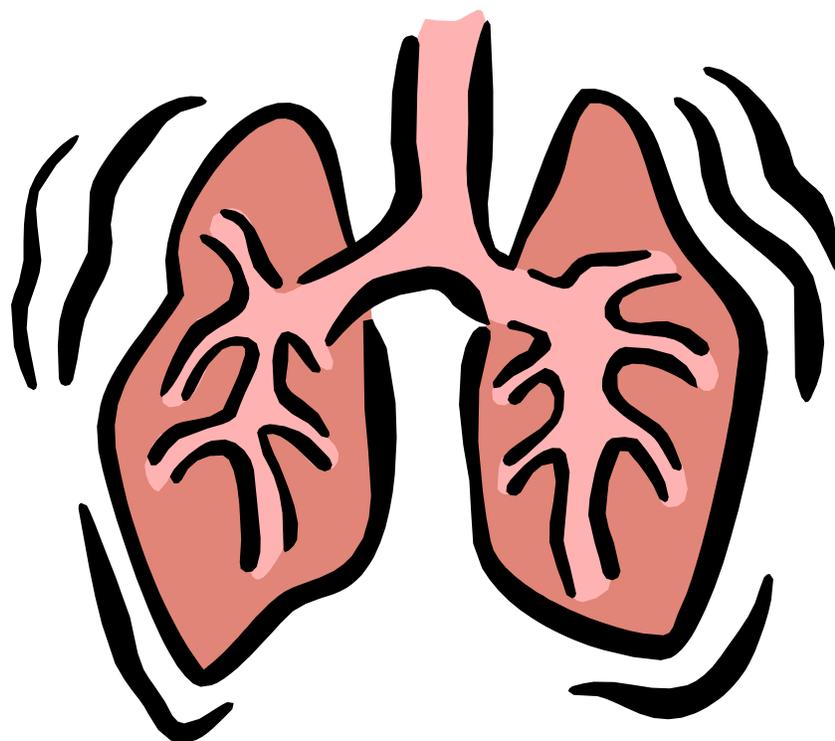


South Dakota Tuberculosis Control Program Annual Report

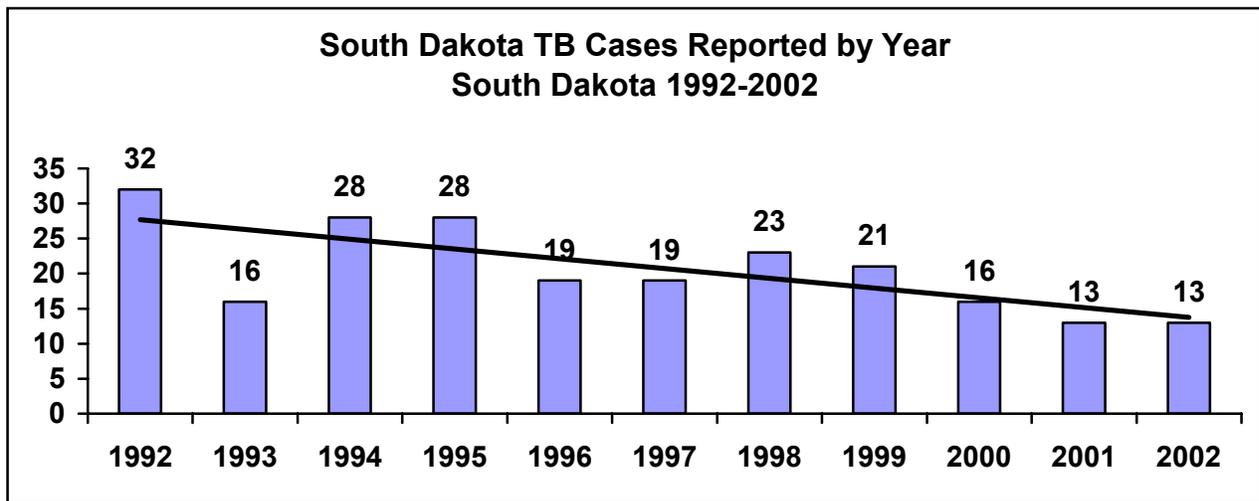


2002

2002 YEAR END SUMMARY

There were 13 cases of tuberculosis reported to the South Dakota Department of Health in 2002, which is the same number as reported in 2001. Cases were distributed throughout the state with 10 counties reporting TB cases. Four (40%) of these counties had not reported TB cases for 3 or more years. During 2002, there were no drug-resistant TB case reported. In addition, no TB cases were reported in long-term care facilities and no HIV co-infected TB patients were reported.

STATISTICAL REVIEW OF 2002 TB CASES

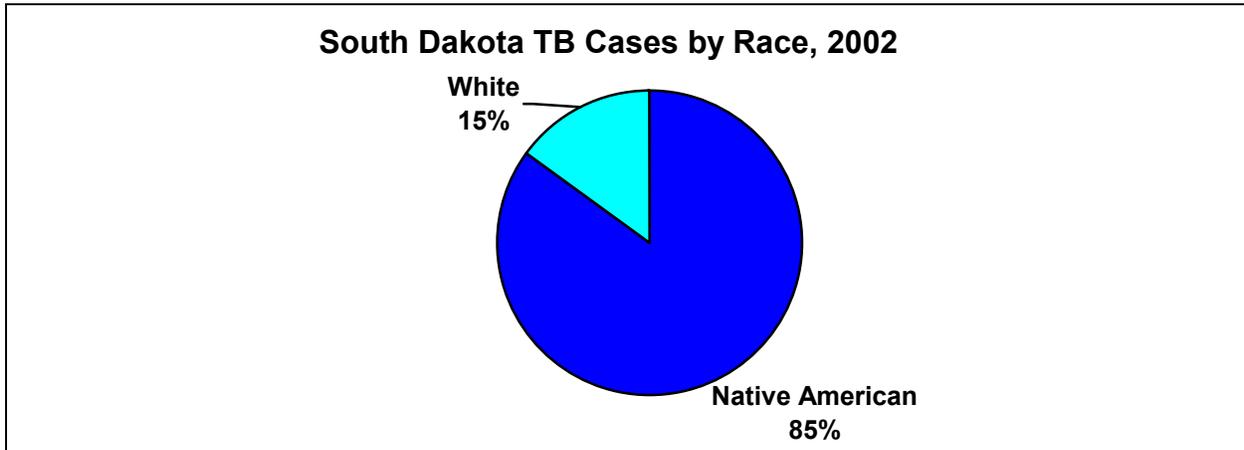


TB CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 2002

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	0	0	0	---
5-9	0	0	0	---
10-14	0	0	0	---
15-19	0	0	0	---
20-29	1	0	1	8%
30-39	0	0	0	---
40-49	0	3	3	23%
50-59	2	0	2	15%
60-69	2	2	4	31%
70-79	0	1	1	8%
80-89	1	1	2	15%
90+	0	0	0	---
TOTAL	6	7	13	100%

**TUBERCULOSIS CASES REPORTED BY SEX AND RACE
SOUTH DAKOTA 2002**

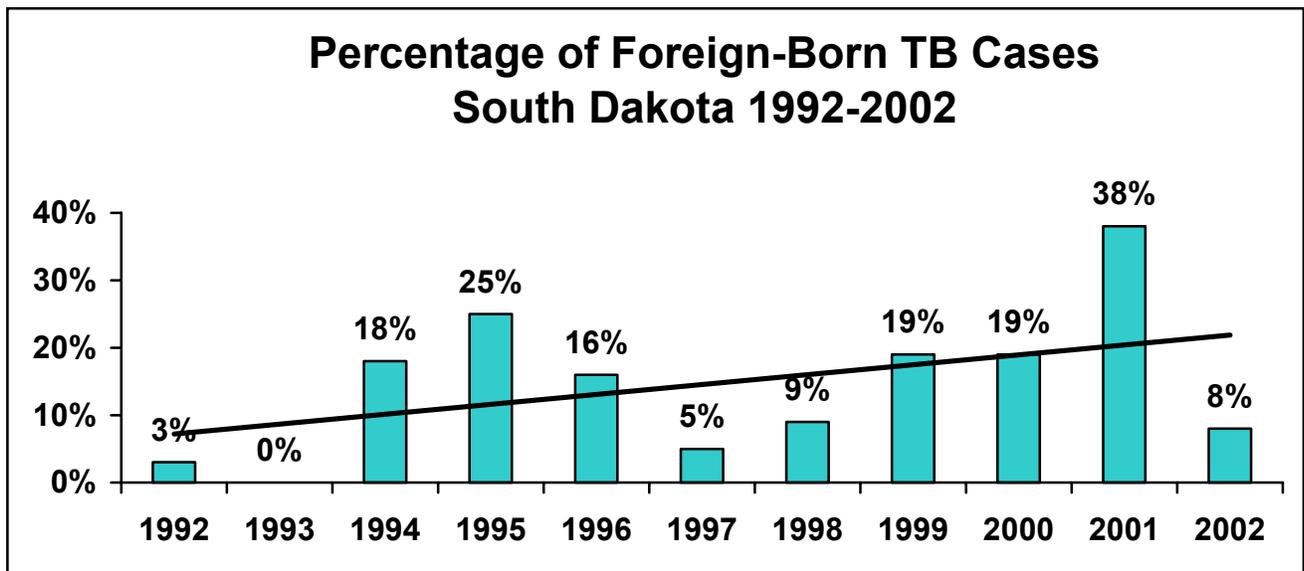
RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	5	6	11	85%
White	1	1	2	15%
Black	0	0	0	---
Hispanic	0	0	0	---
Asian	0	0	0	---
TOTAL	6	7	13	100%



**TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE & YEAR
SOUTH DAKOTA 1997-2002**

RACE	1997	1998	1999	2000	2001	2002
All Races	2.7	3.3	3.0	2.3	1.7	1.7
Native American	25.7	33.6	27.7	17.8	5.9	16.1
White	0.6	0.6	0.6	0.6	0.4	0.3
Black	Not available	Not available	Not available	Not available	48.4	0.0
Asian	Not available	Not available	Not available	Not available	17.4	0.0
All Other Races	12.6*	25.3*	37.9*	37.9*	38.5	0.0

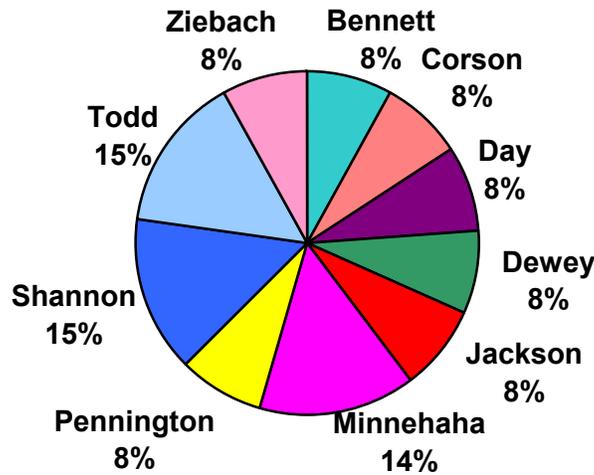
* Specific race data not available from the census for this year other than White & Native American.



**TB CASES REPORTED BY COUNTY OF RESIDENCE
SOUTH DAKOTA 2002**

County	# of TB cases	County	# of TB cases
Bennett	1	Minnehaha	2
Corson	1	Pennington	1
Day	1	Shannon	2
Dewey	1	Todd	2
Jackson	1	Ziebach	1

TB Cases Reported by County of Residence - 2002

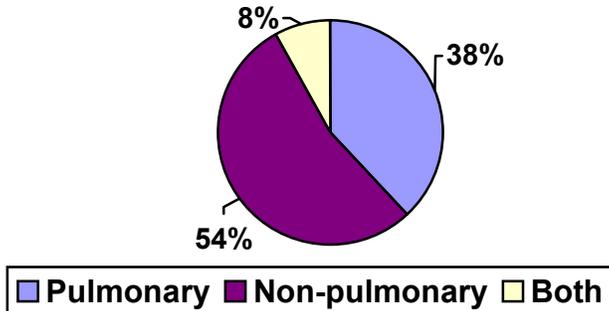


**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 2002**

Site of Disease	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	3	2	0	0	0	5
Non-pulmonary	7	0	0	0	0	7
Both	1	0	0	0	0	1
TOTAL	11	2	0	0	0	13

The non-pulmonary sites of disease included the following: renal, peritoneal, brain, meningitis, pectoral muscle, lesion on foot, neck tissue, knee

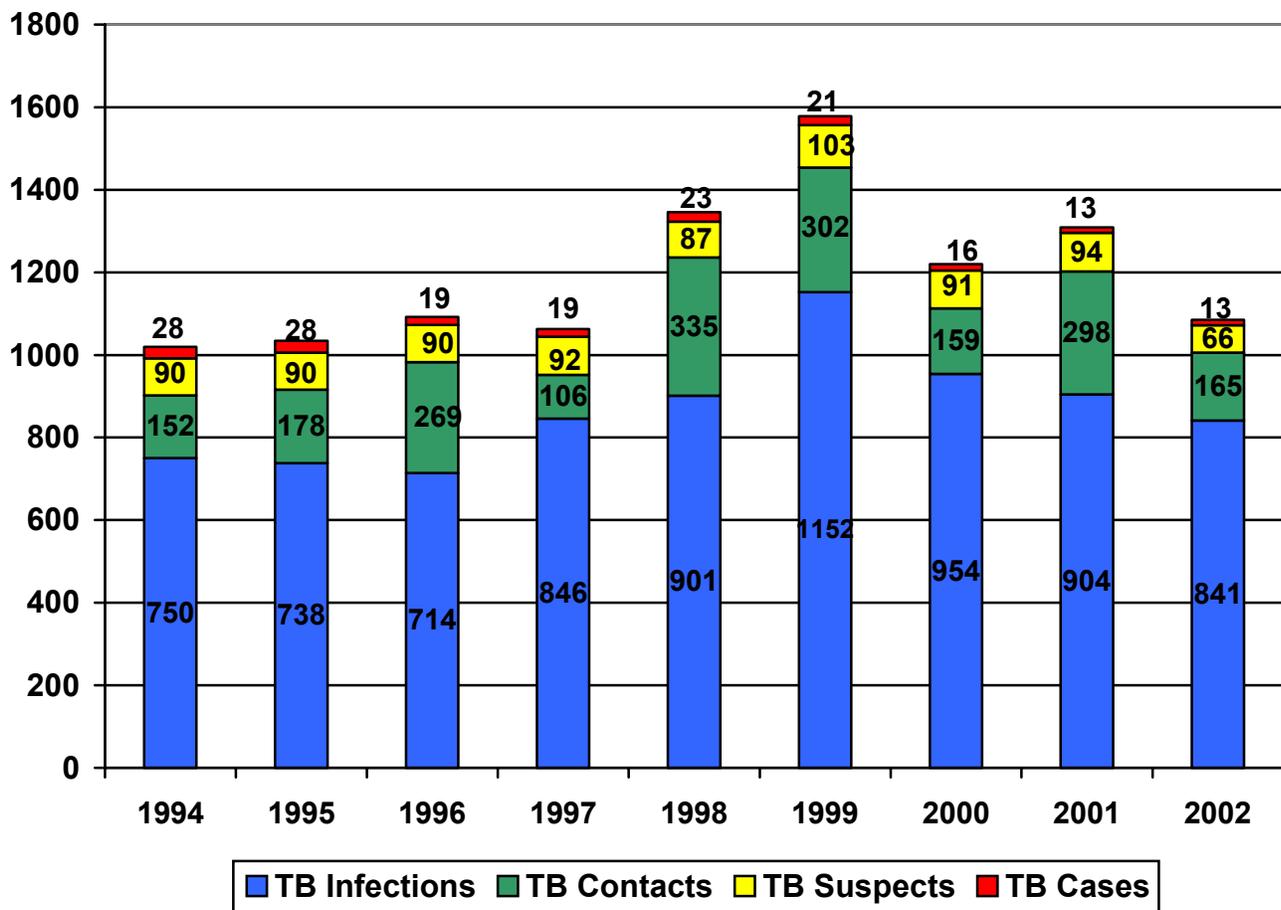
**Percentage of Pulmonary versus Non-pulmonary TB cases
South Dakota 2002**



**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1999-2002**

RACE	1999		2000		2001		2002	
All races	4/21	19%	4/16	25%	1/13	8%	4/13	31%
Native American	3/14	21%	3/9	33%	¼	25%	4/11	36%
White	¼	25%	1/3	33%	0/3	0%	0/2	0%
Black	0/1	0%	0/3	0%	0/3	0%	---	---
Hispanic	0/1	0%	---	---	0/2	0%	---	---
Asian	0/1	0%	---	---	0/1	0%	---	---

Cumulative # of TB Investigations by Disease Intervention Specialists (DIS)

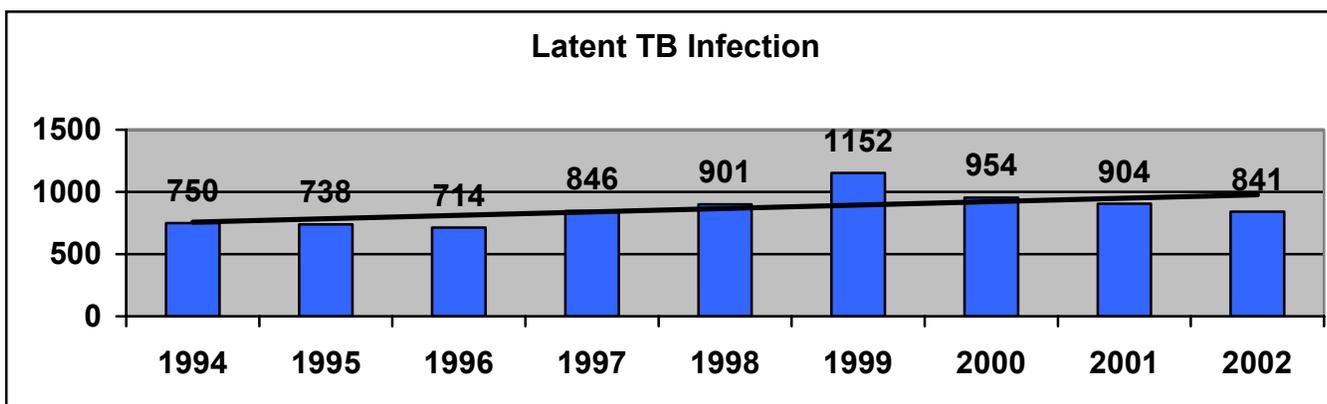
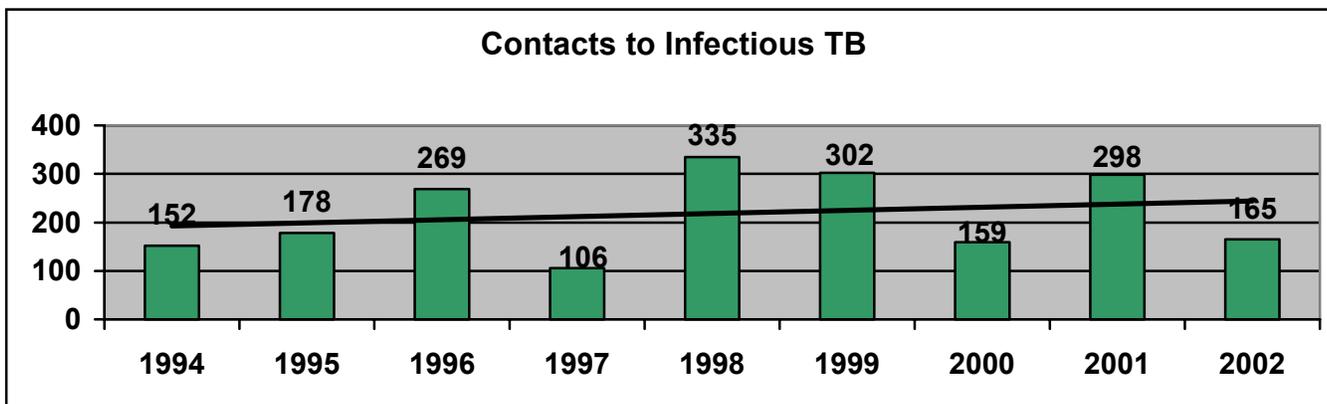
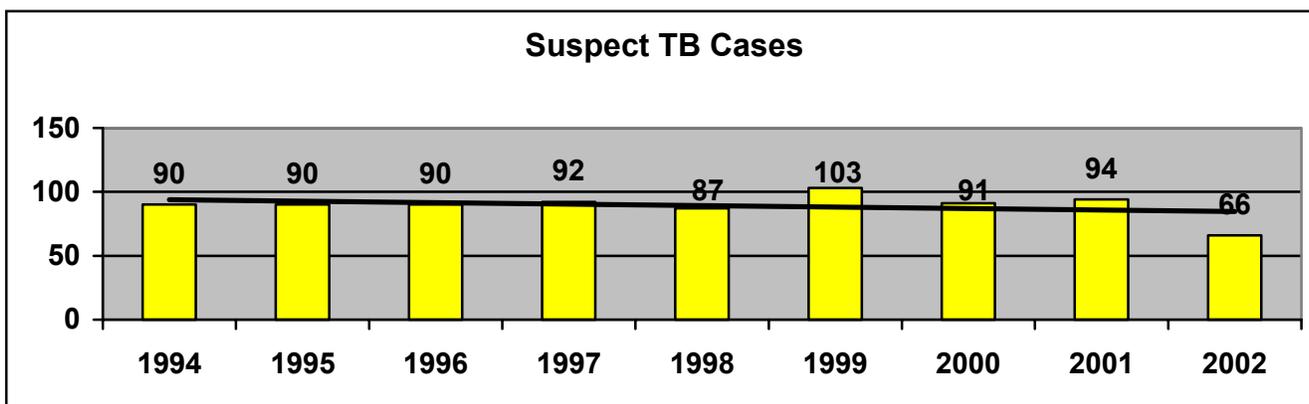
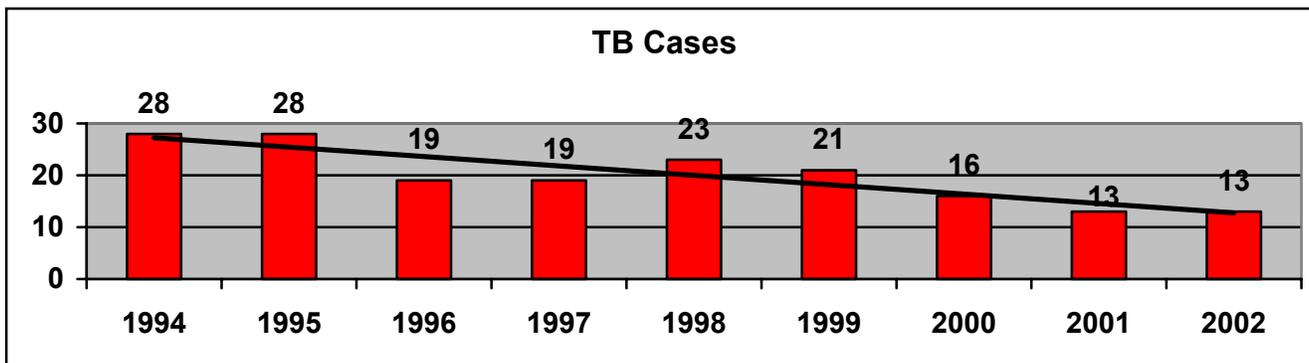


**PATIENTS STARTED ON TREATMENT FOR LATENT TB INFECTION
SOUTH DAKOTA 1993-2002**

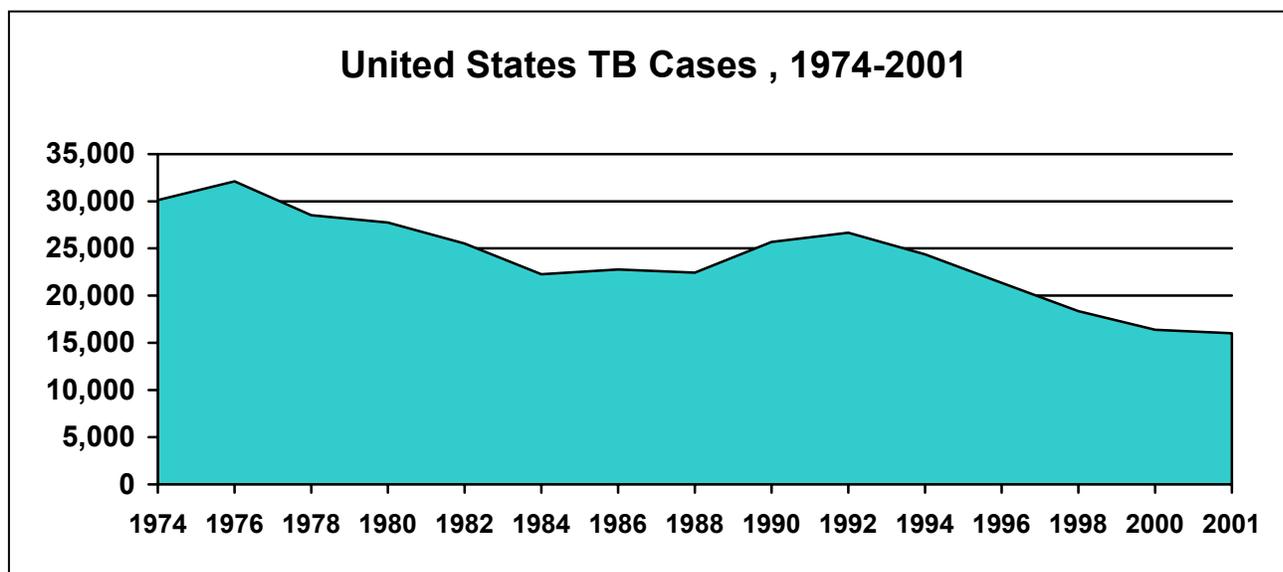
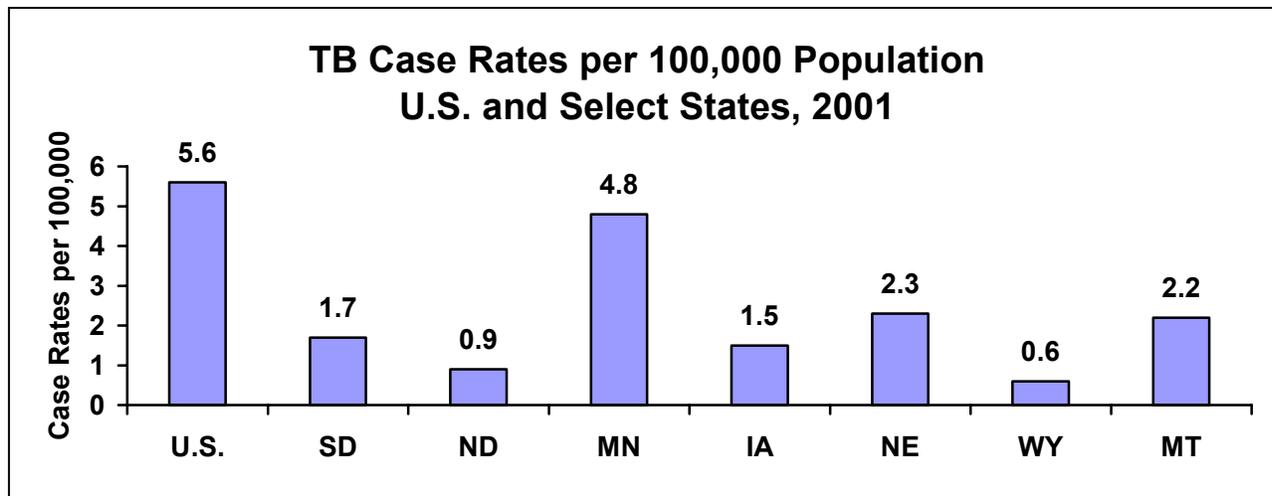
1993	1994	1995	1996	1997	1998	1999	2000	2001	2002*
654	536	579	640	631	683	771	592	670	566

*2002 data is provisional

COMPARISON OF TB CASES, TB SUSPECTS, TB CONTACTS AND TB INFECTIONS REPORTED FROM 1994-2002



2001 US AND REGIONAL TB STATISTICAL INFORMATION



**TUBERCULOSIS CASES AND CASE RATES PER 100,000
UNITED STATES 1991-2001**

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1991	26,283	10.4	+2.3%	+1.0%
1992	26,673	10.5	+1.5%	+1.0%
1993	25,287	9.8	-5.2%	-6.7%
1994	24,361	9.4	-3.7%	-4.1%
1995	22,860	8.7	-6.2%	-7.4%
1996	21,337	8.0	-6.7%	-8.0%
1997	19,851	7.4	-7.0%	-7.5%
1998	18,361	6.8	-7.5%	-8.1%
1999	17,531	6.4	-4.5%	-5.9%
2000	16,377	5.8	-6.6%	-9.4%
2001	15,989	5.6	-2.4%	-3.4%