis Cases Found (81 Programs Submitting Data, January 1 to June 30, 1968)—Continued

Region, Program Area	Contacts Examined		New Active Cases Found Among Contacts			
	Household	Non- Household	Household		Non-Household	
			Cases	Rate*	Cases	Rate*
Region VI						
Iowa State	72	668	2	28	1	1
Kansas State	242	693	2	8	4	6
Minnesota State	53	243	0	0	0	0
Minnesota, Minneapolis	35	110	0	0	0	0
Minnesota, St. Paul	41	213	0	0	0	0
Missouri State	290	759	3	10	2	3
Missouri, Kansas City	86	145	1	12	0	0
Missouri, St. Louis (city)	293	80	4	14	0	0
Missouri, St. Louis (Co.)	182	417	6	33	8	19
Nebraska State	90	93	2	22	0	0
North Dakota State	62	328	1	16	1	3
South Dakota State	70	92	3	43	0	0
Total Region VI	1,516	3,841	24	16	16	4
REGION VII						
Arkansas State	730	655	19	26	10	15
Louisiana State	516	108	22	43	1	9
New Mexico State	136	176	7	51	1	6
Oklahoma State	211	440	1	5	1	2
Texas State	1,166	708	40	34	4	6
Texas, Houston	653	1,464	25	38	21	14
Texas, San Antonio	400	228	7	18	0	0
Total Region VII	3,812	3,779	121	32	38	10
REGION VIII						
Colorado State	79	329	0	0	0	0
Colorado, Denver	78	132	1	13	5	38
Idaho State	30	113	0	0	0	0
Montana State	93	629	0	0	1	2
Utah State	60	207	0	0	0	0
Total Region VIII	340	1,410	1	3	6	4
REGION IX						
Alaska State	165	183	5	30	3	16
Arizona State	149	355	4	27	1	3
Arizona, Maricopa Co.	110	237	4	36	4	17
Arizona, Pima Co.	33	15	0	0	0	0
California State	1,877	4,840	32	17	13	3
California, San Francisco	325	240	1	3	0	0
Guam .....	..	..	..	..	..	..
Hawaii State	89	64	1	11	0	0
Nevada State	44	30	2	45	0	0
Nevada, Clark Co.	43	131	1	23	0	0
Oregon State	157	235	0	0	0	0
Oregon, Portland	81	52	1	12	1	19
Washington State	239	649	5	21	2	3
Total Region IX	3,312	7,031	56	17	24	3
U. S. Total	32,829	47,513	707	22	261	5

*New active TB cases found among contacts per 1,000 contacts examined.

TABLE 37.—New Active Tuberculosis Cases Found Among Contacts Examined (During Six-Month Periods)

Region	Jan.—June 1966 (68 Programs)			Jan.—June 1967 (77 Programs)			Jan.—June 1968 (81 Programs)		
	Total Contacts Examined	New Active Cases Among Contacts		Total Contacts Examined	New Active Cases Among Contacts		Total Contacts Examined	New Active Cases Among Contacts	
		New Cases	Cases Per 1000 Contacts		New Cases	Cases Per 1000 Contacts		New Cases	Cases Per 1000 Contacts
HOUSEHOLD CONTACTS									
1	493	20	40.6	888	14	15.7	1,177	27	22.9
2	3,249	125	38.5	4,130	142	34.3	4,931	75	15.2
3	4,066	96	23.6	5,969	181	30.3	6,397	97	15.1
4	6,326	272	43.0	8,021	250	31.1	7,817	201	25.7
5	2,414	98	40.6	3,083	81	26.2	3,527	105	29.7
6	1,413	40	28.3	1,669	49	29.3	1,516	24	15.8
7	2,568	62	24.1	2,545	80	31.4	3,812	121	31.7
8	264	4	15.2	238	1	4.2	340	1	2.9
9	2,343	69	29.4	3,468	77	22.2	3,312	56	16.9
Total	23,136	786	34.0	30,011	875	29.1	32,829	707	21.5
NON-HOUSEHOLD CONTACTS									
1	530	3	5.7	1,026	3	2.9	1,902	3	1.5
2	2,106	17	8.1	3,618	9	2.4	4,575	15	3.2
3	4,049	40	9.9	5,256	31	5.8	6,089	51	8.3
4	8,371	56	6.7	9,081	54	5.9	13,984	55	3.9
5	2,773	37	13.3	4,456	5	1.1	4,902	53	10.8
6	2,687	21	7.8	3,168	28	8.8	3,841	16	4.1
7	2,773	24	8.7	2,531	23	9.0	3,779	38	10.0
8	315	1	3.2	573	1	1.7	1,410	6	4.2
9	2,868	14	3.6	6,846	16	2.3	7,031	24	3.4
Total	27,472	213	7.8	36,555	170	4.6	47,513	261	5.4

TABLE 38.—New Active Tuberculosis Cases Found Among Contacts Examined (By Region)

Region	Household Contacts			Non-Household Contacts		
	Total Household Contacts Examined	New Active Cases Found Among Contacts		Total Non- Household Contacts Examined	New Active Cases Found Among Contacts	
		New Cases	Cases Per 1000 Contacts Examined		New Cases	Cases Per 1000 Contacts Examined
1	1,177	27	22.9	1,902	3	1.5
2	4,931	75	15.2	4,575	15	3.2
3	6,397	97	15.1	6,089	51	8.3
4	7,817	201	25.7	13,984	55	3.9
5	3,527	105	29.7	4,902	53	10.8
6	1,516	24	15.8	3,841	16	4.1
7	3,812	121	31.7	3,779	38	10.0
8	340	1	2.9	1,410	6	4.2
9	3,312	56	16.9	7,031	24	3.4
Total	32,829	707	21.5	47,513	261	5.4

TABLE 39.—New Active Tuberculosis Cases Found Among Contacts Examined by Age

Region	Household			Non-Household		
	Contacts Examined	New Active Cases		Contacts Examined	New Active Cases	
		Cases Found	Per 1000 Contacts Examined		Cases Found	Per 1000 Contacts Examined
UNDER FIVE YEARS						
1	121	14	115.7	129	1	7.7
2	581	18	30.9	509	8	15.7
3	781	34	43.5	630	22	34.9
4	933	67	71.8	1,015	16	15.7
5	484	33	68.1	322	11	34.1
6	131	14	106.8	177	6	33.8
7	511	37	72.4	404	11	27.2
8	35	0	0.0	77	0	0.0
9	376	26	69.1	553	3	5.4
Total	3,952	243	61.7	3,816	78	20.4
FIVE YEARS AND OVER						
1	1,056	13	12.3	1,773	2	1.1
2	4,350	57	13.1	4,066	7	1.7
3	5,616	63	11.2	5,459	29	5.3
4	6,884	134	19.4	12,969	39	3.0
5	3,043	72	23.6	4,580	42	9.1
6	1,385	10	7.2	3,664	10	2.7
7	3,301	84	25.4	3,375	27	8.0
8	305	1	3.2	1,333	6	4.5
9	2,936	30	10.2	6,478	21	3.2
Total	28,876	464	16.0	43,697	183	4.1

TABLE 40.—Contacts on Prophylaxis (During Six-Month Periods)

Region	Jan.-June 1966 (68 Programs)			Jan.-June 1967 (77 Programs)			Jan.-June 1968 (81 Programs)		
	Contacts Examined (a)	On Prophylaxis		Contacts Examined (a)	On Prophylaxis		Contacts Examined (a)	On Prophylaxis	
		Contacts	Percent		Contacts	Percent		Contacts	Percent
HOUSEHOLD CONTACTS									
1	473	82	17.3	874	81	9.3	1,150	178	15.5
2	3,124	469	15.0	3,988	802	19.9	4,856	1,291	26.6
3	3,970	1,451	36.5	5,788	2,028	35.0	6,300	2,493	39.6
4	6,054	1,850	30.6	7,771	3,107	40.0	7,616	4,308	56.6
5	2,316	451	19.5	3,002	916	30.5	3,422	1,190	34.8
6	1,373	112	8.2	1,620	348	21.5	1,492	330	22.1
7	2,506	279	11.1	2,465	535	21.7	3,691	708	19.2
8	260	4	1.5	237	27	11.4	339	77	22.7
9	2,274	250	11.0	3,391	446	13.2	3,256	564	17.3
Total	22,350	4,948	22.1	29,136	8,290	28.5	32,122	11,139	34.7
NON-HOUSEHOLD CONTACTS									
1	527	21	4.0	1,023	9	0.9	1,899	87	4.6
2	2,089	230	11.0	3,609	373	10.5	4,560	644	14.1
3	4,009	370	9.2	5,225	532	10.2	6,038	774	12.8
4	8,325	890	10.7	9,027	850	9.4	13,929	1,937	13.9
5	2,736	164	6.0	4,451	276	6.2	4,849	472	9.7
6	2,650	43	1.6	3,140	207	6.6	3,825	143	3.7
7	2,749	65	2.4	2,508	166	6.6	3,741	363	9.7
8	314	1	0.3	572	7	1.2	1,404	217	15.5
9	3,854	121	3.1	6,830	365	5.3	7,007	418	6.0
Total	27,253	1,905	7.0	36,385	2,785	7.7	47,252	5,055	10.7

(a) Exclusive of new active cases found among examined contacts.

TABLE 41.—Contacts on Prophylaxis by Age

Region	Household Contacts			Non-Household Contacts		
	Contacts Examined (a)	On Prophylaxis		Contacts Examined (a)	On Prophylaxis	
		Contacts	Percent		Contacts	Percent
UNDER FIVE YEARS						
1	107	19	17.8	128	11	8.6
2	563	122	21.7	501	49	9.8
3	747	366	49.0	608	78	12.8
4	866	517	59.7	999	182	18.2
5	451	148	32.8	311	39	12.5
6	117	29	24.8	171	9	5.3
7	474	110	23.2	393	42	10.7
8	35	9	25.7	77	5	6.5
9	350	60	17.1	550	10	1.8
Total	3,710	1,380	37.2	3,738	425	11.4
FIVE YEARS AND OVER						
1	1,043	159	15.2	1,771	76	4.3
2	4,293	1,169	27.2	4,059	595	14.7
3	5,553	2,127	38.3	5,430	696	12.8
4	6,750	3,791	56.2	12,930	1,755	13.6
5	2,971	1,042	35.1	4,538	433	9.5
6	1,375	301	21.9	3,654	134	3.7
7	3,217	598	18.6	3,348	321	9.6
8	304	68	22.4	1,327	212	16.0
9	2,906	504	17.3	6,457	408	6.3
Total	28,412	9,759	34.3	43,514	4,630	10.6

(a) Exclusive of new active cases found among examined contacts.

TABLE 42.—Contacts on Prophylaxis (By Region)

Region	Household Contacts			Non-Household Contacts		
	Contacts Examined Excluding New Active Cases	On Prophylaxis		Contacts Examined Excluding New Active Cases	On Prophylaxis	
		Contacts	Percent*		Contacts	Percent*
1	1,150	178	15.5	1,899	87	4.6
2	4,856	1,291	26.6	4,560	644	14.1
3	6,300	2,493	39.6	6,038	774	12.8
4	7,616	4,308	56.6	13,929	1,937	13.9
5	3,422	1,190	34.8	4,849	472	9.7
6	1,492	330	22.1	3,825	143	3.7
7	3,691	708	19.2	3,741	363	9.7
8	339	77	22.7	1,404	217	15.5
9	3,256	564	17.3	7,007	418	6.0
Total	32,122	11,139	34.7	47,252	5,055	10.7

*Percent based on contacts examined exclusive of new active cases found among contacts.

TABLE 43.—Tuberculosis Suspects Identified and Diagnosis Established within Six Months, 1965-1967 (By Region)

Region	July-Dec. 1965 (53 Programs)			July-Dec. 1966 (70 Programs)			July-Dec. 1967 (75 Programs)		
	TB Suspects Identified, Referred For X-ray	Diagnosis Established*		TB Suspects Identified, Referred For X-ray	Diagnosis Established*		TB Suspects Identified, Referred For X-ray	Diagnosis Established*	
		Suspects	Percent		Suspects	Percent		Suspects	Percent
1	366	268	73.2	388	270	69.6	364	298	81.9
2	2,431	2,142	88.1	2,333	1,688	72.4	4,158	3,414	82.1
3	2,691	1,964	73.0	2,550	1,984	77.8	2,727	2,250	82.5
4	3,528	2,786	79.0	5,696	4,806	84.4	4,741	4,275	90.2
5	2,894	2,473	85.4	3,628	3,235	89.2	4,622	3,915	84.7
6	1,882	1,406	74.7	3,843	2,230	78.4	3,033	2,064	68.1
7	924	816	88.3	1,763	1,551	88.0	2,232	1,658	74.3
8	451	360	79.8	616	530	86.0	620	529	85.3
9	6,561	6,119	93.3	9,490	8,468	89.2	11,031	9,671	87.7
Total	21,728	18,334	84.4	29,307	24,762	84.5	33,528	28,074	83.7

*Diagnosis established within six months.

TABLE 44.—Tuberculosis Suspects Referred for Examination—Type of Confirmatory or Retake X-ray Film (By Region)

Region	Type of Chest X-ray Film						Total TB Suspects Referred
	70 mm		14 x 17		Other		
	Number	Percent	Number	Percent	Number	Percent	
1	130	35.7	234	64.3	0	0.0	364
2	2,442	58.7	1,691	40.7	25	0.6	4,158
3	1,088	39.9	1,599	58.6	40	1.5	2,727
4	1,402	29.6	2,776	58.5	563	11.9	4,741
5	2,152	46.6	2,115	45.7	355	7.7	4,622
6	1,335	44.0	1,594	52.6	104	3.4	3,033
7	651	29.2	1,457	65.3	124	5.5	2,232
8	120	19.3	435	70.2	65	10.5	620
9	8,763	79.4	1,538	14.0	730	6.6	11,031
Total	18,083	53.9	13,439	40.1	2,006	6.0	33,528

NOTE: Any individual referred from an X-ray examination as having a chest finding suggestive of TB is considered to be a suspect. Programs which do not provide for a confirmatory film as a part of screening procedure should include those persons with significant 70 mm film readings who are suspected of having tuberculosis. A "referred suspect" is one who has had a confirmatory or retake film which shows X-ray findings suspicious of being tuberculosis and who is referred for further diagnostic work-up to a private physician, to a hospital out-patient department, or to the health department diagnostic clinic, whatever may be the case.

TABLE 45.—Tuberculosis Suspects Referred for Examination, Disposition and Yield of New Active Cases (75 Programs Submitting Data, July-December 1967)

Region, Program Area	TB Suspects Referred for X-Ray Examination	Satisfactory Disposition Within 6 Months		Active TB Cases Found	
		Suspects	Percent	Cases Among Suspects	Per 1,000 Suspects
REGION I					
Connecticut State .....	..	..	..	..	..
Maine State	24	18	75.0	2	111
Massachusetts State .....	..	..	..	..	..
Massachusetts, Boston	223	203	91.0	12	59
New Hampshire State	50	40	80.0	1	25
Rhode Island State	56	53	94.6	4	75
Vermont State	11	7	63.6	1	143
Total Region I	364	321	88.2	20	62
REGION II					
Delaware State	31	28	90.3	14	500
New Jersey State .....	..	..	..	..	..
New York State	307	268	87.3	33	123
New York, Erie Co.	294	219	74.5	27	123
New York, New York	233	210	90.1	38	181
Pennsylvania State	1,798	1,544	85.9	38	25
Pennsylvania, Allegheny Co.	953	807	84.7	17	21
Pennsylvania, Philadelphia	542	379	69.9	50	132
Total Region II	4,158	3,455	83.1	217	63
REGION III					
District of Columbia, Washington ..	354	326	92.1	26	80
Kentucky State	238	149	62.6	22	148
Kentucky, Louisville-Jefferson Co..	224	212	94.6	87	410
Maryland State	86	78	90.7	10	128
Maryland, Baltimore	141	133	94.3	10	75
North Carolina State	543	532	98.0	176	331
Puerto Rico	353	257	72.8	47	183
Virgin Islands	1	1	100.0	0	0
Virginia State	19	6	31.6	4	667
Virginia, Norfolk	29	28	96.6	12	429
Virginia, Richmond	23	23	100.0	6	261
West Virginia State	716	594	83.0	25	42
Total Region III	2,727	2,339	85.8	425	182
REGION IV					
Alabama State	363	314	86.5	50	159
Alabama, Jefferson Co.	100	92	92.0	14	152
Florida State	1,615	1,562	96.7	187	120
Georgia State	617	552	89.5	339	614
Georgia, Chatham Co.	30	30	100.0	26	867
Mississippi State	1,141	1,139	99.8	166	146
South Carolina State	371	342	92.2	67	196
Tennessee State	158	141	89.2	12	85
Tennessee, Hamilton Co.	66	60	90.9	31	517
Tennessee, Knox Co.	36	36	100.0	2	56
Tennessee, Memphis-Shelby Co.	120	120	100.0	47	392
Tennessee, Nashville-Davidson Co. .	124	84	67.7	20	238
Total Region IV	4,741	4,472	94.3	961	215
REGION V					
Illinois State .....	..	..	..	..	..
Illinois, Chicago .....	..	..	..	..	..
Indiana State .....	..	..	..	..	..
Indiana, Marion Co. ....	..	..	..	..	..
Michigan State	2,656	2,196	82.7	264	120
Ohio State	1,918	1,781	92.9	101	57
Wisconsin, Milwaukee	48	48	100.0	3	63
Total Region V	4,622	4,025	87.1	368	91

TABLE 45.—Tuberculosis Suspects Referred for Examination, Disposition and Yield of New Active Cases (75 Programs Submitting Data, July-December 1967)—Continued

Region, Program Area	TB Suspects Referred for X-Ray Examination	Satisfactory Disposition Within 6 Months		Active TB Cases Found	
		Suspects	Percent	Cases Among Suspects	Per 1,000 Suspects
REGION VI					
Iowa State	10	10	100.0	0	0
Kansas State	500	430	86.0	18	42
Minnesota State	1,006	578	57.5	2	3
Minnesota, Minneapolis	21	17	81.0	5	294
Minnesota, St. Paul	108	107	99.1	29	271
Missouri State	361	175	48.5	5	29
Missouri, Kansas City	79	56	70.9	13	232
Missouri, St. Louis (city)	515	428	83.1	23	54
Missouri, St. Louis (Co.)	243	227	93.4	14	62
Nebraska State	171	158	92.4	4	25
North Dakota State	19	19	100.0	2	105
South Dakota State .....	..	..	..	..	..
Total Region VI	3,033	2,205	72.7	115	52
REGION VII					
Arkansas State	626	478	76.4	144	301
Louisiana State	311	234	75.2	17	73
New Mexico State	16	15	93.8	2	133
Oklahoma State	194	151	77.8	14	93
Texas State	480	359	74.8	25	70
Texas, Houston	339	328	96.8	170	518
Texas, San Antonio	266	254	95.5	35	138
Total Region VII	2,232	1,819	81.5	407	224
REGION VIII					
Colorado State	113	109	96.5	1	9
Colorado, Denver	281	252	89.7	5	20
Idaho State	144	121	84.0	28	231
Montana State	33	33	100.0	9	273
Utah State	49	33	67.3	2	61
Total Region VIII	620	548	88.4	45	82
REGION IX					
Alaska State	12	11	91.7	2	182
Arizona State	159	153	96.2	8	52
Arizona, Maricopa Co.	43	43	100.0	12	279
Arizona, Pima Co.	17	11	64.7	5	455
California State	6,258	5,625	89.9	139	25
California, San Francisco	1,504	1,504	100.0	31	21
Guam	20	18	90.0	2	111
Hawaii State	1,618	1,534	94.8	51	33
Nevada State	251	107	42.6	3	28
Nevada, Clark Co.	20	18	90.0	0	0
Oregon State	55	48	87.3	8	167
Oregon, Portland	78	72	92.3	22	306
Washington State	996	904	90.8	29	32
Total Region IX	11,031	10,048	91.1	312	31
U. S. Total	33,528	29,232	87.2	2,870	98

TABLE 46.—Tuberculosis Suspects Identified and Disposition Made within Six Months—Suspects Referred for Examination, July 1 to December 31, 1967 (By Region)

Region	Reporting		Total Tuberculosis Suspects Identified and Referred for X-Ray	Disposition - Suspects					
	Programs (a)	Reports Received		Within Six Months				None Made at End of Six Months (c)	
				Diagnosis Established		Other (b)			
				Suspects	Percent	Suspects	Percent	Suspects	Percent
1	5	5	364	298	81.9	23	6.3	43	11.8
2	7	27	4,158	3,414	82.1	41	1.0	703	16.9
3	12	144	2,727	2,250	82.5	89	3.3	388	14.2
4	12	307	4,741	4,275	90.2	197	4.1	269	5.7
5	3	56	4,622	3,915	84.7	110	2.4	597	12.9
6	11	42	3,033	2,064	68.1	141	4.6	828	27.3
7	7	124	2,232	1,658	74.3	161	7.2	413	18.5
8	5	27	620	529	85.3	19	3.1	72	11.6
9	13	95	11,031	9,671	87.7	377	3.4	983	8.9
Total	75	827	33,528	28,074	83.7	1,158	3.5	4,296	12.8

(a) Included are only the 75 programs for which data on suspects were reported by June 30, 1967.

(b) Persons who died of causes other than tuberculosis (318), or moved out of the jurisdiction (840).

(c) None made within 6 months, includes suspects unknown, lost, unable to locate, diagnosis pending, refused supervision, no report received, etc. Any disposition for a suspect after 6 months is counted as "no disposition" for the purpose of this summary.

TABLE 47.—Tuberculosis Suspects with a Satisfactory Disposition Made within Six Months (By Region)

Region	Diagnosis Established								Other "Disposition"		Total Satisfactory Dispositions Made Within Six Months	
	Active TB		Inactive TB		Non-TB Chest Disease		Essentially Negative		Total Suspects With Established Diagnosis	Died of Other Causes		Moved out of Jurisdiction
	Sus-pects	Per-cent	Sus-pects	Per-cent	Sus-pects	Per-cent	Sus-pects	Per-cent				
1	20	6.7	109	36.6	41	13.8	128	42.9	298	2	21	321
2	217	6.4	670	19.6	913	26.7	1,614	47.3	3,414	16	25	3,455
3	425	18.9	242	10.8	666	29.6	917	40.7	2,250	31	58	2,339
4	961	22.5	704	16.5	1,250	29.2	1,360	31.8	4,275	72	125	4,472
5	368	9.4	1,032	26.4	907	23.1	1,608	41.1	3,915	23	87	4,025
6	115	5.6	344	16.7	771	37.3	834	40.4	2,064	29	112	2,205
7	407	24.6	251	15.1	355	21.4	645	38.9	1,658	43	118	1,819
8	45	8.5	200	37.8	119	22.5	165	31.2	529	6	13	548
9	312	3.2	1,630	16.9	2,354	24.3	5,375	55.6	9,671	96	281	10,048
Total	2,870	10.2	5,182	18.5	7,376	26.3	12,646	45.0	28,074	318	840	29,232

NOTE: Percentages based on total for whom diagnosis was established.

TABLE 48.—Active Tuberculosis Cases Among Suspects (By Region)

Region	TB Suspects Referred for X-ray Examination		Active TB Among Suspects With Established Diagnosis	Active TB Cases Found Per 1,000 Suspects	
	Total (a)	Established Diagnosis		Per Total Suspects	Per Suspects With Established Diagnosis
1	364	298	20	54.9	67.1
2	4,158	3,414	217	52.1	63.5
3	2,727	2,250	425	155.8	188.8
4	4,741	4,275	961	202.6	224.7
5	4,622	3,915	368	79.6	93.9
6	3,033	2,064	115	37.9	55.7
7	2,232	1,658	407	182.3	245.4
8	620	529	45	72.5	85.0
9	11,031	9,671	312	28.2	32.2
Total	33,528	28,074	2,870	85.6	102.2

(a) All suspects referred for an X-ray examination, including those for whom either a satisfactory or unsatisfactory disposition was made within six months, ending June 30, 1968.