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REPORTED TUBERCULOSIS DATA 1969

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**REPORTED
TUBERCULOSIS
DATA
1969**

**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
Center for Disease Control
Atlanta, Georgia 30333**

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INTRODUCTION

This report brings together significant facts reported on tuberculosis during the decade of the sixties, and summarizes achievements that have accelerated reduction of the disease in the United States. The first section deals with the year 1969, and progress reflected during this twelve-month period; the second section presents a look at the sixties, and portrays in summary terms the material advances – particularly during the last half of the decade; and the final section provides a series of detailed tables covering States and large cities in the United States.

Definitions

Cases, as the term is used in this report, relates to active tuberculosis cases not previously reported.

Deaths from tuberculosis are identified in the cause-of-death statistics, published by the National Center for Health Statistics. Tabulations by geographic areas are by place of residence.

Rate, either case rate or death rate, is the number per 100,000 population.

Sources of Data

Morbidity: Annual Tuberculosis Reports, HSM 5.1393, were submitted to the Center for Disease Control by each State health department and by health departments of cities with 250,000 or more population. State reports included limited data for all counties within each State and for cities of 100,000 or more population.

Mortality: Official tuberculosis mortality statistics for the United States are compiled by the National Center for Health Statistics. At the time of publication of this report, the latest final death figures available were for the year 1968. Provisional tuberculosis deaths for 1969 were based on the NCHS 10 percent sample.

Tuberculosis Beds in Hospitals: Based on mid-year surveys of institutions by the Tuberculosis Branch (CDC).

Population: State population estimates are from the Bureau of Census, Current Population Reports, Series P-25, No. 430, August 29, 1969. Age, race and sex population estimates for individual States were prepared by the Tuberculosis Branch (CDC), taking into account estimates of the Bureau of the Census and reports of the decennial census enumerations. For cities and counties, population estimates were obtained from various sources, mainly from the respective local or State authorities.

TUBERCULOSIS IN 1969

In 1969 new active tuberculosis was down 8.2 percent, the largest annual decline in ten years. For the first time, the number of new cases reported in the United States dropped below 40,000. The total was 39,120, one-half the number of cases reported in 1955. Table 1 reveals something of what happened during those years.

**NEW ACTIVE TUBERCULOSIS CASES AND DEATHS
UNITED STATES, 1953-1969**

TABLE 1.

Year	New active cases				Tuberculosis deaths			
	Number	Rate	% Change		Number	Rate	% Change	
			Number	Rate			Number	Rate
1953	84,304	53.0	..	..	19,707	12.4	..	..
1954	79,775	49.3	-5.4	- 7.0	16,527	10.2	-16.1	-17.7
1955	77,368	46.9	-3.0	- 4.9	15,016	9.1	- 9.1	-10.8
1956	69,895	41.6	-9.7	-11.3	14,137	8.4	- 5.9	- 7.7
1957	67,149	39.2	-3.9	- 5.8	13,390	7.8	- 5.3	- 7.1
1958	63,534	36.5	-5.4	- 6.9	12,417	7.1	- 7.3	- 9.0
1959	57,535	32.5	-9.4	-11.0	11,474	6.5	- 7.6	- 8.5
1960	55,494	30.8	-3.5	- 5.2	10,866	6.0	- 5.3	- 7.7
1961	53,726	29.4	-3.2	- 4.5	9,938	5.4	- 8.5	-10.0
1962	53,315	28.7	-0.8	- 2.4	9,506	5.1	- 4.3	- 5.6
1963	54,042	28.7	+1.4	0.0	9,311	4.9	- 2.1	- 3.9
1964	50,874	26.6	-5.9	- 7.3	8,303	4.3	-10.8	-12.2
1965	49,016	25.3	-3.7	- 4.9	7,934	4.1	- 4.4	- 4.7
1966	47,767	24.4	-2.5	- 3.6	7,625	3.9	- 3.9	- 4.9
1967	45,647	23.1	-4.4	- 5.3	6,901	3.5	- 9.5	-10.3
1968	42,623	21.3	-6.6	- 7.8	6,292	3.1	- 8.8	-11.4
1969	39,120	19.4	-8.2	- 8.9	5,340*	2.7	-15.1	-12.9

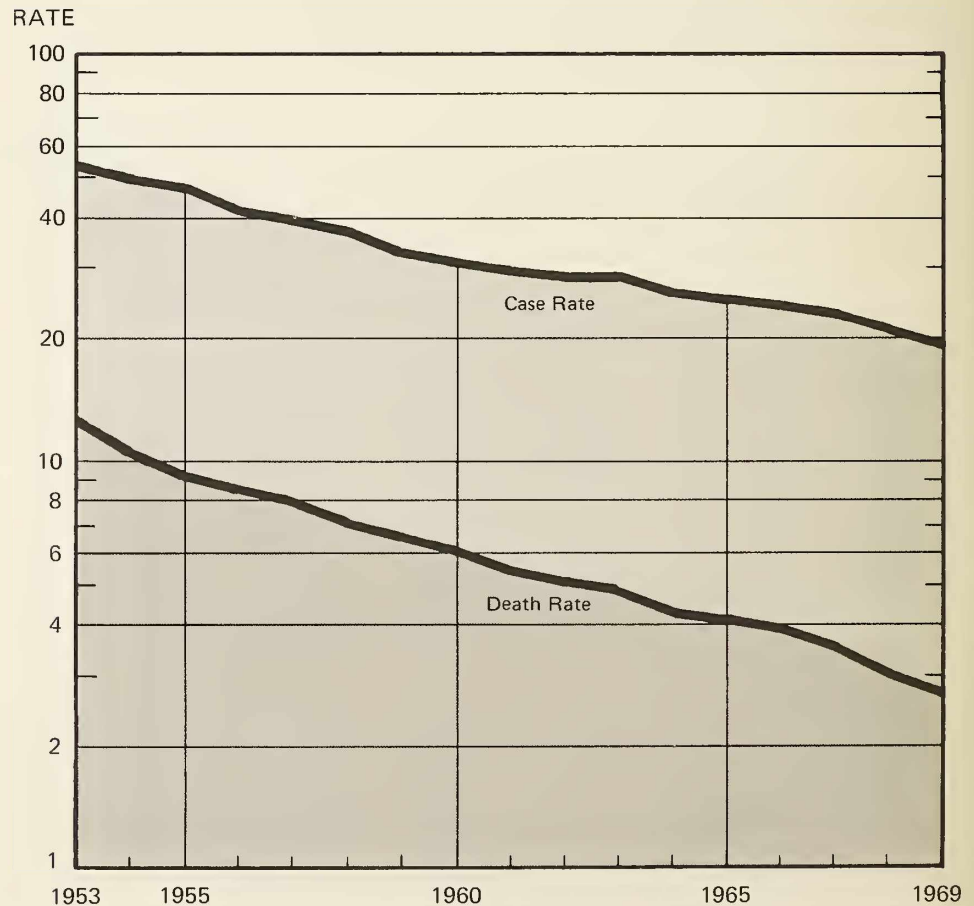
* Provisional. Deaths for 1969 are based on the NCHS ten percent sample.

In the 1950's introduction of chemotherapeutic drugs resulted in fundamental changes in the treatment of active disease. During this period (1953-59) the rate of decline in new active cases averaged 6 percent per year. After the initial impact of chemotherapy, cases began to decrease more slowly, and the rate of decline (1960-66) averaged less than 3 percent a year. Early in 1964 the Public Health Service embarked on a program of expanded services to reduce incidence of tuberculosis and to curb infection. In 1967 – after the first three years of the expanded program – the benefits began to show. The years 1968 and 1969 reflect the accrued benefits of this effort.

Case rates decreased steadily from 1953 through 1959, leveled off during the early sixties, and late in the decade began a pronounced downward turn. Reduction in death rates has been substantial and unbroken throughout this seventeen-year period. Although final death data are not available for 1969, provisional figures, based on the NCHS ten percent sample, indicate the largest reduction in many years.

FIGURE 1.

**CASE RATE AND DEATH RATE
UNITED STATES, 1953 TO 1969**



Long established trends on distribution of new cases remain unchanged in 1969. Pulmonary tuberculosis still accounts for 9 out of 10 new cases reported; cases for males continue to be double those for females; adults contribute over 80 percent of all new cases; and tuberculosis among whites is a large but decreasing proportion of the total.

**NEW ACTIVE CASES
FORM AND EXTENT OF DISEASE – UNITED STATES, 1969**

TABLE 2.

Form and Extent	New Active Cases	
	Number	Percent
Pulmonary		
Minimal	6,116	20.1
Moderately advanced	13,128	43.3
Far advanced	<u>11,095</u>	<u>36.6</u>
Sub-total	30,339	<u>100.0</u>
Primary	3,197	
Extent not stated	<u>1,652</u>	
Total pulmonary	35,188	89.9
Nonpulmonary	3,621	9.3
Form not stated	<u>311</u>	<u>0.8</u>
All cases	<u>39,120</u>	<u>100.0</u>

**CASES FOR WHITE AND OTHER RACES
MALES AND FEMALES BY AGE – UNITED STATES, 1969**

TABLE 3.

Age	Total	White			Other		
		Total	Male	Female	Total	Male	Female
All ages	39,120	24,298	16,525	7,773	14,822	9,452	5,370
0 – 4	1,685	904	462	442	781	411	370
5 – 14	1,910	942	492	450	968	455	513
15 – 24	3,500	2,004	1,087	917	1,496	735	761
25 – 44	10,637	5,637	3,578	2,059	5,000	3,150	1,850
45 – 64	13,468	8,879	6,788	2,091	4,589	3,322	1,267
65+	7,920	5,932	4,118	1,814	1,988	1,379	609

Note: Cases for which age, race, or sex were not reported were distributed proportionately.

From 1968 to 1969 the decrease in new cases was 8.2 percent. As stated earlier, this was the largest annual decline in ten years. Even more important is the fact that this reduction was reflected among all groups of the population. Broken down by age, the largest percent change was for children under age 15; the smallest for young adults, age 15 through 24. Significant reductions were registered in each race group for both males and females. The smallest decrease, only 5 percent, was for males of races other than white.

Under 5 years	-14%	White Males	- 9%
5-14 years	-17%	White Females	-10%
15-24 years	- 5%		
25-44 years	- 7%		
45-64 years	- 7%	Males, Other Races	- 5%
65 and over	- 9%	Females, Other Races	- 9%

In the United States the case rate for 1969 was 19.4 – down 8.9 percent from the year before. Sizable reductions occurred at all ages, and for both males and females within each race group. Case rates for whites were much lower than for other races. This was true for both children and adults.

**TABLE 4. CASE RATES FOR WHITE AND OTHER RACES
MALES AND FEMALES BY AGE – UNITED STATES, 1969**

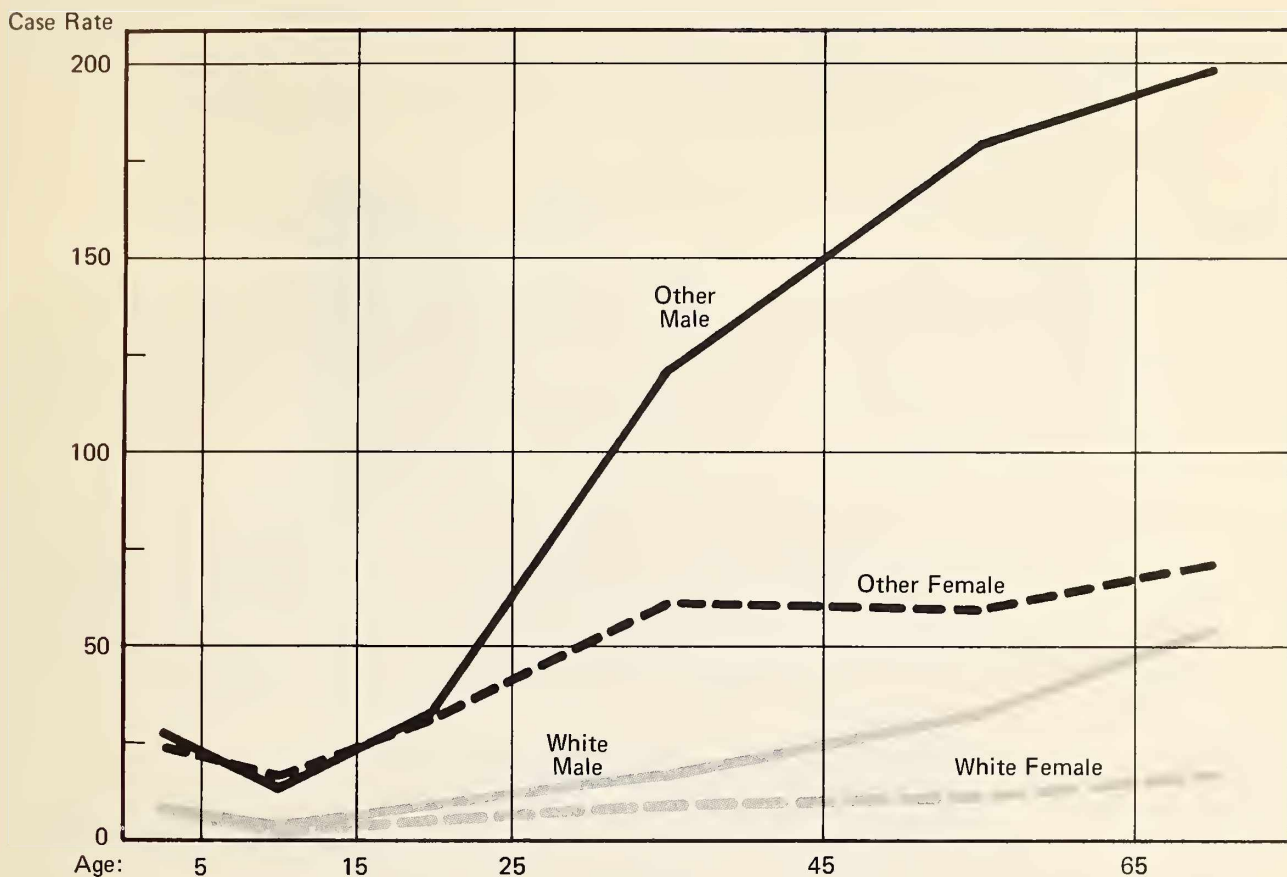
Age	Total	White			Other		
		Total	Male	Female	Total	Male	Female
All Ages	19.4	13.7	19.1	8.6	59.7	79.0	41.7
0 – 4	9.4	6.1	6.1	6.1	25.3	26.4	24.2
5 – 14	4.6	2.7	2.7	2.6	15.6	14.7	16.6
15 – 24	10.2	6.7	7.4	6.1	33.2	33.5	32.9
25 – 44	22.4	13.4	17.3	9.7	90.3	122.9	62.2
45 – 64	32.6	23.7	37.8	10.8	115.5	178.9	59.9
65+	40.7	33.1	54.2	17.6	128.5	199.0	71.3

Roughly, one-half of the population of the United States is under the age of 25. Forty-five percent of the white population and fifty-five percent of other races fall in this younger group. The difference in tuberculosis case rates above and below age twenty-five may be compared in Figure 2.

This chart also brings into focus the higher rates for men in the older age group. The tuberculosis case rate for whites under the age of 25 was 4.8; for other races 23.5 – five times that for the whites. In the group age 25 and over, the case rate for whites was 21.0; for other races 104.7 – again five times the rate for whites.

**CASE RATES FOR WHITE AND OTHER RACES
MALES AND FEMALES BY AGE – UNITED STATES, 1969**

FIGURE 2.



Although 1969 death data are not available at this time, the pattern for the last five years shows little change. In 1968, persons over 45 years of age accounted for 87 percent of all tuberculosis deaths. Only 2 percent were under age 25. The death rate for whites was one-third that of other races.

**TUBERCULOSIS DEATHS FOR WHITE AND OTHER RACES
MALES AND FEMALES BY AGE – UNITED STATES, 1968**

TABLE 5.

Age	Total	White			Other		
		Total	Male	Female	Total	Male	Female
All ages*	6,292	4,373	3,168	1,205	1,919	1,334	585
0 – 4	56	31	19	12	25	16	9
5 – 14	20	11	7	4	9	7	2
15 – 24	61	26	15	11	35	16	19
25 – 44	705	260	157	103	445	271	174
45 – 64	2,446	1,669	1,244	425	777	570	207
65+	2,999	2,375	1,725	650	624	450	174

*Totals include 1 death in white males and 4 deaths in other males with age not stated.

TABLE 6.

**TUBERCULOSIS DEATH RATES FOR WHITE AND OTHER RACES
MALES AND FEMALES BY AGE – UNITED STATES, 1968**

Age	Total	White			Other		
		Total	Male	Female	Total	Male	Female
All ages	3.1	2.5	3.7	1.3	7.9	11.4	4.6
0 – 4	0.3	0.2	0.2	0.2	0.8	1.0	0.6
5 – 14	*	*	*	*	0.1	0.2	0.1
15 – 24	0.2	0.1	0.1	0.1	0.8	0.8	0.9
25 – 44	1.5	0.6	0.8	0.5	8.2	10.8	5.9
45 – 64	6.0	4.5	7.0	2.2	19.9	31.0	10.0
65+	15.7	13.5	22.9	6.4	41.4	66.7	20.9

* Less than 0.05.

Tuberculosis is a serious public health problem in the most populous areas. One-third of the nation's population is compressed into just 60 counties. Located in these counties are three-fourths of all large cities. Almost one-half (47%) of the new active tuberculosis reported in 1969 was from these areas. Figure 4 shows the location of these counties.

TABLE 7.

**RANGE IN NUMBER OF CASES BY COUNTY
UNITED STATES, 1969**

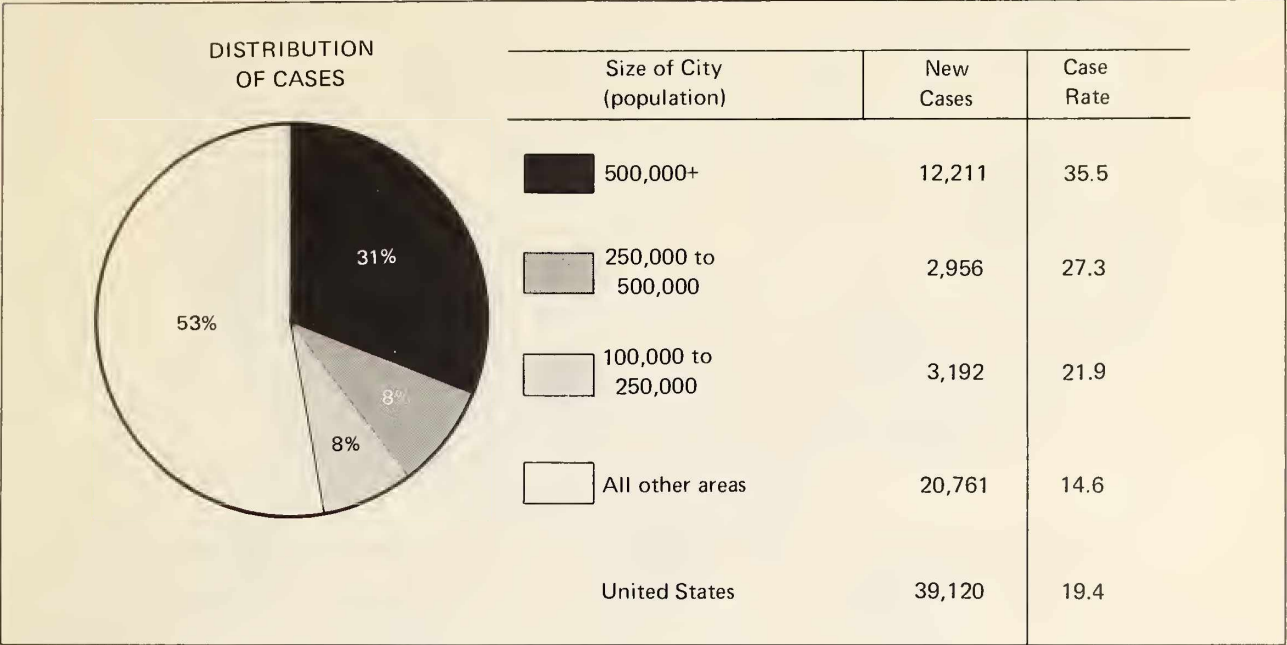
Range of Cases	Population		Counties		Cases		Case Rate
	Number	%	Number	%	Number	%	
0	7,022,000	3.5	708	23.0	0	0.0	0.0
1 – 9	47,771,000	23.7	1,774	57.5	6,081	15.7	12.7
10 – 99	79,873,000	39.5	541	17.5	14,418	37.3	18.1
100 – 499	41,566,000	20.6	51	1.7	9,693	25.1	23.3
500+	25,689,000	12.7	9	0.3	8,470	21.9	33.0
TOTAL	201,921,000	100.0	3,083	100.0	39,120*	100.0	19.4

*Total includes 458 cases in general administrative areas not assigned to individual counties.

Tuberculosis is also a problem in less populated areas. There are hundreds of smaller counties throughout the country with high case rates. Average case rates for the last three years are shown by county in Figure 5. For this same period, 1967-1969, the United States rate averaged about 20 cases per 100,000 persons. High rate counties, without regard to population, tend to cluster. In the center of these clusters are found most of the 279 counties with a case rate of 40 or more – double the national average. Surrounding these counties are many of the additional 761 counties with rates above the national average. These areas represent pockets of high incidence.

**CASES IN LARGE CITIES
UNITED STATES, 1969**

FIGURE 3.



**CASES BY COUNTY
1969**

FIGURE 4.

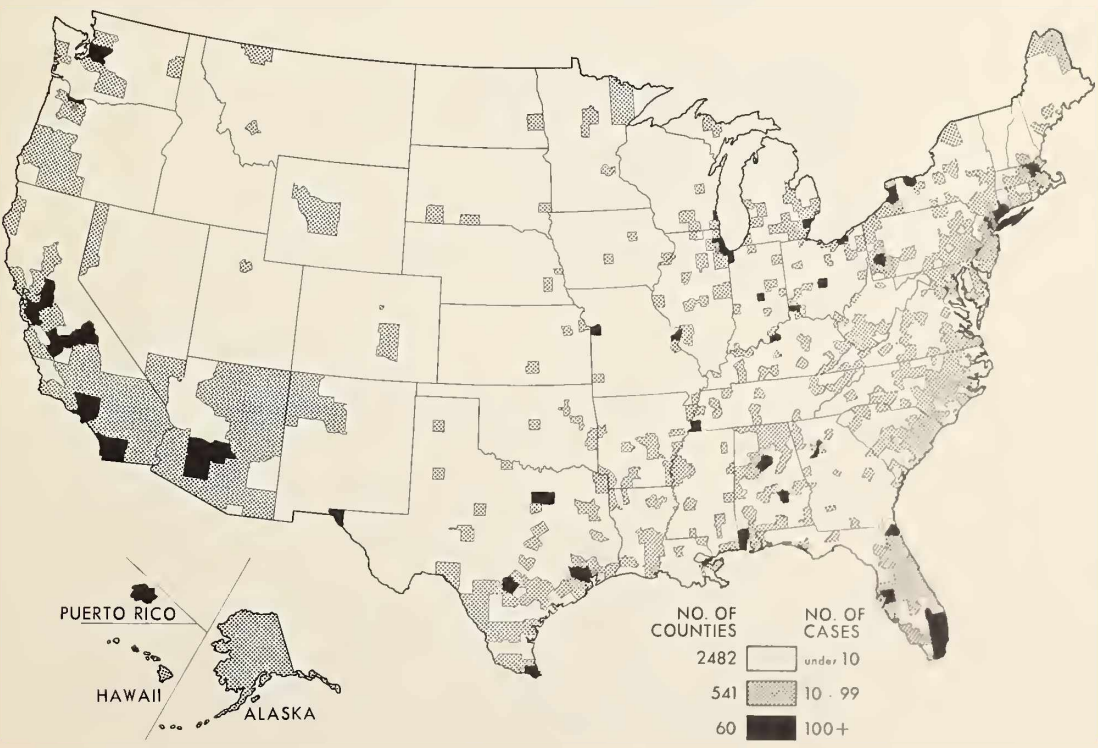
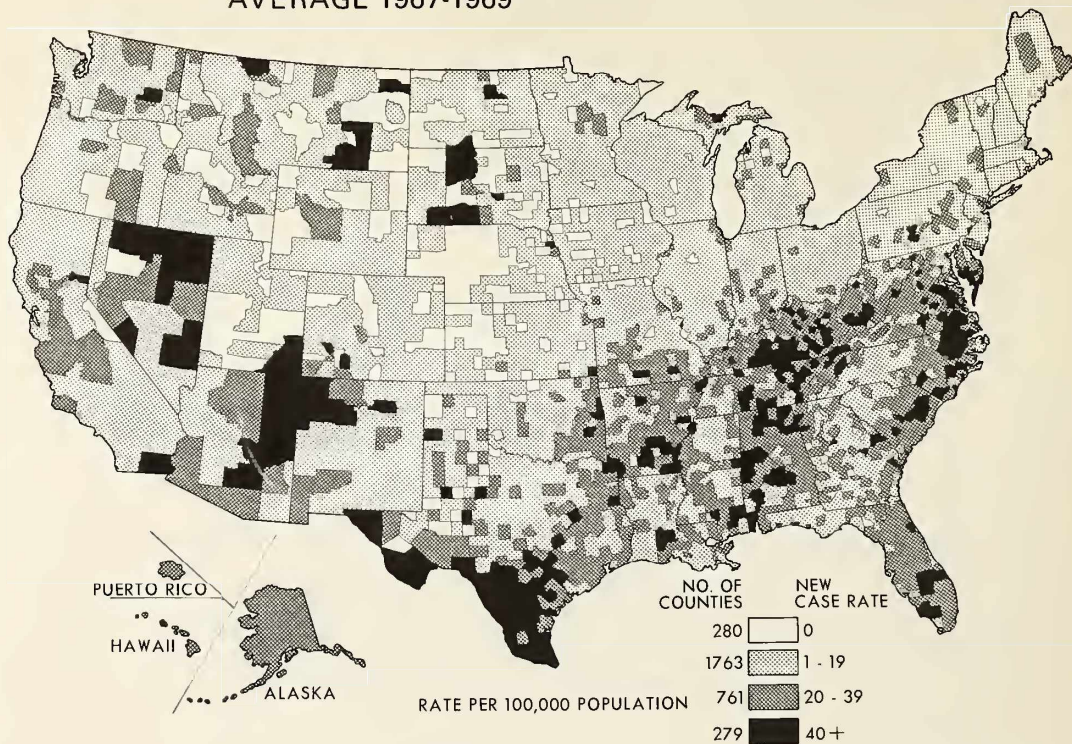


FIGURE 5.

CASE RATES BY COUNTY
AVERAGE 1967-1969



On December 31, 1969 there were an estimated 295,000 cases on tuberculosis registers throughout the country. Only 60,000 of these cases were classified as active. The proportion of active cases in hospitals continues to decrease. At the end of 1969, 39,000 persons, 65 percent of all active cases on the registers, were being treated on an ambulatory basis outside a hospital. Table 8 shows the number of persons under current drug therapy, including preventive treatment, on December 31, 1969. A total of 141,000 persons, 48 percent of all cases on the registers, were being treated with one or more antituberculosis drugs.

TABLE 8.

TUBERCULOSIS REGISTERS
STATUS OF CASES*, DEC. 31, 1969 – UNITED STATES

Type of Case	Tuberculosis Cases	Current Drug Therapy	
		Number	%
Hospitalized active	21,000	21,000	100
Unhospitalized active	<u>39,000</u>	<u>28,000</u>	<u>72</u>
Active disease cases	60,000	49,000	82
All other cases	<u>235,000</u>	<u>92,000</u>	<u>39</u>
Total cases on registers	295,000	141,000	48

* Includes estimates for non-reporting areas.

A LOOK AT THE SIXTIES

The 1960's represent a decade of change and of progress. A number of trends are visible: incidence is lower; prevalence is lower; and utilization of hospital beds is lower. Individually, or in combination, these achievements signify progress.

Throughout the years, standards for the reporting of tuberculosis cases have undergone change – and this decade was no exception. In 1961 the definition of a tuberculosis case was amended to include active primary tuberculosis, and to report it separately from other forms of tuberculosis. This change was reflected for the first time in cases reported for the year 1962.

In the first part of this decade, the number of cases occurring each year began to reduce slowly. In 1963 specific measures were recommended to give added support for tuberculosis control over a period of ten years. In addition to treatment of patients with active disease and continued surveillance of those with inactive disease, emphasis was placed on finding and treating persons at risk of developing tuberculosis. The first steps to carry out increased tuberculosis activities were taken in 1964. Progress could not be measured immediately.

In 1959 new cases of tuberculosis numbered 57,535; in 1969 only 39,120. Incidence of new disease dropped 18,000 in ten years. This reduction was not distributed evenly throughout the period. On the contrary, two-thirds of it occurred during the last five years. Table 9 compares the two five-year periods which make up this decade.

At the end of the first five years, incidence of new disease was down 11.6%. The rate of decline doubled during the last five years with a reduction of 23.1%. For a substantial decrease in cases to occur, incidence of disease must be reduced among adults. For many years, they have

TABLE 9.

NEW CASES OF TUBERCULOSIS, BY AGE
COMPARISON OF CHANGE FROM 1959 TO 1969 – UNITED STATES

Year	All Ages	Under 15	15-24	25-44	45-64	65+
1959	57,535	4,322	5,281	18,364	19,063	10,505
1960	55,494	4,388	4,950	17,217	18,470	10,469
1961	53,726	4,886	4,596	16,240	17,737	10,267
1962	53,315	6,036	4,806	15,522	17,182	9,769
1963	54,042	6,485	4,733	15,097	17,496	10,231
1964	50,874	6,096	4,538	14,282	16,434	9,524
1965	49,016	5,890	4,549	13,500	15,721	9,356
1966	47,767	5,628	4,193	13,000	15,650	9,296
1967	45,647	5,041	4,315	12,517	14,996	8,778
1968	42,623	4,257	3,677	11,485	14,478	8,726
1969	39,120	3,595	3,500	10,637	13,468	7,920
Percent change						
First 5 Years	-11.6	+41.0	-14.1	-22.2	-13.8	-9.3
Last 5 Years	-23.1	-41.0	-22.9	-25.5	-18.0	-16.8

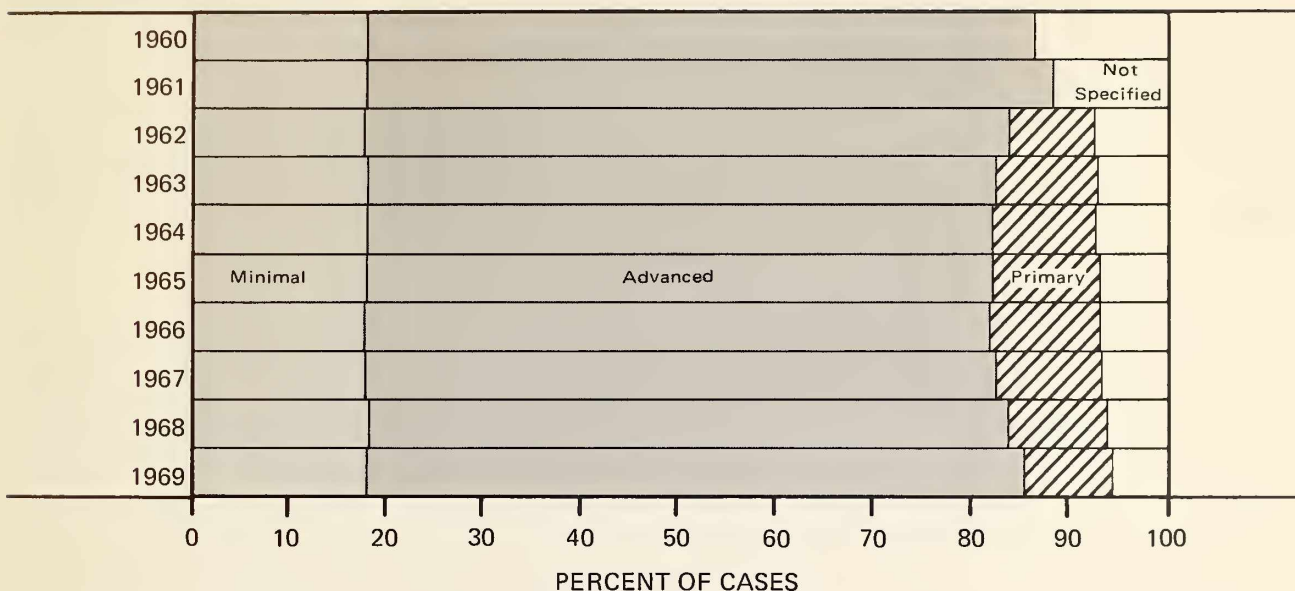
contributed 4 out of 5 new cases reported. During the last five years, new active tuberculosis declined 20% among persons 25 years of age and older. This compares favorably with the reduction of 22.9% in the 15-24 age group.

In contrast, for children under 15 years of age there was a 41% increase in the first period with a compensating decrease in the last five years. This group contributes only a small part of the total new case burden. Since the number of cases among children is not large, minor fluctuations may result in sizable rates of change. Reporting of primary cases had a marked impact on this age group. New cases jumped 33% in two years, 1962-1963, and remained at a high level for several years. In the last three years there has been a substantial lowering of new cases. Specific control and preventive procedures directed toward the school population appear to have been effective.

Primary tuberculosis cases were classified as a separate category for the first time in 1962. Over 4,400 cases were reported that year. The extent to which such cases were reported prior to 1962 can not be determined. However, Figure 6 offers some evidence that a number of primary cases were reported and classified as "Extent Not Specified". Beginning in 1962 there was an immediate reduction in that classification.

PULMONARY TUBERCULOSIS
PROPORTION OF CASES BY FORM AND EXTENT
UNITED STATES, 1960 TO 1969

FIGURE 6.



During the sixties, there was a sizable decrease in new disease among males and females of all races. Table 10 presents a comparison of the two five-year periods making up this decade.

NEW CASES OF TUBERCULOSIS, BY RACE AND SEX
COMPARISON OF CHANGE FROM 1959 TO 1969 – UNITED STATES

TABLE 10.

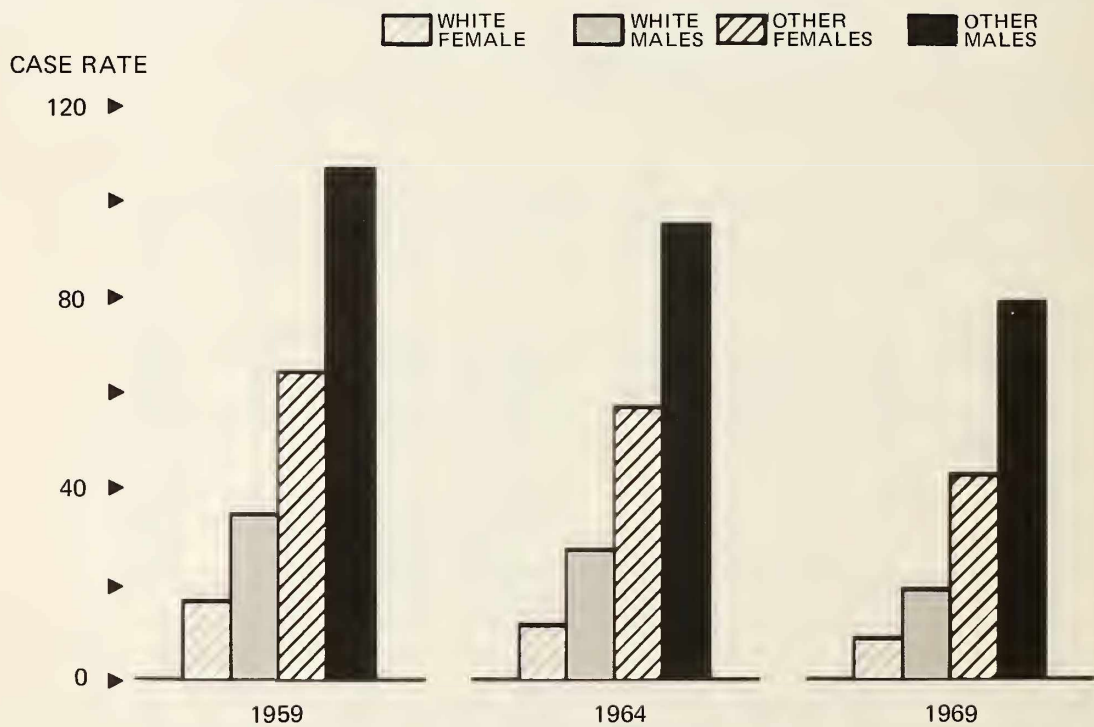
Year	All Persons	White			Other		
		Total	Male	Female	Total	Male	Female
1959	57,535	40,406	27,363	13,043	17,129	10,489	6,640
1960	55,494	38,895	26,396	12,499	16,599	10,285	6,314
1961	53,726	37,096	25,139	11,957	16,630	10,265	6,365
1962	53,315	36,012	24,325	11,687	17,303	10,526	6,777
1963	54,042	36,048	24,160	11,888	17,994	11,083	6,911
1964	50,874	33,611	22,623	10,988	17,263	10,596	6,667
1965	49,016	31,724	21,455	10,269	17,292	10,595	6,697
1966	47,767	30,887	20,751	10,136	16,880	10,505	6,375
1967	45,647	28,846	19,400	9,446	16,801	10,614	6,187
1968	42,623	26,770	18,164	8,606	15,853	9,942	5,911
1969	39,120	24,298	16,525	7,773	14,822	9,452	5,370
Percent change							
First 5 Years	-11.6	-16.8	-17.3	-15.8	+ 0.8	+ 1.0	+ 0.4
Last 5 Years	-23.1	-27.7	-27.0	-29.3	-14.1	-10.8	-19.5

At the end of the first five years, incidence of new disease among whites was down 16.8%. The rate of decline accelerated to 27.7% during the last five years. Similar reductions were reflected for both males and females. Over the full ten-year period, new disease for white males and for white females dropped 40%.

By contrast, incidence of new disease among other races was down only 13% during the same ten-year period. Progress has been slow, but evident. The entire decrease in new cases among other races was recorded during the last five years. Tuberculosis control efforts during the earlier period apparently did not reach this group.

During this ten-year period, there has been a continual increase in population. For the white population the increase was 12½%, for other races, 25%. The same number of cases, drawn from a larger population, results in lower case rates. A part of the reduction in case rates during this decade can be attributed to the increasing population – particularly other races. Figure 7 shows case rates at the beginning of the decade, at the mid-point, and at the end.

FIGURE 7. CASE RATES FOR MALES AND FEMALES, BY RACE UNITED STATES, 1959–1969



The case rate for new active disease has decreased in each population group. In 1969 case rates for whites, both male and female, were about one-half of what they were ten years ago. Case rates for other races have not

fallen as fast. However, during the last five years, reduced incidence of disease in combination with population growth has resulted in substantial progress. Case rates for males are about double those for females. This relationship has remained fairly constant throughout the ten-year period. Case rates for other races are consistently higher than those for whites. The difference in case rates between the races continues to widen. In 1969 the rate for other races was 4.3 times that for whites, whereas in 1959, ten years earlier, the ratio was only 3.3. During the intervening years this ratio has crept steadily upward, and will continue to rise unless greater control of new disease among other races can be achieved.

Case rates by states present a rapidly changing picture. A comparison of 1969 rates with those of ten years ago is given in Figure 8. The most dramatic decrease, by far, was recorded in the State of Alaska. Special efforts, which began during the 1950's, were stimulated by additional resources made available in 1964. The effectiveness of added support during the past five years has been reflected in other states as well. In 1969 the new case rate for the United States was 19.4, down 40% from the rate of 32.5 in 1959. This reduction was exceeded in twenty-eight states. In only eight states was the reduction in case rates over the ten-year span less than 25%.

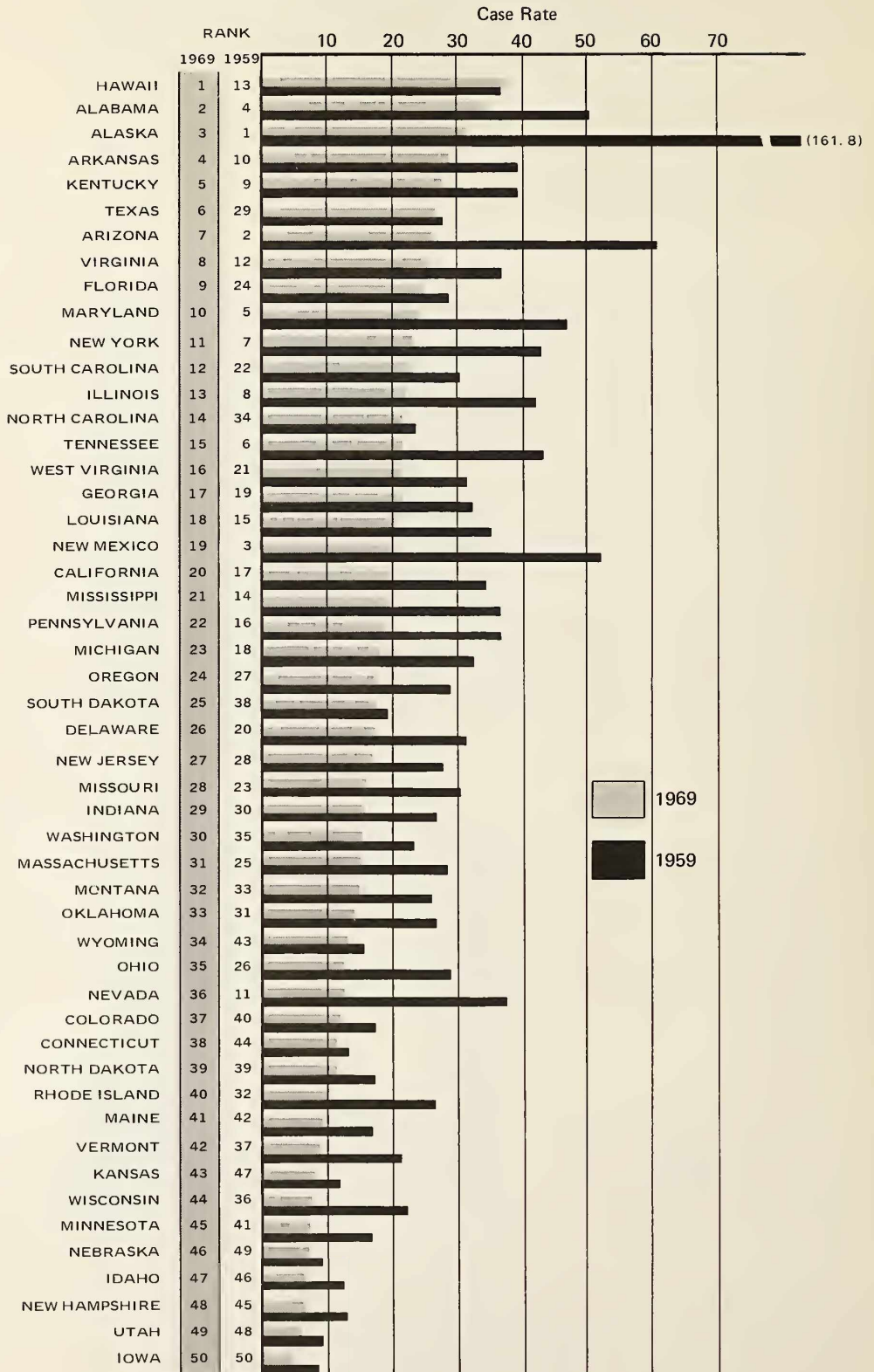
There were 295,000 cases on tuberculosis registers at the end of 1969 — very little change from the 330,000 figure in 1960. However, tuberculosis registers were undergoing significant internal change during this period. The number of active cases on registers decreased 50% — from 120,000 cases in 1960 to 60,000 in 1969. In contrast, all other cases on the register increased 12%.

During the ten-year period there was a substantial decrease in both hospitalized and unhospitalized active cases on registers. The number of active cases in hospitals decreased 64%. The pattern of reduction in hospitalized cases was consistent throughout the period. On the other hand, the number of active cases outside hospitals remained fairly constant from 1960 through 1964. The entire decrease of 37% occurred during the last five years. (Table 11)

The tuberculosis registers reflect changes brought about by a combination of forces: lower tuberculosis incidence; shorter hospital stay; expanded clinic facilities; closer supervision of inactive cases; and greater use of preventive treatment for persons at risk of developing disease. Figure 9 represents the combined effect of these changes. For the first five or six years there was a gradual shift of active cases from hospitalized to unhospitalized. Beginning in 1966 active cases on registers, both in and out of hospitals, began to decrease sharply with an attendant increase in other cases on registers. Apparently, active cases are being converted to inactive status more rapidly. This trend has continued for the last three years.

FIGURE 8.

STATES RANKED BY CASE RATE
UNITED STATES, 1969 AND 1959



TUBERCULOSIS REGISTERS

TABLE 11.

STATUS OF CASES*, AS OF DECEMBER 31 – UNITED STATES, 1960-1969

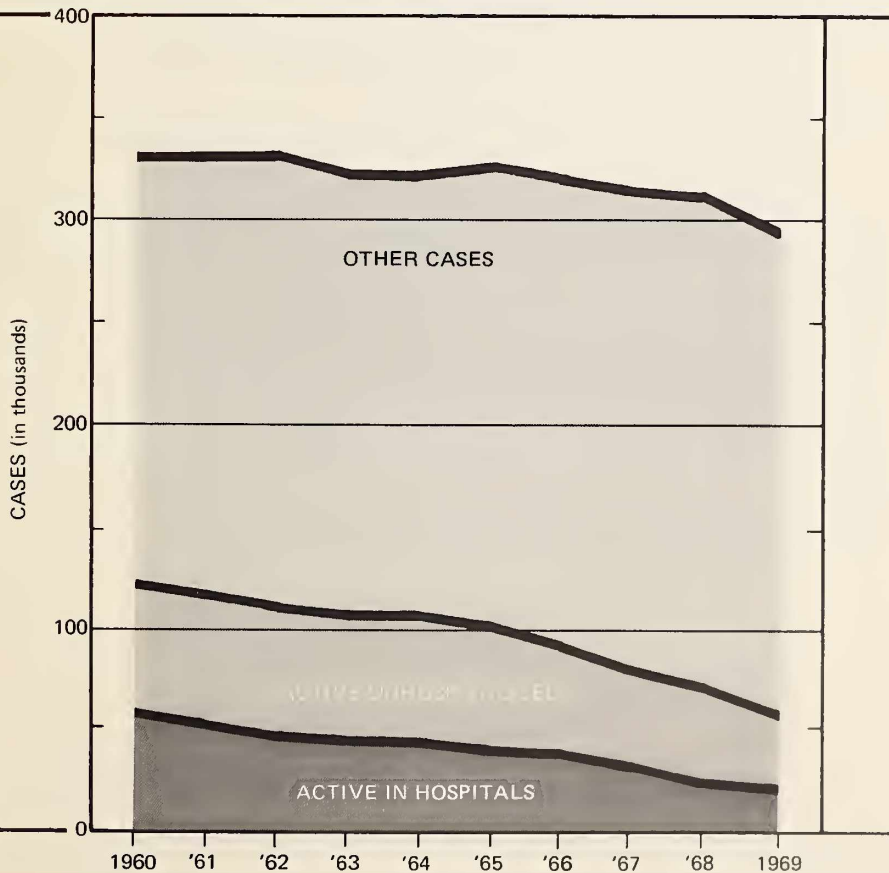
Year	Total cases on registers	Active disease cases			All Other cases
		Total	Hospitalized	Unhospitalized	
1960	330,000	120,000	58,000	62,000	210,000
1961	330,000	115,000	52,000	63,000	215,000
1962	330,000	110,000	46,000	64,000	220,000
1963	320,000	105,000	44,000	61,000	215,000
1964	320,000	105,000	42,000	63,000	215,000
1965	325,000	100,000	40,000	60,000	225,000
1966	320,000	90,000	37,000	53,000	230,000
1967	315,000	77,000	32,000	45,000	238,000
1968	310,000	70,000	25,000	45,000	240,000
1969	295,000	60,000	21,000	39,000	235,000
Ten-year Change	-35,000 -11%	-60,000 -50%	-37,000 -64%	-23,000 -37%	+25,000 +12%

* Includes estimates for non-reporting areas.

TUBERCULOSIS REGISTERS

FIGURE 9.

CASES BY TYPE – UNITED STATES, 1960 TO 1969



Surveys of hospital resources for the care of tuberculosis patients have been conducted biennially from 1961 through 1969. These were eventful years – treatment of tuberculosis in hospitals registered an unprecedented decline. A survey in June of 1970 reinforces this finding. Table 12 summarizes the results of these surveys. From 1961 to 1970 average bed occupancy was down 64%. Decline in incidence of tuberculosis during this period contributed toward reducing hospital requirements, but could account for only a part of the change. A decrease in hospital beds would have occurred even if the number of new cases each year had remained unchanged.

**TABLE 12. HOSPITALS WITH TUBERCULOSIS BEDS
UNITED STATES, 1961-1970**

Year	Total			Non-Federal*			Federal		
	Number of Hospitals	Beds Occupied		Number of Hospitals	Beds Occupied		Number of Hospitals	Beds Occupied	
		Number	Annual % Change		Number	Annual % Change		Number	Annual % Change
1961	432	48,856	..	345	40,820	..	87	8,036	..
1963	409	43,086	- 5.9	314	36,084	- 5.8	95	7,002	- 6.4
1965	387	36,619	- 7.5	297	30,798	- 7.3	90	5,821	- 8.4
1967	348	30,028	- 9.0	267	25,172	- 9.1	81	4,856	- 8.3
1969	296	20,896	-15.2	221	17,373	-15.5	75	3,523	-13.7
1970	280	17,714	-15.2	206	14,827	-14.7	74	2,887	-18.1

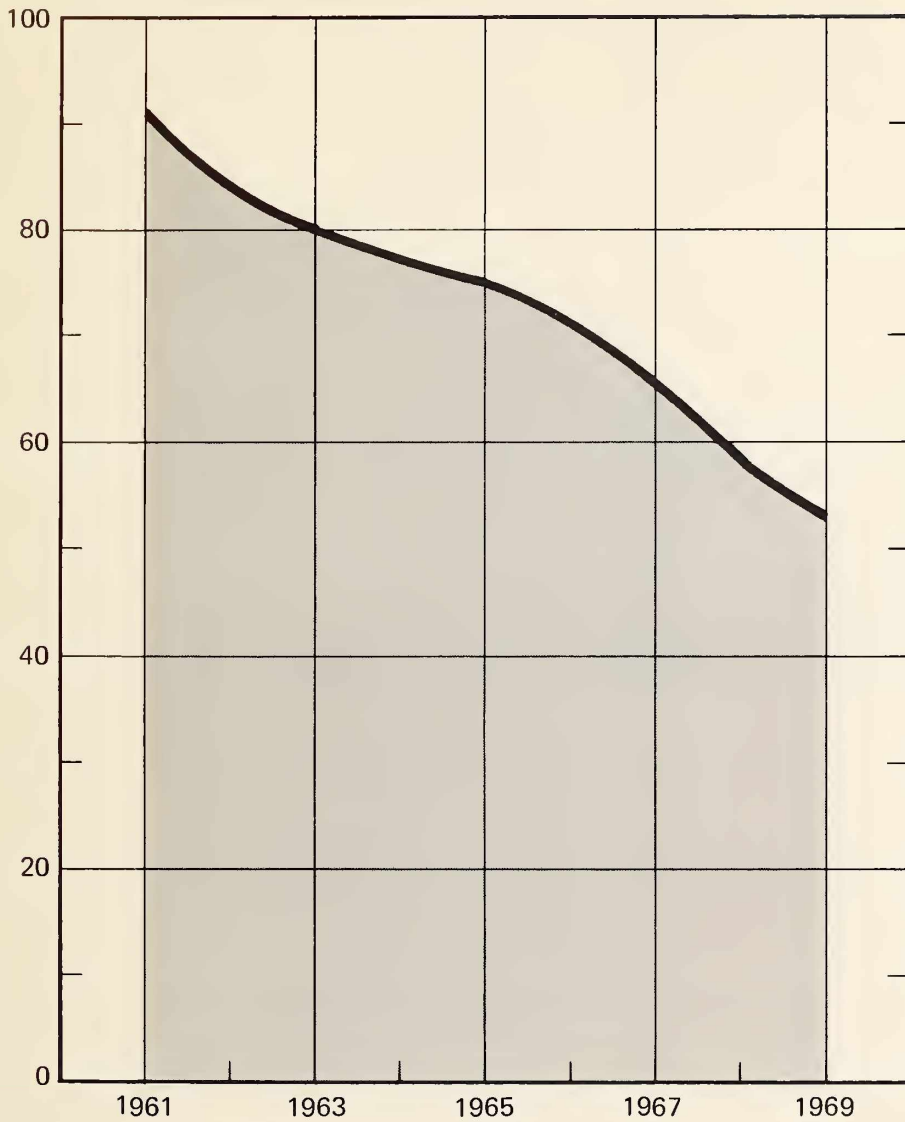
* Includes only hospitals with 10 or more tuberculosis beds.

Figure 10 shows the ratio of average bed occupancy each year to new active cases reported during that year. In effect, the influence of changing incidence levels during these years has been eliminated. In 1961 average bed occupancy was 91 per 100 new active cases; in 1965 only 75. By 1969 this ratio had dropped to 53 beds per 100 new active cases. Improved treatment of active disease has resulted in a shorter hospital stay, which each year becomes increasingly shorter. Earlier discharge of hospital patients has transferred the burden for continuing treatment of tuberculosis to health clinics. In recent years, these clinics have been better staffed and equipped to provide medical services to an increasing number of people.

TUBERCULOSIS HOSPITAL BEDS
NUMBER OCCUPIED* PER 100 NEW ACTIVE CASES
UNITED STATES, 1961 TO 1969

FIGURE 10.

Beds per 100 cases



*TB beds occupied on June 30 from CDC biennial survey of institutions.

**The following tables provide details
for states and cities
on
tuberculosis cases for 1969;
tuberculosis deaths for 1968;
and hospital facilities for 1970.**

TABLE 13
New active tuberculosis cases and case rates: each State, 1968 and 1969

State	New active cases		Case rate per 100,000 population		Rank according to rate		Population July 1, 1969
	1968	1969	1968	1969	1968	1969	
	United States	42,623	39,120	21.3	19.4	..		..	201,921,000
Alabama	1,338	1,203	37.5	34.1	3	2	3,531,000
Alaska	112	89	40.4	31.6	1	3	282,000
Arizona	472	452	28.3	26.7	8	7	1,693,000
Arkansas	563	577	28.0	28.9	9	4	1,995,000
California	3,838	3,804	20.0	19.6	24	20	19,443,000
Colorado	230 *	251	11.2	12.0	38	37	2,100,000
Connecticut	374	346	12.6	11.5	37	38	3,000,000
Delaware	88	94	16.5	17.4	31	26	540,000
District of Columbia	432	380	53.4	47.6	..	..	798,000
Florida	1,620	1,572	26.3	24.7	11	9	6,354,000
Georgia	1,074	983	23.4	21.2	19	17	4,641,000
Hawaii	300	302	38.6	38.0	2	1	794,000
Idaho	63	49	8.9	6.8	42	47	718,000
Illinois	2,805	2,478	25.6	22.4	14	13	11,047,000
Indiana	1,036	821	20.4	16.0	20	29	5,118,000
Iowa	116	128	4.2	4.6	50	50	2,781,000
Kansas	224	185	9.7	8.0	40	43	2,321,000
Kentucky	1,002	906	31.0	28.0	5	5	3,232,000
Louisiana	963	755	25.8	20.2	13	18	3,745,000
Maine	92	92	9.4	9.4	41	41	978,000
Maryland	1,094	912	29.1	24.2	7	10	3,765,000
Massachusetts	905	802	16.6	14.7	30	31	5,467,000
Michigan	1,785	1,577	20.4	18.0	21	23	8,766,000
Minnesota	300	280	8.2	7.6	43	45	3,700,000
Mississippi	558	457	23.8	19.4	17	21	2,360,000
Missouri	801	750	17.3	16.1	27	28	4,651,000
Montana	101	101	14.6	14.6	33	32	694,000
Nebraska	117	102	8.1	7.0	44	46	1,449,000
Nevada	91	57	20.1	12.5	23	36	457,000
New Hampshire	45	48	6.4	6.7	49	48	717,000
New Jersey	1,297	1,232	18.3	17.2	26	27	7,148,000
New Mexico	193	198	19.0	19.9	25	19	994,000
New York	4,699	4,335	25.9	23.7	12	11	18,321,000
North Carolina	1,207	1,157	23.5	22.2	18	14	5,205,000
North Dakota	45	68	7.2	11.1	47	39	615,000
Ohio	1,376	1,365	13.0	12.7	36	35	10,740,000
Oklahoma	428	363	17.0	14.1	29	33	2,568,000
Oregon	290	357	14.4	17.6	34	24	2,032,000
Pennsylvania	2,378	2,233	20.3	18.9	22	22	11,803,000
Rhode Island	121	91	13.3	10.0	35	40	911,000
South Carolina	651	630	24.2	23.4	16	12	2,692,000
South Dakota	108	115	16.4	17.5	32	25	659,000
Tennessee	1,073	860	27.0	21.6	10	15	3,985,000
Texas	3,216	2,988	29.3	26.7	6	6	11,187,000
Utah	74	62	7.2	5.9	48	49	1,045,000
Vermont	31	38	7.3	8.7	46	42	439,000
Virginia	1,441	1,186	31.3	25.4	4	8	4,669,000
Washington	566	525	17.3	15.4	28	30	3,402,000
West Virginia	455	390	25.2	21.4	15	16	1,819,000
Wisconsin	411	332	9.8	7.8	39	44	4,233,000
Wyoming	24	42	7.6	13.1	45	34	320,000
Puerto Rico**	1,044	883	38.3	32.1	..	..	2,754,000

* Excludes 95 military cases.

** Not included in totals.

Note: District of Columbia is classed as a city, and is not ranked with the States.

TABLE 14

New active tuberculosis cases by race and sex: each State, 1969

State	Total	White			Other			Race or Sex Not Stated
		Total	Male	Female	Total	Male	Female	
United States	39,120*	23,004	15,654	7,350	13,980	8,909	5,071	904
Alabama	1,203	508	353	155	695	421	274	0
Alaska	89	15	12	3	74	38	36	0
Arizona	452	249	177	72	203	121	82	0
Arkansas	577	347	254	93	222	133	89	8
California	3,804	2,820	1,882	938	911	594	317	73
Colorado	251	192	132	60	57	42	15	2
Connecticut	346	239	160	79	93	57	36	14
Delaware	94	50	37	13	41	22	19	3
District of Columbia	380	57	38	19	293	183	110	30
Florida	1,572	825	595	230	742	540	202	5
Georgia	983	478	372	106	505	343	162	0
Hawaii	302	20	12	8	282	164	118	0
Idaho	49	39	33	6	10	7	3	0
Illinois	2,478	1,423	1,039	384	1,000	637	363	55
Indiana	821	604	385	219	217	132	85	0
Iowa	128	112	72	40	14	10	4	2
Kansas	185	141	94	47	40	19	21	4
Kentucky	906	787	510	277	105	70	35	14
Louisiana	755	346	259	87	404	262	142	5
Maine	92	91	57	34	1	0	1	0
Maryland	912	454	332	122	458	304	154	0
Massachusetts	802	654	439	215	148	91	57	0
Michigan	1,577	882	595	287	608	394	214	87
Minnesota	280	238	167	71	42	23	19	0
Mississippi	457	190	145	45	267	164	103	0
Missouri	750	532	366	166	218	139	79	0
Montana	101	63	47	16	38	23	15	0
Nebraska	102	86	60	26	16	12	4	0
Nevada	57	42	31	11	15	8	7	0
New Hampshire	48	45	29	16	0	0	0	3
New Jersey	1,232	..	..	..	..	..	..	..
New Mexico	198	94	56	38	104	54	50	0
New York	4,335	2,147	1,420	727	1,763	1,128	635	425
North Carolina	1,157	427	293	134	730	472	258	0
North Dakota	68	47	31	16	21	10	11	0
Ohio	1,365	839	573	266	501	304	197	25
Oklahoma	363	259	185	74	104	65	39	0
Oregon	357	304	200	104	53	29	24	0
Pennsylvania	2,233	1,446	1,052	394	787	504	283	0
Rhode Island	91	75	56	19	15	14	1	1
South Carolina	630	216	152	64	414	259	155	0
South Dakota	115	38	25	13	77	33	44	0
Tennessee	860	602	376	226	258	165	93	0
Texas	2,988	2,274	1,413	861	607	387	220	107
Utah	62	55	40	15	7	2	5	0
Vermont	38	38	25	13	0	0	0	0
Virginia	1,186	629	409	220	556	365	191	1
Washington	525	381	254	127	143	82	61	1
West Virginia	390	320	217	103	46	33	13	24
Wisconsin	332	260	178	82	64	44	20	8
Wyoming	42	24	15	9	11	6	5	7
Puerto Rico**	883	883	549	334	..	..	..	..

* Only 37,888 cases were distributed by race and sex. Data were not available for 1,232 cases reported by New Jersey.

** Not included in totals. Figures shown by sex are for all races.

TABLE 15
New active tuberculosis case rates by race and sex: each State, 1969

State	Total	White			Other		
		Total	Male	Female	Total	Male	Female
United States	19.4	13.7	19.1	8.6	59.7	79.0	41.7
Alabama	34.1	20.8	29.6	12.4	63.8	81.6	47.7
Alaska	31.6	6.9	9.7	3.2	113.8	109.8	118.4
Arizona	26.7	16.5	23.9	9.4	109.7	131.1	88.5
Arkansas	28.9	22.8	34.2	11.9	49.9	62.8	38.0
California	19.6	16.3	22.2	10.6	51.8	67.3	36.2
Colorado	12.0	9.5	13.5	5.8	85.1	124.6	45.0
Connecticut	11.5	8.8	12.1	5.7	61.9	79.5	45.8
Delaware	17.4	11.2	17.3	5.5	54.5	60.4	48.8
District of Columbia	47.6	23.5	33.7	14.4	59.6	79.0	42.2
Florida	24.7	15.6	23.5	8.4	70.0	104.7	37.2
Georgia	21.2	14.2	22.7	6.1	39.7	57.3	24.1
Hawaii	38.0	7.4	8.1	6.5	54.0	60.8	46.8
Idaho	6.8	5.5	9.3	1.7	76.9	(109.4)	(45.5)
Illinois	22.4	15.1	22.5	8.0	73.2	97.8	50.9
Indiana	16.0	12.7	16.5	9.0	62.2	78.9	46.8
Iowa	4.6	4.2	5.5	2.9	38.9	58.1	21.3
Kansas	8.0	6.6	8.8	4.4	33.6	32.3	34.9
Kentucky	28.0	26.6	34.9	18.6	46.1	63.1	29.8
Louisiana	20.2	13.7	21.1	6.6	34.1	46.3	23.0
Maine	9.4	9.4	11.9	6.9	(14.3)	n.c.	(28.6)
Maryland	24.2	14.4	21.7	7.5	75.0	101.7	49.4
Massachusetts	14.7	12.4	17.3	7.8	84.1	105.2	63.7
Michigan	18.0	11.9	16.4	7.6	69.7	93.6	47.1
Minnesota	7.6	6.5	9.3	3.8	77.8	86.1	69.6
Mississippi	19.4	14.4	22.2	6.8	25.6	33.0	19.0
Missouri	16.1	12.8	18.1	7.7	45.2	60.9	31.2
Montana	14.6	9.5	14.0	4.9	115.2	141.1	89.8
Nebraska	7.0	6.1	8.6	3.7	34.8	52.9	17.2
Nevada	12.5	9.8	14.5	5.1	53.6	57.6	49.6
New Hampshire	6.7	6.7	9.0	4.6	n.c.	n.c.	n.c.
New Jersey	17.2	..	..	..	..	..	..
New Mexico	19.9	10.5	12.4	8.6	103.0	110.0	96.3
New York	23.7	14.3	19.7	9.3	101.5	140.4	68.0
North Carolina	22.2	10.9	15.3	6.7	56.2	75.3	38.4
North Dakota	11.1	7.9	10.1	5.5	116.7	(105.3)	(129.4)
Ohio	12.7	8.8	12.3	5.4	51.4	64.7	38.9
Oklahoma	14.1	11.2	16.4	6.3	39.2	51.4	28.2
Oregon	17.6	15.3	20.5	10.3	110.4	119.3	101.3
Pennsylvania	18.9	13.5	20.1	7.1	74.5	100.2	51.1
Rhode Island	10.0	8.6	12.9	4.4	65.2	122.8	8.6
South Carolina	23.4	12.3	17.5	7.2	44.5	58.2	31.9
South Dakota	17.5	6.1	7.9	4.2	208.1	180.3	235.3
Tennessee	21.6	18.1	23.3	13.2	39.4	53.1	27.0
Texas	26.7	24.0	30.6	17.8	45.7	60.4	31.9
Utah	5.9	5.4	8.0	2.9	31.8	17.4	47.6
Vermont	8.7	8.7	11.8	5.8	n.c.	n.c.	n.c.
Virginia	25.4	16.8	22.3	11.6	59.9	79.9	40.6
Washington	15.4	11.7	15.8	7.7	107.5	117.0	97.0
West Virginia	21.4	19.8	27.1	12.7	51.6	77.1	27.3
Wisconsin	7.8	6.5	9.0	4.0	54.2	76.8	32.6
Wyoming	13.1	9.6	11.9	7.3	(133.3)	(140.0)	(125.0)
Puerto Rico*	32.1	32.1	40.3	24.0	..	..	..

* Not included in totals.

Notes: (1) Rates enclosed in parentheses are for race—sex groups which have a population of less than 10,000 persons.

(2) Cases with race or sex not specified distributed proportionately.

(3) n.c. = No cases.

(4) (..) = Not Available.

TABLE 16

New active tuberculosis cases by age: each State, 1969

State	Total	Under 5	5-14	15-24	25-44	45-64	65+	Age Not Stated
United States	39,120	1,667	1,890	3,462	10,498	13,251	7,768	584
Alabama	1,203	36	132	102	273	368	292	0
Alaska	89	1	9	16	30	25	8	0
Arizona	452	39	26	21	92	161	113	0
Arkansas	577	50	66	47	93	170	144	7
California	3,804	162	105	433	1,101	1,296	707	0
Colorado	251	4	3	58	73	74	36	3
Connecticut	346	17	20	32	95	117	60	5
Delaware	94	6	4	3	28	34	17	2
District of Columbia	380	15	13	31	133	144	44	0
Florida	1,572	47	49	97	479	625	272	3
Georgia	983	28	37	75	178	423	242	0
Hawaii	302	4	3	19	87	120	69	0
Idaho	49	1	2	3	8	25	10	0
Illinois	2,478	77	52	229	830	870	407	13
Indiana	821	36	51	54	199	245	209	27
Iowa	128	3	1	10	29	43	39	3
Kansas	185	5	3	8	36	72	55	6
Kentucky	906	13	19	58	221	311	278	6
Louisiana	755	50	68	54	175	267	125	16
Maine	92	3	5	4	18	43	19	0
Maryland	912	21	20	77	277	337	180	0
Massachusetts	802	28	32	61	241	270	170	0
Michigan	1,577	66	105	126	441	514	307	18
Minnesota	280	9	8	14	52	110	87	0
Mississippi	457	10	26	56	112	146	107	0
Missouri	750	46	27	41	150	270	213	3
Montana	101	2	3	9	12	46	26	3
Nebraska	102	1	5	4	27	41	24	0
Nevada	57	1	5	5	13	21	12	0
New Hampshire	48	9	2	3	11	15	6	2
New Jersey	1,232	71	65	111	428	374	171	12
New Mexico	198	15	13	16	60	44	44	6
New York	4,335	175	178	522	1,533	1,355	552	20
North Carolina	1,157	60	46	109	306	424	208	4
North Dakota	68	7	5	8	16	16	13	3
Ohio	1,365	49	71	103	308	368	318	148
Oklahoma	363	4	2	19	78	144	116	0
Oregon	357	11	20	26	75	155	69	1
Pennsylvania	2,233	60	82	126	468	802	500	195
Rhode Island	91	3	3	9	29	36	10	1
South Carolina	630	36	51	48	181	219	95	0
South Dakota	115	9	4	17	30	36	17	2
Tennessee	860	36	31	64	181	273	275	0
Texas	2,988	243	256	329	726	889	494	51
Utah	62	2	1	4	13	24	18	0
Vermont	38	0	2	3	7	13	13	0
Virginia	1,186	46	90	99	263	400	282	6
Washington	525	17	35	44	129	202	98	0
West Virginia	390	20	21	25	78	134	105	7
Wisconsin	332	9	10	24	66	125	89	9
Wyoming	42	4	3	6	9	15	3	2
Puerto Rico*	883	27	48	113	215	274	199	7

* Not included in totals.

TABLE 17
New active tuberculosis case rates by age: each State, 1969

State	Total	Under 5	5-14	15-24	25-44	45-64	65+
United States	19.4	9.4	4.6	10.2	22.4	32.6	40.7
Alabama	34.1	11.1	17.7	16.2	32.7	53.9	93.3
Alaska	31.6	3.1	12.3	27.6	43.5	58.1	114.3
Arizona	26.7	22.4	6.8	7.1	22.6	55.1	79.6
Arkansas	28.9	27.3	16.4	13.9	20.8	44.5	64.0
California	19.6	9.2	2.7	13.1	23.1	32.9	41.1
Colorado	12.0	2.2	0.7	15.7	13.9	19.4	19.7
Connecticut	11.5	6.7	3.3	6.5	13.7	17.8	21.8
Delaware	17.4	11.5	3.4	3.2	22.3	34.3	38.6
District of Columbia	47.6	18.8	8.2	25.4	69.6	80.4	64.7
Florida	24.7	8.6	4.0	9.2	31.9	53.8	32.2
Georgia	21.2	6.0	3.8	8.8	15.5	50.1	68.8
Hawaii	38.0	5.2	1.7	12.2	42.6	88.2	160.5
Idaho	6.8	1.6	1.3	2.4	4.9	17.2	15.2
Illinois	22.4	7.8	2.3	12.8	33.2	36.3	37.7
Indiana	16.0	7.9	5.0	6.5	17.3	24.4	44.5
Iowa	4.6	1.3	0.2	2.2	4.9	7.6	11.7
Kansas	8.0	2.7	0.6	2.0	7.0	15.7	22.1
Kentucky	28.0	4.6	2.9	10.3	29.0	49.8	84.3
Louisiana	20.2	12.9	8.2	8.1	20.4	40.8	43.7
Maine	9.4	3.4	2.5	2.5	8.6	21.6	16.4
Maryland	24.2	5.8	2.5	11.6	30.1	45.1	64.1
Massachusetts	14.7	6.0	3.0	7.0	19.6	22.4	27.2
Michigan	18.0	8.2	5.5	8.4	22.2	29.1	41.5
Minnesota	7.6	2.7	1.0	2.3	6.4	15.1	21.4
Mississippi	19.4	4.3	4.9	13.1	21.1	34.8	49.3
Missouri	16.1	11.9	2.9	5.5	14.1	27.8	38.7
Montana	14.6	3.3	2.0	7.4	8.7	33.8	38.2
Nebraska	7.0	0.8	1.7	1.7	8.7	13.9	13.3
Nevada	12.5	1.9	5.1	6.8	10.7	25.0	42.9
New Hampshire	6.7	15.6	1.4	2.5	6.6	11.1	7.6
New Jersey	17.2	11.6	4.7	9.5	25.2	24.0	25.7
New Mexico	19.9	13.5	5.3	8.9	29.9	25.4	66.7
New York	23.7	11.1	5.1	18.2	36.2	32.5	28.4
North Carolina	22.2	12.6	4.3	11.3	23.0	44.0	52.3
North Dakota	11.1	13.2	3.7	7.5	13.0	13.7	21.2
Ohio	12.7	5.9	3.4	6.3	13.6	18.4	36.5
Oklahoma	14.1	1.9	0.4	4.4	12.6	27.5	40.3
Oregon	17.6	6.8	5.1	7.6	15.7	35.8	31.8
Pennsylvania	18.9	6.9	3.9	7.2	18.8	32.5	44.3
Rhode Island	10.0	4.0	1.7	5.9	14.2	18.1	9.9
South Carolina	23.4	14.1	8.7	9.2	26.8	46.8	51.6
South Dakota	17.5	15.5	2.8	15.5	23.1	27.8	21.3
Tennessee	21.6	10.5	3.9	9.3	18.3	34.4	73.9
Texas	26.7	23.4	10.8	16.9	27.4	42.8	53.0
Utah	5.9	1.8	0.4	2.1	5.3	13.6	24.7
Vermont	8.7	n.c.	2.2	4.1	6.9	15.1	26.0
Virginia	25.4	10.6	9.4	11.6	22.2	45.4	80.7
Washington	15.4	6.3	5.1	7.3	15.4	28.9	31.5
West Virginia	21.4	14.0	6.0	7.9	18.9	34.2	55.7
Wisconsin	7.8	2.4	1.1	3.6	7.4	14.8	19.9
Wyoming	13.1	14.3	4.5	10.7	12.9	24.6	10.0
Puerto Rico*	32.1	6.6	6.3	23.3	37.0	76.7	134.2

* Not included in totals.

Notes: (1) Cases with age not specified were distributed proportionately.

(2) n.c. = No cases.

TABLE 18
Source of report for new active cases: each State, 1969

State	Total	Death certificates	Transfers from other states	All other sources*
United States	39,120	1,591	403	37,126
Alabama	1,203	32	0	1,171
Alaska	89	4	0	85
Arizona	452	3	0	449
Arkansas	577	11	1	565
California	3,804	289	132	3,383
Colorado	251	5	91	155
Connecticut	346	2	0	344
Delaware	94	5	0	89
District of Columbia	380	40	0	340
Florida	1,572	6	11	1,555
Georgia	983	33	7	943
Hawaii	302	2	0	300
Idaho	49	5	0	44
Illinois	2,478	109	13	2,356
Indiana	821	64	0	757
Iowa	128	7	3	118
Kansas	185	4	3	178
Kentucky	906	5	17	884
Louisiana	755	66	..	689
Maine	92	5	0	87
Maryland	912	74	0	838
Massachusetts	802	10	2	790
Michigan	1,577	36	15	1,526
Minnesota	280	14	0	266
Mississippi	457	20	18	419
Missouri	750	50	9	691
Montana	101	14	0	87
Nebraska	102	6	1	95
Nevada	57	5	0	52
New Hampshire	48	1	5	42
New Jersey	1,232	21	..	1,211
New Mexico	198	17	0	181
New York	4,335	194	..	4,141
North Carolina	1,157	16	..	1,141
North Dakota	68	3	1	64
Ohio	1,365	26	..	1,339
Oklahoma	363	5	11	347
Oregon	357	3	3	351
Pennsylvania	2,233	80	8	2,145
Rhode Island	91	1	0	90
South Carolina	630	24	0	606
South Dakota	115	10	0	105
Tennessee	860	42	..	818
Texas	2,988	109	7	2,872
Utah	62	4	0	58
Vermont	38	1	0	37
Virginia	1,186	60	39	1,087
Washington	525	26	0	499
West Virginia	390	12	4	374
Wisconsin	332	9	2	321
Wyoming	42	1	0	41
Puerto Rico**	883	66	0	817

* Includes transfers from other states for Louisiana, New Jersey, New York, North Carolina, Ohio and Tennessee.

** Not included in totals.

Note: (..) = Not available.

TABLE 19

New active tuberculosis cases by form and extent of disease: each State, 1969

State	Total Active Cases	Pulmonary						Nonpulmonary		Form Not Specified
		Total Pulmonary	Primary	Minimal	Moderately Advanced	Far Advanced	Extent Not Specified	Unexplained Pleurisy	Other	
United States	39,120	35,188	3,197	6,116	13,128	11,095	1,652	606	3,015	311
Alabama	1,203	1,129	135	148	410	341	95	23	46	5
Alaska	89	59	11	19	16	9	4	0	30	0
Arizona	452	393	55	70	146	120	2	0	59	0
Arkansas	577	533	131	55	160	172	15	8	36	0
California	3,804	3,302	196	852	1,380	830	44	82	420	0
Colorado	251	204	7	44	96	53	4	10	37	0
Connecticut	346	308	34	47	103	105	19	0	38	0
Delaware	94	86	11	8	33	34	0	0	7	1
District of Columbia	380	338	27	60	116	135	0	9	32	1
Florida	1,572	1,447	91	238	595	493	30	9	116	0
Georgia	983	959	41	96	357	465	0	3	21	0
Hawaii	302	273	3	105	127	34	4	3	26	0
Idaho	49	41	0	7	14	20	0	2	6	0
Illinois	2,478	2,260	85	303	1,106	697	69	11	207	0
Indiana	821	783	73	126	255	241	88	8	29	1
Iowa	128	115	3	13	35	59	5	0	13	0
Kansas	185	168	3	35	71	39	20	2	15	0
Kentucky	906	858	11	105	382	357	3	15	33	0
Louisiana	755	707	109	56	242	259	41	0	48	0
Maine	92	77	7	19	28	21	2	2	13	0
Maryland	912	824	37	148	286	322	31	25	63	0
Massachusetts	802	689	40	165	257	187	40	19	88	6
Michigan	1,577	1,398	174	246	480	450	48	41	138	0
Minnesota	280	254	14	70	100	52	18	1	25	0
Mississippi	457	431	23	71	137	164	36	1	25	0
Missouri	750	690	70	95	201	248	76	10	47	3
Montana	101	79	3	16	40	13	7	0	22	0
Nebraska	102	95	3	17	37	33	5	0	3	4
Nevada	57	47	7	7	11	20	2	1	9	0
New Hampshire	48	45	11	5	14	11	4	0	3	0
New Jersey	1,232	1,182	126	116	460	470	10	25	25	0
New Mexico	198	160	18	38	63	34	7	3	35	0
New York	4,335	3,737	255	641	1,346	1,074	421	134	211	253
North Carolina	1,157	994	108	162	295	429	0	61	102	0
North Dakota	68	56	6	10	18	18	4	2	10	0
Ohio	1,365	1,224	145	205	465	357	52	35	106	0
Oklahoma	363	339	3	37	187	107	5	4	20	0
Oregon	357	325	28	102	115	55	25	2	30	0
Pennsylvania	2,233	2,010	147	371	902	590	0	10	213	0
Rhode Island	91	79	2	18	29	29	1	0	12	0
South Carolina	630	555	77	58	122	271	27	0	75	0
South Dakota	115	97	14	19	26	31	7	0	18	0
Tennessee	860	781	57	192	294	216	22	0	79	0
Texas	2,988	2,744	496	377	782	776	313	31	184	29
Utah	62	55	4	14	27	9	1	0	7	0
Vermont	38	33	1	8	17	5	2	0	5	0
Virginia	1,186	1,138	203	267	340	328	0	0	48	0
Washington	525	426	49	120	180	72	5	0	99	0
West Virginia	390	359	29	79	92	121	38	2	26	3
Wisconsin	332	271	8	35	114	114	0	12	44	5
Wyoming	42	31	6	1	19	5	0	0	11	0
Puerto Rico*	883	818	69	86	281	382	0	17	48	0

*Not included in totals.

TABLE 20
Percent distribution by extent of disease, new active pulmonary tuberculosis cases: each State, 1969*

State	Total	Minimal	Moderately Advanced	Far Advanced
United States	100.0	20.1	43.3	36.6
Alabama	100.0	16.5	45.6	37.9
Alaska	100.0	43.2	36.4	20.4
Arizona	100.0	20.8	43.5	35.7
Arkansas	100.0	14.2	41.3	44.5
California	100.0	27.8	45.1	27.1
Colorado	100.0	22.8	49.7	27.5
Connecticut	100.0	18.4	40.4	41.2
Delaware	100.0	10.7	44.0	45.3
District of Columbia	100.0	19.3	37.3	43.4
Florida	100.0	17.9	44.9	37.2
Georgia	100.0	10.5	38.9	50.6
Hawaii	100.0	39.5	47.7	12.8
Idaho	100.0	17.1	34.1	48.8
Illinois	100.0	14.4	52.5	33.1
Indiana	100.0	20.3	41.0	38.7
Iowa	100.0	12.2	32.7	55.1
Kansas	100.0	24.1	49.0	26.9
Kentucky	100.0	12.4	45.3	42.3
Louisiana	100.0	10.1	43.4	46.5
Maine	100.0	27.9	41.2	30.9
Maryland	100.0	19.6	37.8	42.6
Massachusetts	100.0	27.1	42.2	30.7
Michigan	100.0	20.9	40.8	38.3
Minnesota	100.0	31.5	45.1	23.4
Mississippi	100.0	19.1	36.8	44.1
Missouri	100.0	17.5	36.9	45.6
Montana	100.0	23.2	58.0	18.8
Nebraska	100.0	19.6	42.5	37.9
Nevada	100.0	18.4	29.0	52.6
New Hampshire	100.0	16.6	46.7	36.7
New Jersey	100.0	11.1	44.0	44.9
New Mexico	100.0	28.1	46.7	25.2
New York	100.0	20.9	44.0	35.1
North Carolina	100.0	18.3	33.3	48.4
North Dakota	100.0	21.8	39.1	39.1
Ohio	100.0	19.9	45.3	34.8
Oklahoma	100.0	11.2	56.5	32.3
Oregon	100.0	37.5	42.3	20.2
Pennsylvania	100.0	19.9	48.4	31.7
Rhode Island	100.0	23.7	38.2	38.1
South Carolina	100.0	12.9	27.0	60.1
South Dakota	100.0	25.0	34.2	40.8
Tennessee	100.0	27.3	41.9	30.8
Texas	100.0	19.5	40.4	40.1
Utah	100.0	28.0	54.0	18.0
Vermont	100.0	26.7	56.7	16.6
Virginia	100.0	28.5	36.4	35.1
Washington	100.0	32.3	48.4	19.3
West Virginia	100.0	27.1	31.5	41.4
Wisconsin	100.0	13.3	43.4	43.3
Wyoming	100.0	4.0	76.0	20.0
Puerto Rico**	100.0	11.5	37.5	51.0

* Cases for which extent specified.

** Not included in totals.

TABLE 21
Tuberculosis deaths and death rates: each State, 1967 and 1968

State	Tuberculosis Deaths		Death Rate Per 100,000 Population		Rank According to Rate		Population July 1, 1968
	1967	1968	1967	1968	1967	1968	
	United States	6,901	6,292	3.5	3.1	..	..	199,861,000
Alabama	239	206	6.7	5.8	1	2	3,566,000
Alaska	10	10	3.7	3.6	19	13	277,000
Arizona	101	102	6.1	6.1	2	1	1,670,000
Arkansas	81	96	4.1	4.8	12	4	2,012,000
California	487	409	2.6	2.1	32	34	19,221,000
Colorado	52	42	2.6	2.1	33	35	2,048,000
Connecticut	75	44	2.6	1.5	34	44	2,959,000
Delaware	22	19	4.2	3.6	11	15	534,000
District of Columbia	87	84	10.8	10.4	..	..	809,000
Florida	199	204	3.3	3.3	26	19	6,160,000
Georgia	140	110	3.1	2.4	29	32	4,588,000
Hawaii	16	21	2.1	2.7	39	28	778,000
Idaho	11	11	1.6	1.6	44	41	705,000
Illinois	379	378	3.5	3.4	21	16	10,974,000
Indiana	175	144	3.5	2.8	22	26	5,067,000
Iowa	40	49	1.5	1.8	46	36	2,748,000
Kansas	43	35	1.9	1.5	42	43	2,303,000
Kentucky	189	150	5.9	4.6	3	6	3,229,000
Louisiana	187	141	5.1	3.8	5	11	3,732,000
Maine	25	21	2.5	2.1	35	33	979,000
Maryland	181	175	4.9	4.7	6	5	3,757,000
Massachusetts	198	184	3.7	3.4	20	18	5,437,000
Michigan	224	273	2.6	3.1	31	21	8,740,000
Minnesota	53	44	1.5	1.2	45	46	3,646,000
Mississippi	80	89	3.4	3.8	24	10	2,342,000
Missouri	172	143	3.7	3.1	16	22	4,627,000
Montana	17	17	2.4	2.5	36	31	693,000
Nebraska	14	16	1.0	1.1	49	47	1,437,000
Nevada	13	8	3.0	1.8	30	38	453,000
New Hampshire	9	7	1.3	1.0	48	48	702,000
New Jersey	261	243	3.7	3.4	17	17	7,078,000
New Mexico	41	32	4.1	3.2	14	20	1,015,000
New York	771	718	4.3	4.0	9	9	18,113,000
North Carolina	163	144	3.2	2.8	28	27	5,135,000
North Dakota	9	10	1.4	1.6	47	40	625,000
Ohio	339	266	3.2	2.5	27	30	10,591,000
Oklahoma	102	74	4.1	2.9	13	24	2,518,000
Oregon	39	27	2.0	1.3	40	45	2,008,000
Pennsylvania	494	500	4.2	4.3	10	8	11,712,000
Rhode Island	30	23	3.3	2.5	25	29	913,000
South Carolina	100	96	3.8	3.6	15	14	2,692,000
South Dakota	11	10	1.6	1.5	43	42	657,000
Tennessee	208	180	5.3	4.5	4	7	3,976,000
Texas	375	319	3.5	2.9	23	25	10,972,000
Utah	3	8	0.3	0.8	50	50	1,034,000
Vermont	20	13	4.8	3.1	7	23	422,000
Virginia	168	166	3.7	3.6	18	12	4,597,000
Washington	76	58	2.4	1.8	37	37	3,276,000
West Virginia	85	100	4.7	5.5	8	3	1,805,000
Wisconsin	80	70	1.9	1.7	41	39	4,213,000
Wyoming	7	3	2.2	1.0	38	49	315,000

Note: District of Columbia is classed as a city, and is not ranked with the states.

TABLE 22
*Facilities for the care of tuberculosis patients in non-federal hospitals:
each State, June 30, 1970*

State	Non-Federal Hospitals	Rated Capacity	Beds Available	Beds Occupied		
				Number	Percent	
					Of Rated Capacity	Of Beds Available
United States	206	24,553	22,589	14,827	60.4	65.6
Alabama	7	1,125	946	630	56.0	66.6
Alaska	0	0	0	0	..	..
Arizona	2	244	232	168	68.9	72.4
Arkansas	2	373	373	184	49.3	49.3
California	27	2,147	1,947	1,182	55.1	60.7
Colorado	4	157	145	97	61.8	66.9
Connecticut	3	426	343	228	53.5	66.5
Delaware	1	80	68	59	73.8	86.8
District of Columbia	2	301	301	191	63.5	63.5
Florida	2	940	940	645	68.6	68.6
Georgia	1	355	355	280	78.9	78.9
Hawaii	4	149	146	108	72.5	74.0
Idaho	0	0	0	0	..	..
Illinois	14	1,655	1,574	1,173	70.9	74.5
Indiana	6	533	469	319	59.8	68.0
Iowa	1	77	77	59	76.6	76.6
Kansas	1	80	80	48	60.0	60.0
Kentucky	7	960	888	506	52.7	57.0
Louisiana	4	739	694	306	41.4	44.1
Maine	0	0	0	0	..	..
Maryland	2	437	437	351	80.3	80.3
Massachusetts	4	554	444	292	52.7	65.8
Michigan	11	913	913	518	56.7	56.7
Minnesota	4	256	256	129	50.4	50.4
Mississippi	1	355	252	252	71.0	100.0
Missouri	4	255	255	188	73.7	73.7
Montana	1	52	52	52	100.0	100.0
Nebraska	1	150	75	40	26.7	53.3
Nevada	0	0	0	0	..	..
New Hampshire	1	36	36	14	38.9	38.9
New Jersey	7	761	731	508	66.8	69.5
New Mexico	1	50	50	34	68.0	68.0
New York	20	2,170	1,886	1,312	60.5	69.6
North Carolina	4	1,102	1,102	719	65.2	65.2
North Dakota	1	16	16	16	100.0	100.0
Ohio	11	1,338	1,264	524	39.2	41.5
Oklahoma	2	445	326	167	37.5	51.2
Oregon	1	79	79	62	78.5	78.5
Pennsylvania	5	1,037	905	576	55.5	63.6
Rhode Island	1	69	69	42	60.9	60.9
South Carolina	2	247	247	226	91.5	91.5
South Dakota	0	0	0	0	..	..
Tennessee	4	471	451	390	82.8	86.5
Texas	10	1,514	1,453	1,080	71.3	74.3
Utah	1	29	29	17	58.6	58.6
Vermont	1	50	50	16	32.0	32.0
Virginia	2	524	524	392	74.8	74.8
Washington	2	351	351	277	78.9	78.9
West Virginia	1	594	404	244	41.1	60.4
Wisconsin	13	357	354	206	57.7	58.2
Wyoming	0	0	0	0	..	..
Puerto Rico & Virgin Islands*	5	1,332	1,332	772	58.0	58.0

* Not included in totals.

Notes: (1) Does not include tuberculosis facilities in mental and penal institutions, or in Non-Federal hospitals that have less than 10 TB beds. (2) (..) = not applicable.

TABLE 23

Facilities for the care of tuberculosis patients in federal hospitals: each State, June 30, 1970

State	FEDERAL				Total Federal	
	Veterans Administration		USPHS and Others			
	Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
United States	62	3,285	12	1,047	74	4,332
Alabama	2	75	0	0	2	75
Alaska	0	0	1	45	1	45
Arizona	1	54	0	0	1	54
Arkansas	1	40	0	0	1	40
California	4	405	1	98	5	503
Colorado	1	15	1	198	2	213
Connecticut	1	92	0	0	1	92
Delaware	0	0	0	0	0	0
District of Columbia	1	40	1	21	2	61
Florida	2	64	0	0	2	64
Georgia	2	98	0	0	2	98
Hawaii	0	0	1	0	1	0
Idaho	0	0	0	0	0	0
Illinois	2	151	1	70	3	221
Indiana	1	88	0	0	1	88
Iowa	1	40	0	0	1	40
Kansas	1	12	0	0	1	12
Kentucky	1	40	0	0	1	40
Louisiana	2	45	1	25	3	70
Maine	0	0	0	0	0	0
Maryland	1	40	0	0	1	40
Massachusetts	0	0	0	0	0	0
Michigan	2	106	0	0	2	106
Minnesota	1	40	0	0	1	40
Mississippi	1	40	0	0	1	40
Missouri	2	76	0	0	2	76
Montana	0	0	0	0	0	0
Nebraska	1	40	0	0	1	40
Nevada	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0
New Jersey	1	110	0	0	1	110
New Mexico	1	19	1	108	2	127
New York	7	322	2	250	9	572
North Carolina	2	80	0	0	2	80
North Dakota	0	0	0	0	0	0
Ohio	2	99	0	0	2	99
Oklahoma	1	40	0	0	1	40
Oregon	1	56	0	0	1	56
Pennsylvania	3	266	1	137	4	403
Rhode Island	1	25	0	0	1	25
South Carolina	1	32	0	0	1	32
South Dakota	0	0	1	95	1	95
Tennessee	2	120	0	0	2	120
Texas	4	259	0	0	4	259
Utah	1	8	0	0	1	8
Vermont	0	0	0	0	0	0
Virginia	1	143	0	0	1	143
Washington	0	0	0	0	0	0
West Virginia	1	45	0	0	1	45
Wisconsin	2	60	0	0	2	60
Wyoming	0	0	0	0	0	0
Puerto Rico & Virgin Islands	0	0	0	0	0	0

Note: All Federal institutions of the above agencies include hospitals with less than 10 TB beds, and Veterans Administration facilities caring for mental patients.

TABLE 24

New active tuberculosis cases, cities of 250,000 or more population, 1969

Cities	New active cases		
	Number	Rate per 100,000 population	Rate rank order
Akron, Ohio	40	13.3	46
Albuquerque, N.M.	35	12.8	48
Baltimore, Md.	500	55.1	2
Birmingham, Ala.	132	37.2	16
Boston, Mass.	275	41.7	9
Buffalo, N.Y.	184	41.3	10
Chicago, Ill.	1,671	47.3	7
Cincinnati, Ohio	145	29.0	27
Cleveland, Ohio	278	34.4	22
Columbus, Ohio	89	15.9	41
Dallas, Tex.	180	21.0	37
Dayton, Ohio	83	30.8	24
Denver, Colo.	69	14.2	44
Detroit, Mich.	660	41.8	8
El Paso, Tex.	168	49.1	4
Ft. Worth, Tex.	101	24.6	34
Honolulu, Hawaii	174	52.4	3
Houston, Tex.	493	41.0	11
Jacksonville, Fla.	135	26.1	32
Jersey City, N.J.	94	34.7	21
Kansas City, Mo.	129	25.3	33
Long Beach, Calif.	50	12.9	47
Los Angeles, Calif.	801	27.3	30
Milwaukee, Wisc.	128	17.0	40
Minneapolis, Minn.	58	12.3	50
Newark, N.J.	278	69.2	1
New Orleans, La.	220	31.9	23
New York, N.Y.	2,951	36.4	19
Norfolk, Va.	87	28.9	28
Oakland, Calif.	115	30.3	26
Oklahoma City, Okla.	57	14.9	43
Philadelphia, Pa.	850	40.8	13
Phoenix, Ariz.	111	20.3	38
Pittsburgh, Pa.	200	37.6	15
Portland, Ore.	154	40.8	12
Rochester, N.Y.	101	35.6	20
Sacramento, Calif.	102	37.0	18
St. Louis, Mo.	235	40.1	14
St. Paul, Minn.	49	15.4	42
San Antonio, Tex.	268	37.0	17
San Diego, Calif.	152	21.7	36
San Francisco, Calif.	342	48.4	5
San Jose, Calif.	88	20.2	39
Seattle, Wash.	163	27.7	29
Tampa, Fla.	96	30.5	25
Toledo, Ohio	49	12.4	49
Tucson, Ariz.	66	27.0	31
Tulsa, Okla.	68	22.6	35
Washington, D.C.	380	47.6	6
Wichita, Kans.	38	13.4	45
Total — 50 Cities	13,892	34.4	
San Juan, P.R.	268	53.2	..

TABLE 24 (Continued)
New active tuberculosis cases, cities of 250,000 or more population, 1969

Cities	New active cases		
	Number	Rate per 100,000 population	Rate rank order
Counties*			
Atlanta (Fulton Co.), Ga.	235	38.9	1
Indianapolis (Marion Co.), Ind.	240	31.0	3
Louisville (Jefferson Co.), Ky.	170	24.6	4
Memphis (Shelby Co.), Tenn.	127	17.3	5
Miami (Dade Co.), Fla.	372	31.8	2
Nashville (Davidson Co.), Tenn.	78	17.0	6
Omaha (Douglas Co.), Nebr.	53	12.6	7
Total — 7 Counties	1,275	26.3	

* Counties which include a principal city of 250,000 population. Data for principal city were not available separately.

TABLE 25

New active tuberculosis cases, cities with 100,000 to 250,000 population, 1969

Cities	New Active Cases		
	Number	Rate Per 100,000 Population	Rate Rank Order
Albany, N.Y.	35	29.0	15
Alexandria, Va.	25	21.4	31
Allentown, Pa.	14	12.8	53
Amarillo, Tex.	6	3.5	69
Anaheim, Calif.	12	7.3	64
Austin, Tex.	44	18.3	39
Baton Rouge, La.	31	17.9	41
Beaumont, Tex.	37	27.1	19
Berkeley, Calif.	17	14.7	50
Bridgeport, Conn.	46	29.9	13
Cambridge, Mass.	17	17.9	40
Camden, N.J.	45	38.0	7
Canton, Ohio	28	23.5	28
Cedar Rapids, Iowa	4	3.5	68
Chattanooga, Tenn.	62	47.7	4
Corpus Christi, Tex.	40	19.0	35
Dearborn, Mich.	14	11.8	55
Des Moines, Iowa	21	10.1	61
Duluth, Minn.	18	16.7	47
Elizabeth, N.J.	30	25.2	25
Erie, Pa.	27	18.4	38
Fall River, Mass.	25	24.8	26
Flint, Mich.	56	26.0	23
Fresno, Calif.	71	42.1	5
Garden Grove, Calif.	6	5.0	66
Glendale, Calif.	20	14.5	51
Grand Rapids, Mich.	43	20.2	33
Hampton, Va.	26	20.8	32
Hartford, Conn.	48	29.4	14
Huntington Beach, Calif.	2	1.8	70
Kansas City, Kans.	32	18.8	36
Knoxville, Tenn.	49	28.1	17
Lansing, Mich.	16	11.9	54
Lincoln, Nebr.	12	8.2	63
Little Rock, Ark.	58	41.6	6
Lubbock, Tex.	7	4.0	67
New Bedford, Mass.	12	11.7	56
New Haven, Conn.	24	17.2	46
Newport News, Va.	70	49.0	2
Niagara Falls, N.Y.	22	26.6	21
Pasadena, Calif.	33	26.2	22
Paterson, N.J.	73	48.6	3
Peoria, Ill.	21	14.9	48
Portsmouth, Va.	34	27.2	18
Providence, R.I.	31	17.7	43
Pueblo, Colo.	13	10.4	60
Richmond, Va.	72	33.1	10
Riverside, Calif.	24	17.7	42
Roanoke, Va.	23	23.2	29
Rockford, Ill.	28	20.0	34
Salt Lake City, Utah	26	12.9	52
San Bernardino, Calif.	20	17.7	44
Santa Ana, Calif.	28	18.4	37
Scranton, Pa.	30	28.3	16
Shreveport, La.	63	34.0	9

TABLE 25 (Continued)

New active tuberculosis cases, cities with 100,000 to 250,000 population, 1969

Cities	New Active Cases		
	Number	Rate Per 100,000 Population	Rate Rank Order
Spokane, Wash.	68	35.9	8
Springfield, Mass.	25	14.7	49
Stamford, Conn.	30	26.9	20
Stockton, Calif.	86	85.1	1
Syracuse, N.Y.	67	32.6	11
Tacoma, Wash.	37	23.1	30
Topeka, Kans.	15	11.0	57
Torrance, Calif.	15	10.7	59
Trenton, N.J.	32	31.4	12
Virginia Beach, Va.	16	9.5	62
Waterbury, Conn.	26	23.8	27
Wichita Falls, Tex.	6	5.4	65
Worcester, Mass.	20	10.8	58
Yonkers, N.Y.	36	17.2	45
Youngstown, Ohio	42	25.5	24
Total — 70 Cities	2,212	21.7	..
Ponce, P.R.	47	28.6	..
Counties*			
Allen Co. (Ft. Wayne), Ind.	36	13.5	13
Bibb Co. (Macon), Ga.	26	16.9	11
Chatham Co. (Savannah), Ga.	58	31.7	4
Dane Co. (Madison), Wisc.	13	4.6	16
Forsyth Co. (Winston-Salem), N.C.	76	33.1	3
Guilford Co. (Greensboro), N.C.	39	13.1	14
Hinds Co. (Jackson), Miss.	52	23.2	5
Lake Co. (Gary and Hammond), Ind.	124	22.8	7
Mecklenburg Co. (Charlotte), N.C.	58	17.0	10
Mobile Co. (Mobile), Ala.	186	47.4	2
Montgomery Co. (Montgomery), Ala.	105	53.3	1
Muscogee Co. (Columbus), Ga.	33	21.2	8
Pinellas Co. (St. Petersburg), Fla.	83	17.7	9
St. Joseph Co. (South Bend), Ind.	22	8.7	15
Vanderburg Co. (Evansville), Ind.	23	13.6	12
Wake Co. (Raleigh), N.C.	46	23.1	6
Total — 16 Counties	980	22.5	..

*Counties which include a principal city with 100,000 to 250,000 population.
Data for principal city were not available separately.

TABLE 26

New active tuberculosis cases, by age: cities of 250,000 or more population, 1969

Cities	Age group							All ages	
	Under 5	5-14	15-24	25-44	45-64	65+	Age not stated	New Cases	Rate per 100,000 Population
Akron, Ohio	3	1	6	8	14	8	0	40	13.3
Albuquerque, N. M.	1	2	3	12	8	7	2	35	12.8
Atlanta (Fulton Co.), Ga.*	9	16	23	60	89	38	0	235	38.9
Baltimore, Md.	15	12	43	171	186	73	0	500	55.1
Birmingham, Ala.	9	19	12	25	40	20	7	132	37.2
Boston, Mass.	8	12	16	95	92	52	0	275	41.7
Buffalo, N. Y.	9	10	15	44	67	39	0	184	41.3
Chicago, Ill.	47	27	162	619	599	208	9	1,671	47.3
Cincinnati, Ohio	8	19	10	38	46	21	3	145	29.0
Cleveland, Ohio	9	21	22	74	74	71	7	278	34.4
Columbus, Ohio	5	2	6	17	32	20	7	89	15.9
Dallas, Tex.	20	9	10	50	46	31	14	180	21.0
Dayton, Ohio	6	0	8	28	25	15	1	83	30.8
Denver, Colo.	2	1	2	11	37	16	0	69	14.2
Detroit, Mich.	32	42	53	194	236	103	0	660	41.8
El Paso, Tex.	24	47	24	30	22	21	0	168	49.1
Ft. Worth, Tex.	1	1	9	33	35	21	1	101	24.6
Honolulu, Hawaii	0	3	14	55	67	35	0	174	52.4
Houston, Tex.	44	40	40	151	150	65	3	493	41.0
Indianapolis (Marion Co.), Ind.*	12	26	17	53	80	52	0	240	31.0
Jacksonville, Fla.	3	7	8	39	50	26	2	135	26.1
Jersey City, N. J.	5	1	12	38	24	14	0	94	34.7
Kansas City, Mo.	7	5	3	29	56	29	0	129	25.3
Long Beach, Calif.	3	1	2	18	17	9	0	50	12.9
Los Angeles, Calif.	36	15	84	276	268	122	0	801	27.3
Louisville (Jefferson Co.), Ky.*	2	3	8	50	65	42	0	170	24.6
Memphis (Shelby Co.), Tenn.*	3	10	15	38	36	25	0	127	17.3
Miami (Dade Co.), Fla.*	10	6	22	110	157	67	0	372	31.8
Milwaukee, Wisc.	4	4	13	33	46	26	2	128	17.0
Minneapolis, Minn.	0	0	2	9	24	23	0	58	12.3
Nashville (Davidson Co.), Tenn.*	8	8	1	22	15	24	0	78	17.0
Newark, N.J.	8	15	23	116	95	15	6	278	69.2
New Orleans, La.	9	15	12	58	101	25	0	220	31.9
New York, N. Y.	121	102	310	1,083	882	433	20	2,951	36.4
Norfolk, Va.	1	0	7	20	37	22	0	87	28.9
Oakland, Calif.	1	3	9	38	47	17	0	115	30.3
Oklahoma City, Okla.	0	1	4	15	25	12	0	57	14.9
Omaha (Douglas Co.), Nebr.*	0	0	2	17	23	11	0	53	12.6
Philadelphia, Pa.	30	35	63	251	309	162	0	850	40.8
Phoenix, Ariz.	3	3	2	24	48	31	0	111	20.3
Pittsburgh, Pa.	8	19	15	48	65	45	0	200	37.6
Portland, Ore.	3	10	5	34	82	20	0	154	40.8
Rochester, N. Y.	6	2	9	38	34	12	0	101	35.6
Sacramento, Calif.	1	0	3	30	47	21	0	102	37.0
St. Louis, Mo.	13	3	17	53	96	53	0	235	40.1
St. Paul, Minn.	2	0	3	12	20	12	0	49	15.4
San Antonio, Tex.	35	21	35	56	71	47	3	268	37.0
San Diego, Calif.	13	7	14	43	49	26	0	152	21.7
San Francisco, Calif.	9	15	35	89	127	67	0	342	48.4
San Jose, Calif.	1	0	16	30	22	19	0	88	20.2
Seattle, Wash.	2	5	12	49	70	25	0	163	27.7
Tampa, Fla.	6	3	6	30	32	18	1	96	30.5
Toledo, Ohio	1	1	2	7	17	9	12	49	12.4
Tucson, Ariz.	8	7	2	4	21	24	0	66	27.0
Tulsa, Okla.	2	0	3	18	28	17	0	68	22.6
Washington, D. C.	15	13	31	133	144	44	0	380	47.6
Wichita, Kans.	1	0	2	6	21	8	0	38	13.4
Total — 57 Cities	644	650	1,307	4,732	5,216	2,518	100	15,167	33.5
Remainder of United States	1,023	1,240	2,155	5,766	8,035	5,250	484	23,953	15.3
United States	1,667	1,890	3,462	10,498	13,251	7,768	584	39,120	19.4

*Since details for principal city were not available, data shown are for county.

TABLE 27

New active tuberculosis cases, by race and sex: cities of 250,000 or more population, 1969

Cities	White			Other			Race or Sex Not Stated	Total
	Male	Female	Total	Male	Female	Total		
Akron, Ohio	12	4	16	16	8	24	0	40
Albuquerque, N.M.	17	11	28	2	5	7	0	35
Atlanta (Fulton Co.), Ga.*	52	19	71	73	91	164	0	235
Baltimore, Md.	130	24	154	233	113	346	0	500
Birmingham, Ala.	19	7	26	70	36	106	0	132
Boston, Mass.	119	57	176	63	36	99	0	275
Buffalo, N.Y.	66	24	90	54	39	93	1	184
Chicago, Ill.	609	152	761	560	295	855	55	1,671
Cincinnati, Ohio	44	22	66	47	32	79	0	145
Cleveland, Ohio	72	31	103	92	80	172	3	278
Columbus, Ohio	31	21	52	25	11	36	1	89
Dallas, Tex	70	27	97	43	36	79	4	180
Dayton, Ohio	28	7	35	29	17	46	2	83
Denver, Colo.	36	23	59	10	0	10	0	69
Detroit, Mich.	195	58	253	269	138	407	0	660
El Paso, Tex.	82	83	165	0	0	0	3	168
Ft. Worth, Tex.	58	12	70	23	7	30	1	101
Honolulu, Hawaii	6	4	10	91	73	164	0	174
Houston, Tex.	183	91	274	145	70	215	4	493
Indianapolis (Marion Co.), Ind.*	98	44	142	49	49	98	0	240
Jacksonville, Fla.	43	15	58	54	21	75	2	135
Jersey City, N.J. . . . .	..	..	..	..	..	..	..	94
Kansas City, Mo.	59	21	80	29	20	49	0	129
Long Beach, Calif.	27	17	44	2	4	6	0	50
Los Angeles, Calif.	354	165	519	181	101	282	0	801
Louisville (Jefferson Co.), Ky.*	81	37	118	34	18	52	0	170
Memphis (Shelby Co.), Tenn.*	31	16	47	47	33	80	0	127
Miami (Dade Co.), Fla.*	143	71	214	116	42	158	0	372
Milwaukee, Wisc.	47	30	77	34	17	51	0	128
Minneapolis, Minn.	38	14	52	2	4	6	0	58
Nashville (Davidson Co.), Tenn.*	22	19	41	21	16	37	0	78
Newark, N.J. . . . .	..	..	..	..	..	..	..	278
New Orleans, La.	79	12	91	86	43	129	0	220
New York, N.Y.	760	373	1,133	901	492	1,393	425	2,951
Norfolk, Va.	22	10	32	39	16	55	0	87
Oakland, Calif.	25	14	39	43	31	74	2	115
Oklahoma City, Okla.	29	9	38	13	6	19	0	57
Omaha (Douglas Co.), Nebr.*	35	10	45	7	1	8	0	53
Philadelphia, Pa.	224	85	309	334	207	541	0	850
Phoenix, Ariz.	62	18	80	22	9	31	0	111
Pittsburgh, Pa.	65	35	100	72	27	99	1	200
Portland, Ore.	88	32	120	21	13	34	0	154
Rochester, N.Y.	35	13	48	37	16	53	0	101
Sacramento, Calif.	69	17	86	12	3	15	1	102
St. Louis, Mo.	71	29	100	86	49	135	0	235
St. Paul, Minn.	36	3	39	9	1	10	0	49
San Antonio, Tex.	124	116	240	15	13	28	0	268
San Diego, Calif.	73	46	119	17	16	33	0	152
San Francisco, Calif.	146	66	212	85	43	128	2	342
San Jose, Calif.	32	22	54	6	3	9	25	88
Seattle, Wash.	61	42	103	36	24	60	0	163
Tampa, Fla.	32	17	49	37	10	47	0	96
Toledo, Ohio	24	8	32	14	3	17	0	49
Tucson, Ariz.	44	19	63	1	2	3	0	66
Tulsa, Okla.	32	15	47	12	9	21	0	68
Washington, D.C.	38	19	57	183	110	293	30	380
Wichita, Kans.	15	8	23	6	8	14	1	38
Total — 57 Cities	4,993	2,164	7,157	4,508	2,567	7,075	563	15,167**
Remainder of United States	10,661	5,186	15,847	4,401	2,504	6,905	341	23,953**
United States	15,654	7,350	23,004	8,909	5,071	13,980	904	39,120**

*Since details for principal city were not available, data shown are for county.

**Data by race and sex were not available on cases reported by New Jersey.

TABLE 28

Tuberculosis deaths by race in large cities, 1968 (according to place of residence)

Cities	White			Other			All races	
	Respira- tory	Other Forms	Total	Respira- tory	Other Forms	Total	Number	Rate
Akron, Ohio	2	1	3	2	0	2	5	1.7
Albany, N.Y.	0	2	2	2	0	2	4	3.3
Albuquerque, N.M.	4	2	6	0	0	0	6	2.5
Allentown, Pa.	3	0	3	0	0	0	3	2.7
Amarillo, Texas	3	0	3	0	0	0	3	1.8
Arlington Co., Va	0	1	1	1	0	1	2	1.1
Atlanta, Ga.	6	1	7	11	4	15	22	4.3
Austin, Texas	6	1	7	0	1	1	8	3.5
Baltimore, Md.	45	4	49	47	11	58	107	11.6
Baton Rouge, La.	3	0	3	3	1	4	7	3.9
Beaumont, Texas	3	0	3	1	0	1	4	3.0
Birmingham, Ala.	13	2	15	33	5	38	53	15.0
Boston, Mass.	45	8	53	5	1	6	59	9.0
Bridgeport, Conn.	4	2	6	2	0	2	8	5.3
Buffalo, N.Y.	7	3	10	6	2	8	18	4.0
Cambridge, Mass.	6	0	6	1	0	1	7	7.4
Camden, N.J.	2	0	2	1	0	1	3	2.6
Canton, Ohio	2	0	2	2	0	2	4	3.5
Charlotte, N.C.	0	2	2	3	1	4	6	2.3
Chattanooga, Tenn.	4	0	4	5	0	5	9	6.9
Chicago, Ill.	89	38	127	60	38	98	225	6.4
Cincinnati, Ohio	16	3	19	17	4	21	40	8.0
Cleveland, Ohio	19	3	22	24	1	25	47	5.8
Columbus, Georgia	2	0	2	2	0	2	4	2.9
Columbus, Ohio	1	4	5	2	0	2	7	1.2
Corpus Christi, Texas	3	1	4	0	0	0	4	1.9
Dallas, Texas	10	4	14	9	4	13	27	3.2
Dayton, Ohio	7	1	8	5	2	7	15	5.6
Dearborn, Mich.	9	0	9	0	0	0	9	7.7
Denver, Colo.	10	1	11	3	3	6	17	3.5
Des Moines, Iowa	4	4	8	0	0	0	8	3.8
Detroit, Mich.	62	7	69	63	8	71	140	8.8
Duluth, Minn.	0	2	2	0	0	0	2	1.9
Elizabeth, N.J.	6	0	6	0	0	0	6	5.1
El Paso, Texas	10	1	11	0	0	0	11	3.3
Erie, Pa.	5	1	6	0	0	0	6	4.1
Evansville, Ind.	2	1	3	1	0	1	4	2.8
Flint, Mich.	1	1	2	1	1	2	4	1.9
Fort Wayne, Ind.	2	1	3	2	0	2	5	2.8
Fort Worth, Texas	13	4	17	1	1	2	19	4.7
Fresno, Calif.	3	0	3	2	1	3	6	3.7
Gary, Ind.	3	1	4	4	1	5	9	4.8
Glendale, Calif.	0	3	3	0	0	0	3	2.2
Grand Rapids, Mich.	3	1	4	0	0	0	4	1.9
Hammond, Ind.	1	0	1	0	0	0	1	0.8
Hartford, Conn.	6	0	6	1	1	2	8	4.9
Honolulu, Hawaii	0	0	0	4	8	12	12	3.3
Houston, Texas	39	7	46	11	1	12	58	5.0
Indianapolis, Ind.	12	0	12	7	1	8	20	3.8
Jackson, Miss.	4	0	4	2	0	2	6	3.5
Jacksonville, Fla.	7	3	10	10	1	11	21	10.7
Jersey City, N.J.	13	3	16	10	0	10	26	9.6
Kansas City, Kans.	0	1	1	1	2	3	4	2.4
Kansas City, Mo.	11	3	14	7	0	7	21	4.1
Knoxville, Tenn.	6	4	10	1	0	1	11	6.0
Lansing, Mich.	2	1	3	1	0	1	4	3.0
Lincoln, Nebr.	1	0	1	0	0	0	1	0.7
Little Rock, Ark.	2	1	3	4	0	4	7	5.0
Long Beach, Calif.	4	3	7	0	1	1	8	2.1
Los Angeles, Calif.	35	18	53	16	8	24	77	2.7
Louisville, Ky.	14	6	20	10	4	14	34	8.9
Lubbock, Texas	1	0	1	0	0	0	1	0.6
Madison, Wisc.	1	1	2	0	0	0	2	1.2
Memphis, Tenn.	7	1	8	15	1	16	24	4.4
Miami, Fla.	14	6	20	6	2	8	28	8.0
Milwaukee, Wisc.	15	3	18	4	0	4	22	2.8

TABLE 28 (Continued)
Tuberculosis deaths by race in large cities, 1968 (according to place of residence)

Cities	White			Other			All races	
	Respira- tory	Other Forms	Total	Respira- tory	Other Forms	Total	Number	Rate
Minneapolis, Minn.	6	2	8	0	0	0	8	1.7
Mobile, Ala.	5	1	6	9	2	11	17	7.2
Montgomery, Ala.	2	0	2	5	2	7	9	5.5
Nashville-Davidson Co., Tenn.	7	3	10	12	4	16	26	5.8
Newark, N.J.	12	3	15	28	3	31	46	11.5
New Bedford, Mass.	3	2	5	1	0	1	6	5.9
New Haven, Conn.	1	0	1	0	0	0	1	0.7
New Orleans, La	27	6	33	20	3	23	56	8.5
Newport News, Va.	1	0	1	6	0	6	7	5.1
New York, N.Y.	257	32	289	195	22	217	506	6.2
Niagara Falls, N.Y.	0	1	1	0	0	0	1	1.2
Norfolk, Va.	5	1	6	1	0	1	7	2.3
Oakland, Calif.	6	7	13	8	2	10	23	6.0
Oklahoma City, Okla	11	0	11	1	1	2	13	3.4
Omaha, Nebr.	4	0	4	1	0	1	5	1.3
Pasadena, Calif.	3	1	4	0	0	0	4	3.2
Paterson, N.J.	7	1	8	1	0	1	9	6.0
Peoria, Ill.	5	2	7	3	1	4	11	8.0
Philadelphia, Pa.	52	15	67	64	16	80	147	7.1
Phoenix, Ariz.	21	4	25	6	0	6	31	5.9
Pittsburgh, Pa.	27	4	31	18	6	24	55	10.1
Portland, Ore.	5	3	8	1	0	1	9	2.4
Portsmouth, Va.	0	0	0	4	1	5	5	3.9
Providence, R.I.	3	0	3	0	2	2	5	2.8
Richmond, Va.	7	2	9	14	4	18	27	12.5
Rochester, N.Y.	10	3	13	5	0	5	18	6.2
Rockford, Ill.	4	2	6	0	1	1	7	5.1
Sacramento, Calif.	15	3	18	2	0	2	20	7.2
St. Louis, Mo.	14	3	17	11	2	13	30	4.9
St. Paul, Minn.	7	3	10	0	0	0	10	3.2
St. Petersburg, Fla.	4	0	4	1	1	2	6	2.7
Salt Lake City, Utah	4	0	4	0	0	0	4	2.0
San Antonio, Texas	30	5	35	2	0	2	37	5.2
San Diego, Calif.	4	3	7	1	0	1	8	1.2
San Francisco, Calif.	16	5	21	6	3	9	30	4.0
San Jose, Calif.	4	4	8	0	0	0	8	1.9
Santa Ana, Calif.	1	1	2	0	0	0	2	1.3
Savannah, Ga.	4	0	4	3	0	3	7	4.9
Scranton, Pa.	14	2	16	0	0	0	16	15.3
Seattle, Wash.	9	3	12	0	0	0	12	2.0
Shreveport, La.	2	2	4	3	1	4	8	4.4
South Bend, Ind.	2	1	3	0	0	0	3	2.2
Spokane, Wash.	3	0	3	0	0	0	3	1.6
Springfield, Mass.	13	0	13	0	0	0	13	7.7
Syracuse, N.Y.	4	0	4	4	1	5	9	4.3
Tacoma, Wash.	3	4	7	0	0	0	7	4.4
Tampa, Fla.	10	2	12	5	0	5	17	5.4
Toledo, Ohio	3	0	3	1	0	1	4	1.0
Topeka, Kans.	2	1	3	0	1	1	4	3.0
Torrance, Calif.	3	0	3	0	0	0	3	2.1
Trenton, N.J.	3	2	5	1	0	1	6	5.5
Tucson, Ariz.	17	7	24	1	0	1	25	10.4
Tulsa, Okla.	2	0	2	2	0	2	4	1.3
Utica, N.Y.	1	1	2	0	0	0	2	2.1
Washington, D.C.	22	2	24	57	3	60	84	10.5
Wichita, Kans.	3	1	4	0	0	0	4	1.4
Wichita Falls, Texas	1	0	1	0	0	0	1	0.9
Winston-Salem, N.C.	0	0	0	7	3	10	10	7.7
Worcester, Mass.	6	0	6	0	0	0	6	3.3
Yonkers, N.Y.	5	3	8	0	0	0	8	3.9
Youngstown, Ohio	1	0	1	2	0	2	3	1.8
Total 127 cities	1,356	325	1,681	943	205	1,148	2,829	5.2

TABLE 29

New active tuberculosis cases by age, race, and sex: United States, 1962-1969

Year	Total cases all ages	Age group					
		0-4	5-14	15-24	25-44	45-64	65+
All races							
1962	53,315	3,044	2,992	4,806	15,522	17,182	9,769
1963	54,042	3,080	3,405	4,733	15,097	17,496	10,231
1964	50,874	2,827	3,269	4,538	14,282	16,434	9,524
1965	49,016	2,748	3,142	4,549	13,500	15,721	9,356
1966	47,767	2,551	3,077	4,193	13,000	15,650	9,296
1967	45,647	2,247	2,794	4,315	12,517	14,996	8,778
1968	42,623	1,954	2,303	3,677	11,485	14,478	8,726
1969	39,120	1,685	1,910	3,500	10,637	13,468	7,920
White total							
1962	36,012	1,662	1,560	2,807	9,339	12,667	7,977
1963	36,048	1,645	1,715	2,713	9,061	12,573	8,341
1964	33,611	1,525	1,674	2,546	8,358	11,791	7,717
1965	31,724	1,420	1,506	2,511	7,686	11,172	7,429
1966	30,887	1,335	1,557	2,351	7,367	10,966	7,311
1967	28,846	1,179	1,417	2,391	6,929	10,203	6,727
1968	26,770	971	1,141	1,976	6,144	9,859	6,679
1969	24,298	904	942	2,004	5,637	8,879	5,932
White male							
1962	24,325	816	763	1,409	5,805	9,885	5,647
1963	24,160	840	846	1,393	5,505	9,724	5,852
1964	22,623	799	829	1,302	5,155	9,153	5,385
1965	21,455	731	782	1,328	4,756	8,567	5,291
1966	20,751	656	756	1,186	4,555	8,531	5,067
1967	19,400	584	729	1,201	4,357	7,867	4,662
1968	18,164	501	534	1,015	3,933	7,671	4,510
1969	16,525	462	492	1,087	3,578	6,788	4,118
White female							
1962	11,687	846	797	1,398	3,534	2,782	2,330
1963	11,888	805	869	1,320	3,556	2,849	2,489
1964	10,988	726	845	1,244	3,203	2,638	2,332
1965	10,269	689	724	1,183	2,930	2,605	2,138
1966	10,136	679	801	1,165	2,812	2,435	2,244
1967	9,446	595	688	1,190	2,572	2,336	2,065
1968	8,606	470	607	961	2,211	2,188	2,169
1969	7,773	442	450	917	2,059	2,091	1,814
Other total							
1962	17,303	1,382	1,432	1,999	6,183	4,515	1,792
1963	17,994	1,435	1,690	2,020	6,036	4,923	1,890
1964	17,263	1,302	1,595	1,992	5,924	4,643	1,807
1965	17,292	1,328	1,636	2,038	5,814	4,549	1,927
1966	16,880	1,216	1,520	1,842	5,633	4,684	1,985
1967	16,801	1,068	1,377	1,924	5,588	4,793	2,051
1968	15,853	983	1,162	1,701	5,341	4,619	2,047
1969	14,822	781	968	1,496	5,000	4,589	1,988
Other male							
1962	10,526	655	658	886	3,646	3,390	1,291
1963	11,083	713	837	931	3,585	3,686	1,331
1964	10,596	682	791	942	3,520	3,435	1,226
1965	10,595	655	802	929	3,481	3,372	1,356
1966	10,505	633	765	881	3,371	3,511	1,344
1967	10,614	539	685	946	3,488	3,545	1,411
1968	9,942	510	576	846	3,300	3,321	1,389
1969	9,452	411	455	735	3,150	3,322	1,379

TABLE 29 (Continued)
New active tuberculosis cases by age, race, and sex: United States, 1962-1969

Year	Total cases all ages	Age group					
		0-4	5-14	15-24	25-44	45-64	65+
Other female							
1962	6,777	727	774	1,113	2,537	1,125	501
1963	6,911	722	853	1,089	2,451	1,237	559
1964	6,667	620	804	1,050	2,404	1,208	581
1965	6,697	673	834	1,109	2,333	1,177	571
1966	6,375	583	755	961	2,262	1,173	641
1967	6,187	529	692	978	2,100	1,248	640
1968	5,911	473	586	855	2,041	1,298	658
1969	5,370	370	513	761	1,850	1,267	609

Note: Cases for which age, race, or sex were not reported were distributed proportionately.

TABLE 30

New active tuberculosis case rates, by age, race, and sex: United States, 1962-1969

Year	Case rate all ages	Age group					
		0-4	5-14	15-24	25-44	45-64	65+
All races							
1962	28.7	14.7	8.0	18.2	33.3	46.1	56.4
1963	28.7	14.9	9.0	17.1	32.4	46.2	58.2
1964	26.6	13.7	8.5	15.6	30.6	42.7	53.3
1965	25.3	13.4	8.0	15.0	29.0	40.3	51.5
1966	24.4	12.9	7.7	13.4	28.0	39.6	50.4
1967	23.1	11.7	6.8	13.4	26.8	37.3	46.7
1968	21.3	10.6	5.6	11.1	24.3	35.5	45.6
1969	19.4	9.4	4.6	10.2	22.4	32.6	40.7
White total							
1962	21.9	9.4	4.8	12.1	22.5	37.5	49.9
1963	21.7	9.4	5.2	11.1	21.9	36.7	51.4
1964	19.9	8.8	5.0	10.0	20.2	33.9	46.8
1965	18.6	8.3	4.4	9.5	18.7	31.7	44.3
1966	17.9	8.0	4.5	8.6	17.9	30.6	43.0
1967	16.6	7.4	4.1	8.5	16.8	28.1	38.8
1968	15.3	6.3	3.3	6.9	14.7	26.8	37.9
1969	13.7	6.1	2.7	6.7	13.4	23.7	33.1
White male							
1962	30.1	9.1	4.6	12.2	28.5	60.1	79.4
1963	29.4	9.4	5.1	11.4	27.0	58.4	81.8
1964	27.3	9.0	4.9	10.3	25.3	54.2	74.6
1965	25.6	8.3	4.5	10.0	23.5	50.2	72.6
1966	24.5	7.7	4.3	8.7	22.5	49.4	68.9
1967	22.8	7.1	4.1	8.6	21.5	45.0	62.7
1968	21.2	6.4	3.0	7.1	19.1	43.3	60.0
1969	19.1	6.1	2.7	7.4	17.3	37.8	54.2
White female							
1962	14.0	9.8	5.0	12.0	16.8	16.1	26.2
1963	14.1	9.4	5.4	10.8	16.9	16.2	27.4
1964	12.8	8.5	5.2	9.7	15.2	14.7	25.2
1965	11.8	8.2	4.4	8.9	14.0	14.3	22.6
1966	11.5	8.4	4.7	8.5	13.5	13.2	23.2
1967	10.6	7.6	4.0	8.4	12.3	12.4	20.9
1968	9.6	6.2	3.5	6.6	10.4	11.4	21.5
1969	8.6	6.1	2.6	6.1	9.7	10.8	17.6
Other total							
1962	80.1	44.3	27.7	62.4	118.1	127.7	135.2
1963	81.5	45.1	31.8	59.9	114.6	137.0	140.4
1964	76.5	40.3	29.2	55.9	111.8	127.0	131.9
1965	74.9	40.6	29.2	54.2	109.5	122.5	137.5
1966	71.9	37.7	26.3	46.6	105.7	124.2	138.4
1967	70.2	33.6	23.1	46.7	103.8	124.7	139.6
1968	65.1	31.5	19.1	39.6	98.1	118.4	135.9
1969	59.7	25.3	15.6	33.2	90.3	115.5	128.5
Other male							
1962	100.4	41.9	25.4	56.9	149.5	197.4	208.9
1963	103.4	44.8	31.4	56.6	146.2	212.3	213.6
1964	96.8	42.1	29.0	54.0	142.9	195.4	194.9
1965	94.7	39.7	28.6	50.2	141.0	189.7	211.5
1966	92.4	39.0	26.5	45.4	136.3	195.5	206.1
1967	91.8	33.7	23.0	46.9	139.7	195.1	212.8
1968	84.6	32.4	18.9	40.3	131.0	180.9	205.8
1969	79.0	26.4	14.7	33.5	122.9	178.9	199.0

TABLE 30 (Continued)

New active tuberculosis case rates, by age, race, and sex: United States, 1962-1969

Year	Case rate all ages	Age group					
		0-4	5-14	15-24	25-44	45-64	65+
Other female							
1962	61.0	46.6	29.9	67.6	90.7	61.8	70.8
1963	60.8	45.4	32.1	63.1	87.0	66.6	77.3
1964	57.3	38.5	29.5	57.8	84.8	63.7	78.3
1965	56.4	41.4	29.7	58.0	82.1	60.8	75.1
1966	52.6	36.5	26.1	47.7	79.2	59.4	81.9
1967	50.0	33.6	23.3	46.4	72.7	61.6	79.4
1968	46.9	30.6	19.3	38.9	69.7	62.9	79.2
1969	41.7	24.2	16.6	32.9	62.2	59.9	71.3

TABLE 31

Tuberculosis deaths and death rates by age, race, and sex: United States, 1968

Age	Tuberculosis Deaths								
	All Races			White			Other		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Under 1	13	8	5	7	5	2	6	3	3
1 - 4	43	27	16	24	14	10	19	13	6
5 - 9	13	11	2	6	5	1	7	6	1
10 - 14	7	3	4	5	2	3	2	1	1
15 - 19	24	19	5	12	9	3	12	10	2
20 - 24	37	12	25	14	6	8	23	6	17
25 - 29	79	37	42	25	12	13	54	25	29
30 - 34	117	66	51	35	20	15	82	46	36
35 - 39	206	133	73	61	42	19	145	91	54
40 - 44	303	192	111	139	83	56	164	109	55
45 - 49	437	292	145	265	183	82	172	109	63
50 - 54	557	398	159	361	254	107	196	144	52
55 - 59	674	514	160	478	360	118	196	154	42
60 - 64	778	610	168	565	447	118	213	163	50
65 - 69	825	650	175	601	483	118	224	167	57
70 - 74	732	553	179	568	436	132	164	117	47
75 - 79	635	477	158	524	395	129	111	82	29
80 - 84	456	292	164	400	248	152	56	44	12
85+	351	203	148	282	163	119	69	40	29
Not Stated	5	5	0	1	1	0	4	4	0
All Ages	6,292	4,502	1,790	4,373	3,168	1,205	1,919	1,334	585

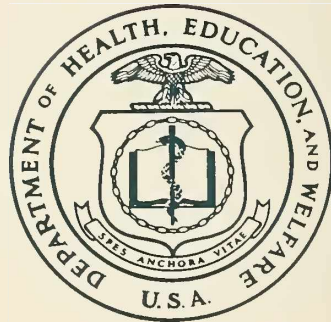
Death rate Per 100,000 Population

Age	All Races			White			Other		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Under 1	0.4	0.5	0.3	0.2	0.3	0.1	1.0	1.0	1.0
1 - 4	0.3	0.4	0.2	0.2	0.2	0.2	0.8	1.0	0.5
5 - 9	0.1	0.1	*	*	0.1	*	0.2	0.4	0.1
10 - 14	*	*	*	*	*	*	0.1	0.1	0.1
15 - 19	0.1	0.2	0.1	0.1	0.1	*	0.5	0.8	0.2
20 - 24	0.2	0.2	0.3	0.1	0.1	0.1	1.3	0.7	1.8
25 - 29	0.6	0.6	0.7	0.2	0.2	0.2	3.6	3.5	3.7
30 - 34	1.1	1.2	0.9	0.4	0.4	0.3	6.3	7.6	5.1
35 - 39	1.8	2.4	1.3	0.6	0.9	0.4	11.0	15.1	7.5
40 - 44	2.5	3.2	1.8	1.3	1.6	1.0	12.4	18.0	7.7
45 - 49	3.6	5.0	2.3	2.5	3.5	1.5	14.1	19.1	9.7
50 - 54	5.1	7.6	2.8	3.7	5.4	2.1	18.6	29.3	9.3
55 - 59	6.9	11.0	3.2	5.4	8.5	2.6	21.6	35.8	8.8
60 - 64	9.5	15.9	3.9	7.6	12.8	3.0	29.6	47.5	13.3
65 - 69	12.4	21.5	4.8	9.9	17.5	3.5	41.1	65.0	19.8
70 - 74	14.2	25.1	6.1	11.9	21.3	4.8	44.7	73.1	22.8
75 - 79	16.4	29.8	7.0	14.7	26.8	6.2	37.2	64.6	17.1
80 - 84	20.3	32.5	12.2	19.3	30.1	12.2	33.1	59.5	12.6
85+	28.3	43.3	19.2	25.4	39.4	17.1	53.9	72.7	40.3
All Ages	3.1	4.6	1.7	2.5	3.7	1.3	7.9	11.4	4.6

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