

**Nontuberculous Mycobacteria
Reported to the Public Health
Laboratory Information System by
State Public Health Laboratories
United States, 1993-1996**

**Centers for Disease Control and Prevention
National Center for Infectious Diseases
Atlanta, GA 30333**



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Commentary

Introduction

This report summarizes data on the nontuberculosis mycobacteria reported by state public health laboratories to the Public Health Laboratory Information System (PHLIS) database for the period 1993 through 1996. PHLIS was initiated in 1992 by the National Center for Infectious Diseases (NCID), Centers for Disease Control and Prevention (CDC), and the former Association of State and Territorial Public Health Laboratory Directors for the purpose of disease surveillance. All states have the ability to input data into PHLIS, through a computer-based national network. The software consists of modular screens for data entry for different diseases and can be customized to import results from other databases. The mycobacterial module includes entry fields for reporting laboratory data of public health importance for disease surveillance and control.

Notes on reporting

In the United States, physicians are requested to report disease cases involving species of the *M. tuberculosis* complex, including *M. bovis* and *M. africanum*, but they are not required to report infections involving nontuberculous mycobacteria (NTM) species. Reports of the prevalence of *M. tuberculosis* complex are published annually by the Division of Tuberculosis Elimination, National Center for HIV, STD, and TB Prevention, CDC. Therefore, the PHLIS reports presented here do not include

data on *M. tuberculosis*, *M. bovis*, and *M. africanum*.

State public health laboratories that did not report nontuberculosis species to PHLIS during the reporting period and laboratories that only reported *M. tuberculosis* isolates are not included in this report. These states included Hawaii, Massachusetts, Pennsylvania, and South Carolina.

Reporting of nontuberculosis species suspected to be involved in disease to the PHLIS system remains voluntary, and the data presented here **may reflect both over and under reporting**. Consequently, the data do not represent the absolute occurrence and distribution of the species. Trends expressed by these reports should be considered preliminary until substantiated by further testing or reporting of more complete data through PHLIS.

All mycobacteria species reported into the PHLIS database by the state health departments were counted. It is important to note that the number of isolates are presented as 'report rates' **to reflect a lack of verification of clinical significance of the report**. Since these reports were not verified, any association with clinical data should be interpreted with caution.

Presentation of data

The population estimates in the United States were determined from the annual tuberculosis reports described above. Report rates were calculated per 100,000

population for all tables except Table 1, for which calculations were made per 1 million population.

The infection caused by the BCG strain of *M. bovis* is not included in the annual report of tuberculosis in the United States because the transmission is treatment-induced. Therefore, reports of *M. bovis*, BCG, are included in this report.

Information on race/ethnicity contained in the PHLIS database was under reported and could not be presented in this report.

Note: Historically, species of mycobacteria that were not *Mycobacterium tuberculosis* were considered to be related to but different from *M. tuberculosis*, and the names assigned to them by early investigators implied this association. Terminology used to describe them include 'atypical' acid-fast bacilli, anonymous strains, 'unclassified' acid-fast bacilli, mycobacteria other than tuberculosis (MOTT), and nontuberculous mycobacteria (NTM). For the purposes of this report, this group is described as nontuberculous mycobacteria or NTM.

Table 1. Nontuberculous mycobacteria reported by species/category, 1993-1996

Species/ Category	1993 Pop. ^a 257,908,000				1994 Pop. 260,341,000				1995 Pop. 262,755,000				1996 Pop. 265,284,000			
	No.	% ^b	Rate ^c	Order ^d	No.	%	Rate	Order	No.	%	Rate	Order	No.	%	Rate	Order
<i>abscessus</i>	1	0.01	0.00	26	-	-	-	-	18	0.08	0.07	21	71	0.35	0.27	15
<i>asiaticum</i>	14	0.07	0.05	19	16	0.08	0.06	19	25	0.11	0.09	17	52	0.25	0.20	16
<i>aurum</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00	0.00	37
<i>avium</i>	8,732	45.15	33.85	1	9,281	44.05	35.65	1	8,933	41.24	33.99	1	7,687	37.66	28.98	1
<i>bovis</i> , BCG	9	0.05	0.03	22	10	0.05	0.04	22	5	0.02	0.02	24	12	0.06	0.04	25
<i>celatum</i>	-	-	-	-	-	-	-	-	1	0.00	0.00	29	2	0.01	0.00	33
<i>chelonae</i>	240	1.24	0.93	8	392	1.86	1.50	7	456	2.10	1.73	7	701	3.43	2.64	5
<i>fallax</i>	-	-	-	-	-	-	-	-	-	-	-	-	7	0.03	0.03	27
<i>farcinogenes</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00	0.00	38
<i>flavescens</i>	169	0.87	0.65	12	246	1.17	0.94	10	259	1.20	0.99	10	169	0.83	0.64	12
<i>fortuitum</i>	1,201	6.21	4.65	4	1,559	7.40	5.99	4	1,509	6.97	5.74	4	1,332	6.53	5.02	4
<i>gastri</i>	4	0.02	0.01	24	13	0.06	0.05	21	8	0.04	0.03	23	6	0.03	0.02	28
<i>genavense</i>	-	-	-	-	1	0.00	0.00	26	2	0.01	0.01	28	1	0.00	0.00	39
<i>gordonae</i>	4,888	25.27	18.95	2	4,285	20.34	16.45	2	4,433	20.47	16.87	2	4,834	23.68	18.22	2
<i>haemophilum</i>	14	0.07	0.05	20	4	0.02	0.01	24	3	0.01	0.01	26	4	0.02	0.01	30
<i>hiberniae</i>	-	-	-	-	-	-	-	-	1	0.00	0.00	30	-	-	-	-
<i>interjectum</i>	-	-	-	-	-	-	-	-	1	0.00	0.00	31	8	0.04	0.03	26
<i>intermedium</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00	0.00	40
<i>intracellulare</i>	184	0.95	0.71	11	280	1.33	1.07	9	409	1.89	1.55	8	208	1.02	0.78	9
<i>kansasii</i>	766	3.96	2.97	5	805	3.82	3.09	5	675	3.12	2.57	5	538	2.64	2.03	6
<i>malmoense</i>	35	0.18	0.13	17	27	0.13	0.10	17	22	0.10	0.08	18	17	0.08	0.06	21
<i>marinum</i>	152	0.79	0.59	14	179	0.85	0.69	13	147	0.68	0.56	13	157	0.77	0.59	13
<i>mucogenicum</i>	-	-	-	-	-	-	-	-	3	0.01	0.01	27	23	0.11	0.09	19
<i>neoaurum</i>	-	-	-	-	-	-	-	-	1	0.00	0.00	32	3	0.01	0.01	31
<i>peregrinum</i>	-	-	-	-	-	-	-	-	-	-	-	-	14	0.07	0.05	24
<i>scrofulaceum</i>	227	1.17	0.88	9	158	0.75	0.61	14	124	0.57	0.47	14	107	0.52	0.40	14
<i>senegalense</i>	-	-	-	-	-	-	-	-	1	0.00	0.00	33	-	-	-	-
<i>shimoidei</i>	-	-	-	-	-	-	-	-	-	-	-	-	2	0.01	0.01	34
<i>simiae</i>	163	0.84	0.63	13	220	1.04	0.84	11	181	0.85	0.69	12	196	0.96	0.74	10
<i>smegmatis</i>	6	0.03	0.02	23	6	0.03	0.02	23	20	0.09	0.08	19	17	0.08	0.06	22
<i>szulgai</i>	70	0.36	0.27	16	59	0.28	0.22	16	52	0.24	0.20	15	45	0.22	0.17	17
<i>terrae</i>	528	2.73	2.05	6	504	2.39	1.93	6	528	2.44	2.00	6	493	2.41	1.86	7
<i>thermoresistibile</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00	0.00	41
<i>tokaiense</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.00	0.00	42
<i>triviale</i>	-	-	-	-	-	-	-	-	-	-	-	-	2	0.01	0.01	35
<i>ulcerans</i>	-	-	-	-	-	-	-	-	-	-	-	-	3	0.01	0.01	32
<i>vaccae</i>	14	0.07	0.05	21	15	0.07	0.06	20	1	0.00	0.00	34	2	0.01	0.01	36
<i>xenopi</i>	270	1.40	1.05	7	373	1.77	1.43	8	403	1.86	1.53	9	235	1.15	0.89	8
<i>nonchromogenicum</i>	-	-	-	-	-	-	-	-	5	0.02	0.02	25	15	0.07	0.06	23
nonphotochromogen	129	0.67	0.50	15	107	0.51	0.41	15	20	0.09	0.08	20	22	0.11	0.08	20
photochromogen	4	0.02	0.01	25	4	0.02	0.01	25	11	0.05	0.04	22	5	0.02	0.02	29
rapid	223	1.15	0.86	10	188	0.89	0.72	12	224	1.03	0.85	11	177	0.87	0.70	11
scotochromogen	29	0.15	0.11	18	26	0.12	0.10	18	33	0.15	0.12	16	44	0.21	0.16	18
unknown	1,267	6.55	4.91	3	2,309	10.96	8.87	3	3,145	14.52	11.97	3	3,194	15.65	12.04	3
Total	19,339				21,067				21,659				20,410			

^aPop. represents population estimates effective July 1 for each year.

^b% is calculated as percentage of total number of reports.

^cRate indicates report rate per 1 million population, calculated to 4th decimal place (not shown).

^dSorted according to rate.

Table 2. Nontuberculous mycobacteria reported by state, 1993-1996

State	1993					1994				
	No. Reports	% of Total	Report Rate ^a	Rate Order	Estimated Population	No. Reports	% of Total	Report Rate	Rate Order	Estimated Population
US	19,339	-	7.5	-	257,908,000	21,076	-	8.1	-	260,341,000
AK	24	0.12	4.0	38	599,000	10	0.05	1.7	44	606,000
AL	610	3.15	14.5	6	4,187,000	563	2.67	13.3	13	4,219,000
AR	2	0.01	0.1	44	2,424,000	762	3.62	31.1	1	2,453,000
AZ	468	2.42	11.9	10	3,936,000	734	3.48	18.0	6	4,075,000
CA	522	2.70	1.7	41	31,211,000	833	3.95	2.6	40	31,431,000
CO	3	0.02	0.1	43	3,566,000	9	0.04	0.2	45	3,656,000
CT	580	3.00	17.7	4	3,277,000	538	2.55	16.4	7	3,275,000
DC	66	0.34	11.4	14	578,000	67	0.32	11.7	17	570,000
DE	46	0.24	6.6	28	700,000	58	0.28	8.2	26	706,000
FL	3970	20.53	29.0	1	13,679,000	3389	16.09	24.3	2	13,953,000
GA	-	-	-	-	6,917,000	167	0.79	2.4	42	7,055,000
IA	250	1.29	8.9	22	2,814,000	242	1.15	8.5	24	2,829,000
ID	96	0.50	8.7	24	1,099,000	86	0.41	7.6	31	1,133,000
IL	733	3.79	6.3	29	11,697,000	894	4.24	7.6	30	11,752,000
IN	332	1.72	5.8	32	5,713,000	256	1.22	4.5	36	5,752,000
KS	291	1.50	11.5	13	2,531,000	335	1.59	13.1	14	2,544,000
KY	417	2.16	11.0	17	3,789,000	-	-	-	-	3,827,000
LA	563	2.91	13.1	9	4,295,000	642	3.05	14.9	10	4,315,000
MD	923	4.77	18.6	3	4,965,000	986	4.68	19.7	4	5,006,000
ME	139	0.72	11.2	15	1,239,000	158	0.75	12.7	16	1,240,000
MI	1034	5.35	10.9	19	9,478,000	875	4.15	9.2	20	9,496,000
MN	320	1.65	7.1	26	4,517,000	373	1.77	8.2	27	4,567,000
MO	694	3.59	13.2	8	5,234,000	794	3.77	15.0	9	5,278,000
MS	379	1.96	14.3	7	2,643,000	407	1.93	15.2	8	2,669,000
MT	42	0.22	5.0	34	839,000	76	0.36	8.9	22	856,000
NC	818	4.23	11.8	11	6,945,000	788	3.74	11.1	18	7,070,000
ND	29	0.15	4.6	36	635,000	23	0.11	3.6	39	638,000
NE	80	0.41	5.0	35	1,607,000	70	0.33	4.3	37	1,623,000
NH	70	0.36	6.2	30	1,125,000	88	0.42	7.7	28	1,137,000
NJ	3	0.02	0.0	45	7,878,000	-	-	-	-	7,904,000
NM	301	1.56	18.6	2	1,616,000	356	1.69	21.5	3	1,654,000
NV	82	0.42	5.9	31	1,389,000	186	0.88	12.8	15	1,457,000
NY	358	1.85	2.0	40	18,197,000	477	2.26	2.6	41	18,169,000
OH	239	1.24	2.1	39	11,091,000	232	1.10	2.1	43	11,102,000
OK	481	2.49	14.9	5	3,231,000	465	2.21	14.3	11	3,258,000
OR	213	1.10	7.0	27	3,032,000	164	0.78	5.3	35	3,086,000
RI	110	0.57	11.0	18	1,000,000	84	0.40	8.4	25	997,000
SD	40	0.21	5.6	33	715,000	55	0.26	7.6	29	721,000
TN	590	3.05	11.6	12	5,099,000	322	1.53	6.2	34	5,175,000
TX	1582	8.18	8.8	23	18,031,000	1613	7.66	8.8	23	18,378,000
UT	183	0.95	11.0	16	1,660,000	119	0.56	6.2	33	1,908,000
VA	707	3.66	10.9	20	6,491,000	1278	6.07	19.5	5	6,552,000
VT	25	0.13	4.3	37	576,000	38	0.18	6.5	32	580,000
WA	433	2.24	8.2	25	5,255,000	725	3.44	13.6	12	5,343,000
WI	484	2.50	9.6	21	5,038,000	549	2.60	10.8	19	5,082,000
WV	-	-	-	-	1,820,000	162	0.77	8.9	21	1,822,000
WY	7	0.04	1.5	42	470,000	19	0.09	4.0	38	476,000

^aReport rate was estimated. For calculated rate, refer to individual state tables.

Table 2.,cont. Nontuberculous mycobacteria reported by state, 1993-1996

State	1995					1996				
	No. Reports	% of Total	Report Rate ^a	Rate Order	Estimated Population	No. Reports	% of Total	Report Rate	Rate Order	Estimated Population
US	21,659	-	8.2	-	262,755,000	20,410	-	7.7	-	265,284,000
AK	-	-	-	-	604,000	1	0.00	0.2	41	607,000
AL	520	2.40	12.2	17	4,253,000	542	2.66	12.7	14	4,273,000
AR	814	3.76	32.8	1	2,484,000	644	3.16	25.7	2	2,510,000
AZ	775	3.58	18.4	6	4,218,000	835	4.09	18.9	4	4,428,000
CA	1386	6.40	4.4	37	31,589,000	989	4.85	3.1	37	31,878,000
CO	-	-	-	-	3,747,000	-	-	-	-	3,823,000
CT	439	2.03	13.4	13	3,275,000	130	0.64	4.0	35	3,274,000
DC	37	0.17	6.7	32	554,000	3	0.01	0.5	40	543,000
DE	69	0.32	9.6	24	717,000	92	0.45	12.7	13	725,000
FL	3878	17.90	27.4	2	14,166,000	4435	21.73	30.8	1	14,400,000
GA	1496	6.91	20.8	3	7,201,000	1069	5.24	14.5	11	7,353,000
IA	304	1.40	10.7	21	2,842,000	320	1.57	11.2	16	2,852,000
ID	111	0.51	9.5	25	1,163,000	80	0.39	6.7	29	1,189,000
IL	957	4.42	8.1	28	11,830,000	1245	6.10	10.5	20	11,847,000
IN	373	1.72	6.4	33	5,803,000	392	1.92	6.7	30	5,841,000
KS	278	1.28	10.8	20	2,565,000	330	1.62	12.8	12	2,572,000
KY	-	-	-	-	3,860,000	-	-	-	-	3,844,000
LA	596	2.75	13.7	12	4,342,000	483	2.37	11.1	18	4,351,000
MD	849	3.92	16.8	8	5,042,000	886	4.34	17.5	8	5,072,000
ME	77	0.36	6.2	34	1,241,000	232	1.14	18.7	6	1,243,000
MI	801	3.70	8.4	27	9,549,000	1008	4.94	10.5	21	9,549,000
MN	358	1.65	7.8	29	4,610,000	308	1.51	6.6	31	4,658,000
MO	967	4.46	18.2	7	5,324,000	951	4.66	17.7	7	5,359,000
MS	533	2.46	19.8	4	2,697,000	611	2.99	22.5	3	2,716,000
MT	98	0.45	11.3	18	870,000	68	0.33	7.7	26	879,000
NC	956	4.41	13.3	14	7,195,000	817	4.00	11.1	17	7,323,000
ND	34	0.16	5.3	36	641,000	41	0.20	6.4	32	644,000
NE	44	0.20	2.7	40	1,637,000	39	0.19	2.4	39	1,652,000
NH	114	0.53	9.9	22	1,148,000	131	0.64	11.3	15	1,162,000
NJ	-	-	-	-	7,945,000	8	0.04	0.1	42	7,988,000
NM	323	1.49	19.2	5	1,685,000	270	1.32	15.8	9	1,713,000
NV	166	0.77	10.9	19	1,530,000	156	0.76	9.7	25	1,630,000
NY	330	1.52	1.8	41	18,136,000	-	-	-	-	18,185,000
OH	335	1.55	3.0	39	11,151,000	367	1.80	3.3	36	11,173,000
OK	500	2.31	15.2	10	3,278,000	482	2.36	14.6	10	3,301,000
OR	168	0.78	5.3	35	3,141,000	94	0.46	2.9	38	3,204,000
RI	162	0.75	16.4	9	990,000	68	0.33	6.9	28	990,000
SD	72	0.33	9.9	23	729,000	138	0.68	18.8	5	732,000
TN	-	-	-	-	5,256,000	-	-	-	-	5,320,000
TX	110	0.51	0.6	42	18,724,000	-	-	-	-	19,128,000
UT	137	0.63	7.0	31	1,951,000	107	0.52	5.3	33	2,000,000
VA	930	4.29	14.0	11	6,618,000	667	3.27	10.0	24	6,675,000
VT	42	0.19	7.2	30	585,000	28	0.14	4.7	34	589,000
WA	707	3.26	13.0	15	5,431,000	592	2.90	10.7	19	5,533,000
WI	629	2.90	12.3	16	5,123,000	529	2.59	10.2	23	5,160,000
WV	164	0.76	9.0	26	1,828,000	188	0.92	10.3	22	1,826,000
WY	20	0.09	4.2	38	480,000	34	0.17	7.1	27	481,000

^aReport rate was estimated. For calculated rate, refer to individual state tables.

Table 3. Nontuberculous mycobacteria reported by species/category and sex, inclusive for 1993 to 1996

Species/Category	Male	Female	Unknown	Total
<i>abscessus</i>	35	46	9	90
<i>asiaticum</i>	68	34	5	107
<i>aurum</i>	1	-	-	1
<i>avium</i>	19,651	11,622	3,360	34,633
<i>bovis</i> , BCG	29	4	3	36
<i>celatum</i>	1	1	1	3
<i>chelonae</i>	830	724	235	1,789
<i>fallax</i>	5	2	-	7
<i>farcinogenes</i>	1	-	-	1
<i>flavescens</i>	485	259	99	843
<i>fortuitum</i>	3,193	1,889	519	5,601
<i>gastri</i>	18	8	5	31
<i>genavense</i>	3	1	-	4
<i>gordonae</i>	10,542	6,370	1,528	18,440
<i>haemophilum</i>	10	11	4	25
<i>hiberniae</i>	-	1	-	1
<i>interjectum</i>	6	3	-	9
<i>intermedium</i>	1	-	-	1
<i>intracellulare</i>	546	517	19	1,081
<i>kansasii</i>	1,719	740	325	2,784
<i>malmoense</i>	55	41	5	101
<i>marinum</i>	371	185	79	635
<i>mucogenicum</i>	11	12	3	26
<i>neoaurum</i>	2	2	-	4
<i>nonchromogenicum</i>	12	6	2	20
<i>peregrinum</i>	7	6	1	14
<i>scrofulaceum</i>	377	180	59	616
<i>senegalense</i>	1	-	-	1
<i>shimoidei</i>	-	1	1	2
<i>simiae</i>	410	278	72	760
<i>smegmatis</i>	25	19	5	49
<i>szulgai</i>	136	65	25	226
<i>terrae</i>	1,256	650	147	2,053
<i>thermoresistibile</i>	-	1	-	1
<i>tokaiense</i>	1	-	-	1
<i>triviale</i>	-	1	1	2
<i>ulcerans</i>	-	1	2	3
<i>vaccae</i>	18	8	6	32
<i>xenopi</i>	744	352	185	1,281
nonphotochromogen	179	79	20	278
photochromogen	16	6	2	24
rapid	423	284	105	812
scotochromogen	69	57	6	132
unknown	5,612	3,441	862	9,915
Total	46,868	27,907	7,700	82,475

Table 4. Nontuberculous mycobacteria reported by species/category and age group, inclusive for 1993 to 1996

Species/ Category	Age Group					Not stated	Total
	Under 5	5-14	15-29	30-49	50+		
<i>abscessus</i>	3	-	8	14	42	23	90
<i>asiaticum</i>	-	2	11	36	47	11	107
<i>aurum</i>	-	-	-	-	-	1	1
<i>avium</i>	537	285	2,438	11,730	15,843	3,800	34,633
<i>bovis</i> , BCG	2	-	2	2	27	3	36
<i>celatum</i>	-	-	-	-	2	1	3
<i>chelonae</i>	20	48	99	344	1007	271	1789
<i>fallax</i>	-	-	-	1	5	1	7
<i>faracinogenes</i>	-	-	-	-	-	1	1
<i>flavescens</i>	5	13	85	259	382	99	843
<i>fortuitum</i>	41	81	437	1475	2927	640	5601
<i>gastris</i>	-	-	2	9	13	7	31
<i>genavense</i>	-	-	-	4	-	-	4
<i>gordonae</i>	93	117	1,166	4,571	10,509	1,984	18,440
<i>haemophilum</i>	-	-	4	7	9	5	25
<i>hiberniae</i>	-	-	-	1	-	-	1
<i>interjectum</i>	-	-	-	6	3	-	9
<i>intermedium</i>	-	-	-	-	-	1	1
<i>intracellulare</i>	9	5	31	181	726	129	1,081
<i>kansasii</i>	15	12	176	945	1,186	450	2,784
<i>malmoense</i>	1	2	9	34	44	11	101
<i>marinum</i>	7	16	51	227	220	114	635
<i>mucogenicum</i>	1	1	1	8	14	1	26
<i>neoaurum</i>	-	-	-	1	3	2	4
<i>nonchromogenicum</i>	1	-	4	5	7	3	20
<i>peregrinum</i>	-	-	-	4	8	2	14
<i>scrofulaceum</i>	16	5	45	171	321	58	616
<i>senegalense</i>	-	-	1	-	-	-	1
<i>shimoidei</i>	-	-	-	-	2	-	2
<i>simiae</i>	11	6	53	172	392	126	760
<i>smegmatis</i>	-	-	9	11	21	8	49
<i>szulgai</i>	2	1	18	64	107	34	226
<i>terrae</i>	17	31	195	674	950	186	2,053
<i>thermoresistibile</i>	-	-	-	-	1	-	1
<i>tokaiense</i>	-	-	-	-	1	-	1
<i>triviale</i>	-	-	-	-	1	1	2
<i>ulcerans</i>	-	-	-	-	1	2	3
<i>vaccae</i>	-	-	3	13	16	-	32
<i>xenopi</i>	10	2	74	482	573	140	1,281
nonphotochromogen	3	2	30	109	118	16	278
photochromogen	-	-	3	8	11	2	24
rapid	7	10	64	190	449	92	812
scotochromogen	4	1	7	38	75	7	132
unknown	112	119	751	2,767	5,113	1,053	9,915
Total	917	759	5,777	24,563	41,176	9,283	82,475

Table 5. Nontuberculous mycobacteria reported by body site, 1993-1996

Body Site	1993		1994		1995		1996		Report Total
	No. Reports	Yearly %	No. Reports	Yearly %	No. Reports	Yearly %	No. Reports	Yearly %	
abscess	56	0.29	67	0.32	66	0.30	66	0.32	255
blood	1,129	5.84	1,249	5.93	108	4.99	756	3.66	4,205
bone	88	0.46	33	0.16	25	0.12	18	0.09	164
b/marrow	99	0.51	144	0.68	100	0.46	78	0.38	421
csf	36	0.19	30	0.14	21	0.10	21	0.01	108
gastric	88	0.46	70	0.33	82	0.38	49	0.24	289
joint	64	0.33	46	0.22	33	0.15	14	0.07	157
lung	663	3.43	1,630	7.74	1,779	8.21	2,030	9.95	6,102
lymph	83	0.43	91	0.43	79	0.36	66	0.32	319
pleural	67	0.35	47	0.22	43	0.20	39	0.19	196
sputum	14,000	72.39	14,658	69.58	14,322	66.12	13,101	64.19	56,081
stool	292	1.51	280	1.33	265	1.22	232	1.14	1,069
throat	6	0.03	5	0.02	3	0.01	8	0.04	22
tracheal	38	0.20	33	0.16	19	0.09	19	0.09	109
urine	196	1.01	182	0.86	146	0.67	139	0.68	663
wound	430	2.22	451	2.14	306	1.41	332	1.63	1,519
unknown	2,004	10.36	2,051	9.74	3,289	15.19	3,452	16.91	10,796
Total	19,339		21,067		21,659		20,410		82,475

Table 6. Nontuberculous mycobacteria reported by species/category and body site, inclusive for 1993-1996

Species/ Category	abcess	% ^a	blood	%	bone	%	b/marrow	%	csf	%	gastric	%	joint	%	lung	%	lymph	%
<i>abscessus</i>	5	1.96	-	-	-	-	-	-	-	-	-	-	1	0.64	14	0.23	-	-
<i>asiaticum</i>	-	-	1	0.02	-	-	-	-	1	0.93	-	-	-	-	5	0.08	-	-
<i>aurum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>avium</i>	89	34.90	3,785	90.01	129	78.66	378	89.79	46	42.59	82	28.37	77	49.04	2,810	46.05	234	73.35
<i>bovis</i> , BCG	3	1.18	2	0.05	2	1.22	-	-	-	-	-	-	-	-	2	0.03	1	0.31
<i>celatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>chelonae</i>	19	7.45	36	0.86	4	2.44	2	0.48	3	2.78	2	0.69	9	5.73	144	2.36	6	1.88
<i>fallax</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>farcinogenes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>flavescens</i>	2	0.78	2	0.05	1	0.61	1	0.24	5	4.63	2	0.69	-	-	31	-	3	0.94
<i>fortuitum</i>	45	17.65	54	1.28	5	3.05	1	0.24	7	6.48	18	6.23	8	5.10	162	2.65	5	1.57
<i>gastrii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.05	-	-
<i>genavense</i>	-	-	2	0.05	-	-	1	0.24	-	-	-	-	-	-	-	-	-	-
<i>gordonae</i>	13	5.10	11	0.26	1	0.61	4	0.95	13	12.04	104	35.99	5	3.18	1,792	29.37	8	2.51
<i>haemophilum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.31
<i>hiberniae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>interjectum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02	-	-
<i>intermedium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>intracellulare</i>	-	-	49	1.17	-	-	7	1.66	1	0.93	3	1.04	1	0.64	240	3.93	3	0.94
<i>kansasii</i>	3	1.18	55	1.31	9	5.49	7	1.66	2	1.85	6	2.08	2	1.27	203	3.33	9	2.82
<i>malmoense</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.05	2	0.63
<i>marinum</i>	11	4.31	1	0.02	-	-	-	-	2	1.85	-	-	30	19.11	2	0.03	5	1.57
<i>mucogenicum</i>	-	-	6	0.14	-	-	-	-	1	0.93	-	-	-	-	4	0.07	-	-
<i>neoaurum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02	-	-
<i>nonchromogenicum</i>	1	0.39	-	-	-	-	-	-	-	-	-	-	-	-	4	0.07	-	-
<i>peregrinum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.03	-	-
<i>scrofulaceum</i>	1	0.39	12	0.29	-	-	3	0.71	-	-	4	1.38	1	0.64	54	0.88	4	1.25
<i>senegalense</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>shimoidei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02	-	-
<i>simiae</i>	1	0.39	24	0.57	-	-	3	0.71	-	-	7	2.42	2	1.27	52	0.85	5	1.57
<i>smegmatis</i>	-	-	-	-	-	-	-	-	2	1.85	-	-	-	-	4	0.07	-	-
<i>szulgai</i>	1	0.39	-	-	-	-	-	-	-	-	1	0.35	1	0.64	18	0.29	2	0.63
<i>terrae</i>	2	0.78	4	0.01	-	-	1	0.24	-	-	9	3.11	3	1.91	54	0.88	1	0.31
<i>thermoresistibile</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>tokaiense</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>triviale</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02	-	-
<i>ulcerans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>vaccae</i>	-	-	3	0.07	1	0.61	-	-	-	-	-	-	-	-	-	-	-	-
<i>xenopi</i>	1	0.39	8	0.19	5	3.05	3	0.71	2	1.85	-	-	1	0.64	118	1.93	2	0.63
nonphotochromogen	-	-	2	0.05	-	-	-	-	1	0.93	4	1.38	-	-	4	0.07	-	-
photochromogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
rapid	4	1.57	24	0.57	2	1.22	1	0.24	8	7.41	1	0.35	3	1.91	44	0.72	3	0.94
scotochromogen	1	0.39	1	0.02	1	0.61	-	-	-	-	2	0.69	-	-	14	0.23	-	-
unknown	53	20.78	122	2.90	4	2.44	9	2.14	14	12.96	44	15.22	13	8.28	315	5.16	25	7.84
Total	255		4,205		164		421		108		289		157		6,102		319	

^aPercentage of total number of reports

Table 6, cont. Nontuberculous mycobacteria reported by species/category and body site, inclusive for 1993-1996

Species/ Category	pleural	% ^a	sputum	%	stool	%	throat	%	tracheal	%	urine	%	wound	%	unknown	%	Total
<i>abscessus</i>	1	0.51	46	0.08	1	0.09	1	4.55	-	-	-	-	16	1.05	5	0.05	90
<i>asiaticum</i>	-	-	91	0.16	-	-	-	-	-	-	-	-	1	0.07	8	0.07	107
<i>aurum</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>avium</i>	88	44.90	21,127	37.67	719	67.26	13	59.09	52	47.71	162	24.43	506	33.31	4,336	40.16	34,633
<i>bovis</i> , BCG	-	-	2	0.00	-	-	-	-	-	-	13	1.96	7	0.46	4	0.04	36
<i>celatum</i>	-	-	2	0.00	-	-	-	-	-	-	-	-	-	-	1	0.01	3
<i>chelonae</i>	2	1.02	1,084	1.93	10	0.94	-	-	2	1.83	17	2.56	101	6.65	348	3.22	1,789
<i>fallax</i>	4	2.04	2	0.00	-	-	-	-	-	-	-	-	-	-	1	0.01	7
<i>farcinogenes</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>flavescens</i>	4	2.04	716	1.28	1	0.09	-	-	-	-	8	1.21	18	1.18	49	0.45	843
<i>fortuitum</i>	16	8.16	4,522	8.06	29	2.71	2	9.09	5	4.59	40	6.03	201	13.23	481	4.46	5,601
<i>gastrii</i>	-	-	27	0.05	-	-	-	-	-	-	-	-	-	-	1	0.01	31
<i>genavense</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	0.07	-	-	4
<i>gordoniae</i>	32	16.33	14,099	25.14	168	15.72	5	22.73	25	22.94	245	36.95	67	4.41	1,848	17.12	18,440
<i>haemophilum</i>	-	-	10	0.02	-	-	-	-	-	-	-	-	7	0.46	6	0.06	25
<i>hiberniae</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>interjectum</i>	-	-	7	0.01	-	-	-	-	-	-	-	-	-	-	1	0.01	9
<i>intermedium</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>intracellulare</i>	6	3.06	593	1.06	16	1.50	-	-	2	1.83	9	1.36	16	1.05	135	1.25	1,081
<i>kansasii</i>	10	5.10	2,035	3.63	24	2.25	-	-	3	2.75	12	1.81	49	3.23	355	3.29	2,784
<i>malmoense</i>	-	-	78	0.14	1	0.09	-	-	-	-	-	-	1	0.07	16	0.15	101
<i>marinum</i>	-	-	47	0.08	-	-	-	-	-	-	-	-	269	17.71	268	2.48	635
<i>mucogenicum</i>	-	-	12	-	0.02	-	-	-	-	-	-	-	-	-	3	0.03	26
<i>neoaaurum</i>	-	-	3	0.01	-	-	-	-	-	-	-	-	-	-	-	-	4
<i>nonchromogenicum</i>	-	-	11	0.02	-	-	-	-	-	-	-	-	1	0.07	3	0.03	20
<i>peregrinum</i>	-	-	11	0.02	-	-	-	-	-	-	1	0.15	-	-	-	-	14
<i>scrofulaceum</i>	-	-	472	0.84	2	0.19	-	-	4	3.67	5	0.75	8	0.53	46	0.43	616
<i>senegalense</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>shimoidei</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	2
<i>simiae</i>	-	-	574	1.02	16	1.50	-	-	-	-	19	2.87	10	0.66	47	0.44	760
<i>smegmatis</i>	-	-	26	0.05	1	0.09	-	-	-	-	1	0.15	8	0.53	7	0.06	49
<i>szulgai</i>	1	0.51	156	0.28	2	0.19	-	-	-	-	3	0.45	6	0.39	35	0.32	226
<i>terrae</i>	-	-	1,811	3.23	15	1.40	-	-	-	-	23	3.47	12	0.79	118	1.09	2,053
<i>thermoresistibile</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>tokaiense</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.01	1
<i>triviale</i>	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	2
<i>ulcerans</i>	-	-	2	0.00	-	-	-	-	-	-	-	-	-	-	1	0.01	3
<i>vaccae</i>	-	-	25	0.04	-	-	-	-	-	-	-	-	1	0.07	2	0.02	32
<i>xenopi</i>	4	2.04	927	1.65	10	0.94	-	-	3	2.75	13	1.96	12	0.79	172	1.59	1,281
nonphotochromogen	-	-	248	0.44	4	0.37	-	-	1	0.92	3	0.45	1	0.07	10	0.09	278
photo chromogen	-	-	10	0.02	-	-	-	-	-	-	-	-	-	-	14	0.13	24
rapid	4	2.04	563	1.00	5	0.47	-	-	-	-	10	1.51	30	1.97	110	1.02	812
scotochromogen	1	0.51	95	0.17	1	0.09	-	-	-	-	-	-	3	0.20	13	0.12	132
unknown	23	11.73	6,639	11.84	44	4.12	1	4.55	12	11.01	79	11.92	167	10.99	2,351	21.78	9,915
Total	196		56,081		1,069		22		109		663		1,519		10,796		82,475

^aPercentage of total number of reports

Table 7. Nontuberculous mycobacteria reported by Alabama, 1993-1996

Alabama Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. ^a 4,187,000			Est. Pop. 4,219,000			Est. Pop. 4,253,000			Est. Pop. 4,273,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	1	0.16	0.02	-	-	-	-	-	-	3	0.55	0.07
<i>avium</i>	384	62.95	9.17	303	53.82	7.18	288	55.38	6.77	305	56.27	7.14
<i>bovis</i> , BCG	-	-	-	-	-	-	-	-	-	2	0.37	0.05
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	19	3.51	0.44
<i>flavescens</i>	2	0.33	0.05	1	0.18	0.02	-	-	-	-	-	-
<i>fortuitum</i>	32	5.25	0.76	21	3.73	0.50	28	5.38	0.66	39	7.20	0.91
<i>gordonae</i>	89	14.59	2.13	103	18.29	2.44	82	15.77	1.93	66	12.18	1.54
<i>kansasii</i>	18	2.95	0.43	40	7.10	0.95	33	6.35	0.78	37	6.83	0.87
<i>malmoense</i>	1	0.16	0.02	-	-	-	1	0.19	0.02	-	-	-
<i>marinum</i>	16	2.62	0.38	25	4.44	0.59	8	1.54	0.19	10	1.85	0.23
<i>scrofulaceum</i>	13	2.13	0.31	11	1.95	0.26	13	2.50	0.31	7	1.29	0.16
<i>simiae</i>	1	0.16	0.02	-	-	-	-	-	-	-	-	-
<i>terrae</i>	10	1.64	0.24	9	1.60	0.21	5	0.96	0.12	5	0.92	0.12
<i>xenopi</i>	7	1.15	0.17	7	1.24	0.17	9	1.73	0.21	6	1.11	0.14
rapid	7	1.15	0.17	5	0.89	0.12	7	1.35	0.16	4	0.74	0.09
scotochromogen	-	-	-	2	0.36	0.05	2	0.38	0.05	11	2.03	0.26
unknown	29	4.75	0.69	34	6.04	0.81	44	8.46	1.03	28	5.17	0.66
Total	610		14.56	563		13.34	520		12.22	542		12.68

Table 8. Nontuberculous mycobacteria reported by Alaska, 1993-1996

Alaska Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 599,000			Est. Pop. 606,000			Est. Pop. 604,000			Est. Pop. 606,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	8	33.33	1.34	1	10.0	0.17	-	-	-	-	-	-
<i>chelonae</i>	1	4.17	0.17	-	-	-	-	-	-	-	-	-
<i>terrae</i>	-	-	-	-	-	-	-	-	-	1	100.0	0.16
rapid	4	16.67	0.67	9	90.0	1.49	-	-	-	-	-	-
unknown	11	45.83	1.84	-	-	-	-	-	-	-	-	-
Total	24		4.0	10		1.66				1		0.16

^aEstimated population.

Table 9. Nontuberculous mycobacteria reported by Arizona, 1993-1996

Arizona Reports												
Species/ Category	1993 Est. Pop. 3,936,000			1994 Est. Pop. 4,075,000			1995 Est. Pop. 4,218,000			1996 Est. Pop. 4,428,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	13	1.68	0.31	26	3.11	0.59
<i>asiaticum</i>	-	-	-	1	0.14	0.02	4	0.52	0.09	1	0.12	0.02
<i>avium</i>	49	10.47	1.24	119	16.21	2.92	112	14.45	2.66	130	15.57	2.94
<i>bovis</i> , BCG	3	0.64	0.08	-	-	-	2	0.26	0.05	1	0.12	0.02
<i>celatum</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.02
<i>chelonae</i>	10	2.14	0.25	3	0.41	0.07	3	0.39	0.07	10	1.20	0.23
<i>fallax</i>	-	-	-	-	-	-	-	-	-	5	0.60	0.11
<i>farcinogenes</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.02
<i>flavescens</i>	18	3.85	0.46	38	5.18	0.93	38	4.90	0.90	63	7.54	1.42
<i>fortuitum</i>	25	5.34	0.64	55	7.49	1.35	88	11.35	2.09	59	7.07	1.33
<i>gastrii</i>	-	-	-	-	-	-	1	0.13	0.02	-	-	-
<i>genavense</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.02
<i>gordonae</i>	73	15.60	1.85	93	12.67	2.28	137	17.68	3.25	190	22.75	4.29
<i>haemophilum</i>	2	0.43	0.05	3	0.41	0.07	3	0.39	0.07	2	0.24	0.05
<i>interjectum</i>	-	-	-	-	-	-	1	0.13	0.02	1	0.12	0.02
<i>intermedium</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.02
<i>intracellulare</i>	183	39.10	4.65	251	34.20	6.16	194	25.03	4.60	181	21.68	4.09
<i>kansasii</i>	30	6.41	0.76	39	5.31	0.96	34	4.39	0.81	35	4.19	0.79
<i>malmoense</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.02
<i>marinum</i>	1	0.21	0.03	6	0.82	0.15	2	0.26	0.05	-	-	-
<i>scrofulaceum</i>	12	2.56	0.30	4	0.54	0.10	4	0.52	0.09	7	0.84	0.16
<i>simiae</i>	37	7.91	0.94	62	8.45	1.52	71	9.16	1.68	72	8.62	1.63
<i>szulgai</i>	4	0.85	0.10	5	0.68	0.12	2	0.26	0.05	5	0.60	0.11
<i>terrae</i>	5	1.07	0.13	10	1.36	0.25	7	0.90	0.17	12	1.44	0.27
<i>xenopi</i>	4	0.85	0.10	3	0.41	0.07	5	0.65	0.12	6	0.72	0.14
photochromogen	-	-	-	-	-	-	-	-	-	1	0.12	0.02
rapid	-	-	-	-	-	-	3	0.39	0.07	20	2.40	0.45
scotochromogen	-	-	-	-	-	-	1	0.13	0.02	1	0.12	0.02
unknown	12	2.56	0.30	42	5.72	1.03	50	6.45	1.19	2	0.24	0.05
Total	468		11.89	734		18.01	775		18.37	835		18.86

Table 10. Nontuberculous mycobacteria reported by Arkansas, 1993-1996

Arkansas Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 2,424,000			Est. Pop. 2,453,000			Est. Pop. 2,484,000			Est. Pop. 2,510,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	-	-	-	223	29.27	9.09	181	22.24	7.29	131	20.34	5.22
<i>chelonae</i>	-	-	-	14	1.84	0.57	2	0.25	0.08	1	0.16	0.04
<i>flavescens</i>	-	-	-	1	0.13	0.04	-	-	-	3	0.47	0.12
<i>fortuitum</i>	-	-	-	8	1.05	0.33	4	0.49	0.16	2	0.31	0.08
<i>gordonae</i>	-	-	-	27	3.54	1.10	33	4.05	1.33	26	4.04	1.04
<i>kansasii</i>	-	-	-	11	1.44	0.45	10	1.23	0.40	4	0.62	0.16
<i>scrofulaceum</i>	-	-	-	1	0.13	0.04	-	-	-	-	-	-
<i>terrae</i>	-	-	-	5	0.66	0.20	1	0.12	0.04	1	0.16	0.04
<i>xenopi</i>	-	-	-	2	0.26	0.08	4	0.49	0.16	-	-	-
rapid	-	-	-	1	0.13	0.04	-	-	-	-	-	-
unknown	2	100	0.08	469	61.55	19.12	579	71.13	23.31	476	73.91	18.96
Total	2		0.08	762		31.06	814		32.76	644		25.65

Table 11. Nontuberculous mycobacteria reported by California, 1993-1996

California Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 33,211,000			Est. Pop. 31,431,000			Est. Pop. 31,589,000			Est. Pop. 31,878,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	155	26.69	0.50	216	25.93	0.69	320	23.09	1.01	333	33.67	1.04
<i>chelonae</i>	1	0.19	0.00	-	-	-	6	0.43	0.02	18	1.82	0.06
<i>flavescens</i>	56	10.73	0.18	110	13.21	0.35	154	11.11	0.49	56	5.66	0.18
<i>fortuitum</i>	69	13.22	0.22	156	18.73	0.50	216	15.58	0.68	105	10.62	0.33
<i>gastrii</i>	1	0.19	0.00	3	0.36	0.01	6	0.43	0.02	2	0.20	0.01
<i>gordonae</i>	108	20.69	0.35	120	14.41	0.38	354	25.54	1.12	257	25.99	0.81
<i>kansasii</i>	9	1.72	0.03	28	3.36	0.09	38	2.74	0.12	16	1.62	0.05
<i>marinum</i>	-	-	-	-	-	-	-	-	-	2	0.20	0.01
<i>scrofulaceum</i>	3	0.57	0.01	3	0.36	0.01	2	0.14	0.01	6	0.61	0.02
<i>simiae</i>	4	0.77	0.01	13	1.56	0.04	24	1.73	0.08	7	0.71	0.02
<i>smegmatis</i>	-	-	-	-	-	-	-	-	-	2	0.20	0.01
<i>szulgai</i>	1	0.19	0.00	1	0.12	0.00	4	0.29	0.01	5	0.51	0.02
<i>terrae</i>	12	2.30	0.04	33	3.96	0.10	41	2.96	0.13	23	2.33	0.07
<i>xenopi</i>	19	3.64	0.06	25	3.00	0.08	57	4.11	0.18	11	1.11	0.03
rapid	36	6.90	0.12	44	5.28	0.14	65	4.69	0.21	36	3.64	0.11
unknown	48	9.20	0.15	81	9.72	0.26	99	7.14	0.31	110	11.12	0.35
Total	522		1.57	833		2.65	1386		4.39	989		3.10

Table 12. Nontuberculous mycobacteria reported by Colorado, 1993-1996

Colorado Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 3,566,000			Est. Pop. 3,656,000			Est. Pop. 3,747,000			Est. Pop. 3,823,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	3	100	0.08	9	100	0.25	-	-	-	-	-	-
Total	3		0.08	3		0.08	-	-	-	-	-	-

Table 13. Nontuberculous mycobacteria reported by Connecticut, 1993-1996

Connecticut Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 3,277,000			Est. Pop. 3,275,000			Est. Pop. 3,275,000			Est. Pop. 3,274,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	346	59.66	10.56	299	55.58	9.13	180	41.00	5.50	87	66.92	2.66
<i>bovis</i> , BCG	-	-	-	2	0.37	0.06	-	-	-	-	-	-
<i>chelonae</i>	-	-	-	-	-	-	1	0.23	0.03	1	0.77	0.03
<i>fortuitum</i>	12	2.07	0.37	12	2.23	0.37	7	1.59	0.21	1	0.77	0.03
<i>genavense</i>	-	-	-	-	-	-	1	0.23	0.03	-	-	-
<i>gordonae</i>	166	28.62	5.07	155	28.81	4.73	76	17.31	2.32	23	17.69	0.70
<i>intracellulare</i>	1	0.17	0.03	6	1.12	0.18	131	29.84	4.00	6	4.62	0.18
<i>kansasii</i>	10	1.72	0.31	19	3.53	0.58	5	1.14	0.15	1	0.77	0.03
<i>marinum</i>	1	0.17	0.03	4	0.74	0.12	5	1.14	0.15	1	0.77	0.03
<i>scrofulaceum</i>	2	0.34	0.06	3	0.56	0.09	1	0.23	0.03	-	-	-
<i>simiae</i>	3	0.52	0.09	3	0.56	0.09	-	-	-	-	-	-
<i>szulgai</i>	1	0.17	0.03	-	-	-	-	-	-	-	-	-
<i>terrae</i>	2	0.34	0.06	6	1.12	0.18	-	-	-	-	-	-
<i>xenopi</i>	13	2.24	0.40	11	2.04	0.34	16	3.64	0.49	6	4.62	0.18
rapid	1	0.17	0.03	1	0.19	0.03	-	-	-	-	-	-
unknown	22	3.79	0.67	17	3.16	0.52	16	3.64	0.49	4	3.08	0.12
Total	580		17.70	538		16.42	439		13.40	130		3.97

Table 14. Nontuberculous mycobacteria reported by Delaware, 1993-1996

Delaware Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 700,000			Est. Pop. 706,000			Est. Pop. 717,000			Est. Pop. 725,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	24	52.17	3.43	28	48.28	3.97	43	62.32	6.00	58	63.04	8.00
<i>chelonae</i>	-	-	-	3	5.17	0.42	2	2.90	0.28	2	2.17	0.28
<i>fortuitum</i>	1	2.17	0.14	8	13.79	1.13	-	-	-	6	6.52	0.83
<i>gordonae</i>	9	19.57	1.29	6	10.34	0.85	11	15.94	1.53	18	19.57	2.48
<i>kansasii</i>	2	4.35	0.29	6	10.34	0.85	5	7.25	0.70	1	1.09	0.14
<i>marinum</i>	2	4.35	0.29	1	1.72	0.14	1	1.45	0.14	2	2.17	0.28
<i>scrofulaceum</i>	3	6.52	0.43	2	3.45	0.28	2	2.90	0.28	3	3.26	0.41
<i>simiae</i>	1	2.17	0.14	-	-	-	-	-	-	-	-	-
<i>terrae</i>	-	-	-	2	3.45	0.28	-	-	-	-	-	-
<i>xenopi</i>	-	-	-	1	1.72	0.14	2	2.90	0.28	1	1.09	0.14
nonchromogenicum	-	-	-	-	-	-	2	2.90	0.28	-	-	-
scotochromogen	2	4.35	0.29	-	-	-	-	-	-	-	-	-
unknown	2	4.35	0.29	1	1.72	0.14	1	1.45	0.14	1	1.09	0.14
Total	46		6.57	58		8.21	69		9.62	92		12.69

Table 15. Nontuberculous mycobacteria reported by the District of Columbia, 1993-1996

District of Columbia Reports												
Species/ Category	1993			1994			1995			1996		
	Est. Pop. 578,000			Est. Pop. 570,000			Est. Pop. 554,000			Est. Pop. 543,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	35	53.03	6.06	38	56.72	6.67	9	24.32	1.62	1	33.33	0.18
<i>flavescens</i>	-	-	-	1	1.49	0.18	-	-	-	-	-	-
<i>fortuitum</i>	5	7.58	0.87	4	5.97	0.70	4	10.81	0.72	1	33.33	0.18
<i>gordonae</i>	2	3.03	0.35	1	1.49	0.18	1	2.70	0.18	-	-	-
<i>intracellulare</i>	-	-	-	1	1.49	0.18	3	8.11	0.54	-	-	-
<i>kansasii</i>	20	30.30	3.46	18	26.87	3.16	11	29.73	1.99	1	33.33	0.18
<i>scrofulaceum</i>	-	-	-	1	1.49	0.18	1	2.70	0.18	-	-	-
<i>szulgai</i>	-	-	-	-	-	-	1	2.70	0.18	-	-	-
<i>terrae</i>	2	3.03	0.35	-	-	-	3	8.11	0.54	-	-	-
<i>xenopi</i>	-	-	-	-	-	-	1	2.70	0.18	-	-	-
nonphotochromogen	1	1.52	0.17	-	-	-	-	-	-	-	-	-
unknown	1	1.52	0.17	3	4.48	0.53	3	8.11	0.54	-	-	-
Total	66		11.42	67		11.75	37		6.68	3		0.55

Table 16. Nontuberculous mycobacteria reported by Florida, 1993-1996

Species/ Category	Florida Reports											
	1993 Est. Pop. 13,679,000			1994 Est. Pop. 13,953,000			1995 Est. Pop. 14,166,000			1996 Est. Pop. 14,400,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	4	0.10	0.03	10	0.30	0.07	9	0.23	0.06	37	0.83	0.26
<i>avium</i>	1,720	43.32	12.57	1,519	44.82	10.89	1,591	41.03	11.23	1,728	38.96	12.00
<i>bovis</i> , BCG	-	-	-	-	-	-	1	0.03	0.01	-	-	-
<i>chelonae</i>	-	-	-	-	-	-	10	0.26	0.07	193	4.35	1.34
<i>flavescens</i>	50	1.26	0.37	40	1.18	0.29	28	0.72	0.20	10	0.23	0.07
<i>fortuitum</i>	328	8.26	2.40	450	13.28	3.23	508	13.10	3.59	463	10.44	3.22
<i>gastrii</i>	-	-	-	2	0.06	0.01	-	-	-	-	-	-
<i>gordonae</i>	1,213	30.55	8.87	757	22.34	5.43	921	23.75	6.50	1,295	29.20	8.99
<i>haemophilum</i>	11	0.28	0.08	-	-	-	-	-	-	-	-	-
<i>kansasii</i>	56	1.41	0.41	56	1.65	0.40	49	1.26	0.35	74	1.67	0.51
<i>malmoense</i>	18	0.45	0.13	17	0.50	0.12	11	0.28	0.08	7	0.16	0.05
<i>marinum</i>	15	0.38	0.11	13	0.38	0.09	13	0.34	0.09	24	0.54	0.17
<i>scrofulaceum</i>	106	2.67	0.77	45	1.33	0.32	24	0.62	0.17	9	0.20	0.06
<i>simiae</i>	1	0.03	0.01	4	0.12	0.03	12	0.31	0.08	29	0.65	0.20
<i>smegmatis</i>	1	0.03	0.01	2	0.06	0.01	2	0.05	0.01	5	0.11	0.03
<i>szulgai</i>	12	0.30	0.09	15	0.44	0.11	15	0.39	0.11	3	0.07	0.02
<i>terrae</i>	210	5.29	1.54	198	5.84	1.42	288	7.43	2.03	238	5.37	1.65
<i>vaccae</i>	-	-	-	-	-	-	1	0.03	0.01	-	-	-
<i>xenopi</i>	2	0.05	0.01	8	0.24	0.06	10	0.26	0.07	11	0.25	0.08
nonphotochromogen	1	0.03	0.01	2	0.06	0.01	2	0.05	0.01	1	0.02	0.01
photochromogen	1	0.03	0.01	1	0.03	0.01	-	-	-	-	-	-
rapid	7	0.18	0.05	4	0.12	0.03	8	0.21	0.06	-	-	-
scotochromogen	6	0.15	0.04	3	0.09	0.02	6	0.15	0.04	5	0.11	0.03
unknown	208	5.24	1.52	243	7.17	1.74	369	9.52	2.60	303	6.83	2.10
Total	3970		29.02	3389		24.29	3878		27.37	4435		30.79

Table 17. Nontuberculous mycobacteria reported by Georgia, 1993-1996

Georgia Reports												
Species/ Category	1993 Est. Pop. 6,917,000			1994 Est. Pop. 7,055,000			1995 Est. Pop. 7,201,000			1996 Est. Pop. 7,353,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	-	-	-	63	37.72	0.89	552	36.90	7.67	444	41.53	6.04
<i>chelonae</i>	-	-	-	-	-	-	24	1.60	0.33	13	1.22	0.18
<i>flavescens</i>	-	-	-	1	0.60	0.01	-	-	-	-	-	-
<i>fortuitum</i>	-	-	-	11	6.59	0.16	25	1.67	0.35	14	1.31	0.19
<i>gordonae</i>	-	-	-	15	8.98	0.21	137	9.16	1.90	100	9.35	1.36
<i>kansasii</i>	-	-	-	3	1.80	0.04	18	1.20	0.25	12	1.12	0.16
<i>malmoense</i>	-	-	-	3	1.80	0.04	3	0.20	0.04	4	0.37	0.05
<i>marinum</i>	-	-	-	-	-	-	3	0.20	0.04	1	0.09	0.01
<i>scrofulaceum</i>	-	-	-	-	-	-	2	0.13	0.03	-	-	-
<i>szulgai</i>	-	-	-	-	-	-	6	0.40	0.08	6	0.56	0.08
<i>terrae</i>	-	-	-	2	1.20	0.03	14	0.94	0.19	5	0.47	0.07
<i>xenopi</i>	-	-	-	6	3.59	0.09	24	1.60	0.33	12	1.12	0.16
photochromogen	-	-	-	1	0.60	0.01	9	0.60	0.12	-	-	-
rapid	-	-	-	3	1.80	0.04	20	1.34	0.28	19	1.78	0.26
scotochromogen	-	-	-	1	0.60	0.01	-	-	-	-	-	-
unknown	-	-	-	58	34.73	0.82	659	44.05	9.15	439	41.07	5.97
Total	-	-	-	167		2.38	1496		20.77	1069		14.54

Table 18. Nontuberculous mycobacteria reported by Idaho, 1993-1996

Species/ Category	Idaho Reports											
	1993			1994			1995			1996		
	Est. Pop. 1,099,000			Est. Pop. 1,133,000			Est. Pop. 1,163,000			Est. Pop. 1,189,000		
	No.	% of Total	Report Rate	No.	% of Total	Report Rate	No.	% of Total	Report Rate	No.	% of Total	Report Rate
<i>avium</i>	43	44.79	3.91	48	55.81	4.24	55	49.55	4.73	22	27.50	1.85
<i>bovis</i> , BCG	-	-	-	1	1.16	0.09	-	-	-	-	-	-
<i>chelonae</i>	4	4.17	0.36	3	3.49	0.26	2	1.80	0.17	4	5.00	0.34
<i>flavescens</i>	-	-	-	1	1.16	0.09	2	1.80	0.17	1	1.25	0.08
<i>fortuitum</i>	4	4.17	0.36	6	6.98	0.53	6	5.41	0.52	7	8.75	0.59
<i>gordonae</i>	37	38.54	3.37	15	17.44	1.32	26	23.42	2.24	38	47.50	3.20
<i>kansasii</i>	2	2.08	0.18	5	5.81	0.44	3	2.70	0.26	1	1.25	0.08
<i>malmoense</i>	-	-	-	1	1.16	0.09	-	-	-	1	1.25	0.08
<i>marinum</i>	2	2.08	0.18	-	-	-	4	3.60	0.34	1	1.25	0.08
<i>scrofulaceum</i>	1	1.04	0.09	-	-	-	2	1.80	0.17	-	-	-
<i>simiae</i>	-	-	-	-	-	-	1	0.90	0.09	-	-	-
<i>szulgai</i>	-	-	-	1	1.16	0.09	-	-	-	-	-	-
<i>terrae</i>	1	1.04	0.09	2	2.33	0.18	2	1.80	0.17	1	1.25	0.08
<i>xenopi</i>	-	-	-	-	-	-	-	-	-	1	1.25	0.08
nonphotochromogen	-	-	-	-	-	-	-	-	-	1	1.25	0.08
rapid	1	1.04	0.09	1	1.16	0.09	2	1.80	0.17	-	-	-
scotochromogen	1	1.04	0.09	1	1.16	0.09	1	0.90	0.09	-	-	-
unknown	-	-	-	1	1.16	0.09	5	4.50	0.43	2	2.50	0.17
Total	96		8.73	86		7.59	111		9.54	80		6.72

Table 19. Nontuberculous mycobacteria reported by Illinois, 1993-1996

Illinois Reports												
Species/ Category	1993 Est. Pop. 11,697,000			1994 Est. Pop. 11,752,000			1995 Est. Pop. 11,830,000			1996 Est. Pop. 11,847,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	202	27.56	1.73	118	13.20	1.00	164	17.14	1.39	208	16.71	1.76
<i>chelonae</i>	43	5.87	0.37	42	4.70	0.36	12	1.25	0.10	17	1.37	0.14
<i>flavescens</i>	3	0.41	0.03	-	-	-	-	-	-	-	-	-
<i>gastrii</i>	1	0.14	0.01	1	0.11	0.01	-	-	-	-	-	-
<i>gordonae</i>	258	35.20	2.21	150	16.78	1.28	75	7.84	0.63	83	6.67	0.70
<i>haemophilum</i>	1	0.14	0.01	-	-	-	-	-	-	-	-	-
<i>kansasii</i>	66	9.00	0.56	53	5.93	0.45	47	4.91	0.40	30	2.41	0.25
<i>marinum</i>	6	0.82	0.05	5	0.56	0.04	1	0.10	0.01	1	0.08	0.01
<i>scrofulaceum</i>	1	0.14	0.01	4	0.45	0.03	2	0.21	0.02	3	0.24	0.03
<i>simiae</i>	-	-	-	-	-	-	2	0.21	0.02	-	-	-
<i>smegmatis</i>	-	-	-	-	-	-	2	0.21	0.02	-	-	-
<i>szulgai</i>	7	0.95	0.06	2	0.22	0.02	2	0.21	0.02	3	0.24	0.03
<i>xenopi</i>	18	2.46	0.15	34	3.80	0.29	28	2.93	0.24	9	0.72	0.72
unknown	127	17.33	1.09	485	54.25	4.13	622	64.99	5.26	891	71.57	7.52
Total	733		6.27	894		7.62	957		8.09	1245		10.51

Table 20. Nontuberculous mycobacteria reported by Indiana, 1993-1996

Species/ Category	Indiana Reports											
	1993			1994			1995			1996		
	Est. Pop. 5,713,000			Est. Pop. 5,752,000			Est. Pop. 5,803,000			Est. Pop. 5,841,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	129	38.86	2.26	122	47.66	2.12	145	38.87	2.50	131	33.42	2.24
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	31	7.91	0.53
<i>flavescens</i>	-	-	-	-	-	-	2	0.54	0.03	-	-	-
<i>fortuitum</i>	24	7.23	0.42	29	11.33	0.50	20	5.36	0.34	25	6.38	0.43
<i>gastri</i>	-	-	-	-	-	-	1	0.27	0.02	2	0.51	0.03
<i>gordonae</i>	132	39.76	2.31	56	21.88	0.97	149	39.95	2.57	158	40.31	2.71
<i>kansasii</i>	11	3.31	0.19	7	2.73	0.12	10	2.68	0.17	11	2.81	0.19
<i>marinum</i>	2	0.60	0.04	2	0.78	0.03	-	-	-	1	0.26	0.02
<i>scrofulaceum</i>	2	0.60	0.04	-	-	-	3	0.80	0.05	2	0.51	0.03
<i>simiae</i>	-	-	-	-	-	-	2	0.54	0.03	-	-	-
<i>smegmatis</i>	-	-	-	-	-	-	-	-	-	1	0.26	0.02
<i>szulgai</i>	-	-	-	1	0.39	0.02	-	-	-	-	-	-
<i>terrae</i>	3	0.90	0.05	2	0.78	0.03	-	-	-	-	-	-
<i>xenopi</i>	11	3.31	0.19	16	6.25	0.28	25	6.70	0.43	9	2.30	0.15
rapid	3	0.90	0.05	1	0.39	0.02	-	-	-	-	-	-
unknown	15	4.52	0.26	20	7.81	0.35	16	4.29	0.28	21	5.36	0.36
Total	332		5.81	256		4.45	373		6.43	392		6.71

Table 21. Nontuberculous mycobacteria reported by Iowa, 1993 through 1996

Iowa Reports												
Species/ Category	1993 Est. Pop. 2,814,000			1994 Est. Pop. 2,829,000			1995 Est. Pop. 2,842,000			1996 Est. Pop. 2,852,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	100	40	3.55	80	33.06	2.83	116	38.16	4.08	132	41.25	4.63
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	22	6.88	0.77
<i>flavescens</i>	8	3.20	0.28	1	0.41	0.04	-	-	-	-	-	-
<i>fortuitum</i>	16	6.40	0.57	16	6.61	0.57	27	8.88	0.95	23	7.19	0.81
<i>gordonae</i>	79	31.60	2.81	113	46.69	3.99	117	38.49	4.12	118	36.88	4.14
<i>kansasii</i>	6	2.40	0.21	5	2.07	0.18	8	2.63	0.28	6	1.87	0.21
<i>marinum</i>	4	1.60	0.14	1	0.41	0.04	3	0.99	0.11	4	1.25	0.14
<i>scrofulaceum</i>	-	-	-	2	0.83	0.07	-	-	-	1	0.31	0.04
<i>smegmatis</i>	-	-	-	-	-	-	-	-	-	1	0.31	0.04
<i>terrae</i>	6	2.40	0.21	1	0.41	0.04	1	0.33	0.04	3	0.94	0.11
<i>xenopi</i>	3	1.20	0.11	9	3.72	0.32	4	1.32	0.14	3	0.94	0.11
unknown	28	11.20	1.00	14	5.79	0.49	28	9.21	0.99	7	2.19	0.25
Total	250		8.88	242		8.55	304		10.69	320		11.22

Table 22. Nontuberculous mycobacteria reported by Kansas, 1993-1996

Kansas Reports												
Species/ Category	1993 Est. Pop. 2,531,000			1994 Est. Pop. 2,544,000			1995 Est. Pop. 2,565,000			1996 Est. Pop. 2,572,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	83	28.52	3.28	111	33.13	4.35	104	37.41	4.05	123	37.27	4.78
<i>chelonae</i>	23	7.90	0.91	23	6.87	0.90	25	8.99	0.97	17	5.15	0.66
<i>flavescens</i>	2	0.69	0.08	2	0.60	0.08	1	0.36	0.04	3	0.91	0.12
<i>fortuitum</i>	25	8.59	0.99	62	18.51	2.43	28	10.07	1.09	22	6.67	0.86
<i>gastrii</i>	-	-	-	-	-	-	-	-	-	1	0.30	0.04
<i>gordonae</i>	103	35.40	4.07	97	28.96	3.80	72	25.90	2.81	95	28.79	3.69
<i>kansasii</i>	11	3.78	0.43	8	2.39	0.31	6	2.16	0.23	11	3.33	0.43
<i>malmoense</i>	-	-	-	1	0.03	0.04	-	-	-	-	-	-
<i>marinum</i>	-	-	-	-	-	-	2	0.72	0.08	-	-	-
<i>scrofulaceum</i>	2	0.69	0.08	5	1.49	0.20	1	0.36	0.04	1	0.30	0.04
<i>simiae</i>	-	-	-	1	0.30	0.04	-	-	-	1	0.30	0.04
<i>smegmatis</i>	-	-	-	-	-	-	1	0.36	0.04	-	-	-
<i>szulgai</i>	-	-	-	2	0.60	0.08	2	0.72	0.08	-	-	-
<i>terrae</i>	27	9.28	1.07	14	4.18	0.55	17	6.12	0.66	42	12.73	1.63
<i>xenopi</i>	1	0.34	0.04	1	0.30	0.04	-	-	-	1	0.30	0.04
nonphotochromogen	-	-	-	-	-	-	-	-	-	1	0.30	0.04
rapid	12	4.12	0.47	7	2.09	0.27	10	3.60	0.39	8	2.42	0.31
scotochromogen	1	0.34	0.04	-	-	-	-	-	-	1	0.30	0.04
unknown	1	0.34	0.04	1	0.30	0.04	9	3.24	0.35	3	0.91	0.12
Total	291		11.49	335		13.12	278		10.84	330		12.83

Table 23. Nontuberculous mycobacteria reported by Kentucky, 1993-1996

Kentucky Reports												
Species/ Category	1993 Est. Pop. 3,789,000			1994 Est. Pop. 3,827,000			1995 Est. Pop. 3,860,000			1996 Est. Pop. 3,884,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	144	34.53	3.80	-	-	-	-	-	-	-	-	-
<i>flavescens</i>	1	0.24	0.03	-	-	-	-	-	-	-	-	-
<i>fortuitum</i>	39	9.35	1.03	-	-	-	-	-	-	-	-	-
<i>gordonae</i>	162	38.85	4.28	-	-	-	-	-	-	-	-	-
<i>kansasii</i>	7	1.68	0.18	-	-	-	-	-	-	-	-	-
<i>marinum</i>	3	0.72	0.08	-	-	-	-	-	-	-	-	-
<i>scrofulaceum</i>	7	1.68	0.18	-	-	-	-	-	-	-	-	-
<i>terrae</i>	9	2.16	0.24	-	-	-	-	-	-	-	-	-
rapid	13	3.12	0.34	-	-	-	-	-	-	-	-	-
unknown	32	7.67	0.84	-	-	-	-	-	-	-	-	-
Total	417		11.00									

Table 24. Nontuberculous mycobacteria reported by Louisiana, 1993-1996

Louisiana Reports												
Species/ Category	1993 Est. Pop. 4,295,000			1994 Est. Pop. 4,315,000			1995 Est. Pop. 4,342,000			1996 Est. Pop. 4,351,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	2	0.36	0.05	2	0.31	0.05	1	0.17	0.02	2	0.41	0.05
<i>avium</i>	215	38.19	5.01	255	39.72	5.91	263	44.13	6.06	187	38.72	4.30
<i>chelonae</i>	-	-	-	47	7.32	1.09	46	7.72	1.06	37	7.66	0.85
<i>fortuitum</i>	54	9.59	1.26	60	9.35	1.39	39	6.54	0.90	23	4.76	0.53
<i>gordonae</i>	118	20.96	2.75	149	23.21	3.45	140	23.49	3.22	87	18.01	2.00
<i>intracellulare</i>	-	-	-	1	0.16	0.02	-	-	-	-	-	-
<i>kansasii</i>	54	9.59	1.26	43	6.70	1.00	34	5.70	0.78	31	6.42	0.71
<i>marinum</i>	4	0.71	0.09	5	0.78	0.12	7	1.17	0.16	3	0.62	0.07
<i>scrofulaceum</i>	5	0.89	0.12	6	0.93	0.14	1	0.17	0.02	2	0.41	0.05
<i>simiae</i>	1	0.18	0.02	5	0.78	0.12	5	0.84	0.12	1	0.21	0.02
<i>smegmatis</i>	1	0.18	0.02	-	-	-	1	0.17	0.02	-	-	-
<i>szulgai</i>	2	0.36	0.05	7	1.09	0.16	3	0.50	0.07	1	0.21	0.02
<i>terrae</i>	41	7.28	0.95	11	1.71	0.25	15	2.52	0.35	6	1.24	0.14
<i>xenopi</i>	3	0.53	0.07	1	0.16	0.02	4	0.67	0.09	2	0.41	0.05
nonphotochromogen	1	0.18	0.02	2	0.31	0.05	-	-	-	1	0.21	0.02
rapid	2	0.36	0.05	-	-	-	2	0.34	0.05	6	1.24	0.14
scotochromogen	-	-	-	3	0.47	0.07	-	-	-	-	-	-
unknown	60	10.66	1.40	45	7.01	1.04	35	5.87	0.81	94	19.46	2.16
Total	563		13.11	642		14.88	596		13.69	483		11.10

Table 25. Nontuberculous mycobacteria reported by Maine, 1993-1996

Maine Reports												
Species/ Category	1993 Est. Pop. 1,239,000			1994 Est. Pop. 1,240,000			1995 Est. Pop. 1,241,000			1996 Est. Pop. 1,243,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	96	69.06	7.75	113	71.52	9.11	52	67.53	4.19	30	12.93	2.41
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	4	1.72	0.32
<i>flavescens</i>	-	-	-	-	-	-	1	1.30	0.08	-	-	-
<i>fortuitum</i>	1	0.72	0.08	-	-	-	1	1.30	0.08	1	0.43	0.08
<i>gordonae</i>	27	19.42	2.18	28	17.72	2.26	14	18.18	1.13	3	1.29	0.24
<i>kansasii</i>	-	-	-	-	-	-	1	1.30	0.08	-	-	-
<i>marinum</i>	-	-	-	3	1.90	0.24	-	-	-	-	-	-
<i>scrofulaceum</i>	4	2.88	0.32	2	1.27	0.16	1	1.30	0.08	1	0.43	0.08
<i>terrae</i>	-	-	-	1	0.63	0.08	-	-	-	-	-	-
rapid	2	1.44	0.16	-	-	-	-	-	-	-	-	-
unknown	9	6.47	0.73	11	6.96	0.89	7	9.09	0.56	193	83.19	53.53
Total	139		11.22	158		12.74	77		6.20	232		18.66

Table 26. Nontuberculous mycobacteria reported by Maryland, 1993-1996

Maryland Reports												
Species/ Category	1993 Est. Pop. 4,965,000			1994 Est. Pop. 5,006,000			1995 Est. Pop. 5,042,000			1996 Est. Pop. 5,072,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	495	53.63	9.97	590	59.84	11.97	510	60.07	10.12	548	61.85	10.80
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	6	0.68	0.12
<i>flavescens</i>	-	-	-	1	0.10	0.02	4	0.47	0.08	3	0.34	0.06
<i>fortuitum</i>	61	6.61	1.23	52	5.27	1.04	42	4.95	0.83	61	6.88	1.20
<i>gastri</i>	1	0.11	0.02	-	-	-	-	-	-	-	-	-
<i>gordonae</i>	193	20.91	3.89	165	16.73	3.30	135	15.90	2.68	109	12.30	2.15
<i>kansasii</i>	61	6.61	1.23	56	5.68	1.12	45	5.30	0.89	40	4.51	0.79
<i>malmoense</i>	1	0.11	0.02	-	-	-	-	-	-	-	-	-
<i>marinum</i>	15	1.63	0.30	24	2.43	0.48	21	2.47	0.42	22	2.48	0.43
<i>scrofulaceum</i>	3	0.33	0.06	2	0.20	0.04	-	-	-	-	-	-
<i>simiae</i>	-	-	-	1	0.10	0.02	-	-	-	-	-	-
<i>smegmatis</i>	-	-	-	1	0.10	0.02	1	0.12	0.02	-	-	-
<i>szulgai</i>	1	0.11	0.02	2	0.20	0.04	1	0.12	0.02	3	0.34	0.06
<i>terrae</i>	10	1.08	0.20	14	1.42	0.28	6	0.71	0.12	10	1.13	0.20
<i>vaccae</i>	2	0.22	0.04	1	0.10	0.02	-	-	-	1	0.11	0.02
<i>xenopi</i>	6	0.65	0.12	14	1.42	0.28	5	0.59	0.10	10	1.13	0.20
nonphotochromogen	3	0.33	0.06	2	0.20	0.04	2	0.24	0.04	1	0.11	0.02
photochromogen	3	0.33	0.06	2	0.20	0.04	-	-	-	-	-	-
rapid	2	0.22	0.04	5	0.51	0.10	1	0.12	0.02	5	0.56	0.10
scotochromogen	11	1.19	0.22	11	1.12	0.22	6	0.71	0.12	3	0.34	0.06
unknown	55	5.96	1.11	43	4.36	0.86	70	8.24	1.39	64	7.22	1.26
Total	923	18.59		986	19.69		849	16.84		886	17.47	

Table 27. Nontuberculous mycobacteria reported by Michigan, 1993-1996

Michigan Reports												
Species/ Category	1993 Est. Pop. 9,478,000			1994 Est. Pop. 9,496,000			1995 Est. Pop. 9,549,000			1996 Est. Pop. 9,594,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	379	36.65	4.00	362	41.37	3.81	366	45.69	3.83	393	38.99	4.10
<i>bovis</i> , BCG	-	-	-	-	-	-	-	-	-	2	0.20	0.02
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	35	3.47	0.36
<i>flavescens</i>	3	0.29	0.03	7	0.80	0.07	2	0.25	0.02	-	-	-
<i>fortuitum</i>	46	4.45	0.49	51	5.83	0.54	63	7.87	0.66	67	6.65	0.70
<i>gordonae</i>	398	38.49	4.20	264	30.17	2.78	220	27.47	2.30	380	37.70	3.96
<i>kansasii</i>	28	2.71	0.30	30	3.43	0.32	36	4.49	0.38	41	4.07	0.43
<i>malmoense</i>	-	-	-	2	0.23	0.02	1	0.12	0.01	1	0.10	0.01
<i>marinum</i>	11	1.06	0.12	13	1.49	0.14	7	0.87	0.07	7	0.69	0.07
<i>scrofulaceum</i>	5	0.48	0.05	2	0.23	0.02	2	0.25	0.02	3	0.30	0.03
<i>simiae</i>	-	-	-	1	0.11	0.01	-	-	-	1	0.10	0.01
<i>szulgai</i>	6	0.58	0.06	2	0.23	0.02	2	0.25	0.02	4	0.40	0.04
<i>terrae</i>	38	3.68	0.40	25	2.86	0.26	18	2.25	0.19	19	1.88	0.20
<i>xenopi</i>	44	4.26	0.46	52	5.94	0.55	25	3.12	0.26	29	2.88	0.30
rapid	1	0.10	0.01	14	1.60	0.15	10	1.25	0.10	10	0.99	0.10
unknown	75	7.25	0.79	50	5.71	0.53	49	6.12	0.51	16	1.59	0.17
Total	1,034		10.91	875		9.16	801		8.39	1,008		10.51

Table 28. Nontuberculous mycobacteria reported by Minnesota, 1993-1996

Minnesota Reports												
Species/ Category	1993 Est. Pop. 4,517,000			1994 Est. Pop. 4,567,000			1995 Est. Pop. 4,610,000			1996 Est. Pop. 4,658,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	7	2.27	0.15
<i>avium</i>	164	51.25	3.63	222	59.52	4.86	177	49.44	3.84	148	48.05	3.18
<i>chelonae</i>	34	10.63	0.75	30	8.04	0.66	37	10.34	0.80	17	5.52	0.36
<i>fallax</i>	-	-	-	-	-	-	-	-	-	1	0.32	0.02
<i>flavescens</i>	1	0.31	0.02	2	0.54	0.04	4	1.12	0.09	1	0.32	0.02
<i>fortuitum</i>	26	8.13	0.58	30	8.04	0.66	32	8.94	0.69	26	8.44	0.56
<i>gastrii</i>	-	-	-	2	0.54	0.04	-	-	-	-	-	-
<i>genavense</i>	-	-	-	1	0.27	0.02	-	-	-	-	-	-
<i>gordonae</i>	52	16.25	1.15	43	11.53	0.94	55	15.36	1.19	62	20.13	1.33
<i>kansasii</i>	14	4.38	0.31	5	1.34	0.11	7	1.96	0.15	6	1.95	0.13
<i>marinum</i>	6	1.87	0.13	4	1.07	0.09	6	1.68	0.13	8	2.60	0.17
<i>mucogenicum</i>	-	-	-	-	-	-	2	0.56	0.04	4	1.30	0.09
<i>scrofulaceum</i>	4	1.25	0.09	2	0.54	0.04	7	1.96	0.15	2	0.65	0.04
<i>simiae</i>	-	-	-	1	0.27	0.02	4	1.12	0.09	8	2.60	0.17
<i>smegmatis</i>	2	0.63	0.04	1	0.27	0.02	-	-	-	-	-	-
<i>szulgai</i>	4	1.25	0.09	3	0.80	0.07	-	-	-	1	0.32	0.02
<i>terrae</i>	7	2.19	0.15	12	3.22	0.26	3	0.84	0.07	9	2.92	0.19
<i>xenopi</i>	-	-	-	6	1.61	0.13	5	1.40	0.11	3	0.97	0.06
rapid	6	1.87	0.13	9	2.41	0.20	19	5.31	0.41	5	1.62	0.11
Total	320		7.08	373		8.17	358		7.77	308		6.61

Table 29. Nontuberculous mycobacteria reported by Mississippi, 1993-1996

Mississippi Reports												
Species/ Category	1993 Est. Pop. 2,643,000			1994 Est. Pop. 2,699,000			1995 Est. Pop. 2,697,000			1996 Est. Pop. 2,716,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	206	54.35	7.79	190	46.68	7.12	245	45.97	9.08	262	42.88	9.65
<i>chelonae</i>	21	5.54	0.79	20	4.91	0.75	20	3.75	0.74	29	4.75	1.07
<i>flavescens</i>	1	0.26	0.04	1	0.25	0.04	-	-	-	3	0.49	0.11
<i>fortuitum</i>	19	5.01	0.72	16	3.93	0.60	30	5.63	1.11	39	6.38	1.44
<i>gastri</i>	-	-	-	1	0.25	0.04	-	-	-	-	-	-
<i>gordonae</i>	99	26.12	3.75	144	35.38	5.40	197	36.96	7.30	228	37.32	8.39
<i>kansasii</i>	16	4.22	0.61	17	4.18	0.64	18	3.38	0.67	27	4.42	0.99
<i>malmoense</i>	1	0.26	0.04	-	-	-	-	-	-	-	-	-
<i>marinum</i>	8	2.11	0.30	3	0.74	0.11	2	0.38	0.07	8	1.31	0.29
<i>scrofulaceum</i>	-	-	-	1	0.25	0.04	3	0.56	0.11	-	-	-
<i>smegmatis</i>	-	-	-	-	-	-	1	0.19	0.04	-	-	-
<i>szulgai</i>	2	0.53	0.08	1	0.25	0.04	-	-	-	1	0.16	0.04
<i>terrae</i>	2	0.53	0.08	2	0.49	0.07	4	0.75	0.15	5	0.82	0.18
<i>triviale</i>	-	-	-	-	-	-	-	-	-	1	0.16	0.04
<i>xenopi</i>	-	-	-	1	0.25	0.04	-	-	-	-	-	-
rapid	3	0.79	0.11	9	2.21	0.34	13	2.44	0.48	8	1.31	0.29
unknown	1	0.26	0.04	1	0.25	0.04	-	-	-	-	-	-
Total	379	14.34		407	15.25		533	19.76		611	22.49	

Table 30. Nontuberculous mycobacteria reported by Missouri, 1993-1996

Missouri Reports												
Species/ Category	1993 Est. Pop. 5,234,000			1994 Est. Pop. 5,278,000			1995 Est. Pop. 5,324,000			1996 Est. Pop. 5,359,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	3	0.32	0.06
<i>asiaticum</i>	1	0.14	0.02	-	-	-	4	0.41	0.08	1	0.11	0.02
<i>avium</i>	379	54.61	7.24	328	41.31	6.21	411	42.50	7.72	312	32.81	5.86
<i>bovis</i> , BCG	3	0.43	0.06	2	0.25	0.04	1	0.10	0.02	1	0.11	0.02
<i>chelonae</i>	36	5.19	0.69	59	7.43	1.12	80	8.27	1.50	76	7.99	1.42
<i>flavescens</i>	1	0.14	0.02	3	0.38	0.06	1	0.10	0.02	5	0.53	0.09
<i>fortuitum</i>	62	8.93	1.18	61	7.68	1.16	56	5.79	1.05	81	8.52	1.51
<i>gordonae</i>	97	13.98	1.85	178	22.42	3.37	184	19.03	3.46	299	31.44	5.58
<i>kansasii</i>	52	7.49	0.99	90	11.34	1.71	104	10.75	1.95	45	4.73	0.84
<i>malmoense</i>	2	0.29	0.04	1	0.13	0.02	-	-	-	1	0.11	0.02
<i>marinum</i>	2	0.29	0.04	7	0.88	0.13	5	0.52	0.09	9	0.95	0.17
<i>scrofulaceum</i>	4	0.58	0.08	4	0.50	0.08	4	0.41	0.08	11	1.16	0.21
<i>simiae</i>	5	0.72	0.10	7	0.88	0.13	2	0.21	0.04	3	0.32	0.06
<i>smegmatis</i>	1	0.14	0.02	1	0.13	0.02	3	0.31	0.06	2	0.21	0.04
<i>szulgai</i>	3	0.43	0.06	2	0.25	0.04	7	0.72	0.13	3	0.32	0.06
<i>terrae</i>	11	1.59	0.21	30	3.78	0.57	47	4.86	0.88	50	5.26	0.93
<i>triviale</i>	-	-	-	-	-	-	-	-	-	1	0.11	0.02
<i>xenopi</i>	7	1.01	0.13	2	0.25	0.04	14	1.45	0.26	17	1.79	0.32
nonphotochromogen	-	-	-	-	-	-	2	0.21	0.04	-	-	-
rapid	24	3.46	0.46	15	1.89	0.28	31	3.21	0.58	24	2.52	0.45
scotochromogen	1	0.14	0.02	3	0.38	0.06	11	1.14	0.21	7	0.74	0.13
unknown	3	0.43	0.06	1	0.13	0.02	-	-	-	-	-	-
Total	694	13.26		794	15.04		967	18.16		951	17.75	

Table 31. Nontuberculous mycobacteria reported by Montana, 1993-1996

Montana Reports												
Species/ Category	1993 Est. Pop. 839,000			1994 Est. Pop. 856,000			1995 Est. Pop. 870,000			1996 Est. Pop. 879,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	26	61.90	3.10	26	34.21	3.04	55	56.12	6.32	65	95.59	7.39
<i>chelonae</i>	-	-	-	1	1.32	0.12	1	1.02	0.11	-	-	-
<i>fortuitum</i>	-	-	-	1	1.32	0.12	3	3.06	0.34	-	-	-
<i>gordonae</i>	16	38.10	1.91	44	57.89	5.14	35	35.71	4.02	-	-	-
<i>kansasii</i>	-	-	-	-	-	-	2	2.04	0.23	-	-	-
<i>marinum</i>	-	-	-	1	1.32	0.12	-	-	-	-	-	-
<i>scrofulaceum</i>	-	-	-	1	1.32	0.12	-	-	-	-	-	-
<i>simiae</i>	-	-	-	1	1.32	0.12	-	-	-	-	-	-
<i>terrae</i>	-	-	-	1	1.32	0.12	-	-	-	-	-	-
unknown	-	-	-	-	-	-	2	2.04	0.23	3	4.41	0.34
Total	42		5.00	76		8.88	98		11.26	68		7.74

Table 32. Nontuberculous mycobacteria reported by North Carolina, 1993-1996

North Carolina Reports												
Species/ Category	1993 Est. Pop. 6,945,000			1994 Est. Pop. 7,070,000			1995 Est. Pop. 7,195,000			1996 Est. Pop. 7,323,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	9	1.10	0.12
<i>asiaticum</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.01
<i>avium</i>	346	42.30	4.98	348	44.16	4.92	441	46.13	6.13	57	6.98	0.78
<i>bovis</i> , BCG	-	-	-	-	-	-	-	-	-	5	0.61	0.07
<i>chelonae</i>	29	3.55	0.42	21	2.66	0.30	44	4.60	0.61	15	1.84	0.20
<i>fallax</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.01
<i>flavescens</i>	-	-	-	1	0.13	0.01	-	-	-	-	-	-
<i>fortuitum</i>	29	3.55	0.42	34	4.31	0.48	43	4.50	0.60	50	6.12	0.68
<i>gordonae</i>	285	34.84	4.10	226	28.68	3.20	199	20.82	2.77	108	13.22	1.47
<i>haemophilum</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.01
<i>interjectum</i>	-	-	-	-	-	-	-	-	-	6	0.73	0.08
<i>kansasii</i>	21	2.57	0.30	26	3.30	0.37	43	4.50	0.60	45	5.51	0.61
<i>malmoense</i>	-	-	-	-	-	-	1	0.10	0.01	2	0.24	0.03
<i>marinum</i>	8	0.98	0.12	10	1.27	0.14	2	0.21	0.03	10	1.22	0.14
<i>mucogenicum</i>	-	-	-	-	-	-	-	-	-	5	0.61	0.07
<i>scrofulaceum</i>	4	0.49	0.06	3	0.38	0.04	4	0.42	0.06	-	-	-
<i>shimoidei</i>	-	-	-	-	-	-	-	-	-	1	0.12	0.01
<i>simiae</i>	-	-	-	-	-	-	2	0.21	0.03	-	-	-
<i>szulgai</i>	1	0.12	0.01	2	0.25	0.03	-	-	-	3	0.37	0.04
<i>terrae</i>	43	5.26	0.62	30	3.81	0.42	18	1.88	0.25	20	2.45	0.27
<i>xenopi</i>	17	2.08	0.24	15	1.90	0.21	11	1.15	0.15	28	3.43	0.38
<i>nonchromogenicum</i>	-	-	-	-	-	-	-	-	-	7	0.86	0.10
nonphotochromogen	12	1.47	0.17	4	0.51	0.06	12	1.26	0.17	15	1.84	0.20
photochromogen	-	-	-	-	-	-	2	0.21	0.03	1	0.12	0.01
rapid	10	1.22	0.14	1	0.13	0.01	-	-	-	7	0.86	0.10
scotochromogen	2	0.24	0.03	-	-	-	3	0.31	0.04	11	1.35	0.15
unknown	11	1.34	0.16	67	8.50	0.95	131	13.70	1.82	409	50.06	5.59
Total	818	11.78		788	11.14		956	13.29		817	11.16	

Table 33. Nontuberculous mycobacteria reported by North Dakota, 1993-1996

North Dakota Reports												
Species/ Category	1993 Est. Pop. 635,000			1994 Est. Pop. 638,000			1995 Est. Pop. 641,000			1996 Est. Pop. 644,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	22	75.86	3.46	14	60.87	2.19	19	55.88	2.96	17	41.46	2.64
<i>chelonae</i>	-	-	-	4	17.39	0.63	4	11.76	0.62	4	9.76	0.62
<i>fortuitum</i>	2	6.90	0.31	5	21.74	0.78	8	23.53	1.25	6	14.63	0.93
<i>kansasii</i>	3	10.34	0.47	-	-	-	2	5.88	0.31	-	-	-
<i>marinum</i>	1	3.45	0.16	-	-	-	-	-	-	2	4.88	0.31
<i>scrofulaceum</i>	1	3.45	0.16	-	-	-	1	2.94	0.16	-	-	-
unknown	-	-	-	-	-	-	-	-	-	12	29.27	1.86
Total	29		4.57	23		3.60	34		5.30	41		6.37

Table 34. Nontuberculous mycobacteria reported by Nebraska, 1993-1996

Nebraska Reports												
Species/ Category	1993 Est. Pop. 1,607,000			1994 Est. Pop. 1,623,000			1995 Est. Pop. 1,637,000			1996 Est. Pop. 1,652,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	31	38.75	1.93	29	41.43	1.79	13	29.55	0.79	16	41.03	0.97
<i>chelonae</i>	2	2.50	0.12	3	4.29	0.18	1	2.27	0.06	7	17.95	0.42
<i>flavescens</i>	1	1.25	0.06	2	2.86	0.12	2	4.55	0.12	-	-	-
<i>fortuitum</i>	6	7.50	0.37	3	4.29	0.18	9	20.45	0.55	4	10.26	0.24
<i>gastrii</i>	1	1.25	0.06	-	-	-	-	-	-	-	-	-
<i>gordonae</i>	11	13.75	0.68	16	22.86	0.99	12	27.27	0.73	6	15.38	0.36
<i>kansasii</i>	24	30.00	1.49	10	14.29	0.62	5	11.36	0.31	3	7.69	0.18
<i>marinum</i>	1	1.25	0.06	-	-	-	-	-	-	-	-	-
<i>scrofulaceum</i>	-	-	-	-	-	-	1	2.27	0.06	-	-	-
<i>terrae</i>	1	1.25	0.06	-	-	-	-	-	-	2	5.13	0.12
unknown	2	2.50	0.12	7	10.00	0.43	1	2.27	0.06	1	2.56	0.06
Total	80		4.98	70		4.31	44		2.69	39		2.36

Table 35. Nontuberculous mycobacteria reported by Nevada, 1993-1996

Species/ Category	Nevada Reports											
	1993			1994			1995			1996		
	Est. Pop. 1,389,000			Est. Pop. 1,457,000			Est. Pop. 1,530,000			Est. Pop. 1,603,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	5	3.21	0.31
<i>avium</i>	34	41.46	2.45	93	50.00	6.38	96	57.83	6.27	61	39.10	3.81
<i>bovis</i> , BCG	-	-	-	2	1.08	0.14	1	0.60	0.07	-	-	-
<i>chelonae</i>	1	1.22	0.07	4	2.15	0.27	4	2.41	0.26	3	1.92	0.19
<i>flavescens</i>	3	3.66	0.22	6	3.23	0.41	3	1.81	0.20	2	1.28	0.12
<i>fortuitum</i>	1	1.22	0.07	6	3.23	0.41	6	3.61	0.39	13	8.33	0.81
<i>gordonae</i>	21	25.61	1.51	50	26.88	3.43	46	27.71	3.01	56	35.90	3.49
<i>kansasii</i>	8	9.76	0.58	3	1.61	0.21	3	1.81	0.20	3	1.92	0.19
<i>marinum</i>	1	1.22	0.07	1	0.54	0.07	1	0.60	0.07	1	0.64	0.06
<i>peregrinum</i>	-	-	-	-	-	-	-	-	-	2	1.28	0.12
<i>scrofulaceum</i>	-	-	-	1	0.54	0.07	-	-	-	1	0.64	0.06
<i>shimoidei</i>	-	-	-	-	-	-	-	-	-	1	0.64	0.06
<i>simiae</i>	-	-	-	-	-	-	-	-	-	1	0.64	0.06
<i>smegmatis</i>	-	-	-	1	0.54	0.07	-	-	-	-	-	-
<i>xenopi</i>	2	2.44	0.14	1	0.54	0.07	3	1.81	0.20	2	1.28	0.12
scotochromogen	3	3.66	0.22	2	1.08	0.14	3	1.81	0.20	-	-	-
unknown	8	9.76	0.58	16	8.60	1.10	-	-	-	5	3.21	0.31
Total	82		5.90	186		12.76	166		10.85	156		9.73

Table 36. Nontuberculous mycobacteria reported by New Hampshire, 1993-1996

New Hampshire Reports												
Species/ Category	1993 Est. Pop. 1,125,000			1994 Est. Pop. 1,137,000			1995 Est. Pop. 1,148,000			1996 Est. Pop. 1,162,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	-	-	-	-	-	-	-	-	-	1	0.76	0.09
<i>avium</i>	31	44.29	2.76	64	72.73	5.63	72	63.16	6.27	80	61.07	6.88
<i>chelonae</i>	2	2.86	0.18	-	-	-	1	0.88	0.09	1	0.76	0.09
<i>flavescens</i>	-	-	-	-	-	-	-	-	-	1	0.76	0.09
<i>fortuitum</i>	1	1.43	0.09	1	1.14	0.09	2	1.75	0.17	2	1.53	0.17
<i>gordonae</i>	24	34.29	2.13	10	11.36	0.88	21	18.42	1.83	33	25.19	2.84
<i>kansasii</i>	1	1.43	0.09	-	-	-	-	-	-	-	-	-
<i>marinum</i>	2	2.86	0.18	1	1.14	0.09	2	1.75	0.17	2	1.53	0.17
<i>scrofulaceum</i>	4	5.71	0.36	1	1.14	0.09	-	-	-	4	3.05	0.34
<i>xenopi</i>	1	1.43	0.09	1	1.14	0.09	-	-	-	1	0.76	0.09
unknown	4	5.71	0.36	10	11.36	0.88	16	14.04	1.39	6	4.58	0.52
Total	70		6.22	88		7.74	114		9.93	131		11.27

Table 37. Nontuberculous mycobacteria reported by New Jersey, 1993-1996

New Jersey Reports												
Species/ Category	1993 Est. Pop. 7,878,000			1994 Est. Pop. 7,904,000			1995 Est. Pop. 7,945,000			1996 Est. Pop. 7,988,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	1	33.33	0.01	-	-	-	-	-	-	1	12.50	0.01
<i>avium</i>	2	66.67	0.03	-	-	-	-	-	-	4	50.00	0.05
<i>terrae</i>	-	-	-	-	-	-	-	-	-	1	12.50	0.01
<i>xenopi</i>	-	-	-	-	-	-	-	-	-	1	12.50	0.01
unknown	-	-	-	-	-	-	-	-	-	1	12.50	0.01
Total	3		0.03							8		0.10

Table 38. Nontuberculous mycobacteria reported by New Mexico, 1993-1996

New Mexico Reports												
Species/ Category	1993 Est. Pop. 1,616,000			1994 Est. Pop. 1,654,000			1995 Est. Pop. 1,685,000			1996 Est. Pop. 1,713,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	1	0.37	0.06
<i>asiaticum</i>	-	-	-	-	-	-	-	-	-	2	0.74	0.12
<i>avium</i>	142	47.18	8.79	180	50.56	10.88	122	37.77	7.24	136	50.37	7.94
<i>bovis</i> , BCG	-	-	-	-	-	-	-	-	-	1	0.37	0.06
<i>chelonae</i>	11	3.65	0.68	6	1.69	0.36	7	2.17	0.42	5	1.85	0.29
<i>flavescens</i>	1	0.33	0.06	9	2.53	0.54	5	1.55	0.30	4	1.48	0.23
<i>fortuitum</i>	11	3.65	0.68	8	2.25	0.48	4	1.24	0.24	7	2.59	0.41
<i>genavense</i>	-	-	-	-	-	-	1	0.31	0.06	-	-	-
<i>gordonae</i>	51	16.94	3.16	24	6.74	1.45	39	12.07	2.31	55	20.37	3.21
<i>kansasii</i>	3	1.00	0.19	5	1.40	0.30	5	1.55	0.30	3	1.11	0.18
<i>marinum</i>	1	0.33	0.06	1	0.28	0.06	1	0.31	0.06	1	0.37	0.06
<i>neoaurum</i>	-	-	-	-	-	-	1	0.31	0.06	-	-	-
<i>scrofulaceum</i>	1	0.33	0.06	5	1.40	0.30	2	0.62	0.12	2	0.74	0.12
<i>simiae</i>	37	12.29	2.29	30	8.43	1.81	33	10.22	1.96	38	14.07	2.22
<i>szulgai</i>	1	0.33	0.06	1	0.28	0.06	1	0.31	0.06	2	0.74	0.12
<i>terrae</i>	6	1.99	0.37	2	0.56	0.12	-	-	-	2	0.74	0.12
<i>xenopi</i>	7	2.33	0.43	5	1.40	0.30	4	1.24	0.24	2	0.74	0.12
nonphotochromogen	1	0.33	0.06	-	-	-	-	-	-	-	-	-
rapid	2	0.66	0.12	-	-	-	-	-	-	2	0.74	0.12
scotochromogen	1	0.33	0.06	-	-	-	-	-	-	2	0.74	0.12
unknown	25	8.31	1.55	80	22.47	4.84	98	30.34	5.82	5	1.85	0.29
Total	301	18.63		356	21.52		323	19.17		270	15.76	

Table 39. Nontuberculous mycobacteria reported by New York, 1993-1996

New York Reports												
Species/ Category	1993 Est. Pop. 18,197,000			1994 Est. Pop. 18,169,000			1995 Est. Pop. 18,136,000			1996 Est. Pop. 18,185,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	164	45.81	0.90	202	42.35	1.11	191	57.88	1.05	-	-	-
<i>chelonae</i>	2	0.56	0.01	18	3.77	0.10	15	4.55	0.08	-	-	-
<i>flavescens</i>	1	0.28	0.01	-	-	-	3	0.91	0.02	-	-	-
<i>fortuitum</i>	21	5.87	0.12	22	4.61	0.12	5	1.52	0.03	-	-	-
<i>gordonae</i>	87	24.30	0.48	81	16.98	0.45	32	9.70	0.18	-	-	-
<i>kansasii</i>	3	0.84	0.02	12	2.52	0.07	4	1.21	0.02	-	-	-
<i>malmoense</i>	1	0.28	0.01	-	-	-	-	-	-	-	-	-
<i>marinum</i>	-	-	-	6	1.26	0.03	3	0.91	0.02	-	-	-
<i>scrofulaceum</i>	3	0.84	0.02	7	1.47	0.04	3	0.91	0.02	-	-	-
<i>terrae</i>	6	1.68	0.03	10	2.10	0.06	5	1.52	0.03	-	-	-
<i>xenopi</i>	17	4.75	0.09	61	12.79	0.34	41	12.42	0.23	-	-	-
rapid	1	0.28	0.01	-	-	-	-	-	-	-	-	-
unknown	52	14.53	0.29	58	12.16	0.32	28	8.48	0.15	-	-	-
Total	358		1.97	477		2.62	330		1.82			

Table 40. Nontuberculous mycobacteria reported by Ohio, 1993-1996

Ohio Reports												
Species/ Category	1993 Est. Pop. 11,091,000			1994 Est. Pop. 11,102,000			1995 Est. Pop. 11,151,000			1996 Est. Pop. 11,173,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	4	1.19	0.04	7	1.91	0.06
<i>avium</i>	57	23.85	0.51	78	33.62	0.70	108	32.24	0.97	88	23.98	0.79
<i>celatum</i>	-	-	-	-	-	-	1	0.30	0.01	1	0.27	0.01
<i>chelonae</i>	6	2.51	0.05	15	6.47	0.14	1	0.30	0.01	6	1.63	0.05
<i>flavescens</i>	-	-	-	-	-	-	-	-	-	3	0.82	0.03
<i>fortuitum</i>	4	1.67	0.04	8	3.45	0.07	23	6.87	0.21	21	5.72	0.19
<i>gastrii</i>	-	-	-	1	0.43	0.01	-	-	-	-	-	-
<i>gordonae</i>	53	22.18	0.48	62	26.72	0.56	103	30.75	0.92	129	35.15	1.15
<i>hiberniae</i>	-	-	-	-	-	-	1	0.30	0.01	-	-	-
<i>intracellulare</i>	-	-	-	-	-	-	17	5.07	0.15	20	5.45	0.18
<i>kansasii</i>	5	2.09	0.05	11	4.74	0.10	12	3.58	0.11	11	3.00	0.10
<i>malmoense</i>	1	0.42	0.01	1	0.43	0.01	2	0.60	0.02	-	-	-
<i>marinum</i>	2	0.84	0.02	4	1.72	0.04	1	0.30	0.01	3	0.82	0.03
<i>mucogenicum</i>	-	-	-	-	-	-	1	0.30	0.01	11	3.00	0.10
<i>neoaurum</i>	-	-	-	-	-	-	-	-	-	1	0.27	0.01
<i>scrofulaceum</i>	3	1.26	0.03	1	0.43	0.01	7	2.09	0.06	9	2.45	0.08
<i>simiae</i>	1	0.42	0.01	5	2.16	0.05	3	0.90	0.03	13	3.54	0.12
<i>smegmatis</i>	-	-	-	-	-	-	6	1.79	0.05	2	0.54	0.02
<i>szulgai</i>	-	-	-	-	-	-	3	0.90	0.03	2	0.54	0.02
<i>terrae</i>	3	1.26	0.03	5	2.16	0.05	2	0.60	0.02	7	1.91	0.06
<i>vaccae</i>	-	-	-	1	0.43	0.01	-	-	-	-	-	-
<i>xenopi</i>	-	-	-	4	1.72	0.04	13	3.88	0.12	7	1.91	0.06
<i>nonchromogenicum</i>	-	-	-	-	-	-	2	0.60	0.02	7	1.91	0.06
rapid	-	-	-	-	-	-	-	-	-	3	0.82	0.03
unknown	104	43.51	0.94	36	15.52	0.32	25	7.46	0.22	16	4.36	0.14
Total	239		2.15	232		2.09	335		3.00	367		3.28

Table 41. Nontuberculous mycobacteria reported by Oklahoma, 1993-1996

Oklahoma Reports												
Species/ Category	1993 Est. Pop. 3,231,000			1994 Est. Pop. 3,258,000			1995 Est. Pop. 3,278,000			1996 Est. Pop. 3,301,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	1	0.20	0.03	2	0.41	0.06
<i>asiaticum</i>	-	-	-	-	-	-	-	-	-	1	0.21	0.03
<i>avium</i>	236	49.06	7.30	202	43.44	6.20	180	36.00	5.49	212	43.98	6.42
<i>bovis</i> , BCG	1	0.21	0.03	-	-	-	-	-	-	-	-	-
<i>chelonae</i>	-	-	-	39	8.39	1.20	56	11.20	1.71	45	9.34	1.36
<i>flavescens</i>	-	-	-	-	-	-	2	0.40	0.06	1	0.21	0.03
<i>fortuitum</i>	28	5.82	0.87	47	10.11	1.44	59	11.80	1.80	52	10.79	1.58
<i>gordonae</i>	150	31.19	4.64	116	24.95	3.56	136	27.20	4.15	110	22.82	3.33
<i>intracellulare</i>	-	-	-	20	4.30	0.61	31	6.20	0.95	1	0.21	0.03
<i>kansasii</i>	28	5.82	0.87	31	6.67	0.95	24	4.80	0.73	16	3.32	0.48
<i>marinum</i>	4	0.83	0.12	2	0.43	0.06	2	0.40	0.06	2	0.41	0.06
<i>scrofulaceum</i>	-	-	-	-	-	-	-	-	-	6	1.24	0.18
<i>senegalense</i>	-	-	-	-	-	-	1	0.20	0.03	-	-	-
<i>szulgai</i>	-	-	-	-	-	-	-	-	-	1	0.21	0.03
<i>terrae</i>	7	1.46	0.22	7	1.51	0.21	2	0.40	0.06	2	0.41	0.06
<i>xenopi</i>	-	-	-	-	-	-	1	0.20	0.03	-	-	-
<i>nonchromogenicum</i>	-	-	-	-	-	-	1	0.20	0.03	-	-	-
<i>scotochromogen</i>	-	-	-	-	-	-	-	-	-	2	0.41	0.06
unknown	27	5.61	0.84	1	0.22	0.03	4	0.80	0.12	29	6.02	0.88
Total	481	14.89		465	14.27		500		15.25	482		14.69

Table 42. Nontuberculous mycobacteria reported by Oregon, 1993-1996

Oregon Reports												
Species/ Category	1993 Est. Pop. 3,032,000			1994 Est. Pop. 3,086,000			1995 Est. Pop. 3,141,000			1996 Est. Pop. 3,204,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	164	77.00	5.41	164	100.00	5.31	168	100.00	5.35	94	100.00	2.93
<i>gordonae</i>	45	21.13	1.48	-	-	-	-	-	-	-	-	-
<i>kansasii</i>	2	0.94	0.07	-	-	-	-	-	-	-	-	-
rapid	2	0.94	0.07	-	-	-	-	-	-	-	-	-
Total	213		7.02	164		5.31	168		5.35	94		2.93

Table 43. Nontuberculous mycobacteria reported by Rhode Island, 1993-1996

Rhode Island Reports												
Species/ Category	1993 Est. Pop. 1,000,000			1994 Est. Pop. 997,000			1995 Est. Pop. 990,000			1996 Est. Pop. 990,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	75	68.18	7.50	63	75.00	6.32	127	78.40	12.83	55	80.88	5.56
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	1	1.47	0.10
<i>fortuitum</i>	2	1.82	0.20	4	4.76	0.40	9	5.56	0.91	1	1.47	0.10
<i>gordonae</i>	21	19.09	2.10	10	11.90	1.00	12	7.41	1.21	5	7.35	0.51
<i>kansasii</i>	4	3.64	0.40	2	2.38	0.20	-	-	-	-	-	-
<i>marinum</i>	-	-	-	-	-	-	2	1.23	0.20	1	1.47	0.10
<i>scrofulaceum</i>	2	1.82	0.20	-	-	-	1	0.62	0.10	-	-	-
<i>terrae</i>	4	3.64	0.40	2	2.38	0.20	-	-	-	1	1.47	0.10
<i>xenopi</i>	-	-	-	1	1.19	0.10	2	1.23	0.20	2	2.94	0.20
unknown	2	1.82	0.20	2	2.38	0.20	9	5.56	0.91	2	2.94	0.20
Total	110		11.00	84		8.42	162		16.36	68		6.87

Table 44. Nontuberculous mycobacteria reported by South Dakota, 1993-1996

South Dakota Reports												
Species/ Category	1993 Est. Pop. 715,000			1994 Est. Pop. 721,000			1995 Est. Pop. 729,000			1996 Est. Pop. 3,204,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	20	50.00	2.80	14	25.45	1.94	12	16.67	1.65	24	17.39	3.28
<i>chelonae</i>	-	-	-	-	-	-	-	-	-	5	3.62	0.68
<i>fortuitum</i>	2	5.00	0.28	2	3.64	0.28	6	8.33	0.82	17	12.32	2.32
<i>gordonae</i>	15	37.50	2.10	34	61.82	4.72	49	68.06	6.72	85	61.59	11.61
<i>kansasii</i>	1	2.50	0.14	2	3.64	0.28	1	1.39	0.14	2	1.45	0.27
<i>marinum</i>	1	2.50	0.14	1	1.82	0.14	-	-	-	3	1.45	0.41
<i>scrofulaceum</i>	-	-	-	-	-	-	-	-	-	1	0.72	0.14
<i>terrae</i>	-	-	-	1	1.82	0.14	2	2.78	0.27	1	0.72	0.14
rapid	-	-	-	-	-	-	1	1.39	0.14	-	-	-
unknown	1	2.50	0.14	1	1.82	0.14	1	1.39	0.14	-	-	-
Total	40		5.59	55		7.63	72		9.88	138		18.85

Table 45. Nontuberculous mycobacteria reported by Tennessee, 1993-1996

Tennessee Reports												
Species/ Category	1993 Est. Pop. 5,099,000			1994 Est. Pop. 5,175,000			1995 Est. Pop. 5,256,000			1996 Est. Pop. 5,320,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	471	79.83	9.24	252	78.26	4.87	-	-	-	-	-	-
<i>flavescens</i>	2	0.34	0.04	-	-	-	-	-	-	-	-	-
<i>fortuitum</i>	34	5.76	0.67	22	6.83	0.43	-	-	-	-	-	-
<i>gordonae</i>	1	0.17	0.02	7	2.17	0.14	-	-	-	-	-	-
<i>kansasii</i>	21	3.56	0.41	9	2.80	0.17	-	-	-	-	-	-
<i>marinum</i>	1	0.17	0.02	2	0.62	0.04	-	-	-	-	-	-
<i>scrofulaceum</i>	4	0.68	0.08	3	0.93	0.06	-	-	-	-	-	-
<i>szulgai</i>	1	0.17	0.02	-	-	-	-	-	-	-	-	-
<i>terrae</i>	13	2.20	0.25	6	1.86	0.12	-	-	-	-	-	-
<i>xenopi</i>	3	0.51	0.06	-	-	-	-	-	-	-	-	-
nonphotochromogen	2	0.34	0.04	-	-	-	-	-	-	-	-	-
rapid	2	0.34	0.04	3	0.93	0.06	-	-	-	-	-	-
unknown	35	5.93	0.69	18	5.59	0.35	-	-	-	-	-	-
Total	590		11.57	322		6.22						

Table 46. Nontuberculous mycobacteria reported by Texas, 1993-1996

Texas Reports												
Species/ Category	1993 Est. Pop. 18,031,000			1994 Est. Pop. 18,378,000			1995 Est. Pop. 18,724,000			1996 Est. Pop. 19,128,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	6	0.38	0.03	2	0.12	0.01	-	-	-	-	-	-
<i>avium</i>	585	36.98	3.24	583	36.14	3.17	6	5.45	0.03	-	-	-
<i>bovis</i> , BCG	2	0.13	0.01	1	0.06	0.01	-	-	-	-	-	-
<i>flavescens</i>	11	0.70	0.06	8	0.50	0.04	-	-	-	-	-	-
<i>fortuitum</i>	133	8.41	0.74	164	10.17	0.89	5	4.55	0.03	-	-	-
<i>gastri</i>	-	-	-	1	0.06	0.01	-	-	-	-	-	-
<i>gordonae</i>	259	16.37	1.44	266	16.49	1.45	6	5.45	0.03	-	-	-
<i>haemophilum</i>	-	-	-	1	0.06	0.01	-	-	-	-	-	-
<i>kansasii</i>	137	8.66	0.76	105	6.51	0.57	1	0.91	0.01	-	-	-
<i>malmoense</i>	8	0.51	0.04	1	0.06	0.01	-	-	-	-	-	-
<i>marinum</i>	7	0.44	0.04	3	0.19	0.02	1	0.91	0.01	-	-	-
<i>scrofulaceum</i>	4	0.25	0.02	3	0.19	0.02	-	-	-	-	-	-
<i>simiae</i>	67	4.24	0.37	71	4.40	0.39	-	-	-	-	-	-
<i>szulgai</i>	12	0.76	0.07	5	0.31	0.03	-	-	-	-	-	-
<i>terrae</i>	6	0.38	0.03	4	0.25	0.02	3	2.73	0.02	-	-	-
<i>vaccae</i>	12	0.76	0.07	13	0.81	0.07	-	-	-	-	-	-
<i>xenopi</i>	9	0.57	0.05	4	0.25	0.02	-	-	-	-	-	-
nonphotochromogen	108	6.83	0.60	97	6.01	0.53	1	0.91	0.01	-	-	-
rapid	45	2.84	0.25	28	1.74	0.15	3	2.73	0.02	-	-	-
unknown	171	10.81	0.95	253	15.69	1.38	84	76.36	0.45	-	-	-
Total	1582		8.77	1613		8.78	110		0.59			

Table 47. Nontuberculous mycobacteria reported by Utah, 1993-1996

Utah Reports												
Species/ Category	1993 Est. Pop. 1,660,000			1994 Est. Pop. 1,908,000			1995 Est. Pop. 1,951,000			1996 Est. Pop. 2,000,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	111	60.66	6.69	52	43.70	2.73	62	45.26	3.18	38	35.51	1.90
<i>chelonae</i>	1	0.55	0.06	3	2.52	0.16	2	1.46	0.10	2	1.87	0.10
<i>flavescens</i>	-	-	-	-	-	-	2	1.46	0.10	-	-	-
<i>fortuitum</i>	13	7.10	0.78	5	4.20	0.26	5	3.65	0.26	4	3.74	0.20
<i>gordonae</i>	43	23.50	2.59	56	47.06	2.94	57	41.61	2.92	56	52.34	2.80
<i>kansasii</i>	3	1.64	0.18	1	0.84	0.05	2	1.46	0.10	-	-	-
<i>marinum</i>	3	1.64	0.18	2	1.68	0.10	5	3.65	0.26	4	3.74	0.20
<i>scrofulaceum</i>	3	1.64	0.18	-	-	-	-	-	-	1	0.93	0.05
<i>smegmatis</i>	1	0.55	0.06	-	-	-	-	-	-	-	-	-
<i>terrae</i>	-	-	-	-	-	-	-	-	-	1	0.93	0.05
<i>xenopi</i>	4	2.19	0.24	-	-	-	1	0.73	0.05	1	0.93	0.05
scotochromogen	1	0.55	0.06	-	-	-	-	-	-	-	-	-
unknown	-	-	-	-	-	-	1	0.73	0.05	-	-	-
Total	183		11.02	119		6.24	137		7.02	107		5.35

Table 48. Nontuberculous mycobacteria reported by Vermont, 1993-1996

Vermont Reports												
Species/ Category	1993 Est. Pop. 576,000			1994 Est. Pop. 580,000			1995 Est. Pop. 585,000			1996 Est. Pop. 589,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	7	28.00	1.22	18	47.37	3.10	14	33.33	2.39	8	28.57	1.36
<i>chelonae</i>	-	-	-	-	-	-	2	4.76	0.34	-	-	-
<i>fortuitum</i>	2	8.00	0.35	-	-	-	-	-	-	-	-	-
<i>gordonae</i>	13	52.00	2.26	15	39.47	2.59	15	35.71	2.56	20	71.43	3.40
<i>malmoense</i>	-	-	-	-	-	-	1	2.38	0.17	-	-	-
<i>marinum</i>	1	4.00	0.17	1	2.63	0.17	-	-	-	-	-	-
<i>scrofulaceum</i>	-	-	-	2	5.26	0.34	4	9.52	0.68	-	-	-
<i>terrae</i>	1	4.00	0.17	-	-	-	1	2.38	0.17	-	-	-
<i>xenopi</i>	1	4.00	0.17	-	-	-	5	11.90	0.85	-	-	-
unknown	-	-	-	2	5.26	0.34	-	-	-	-	-	-
Total	25		4.34	38		6.55	42		7.18	28		4.75

Table 49. Nontuberculous mycobacteria reported by Virginia, 1993-1996

Virginia Reports												
Species/ Category	1993 Est. Pop. 6,491,000			1994 Est. Pop. 6,552,000			1995 Est. Pop. 6,618,000			1996 Est. Pop. 6,675,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>abscessus</i>	-	-	-	-	-	-	-	-	-	10	1.50	0.15
<i>asiaticum</i>	-	-	-	-	-	-	1	0.11	0.02	-	-	-
<i>avium</i>	397	56.15	6.12	788	61.66	12.03	584	62.80	8.82	382	57.27	5.72
<i>chelonae</i>	-	-	-	-	-	-	7	0.75	0.11	4	0.60	0.06
<i>flavescens</i>	2	0.28	0.03	-	-	-	-	-	-	1	0.15	0.01
<i>fortuitum</i>	23	3.25	0.35	60	4.69	0.92	45	4.84	0.68	29	4.35	0.43
<i>gastrii</i>	-	-	-	2	0.16	0.03	-	-	-	1	0.15	0.01
<i>gordonae</i>	140	19.80	2.16	213	16.67	3.25	130	13.98	1.96	129	19.34	1.93
<i>haemophilum</i>	-	-	-	-	-	-	-	-	-	1	0.15	0.01
<i>interjectum</i>	-	-	-	-	-	-	-	-	-	1	0.15	0.01
<i>kansasii</i>	17	2.40	0.26	31	2.43	0.47	34	3.66	0.51	12	1.80	0.18
<i>malmoense</i>	1	0.14	0.02	-	-	-	-	-	-	-	-	-
<i>marinum</i>	7	0.99	0.11	13	1.02	0.20	12	1.29	0.18	11	1.65	0.16
<i>peregrinum</i>	-	-	-	-	-	-	-	-	-	9	1.35	0.13
<i>scrofulaceum</i>	6	0.85	0.09	11	0.86	0.17	4	0.43	0.06	1	0.15	0.01
<i>simiae</i>	3	0.42	0.05	7	0.55	0.11	3	0.32	0.05	4	0.60	0.06
<i>szulgai</i>	9	1.27	0.14	1	0.08	0.02	2	0.22	0.03	-	-	-
<i>terrae</i>	21	2.97	0.32	31	2.43	0.47	11	1.18	0.17	15	2.25	0.22
<i>ulcerans</i>	-	-	-	-	-	-	-	-	-	2	0.30	0.03
<i>xenopi</i>	6	0.85	0.09	24	1.88	0.37	13	1.40	0.20	11	1.65	0.16
nonphotochromogen	-	-	-	-	-	-	1	0.11	0.02	-	-	-
rapid	36	5.09	0.55	26	2.03	0.40	25	2.69	0.38	13	1.95	0.19
unknown	39	5.52	0.60	71	5.56	1.08	58	6.24	0.88	31	4.65	0.46
Total	707	10.89		1278		19.50	930		14.05	667		9.99

Table 50. Nontuberculous mycobacteria reported by Washington State, 1993-1996

Washington State Reports												
Species/ Category	1993 Est. Pop. 5,255,000			1994 Est. Pop. 5,343,000			1995 Est. Pop. 5,431,000			1996 Est. Pop. 5,533,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	-	-	-	1	0.14	0.02	6	0.85	0.11	2	0.34	0.04
<i>aurum</i>	-	-	-	-	-	-	-	-	-	1	0.17	0.02
<i>avium</i>	242	55.89	4.61	461	63.59	8.63	434	61.39	7.99	347	58.61	6.27
<i>chelonae</i>	13	3.00	0.25	31	4.28	0.58	27	3.82	0.50	21	3.55	0.38
<i>flavescens</i>	2	0.46	0.04	5	0.69	0.09	3	0.42	0.06	5	0.84	0.09
<i>fortuitum</i>	16	3.70	0.30	30	4.14	0.56	21	2.97	0.39	30	5.07	0.54
<i>gordonae</i>	101	23.33	1.92	119	16.41	2.23	120	16.97	2.21	102	17.23	1.84
<i>kansasii</i>	5	1.15	0.10	4	0.55	0.07	6	0.85	0.11	5	0.84	0.09
<i>malmoense</i>	1	0.23	0.02	-	-	-	2	0.28	0.04	-	-	-
<i>marinum</i>	5	1.15	0.10	7	0.97	0.13	15	2.12	0.28	4	0.68	0.07
<i>mucogenicum</i>	-	-	-	-	-	-	-	-	-	3	0.51	0.05
<i>neoraurum</i>	-	-	-	-	-	-	-	-	-	2	0.34	0.04
<i>peregrinum</i>	-	-	-	-	-	-	-	-	-	3	0.51	0.05
<i>scrofulaceum</i>	13	3.00	0.25	15	2.07	0.28	18	2.55	0.33	13	2.20	0.23
<i>simiae</i>	2	0.46	0.04	6	0.83	0.11	11	1.56	0.20	12	2.03	0.22
<i>smegmatis</i>	-	-	-	-	-	-	3	0.42	0.06	1	0.17	0.02
<i>szulgai</i>	3	0.69	0.06	4	0.55	0.07	-	-	-	2	0.34	0.04
<i>terrae</i>	14	3.23	0.27	14	1.93	0.26	8	1.13	0.15	6	1.01	0.11
<i>thermoresistibile</i>	-	-	-	-	-	-	-	-	-	1	0.17	0.02
<i>tokaiense</i>	-	-	-	-	-	-	-	-	-	1	0.17	0.02
<i>ulcerans</i>	-	-	-	-	-	-	-	-	-	1	0.17	0.02
<i>xenopi</i>	4	0.92	0.08	5	0.69	0.09	12	1.70	0.22	6	1.01	0.11
<i>nonchromogenicum</i>	-	-	-	-	-	-	-	-	-	1	0.17	0.02
nonphotochromogen	-	-	-	-	-	-	-	-	-	2	0.34	0.04
photochromogen	-	-	-	-	-	-	-	-	-	3	0.51	0.05
rapid	1	0.23	0.02	-	-	-	-	-	-	2	0.34	0.04
scotochromogen	-	-	-	-	-	-	-	-	-	1	0.17	0.02
unknown	11	2.54	0.21	23	3.17	0.43	21	2.97	0.39	15	2.53	0.27
Total	433		8.24	725		13.57	707		13.02	592		10.70

Table 51. Nontuberculous mycobacteria reported by West Virginia, 1993-1996

West Virginia Reports												
Species/ Category	1993 Est. Pop. 1,820,000			1994 Est. Pop. 1,822,000			1995 Est. Pop. 1,828,000			1996 Est. Pop. 1,826,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	-	-	-	64	39.51	3.51	66	40.24	3.61	53	28.19	2.90
<i>chelonae</i>	-	-	-	3	1.85	0.16	2	0.61	0.11	4	2.13	0.60
<i>flavescens</i>	-	-	-	3	1.85	0.16	1	0.61	0.05	4	2.13	0.22
<i>fortuitum</i>	-	-	-	7	4.32	0.38	13	7.93	0.71	9	4.79	0.49
<i>gordonae</i>	-	-	-	63	38.89	3.46	71	43.29	3.88	92	48.94	5.04
<i>kansasii</i>	-	-	-	6	3.70	0.33	1	0.61	0.05	1	0.53	0.05
<i>marinum</i>	-	-	-	-	-	-	1	0.61	0.05	-	-	-
<i>scrofulaceum</i>	-	-	-	5	3.09	0.27	2	1.22	0.11	10	5.32	0.55
<i>szulgai</i>	-	-	-	1	0.62	0.05	1	0.61	0.05	-	-	-
<i>terrae</i>	-	-	-	7	4.32	0.38	2	1.22	0.11	2	1.06	0.11
<i>xenopi</i>	-	-	-	1	0.62	0.05	-	-	-	2	1.06	0.11
rapid	-	-	-	2	1.23	0.11	4	2.44	0.22	4	2.13	0.22
Total				162		8.89	164		8.97	188		10.29

Table 52. Nontuberculous mycobacteria reported by Wisconsin, 1993-1996

Wisconsin Reports												
Species/ Category	1993 Est. Pop. 5,083,000			1994 Est. Pop. 5,082,000			1995 Est. Pop. 5,123,000			1996 Est. Pop. 5,160,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>asiaticum</i>	-	-	-	-	-	-	-	-	-	1	0.19	0.02
<i>avium</i>	207	42.77	4.11	219	39.89	4.31	273	43.40	5.33	231	43.67	4.48
<i>chelonae</i>	-	-	-	-	-	-	12	1.91	0.23	19	3.59	0.37
<i>flavescens</i>	-	-	-	2	0.36	0.04	1	0.16	0.02	-	-	-
<i>fortuitum</i>	24	4.96	0.48	20	3.64	0.39	19	3.02	0.37	22	4.16	0.43
<i>gordonae</i>	133	27.48	2.64	189	34.43	3.72	200	31.80	3.90	185	34.97	3.59
<i>intracellulare</i>	-	-	-	1	0.18	0.02	33	5.25	0.64	-	-	-
<i>kansasii</i>	7	1.45	0.14	8	1.46	0.16	8	1.27	0.16	7	1.32	0.14
<i>marinum</i>	9	1.86	0.18	8	1.46	0.16	9	1.43	0.18	9	1.70	0.17
<i>scrofulaceum</i>	2	0.41	0.04	-	-	-	2	0.32	0.04	1	0.19	0.02
<i>simiae</i>	-	-	-	2	0.36	0.04	6	0.95	0.12	6	1.13	0.12
<i>smegmatis</i>	-	-	-	-	-	-	-	-	-	3	0.57	0.06
<i>szulgai</i>	-	-	-	1	0.18	0.02	-	-	-	-	-	-
<i>terrae</i>	7	1.45	0.14	5	0.91	0.10	2	0.32	0.04	3	0.57	0.06
<i>vaccae</i>	-	-	-	-	-	-	-	-	-	1	0.19	0.02
<i>xenopi</i>	61	12.60	1.21	50	9.11	0.98	59	9.38	1.15	35	6.62	0.68
rapid	-	-	-	-	-	-	-	-	-	1	0.19	0.02
unknown	34	7.02	0.67	44	8.01	0.87	5	0.79	0.10	5	0.95	0.10
Total	484		9.60	549		10.80	629		12.28	529		10.25

Table 53. Nontuberculous mycobacteria reported by Wyoming, 1993-1996

Wyoming Reports												
Species/ Category	1993 Est. Pop. 470,000			1994 Est. Pop. 476,000			1995 Est. Pop. 480,000			1996 Est. Pop. 481,000		
	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate	No. Reports	% of Total	Report Rate
<i>avium</i>	3	42.86	0.64	10	52.63	2.10	6	30.00	1.25	6	17.65	1.25
<i>fortuitum</i>	-	-	-	2	10.53	0.42	-	-	-	-	-	-
<i>gordonae</i>	4	57.14	0.85	5	26.32	1.05	14	70.00	2.92	28	82.35	5.82
<i>xenopi</i>	-	-	-	2	10.53	0.42	-	-	-	-	-	-
Total	7		1.49	19		3.99	20		4.17	34		7.07

Table 54. Nontuberculous mycobacteria reported in the United States, by species/category and region, inclusive for 1993-1996

Species/ Category	Region						Total
	NE ^a	SE ^b	NC ^c	SC ^d	MT ^e	P ^f	
<i>abscessus</i>	2	19	18	6	45	-	90
<i>asiaticum</i>	1	66	1	22	8	9	107
<i>aurum</i>	-	-	-	-	-	1	1
<i>avium</i>	4,759	14,193	5,350	5,310	1,914	3,107	34,633
<i>bovis</i> , BCG	2	10	2	11	11	-	36
<i>celatum</i>	-	-	2	-	1	-	3
<i>chelonae</i>	61	485	409	626	90	118	1,789
<i>fallax</i>	-	1	1	0	5	-	7
<i>farcinogenes</i>	-	-	-	-	1	-	1
<i>flavescens</i>	15	152	45	44	196	391	843
<i>fortuitum</i>	352	2,460	732	1,075	339	643	5,601
<i>gastrii</i>	1	6	9	2	1	12	31
<i>genavense</i>	1	-	1	-	2	-	4
<i>gordoniae</i>	1,541	7,272	4,244	2,748	1,309	1,326	18,440
<i>haemophilum</i>	-	13	1	1	10	-	25
<i>hiberniae</i>	-	-	1	-	-	-	1
<i>interjectum</i>	-	7	-	-	2	-	9
<i>intermedium</i>	-	-	-	-	1	-	1
<i>intracellulare</i>	148	-	71	53	809	-	1,081
<i>kansasii</i>	328	748	549	856	190	113	2,784
<i>malmoense</i>	3	70	8	14	3	3	101
<i>marinum</i>	123	229	146	65	39	33	635
<i>mucogenicum</i>	-	5	18	-	-	3	26
<i>neoaurum</i>	-	-	1	-	1	2	4
<i>peregrinum</i>	-	9	0	0	2	3	14
<i>scrofulaceum</i>	62	298	76	60	47	73	616
<i>senegalense</i>	-	-	-	1	-	-	1
<i>shimoidei</i>	-	1	-	-	1	-	2
<i>simiae</i>	8	66	55	169	383	79	760
<i>smegmatis</i>	2	11	18	10	2	6	49
<i>szulgai</i>	9	82	43	50	22	20	226
<i>terrae</i>	87	1,225	188	349	52	152	2,053
<i>thermoresistibile</i>	-	-	-	-	-	1	1
<i>tokaiense</i>	-	-	-	-	-	1	1
<i>triviale</i>	-	1	-	1	-	-	2
<i>ulcerans</i>	-	2	-	-	-	1	3
<i>vaccae</i>	4	1	2	25	-	-	32
<i>xenopi</i>	220	234	562	73	53	139	1,281
<i>nonchromogenicum</i>	2	7	9	1	-	1	20
nonphotochromogen	9	52	-	213	2	2	278
photochromogen	5	151	-	-	1	3	24
rapid	18	263	83	218	31	199	812
scotochromogen	33	52	-	29	17	1	132
unknown	715	3,318	2,759	2,347	357	419	9,915
Total	8,511	31,373	15,404	14,379	5,947	6,861	82,475

^aNorth East = CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT

^bSouth East = AL, FL, GA, KY, MS, NC, SC, TN, VA, WV

^cNorth Central = IL, IN, IA, MI, MN, NE, ND, OH, SD, WI

^dSouth Central = AK, KS, LA, MO, OK, TX

^eMountain = AZ, CO, ID, MT, NV, NM, UT, WY

^fPacific = AK, CA, HI, OR, WA