



**North Carolina Department of Health and Human Services  
 Division of Public Health • Epidemiology Section  
 General Communicable Disease Control Branch  
 TB Control Program – Carol Dukes Hamilton, M.D., Medical Director  
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Michael F. Easley, Governor

Carmen Hooker Odom, Secretary

TO: Local and District Health Directors  
 TB Control Nurses

FROM: Carol Dukes Hamilton, M.D.  
 Medical Director, North Carolina TB Control Program

DATE: March 31, 2003

RE: 2002 Annual Tuberculosis Statistical Summary

Please find attached the 2002 report of TB cases and rates by North Carolina County. The packets are being sent directly to the TB Control Nurses, in recognition of their hard work and dedication to eliminating TB in North Carolina. We ask that they share the report with their Health Directors and staff. The summary was prepared using data each county submits for TB reporting on RVCT forms.

In 2002, the number of cases of TB in the state totaled 436 and our case rate increased over last year, from 4.8 per 100,000 population, to 5.2 per 100,000. Comparable statistics for the U.S. show that we are exactly in line with the U.S. average of 5.2 cases per 100,000 population. We have included 5-year averages for all counties, spanning the past decade, so you can see the trends statewide and locally. Some areas have had dramatic and sustained improvements, while a few have seen increased cases over the same time period.

Last year in this report we discussed the likelihood that we would see increased cases of TB in infants and children, especially related to increase TB in foreign-born populations. Unfortunately, the prediction proved correct in 2002. We had 32 cases of TB in children <14, more than any other year since 1994. Half were in the youngest cohort of 0-5 years, and the other 16 were 5-14 years. 59% were female, 41% male; 34% were culture positive. Of note, only 2 children were foreign-born (one from Sudan, the other from Mexico), though we assume that the majority of Hispanic children in North Carolina have parents and families who were born elsewhere. Other characteristics of the 2002 pediatric cases:

	Hispanic	Non-Hispanic Black	White, non-Hispanic
Age Group 0-5	8 (50%)	7 (44%)	1 (6%)
Age Group 5-14	2 (12.5%)	12 (75%)	2 (12.5%)

We hope this information will be useful in evaluating your own TB prevention and control program. If you have questions, please contact the nurse consultant for your county, or contact me. Please visit our Web site to find this report and more North Carolina TB information: <http://www.schs.state.nc.us/epi/tb/>

Attachments

Cc: Steve Cline, DDS, MPH  
 Jeffrey Engel, MD  
 TB Medical Advisory Committee  
 TB Control Staff



**TB Cases and Case Rates/100,000 Population, North Carolina, By County**

County	2001		2002	
	Cases	Rate	Cases	Rate
ALAMANCE	2	1.5	2	1.5
ALEXANDER	1	2.9		0.0
ALLEGHANY	1	9.3		0.0
ANSON	1	3.9	1	3.9
ASHE	1	4.1	1	4.0
AVERY		0.0	1	5.7
BEAUFORT	1	2.2	2	4.4
BERTIE	3	15.2	3	15.3
BLADEN		0.0	3	9.1
BRUNSWICK	2	2.6	3	3.9
BUNCOMBE	4	1.9	4	1.9
BURKE	2	2.2	2	2.2
CABARRUS	5	3.7	2	1.4
CALDWELL	4	5.1	1	1.3
CAMDEN		0.0	1	14.1
CARTERET	1	1.7	1	1.6
CASWELL		0.0		0.0
CATAWBA	5	3.5	3	2.0
CHATHAM	1	2.0	1	1.9
CHEROKEE	1	4.0	1	4.0
CHOWAN		0.0	3	20.4
CLAY		0.0		0.0
CLEVELAND	2	2.1	3	3.0
COLUMBUS	10	18.1	4	7.2
CRAVEN		0.0	3	3.2
CUMBERLAND	21	6.8	17	5.5
CURRITUCK		0.0		0.0
DARE		0.0	3	9.5
DAVIDSON	2	1.3	3	2.0
DAVIE		0.0		0.0
DUPLIN	5	10.0	7	13.7
DURHAM	19	8.3	14	6.0
EDGECOMBE		0.0	5	9.0
FORSYTH	15	4.8	16	5.1
FRANKLIN	2	4.1	3	6.1
GASTON	7	3.6	5	2.6
GATES	1	9.4		0.0
GRAHAM		0.0		0.0
GRANVILLE	2	4.0	1	2.0
GREENE	2	10.3	2	10.1
GUILFORD	27	6.3	43	9.8
HALIFAX	11	19.1	6	10.4
HARNETT	6	6.4	3	3.1
HAYWOOD		0.0	1	1.8
HENDERSON	1	1.1	1	1.1
HERTFORD	7	30.9	4	17.7
HOKE	1	2.9	4	11.1
HYDE		0.0		0.0
IREDELL	2	1.6	2	1.6
JACKSON	2	5.9	1	2.9
JOHNSTON	8	6.3	10	7.6

County	2001		2002	
	Cases	Rate	Cases	Rate
JONES		0.0	1	9.5
LEE	3	6.0	3	5.9
LENOIR	7	11.7	7	11.6
LINCOLN		0.0	1	1.5
MACON		0.0	1	3.2
MADISON		0.0		0.0
MARTIN	3	11.7	5	19.5
MCDOWELL	3	7.0	1	2.3
MECKLENBURG	40	5.6	49	6.7
MITCHELL		0.0	2	12.6
MONTGOMERY	1	3.7	9	32.7
MOORE		0.0	4	5.1
NASH	5	5.6	7	7.8
NEW HANOVER	16	9.7	4	2.4
NORTHAMPTON	4	18.0	2	9.0
ONSLow	4	2.6	3	2.0
ORANGE	3	2.5	3	2.4
PAMLICO		0.0		0.0
PASQUOTANK	2	5.7	2	5.6
PENDER	3	7.1	6	13.8
PERQUIMANS	1	8.7	1	8.7
PERSON		0.0	1	2.7
PITT	14	10.2	8	5.7
POLK		0.0		0.0
RANDOLPH	1	0.8	3	2.2
RICHMOND	3	6.4	10	21.3
ROBESON	4	3.2	8	6.3
ROCKINGHAM	6	6.5	3	3.2
ROWAN	2	1.5	1	0.7
RUTHERFORD	2	3.1		0.0
SAMPSON	2	3.2	2	3.2
SCOTLAND	2	5.5	2	5.5
STANLY		0.0	1	1.7
STOKES	1	2.2		0.0
SURRY	2	2.8	2	2.7
SWAIN		0.0	2	15.1
TRANSYLVANIA	1	3.4	1	3.3
TYRRELL		0.0		0.0
UNION	5	3.9	3	2.3
VANCE		0.0	4	9.1
WAKE	40	6.1	57	8.5
WARREN	1	4.9		0.0
WASHINGTON	2	14.6	1	7.3
WATAUGA	1	2.3		0.0
WAYNE	9	7.9	8	6.9
WILKES	2	3.0	4	6.0
WILSON	10	13.4	5	6.6
YADKIN	2	5.4	2	5.3
YANCEY	2	11.1	1	5.5
<b>Totals</b>	<b>397</b>	<b>4.8</b>	<b>436</b>	<b>5.2</b>

### Hispanic TB Cases, NC, 1998-2002

County	Total	1998	1999	2000	2001	2002
Alamance	5	2	2		1	
Alleghany	1				1	
Ashe	1					1
Avery	1		1			
Bladen	2	1		1		
Brunswick	4	1	1	1	1	
Buncombe	3	1			1	1
Burke	3			2	1	
Cabarrus	3		1	1		1
Catawba	3	1	1	1		
Chatham	6	4		1		1
Cherokee	1					1
Cleveland	1					1
Columbus	5			2	2	1
Craven	1	1				
Cumberland	2		1			1
Dare	2			1		1
Duplin	14	3	4	2	1	4
Durham	29	6	3	8	6	6
Edgecombe	3		1	2		
Forsyth	31		7	4	11	9
Franklin	2				2	
Gaston	7	1		2	2	2
Granville	1				1	
Greene	2		1	1		
Guilford	17	2	2	2	6	5
Harnett	3	1	1			1
Haywood	0					
Henderson	7		2	3	1	1
Hertford	3	2				1
Hoke	2			1		1
Iredell	4	1			1	2
Jackson	2				2	
Johnston	4		1	2	1	
Lee	6		4	1		1
Lenoir	0					
Lincoln	1	1				
Mecklenburg	40	4	13	13	4	6
Montgomery	4	1	2		1	
Moore	2	1				1
Nash	3	2			1	
New Hanover	5			1	3	1
Northampton	1				1	
Onslow	4	3	1			
Orange	2				1	1
Pasquotank	1			1		
Pender	10	2	1	3	1	3

County	Total	1998	1999	2000	2001	2002
Person	1			1		
Pitt	1	1				
Randolph	4		2	1		1
Richmond	1				1	
Robeson	10	1	1	4	2	2
Rockingham	3				3	
Rowan	3			1	1	1
Sampson	4	2	2			
Surry	1		1			
Union	8		2	2	2	2
Wake	26	3	3	2	9	9
Wayne	8		2		2	4
Wilkes	4	2			1	1
Wilson	2	1	1			
Yadkin	4				2	2
Yancey	1				1	
<b>TOTAL</b>		<b>51</b>	<b>64</b>	<b>67</b>	<b>77</b>	<b>76</b>

**TB Cases, North Carolina, By County and 5-year Averages 1993-2002**

<b>County</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>5-year Ave</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>5-year Ave</b>
ALAMANCE	3	3	3	3	5	<b>3</b>	3	6	1	2	2	<b>3</b>
ALEXANDER		1		1		<b>0</b>		1		1		<b>0</b>
ALLEGHANY			2			<b>0</b>				1		<b>0</b>
ANSON		1	1			<b>0</b>	1	3	1	1	1	<b>1</b>
ASHE					1	<b>0</b>		1		1	1	<b>1</b>
AVERY	1					<b>0</b>		2	1		1	<b>1</b>
BEAUFORT	8	9	6	1	4	<b>6</b>	5	2	2	1	2	<b>2</b>
BERTIE	4	2	2	3	3	<b>3</b>	4	5		3	3	<b>3</b>
BLADEN	9	2	4	5	3	<b>5</b>	5	4	6		3	<b>4</b>
BRUNSWICK	4	4	4	8	3	<b>5</b>	7	5	5	2	3	<b>4</b>
BUNCOMBE	10	3	7	3	5	<b>6</b>	5	5	6	4	4	<b>5</b>
BURKE	2	2	2	3	2	<b>2</b>	1	4	2	2	2	<b>2</b>
CABARRUS	6	3	3	5	6	<b>5</b>	5	2	6	5	2	<b>4</b>
CALDWELL	2	3		2	1	<b>2</b>	2	2	3	4	1	<b>2</b>
CAMDEN		3				<b>1</b>					1	<b>0</b>
CARTERET	3	6	9	2	1	<b>4</b>	1		1	1	1	<b>1</b>
CASWELL				1		<b>0</b>			2			<b>0</b>
CATAWBA	1	6	4	1		<b>2</b>	8	9	8	5	3	<b>7</b>
CHATHAM		2	1	2	1	<b>1</b>	4	3	3	1	1	<b>2</b>
CHEROKEE	1	1	1	2		<b>1</b>		1	1	1	1	<b>1</b>
CHOWAN			1	2	2	<b>1</b>	2	4			3	<b>2</b>
CLAY						<b>0</b>						<b>0</b>
CLEVELAND	9	4	5	2	2	<b>4</b>	5	1	1	2	3	<b>2</b>
COLUMBUS	3	3	8	3	5	<b>4</b>	3	7	10	10	4	<b>7</b>
CRAVEN	13	8	7	5	3	<b>7</b>	5	1	6		3	<b>3</b>
CUMBERLAND	18	29	23	15	20	<b>21</b>	21	18	21	21	17	<b>20</b>
CURRITUCK				2	1	<b>1</b>			1			<b>0</b>
DARE		2			1	<b>1</b>			2		3	<b>1</b>
DAVIDSON	1	1	4	2	6	<b>3</b>	4	2	4	2	3	<b>3</b>
DAVIE		2	1			<b>1</b>	1		1			<b>0</b>
DUPLIN	4	7	3	15	5	<b>7</b>	5	9	8	5	7	<b>7</b>
DURHAM	22	24	17	12	11	<b>17</b>	22	19	20	19	14	<b>19</b>
EDGECOMBE	12	10	10	15	10	<b>11</b>	8	8	4		5	<b>5</b>
FORSYTH	10	13	14	14	19	<b>14</b>	20	20	13	15	16	<b>17</b>
FRANKLIN	2	3	1	4	1	<b>2</b>			2	2	3	<b>1</b>
GASTON	12	4		7	3	<b>5</b>	7	5	11	7	5	<b>7</b>
GATES	4	1		1	1	<b>1</b>				1		<b>0</b>
GRAHAM				1	1	<b>0</b>	2					<b>0</b>
GRANVILLE	3	4	3	1	3	<b>3</b>	1	2	1	2	1	<b>1</b>
GREENE	4	4	4	7	3	<b>4</b>	3	3	6	2	2	<b>3</b>
GUILFORD	29	32	25	17	19	<b>24</b>	34	34	20	27	43	<b>32</b>
HALIFAX	14	11	8	11	12	<b>11</b>	15	4	4	11	6	<b>8</b>
HARNETT	8	11	11	17	12	<b>12</b>	8	3	5	6	3	<b>5</b>
HAYWOOD	1		1		2	<b>1</b>	1		5		1	<b>1</b>
HENDERSON	1	2	1	2	1	<b>1</b>	3	2	6	1	1	<b>3</b>
HERTFORD	8	4	6	9		<b>5</b>	8	5	2	7	4	<b>5</b>
HOKE	6	1	6	7	5	<b>5</b>	4	2	3	1	4	<b>3</b>
HYDE		1	1			<b>0</b>						<b>0</b>
IREDELL	1	3	2	2	1	<b>2</b>	3	2	2	2	2	<b>2</b>
JACKSON				1		<b>0</b>	1			2	1	<b>1</b>
JOHNSTON	13	10	14	31	12	<b>16</b>	11	20	12	8	10	<b>12</b>

<b>TB Cases, North Carolina, By County and 5-year Averages 1993-2002</b>												
<b>County</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>5-year Ave</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>5-year Ave</b>
JONES	1	3		4	2	<b>2</b>	1	1	2		1	<b>1</b>
LEE	6	6	5	8	3	<b>6</b>	4	6	5	3	3	<b>4</b>
LENOIR	15	14	11	15	6	<b>12</b>	7	12	9	7	7	<b>8</b>
LINCOLN	3	2	1	2	2	<b>2</b>	2	1			1	<b>1</b>
MACON	2			2		<b>1</b>		1			1	<b>0</b>
MADISON			1			<b>0</b>						<b>0</b>
MARTIN	5	5	2	2	3	<b>3</b>	6	4	4	3	5	<b>4</b>
MCDOWELL		4	2			<b>1</b>	1	1	3	3	1	<b>2</b>
MECKLENBURG	60	76	83	80	84	<b>77</b>	59	79	67	40	49	<b>59</b>
MITCHELL				1		<b>0</b>		1	1		2	<b>1</b>
MONTGOMERY	5	5	1			<b>2</b>	2	2	1	1	9	<b>3</b>
MOORE	4	6	4	2	4	<b>4</b>	2	3	1		4	<b>2</b>
NASH	15	7	7	11	5	<b>9</b>	10	6	4	5	7	<b>6</b>
NEW HANOVER	2	7	12	15	13	<b>10</b>	10	3	7	16	4	<b>8</b>
NORTHAMPTON	6	2	3	2	2	<b>3</b>	6	4	3	4	2	<b>4</b>
ONSLow	8	8	10		6	<b>6</b>	17	9	3	4	3	<b>7</b>
ORANGE	8	2	9	3	3	<b>5</b>	4	1	8	3	3	<b>4</b>
PAMLICO		3	1	2		<b>1</b>						<b>0</b>
PASQUOTANK	1	2	1	1	1	<b>1</b>	2	1	3	2	2	<b>2</b>
PENDER	5	5	2	1		<b>3</b>	4	2	3	3	6	<b>4</b>
PERQUIMANS	4	2	1		1	<b>2</b>	1	1		1	1	<b>1</b>
PERSON		6		3		<b>2</b>	2		4		1	<b>1</b>
PITT	35	34	30	13	12	<b>25</b>	16	12	10	14	8	<b>12</b>
POLK	1			1		<b>0</b>						<b>0</b>
RANDOLPH	1	2	3	4	3	<b>3</b>	2	6	1	1	3	<b>3</b>
RICHMOND	4	1	2	13	8	<b>6</b>	4	3	3	3	10	<b>5</b>
ROBESON	15	22	19	15	9	<b>16</b>	3	8	6	4	8	<b>6</b>
ROCKINGHAM	3	2	2	2	1	<b>2</b>	3	1	4	6	3	<b>3</b>
ROWAN	4	2	7	6	5	<b>5</b>	2	2	7	2	1	<b>3</b>
RUTHERFORD	7		1	1	1	<b>2</b>	2	2	1	2		<b>1</b>
SAMPSON	10	11	1	10	7	<b>8</b>	10	12	6	2	2	<b>6</b>
SCOTLAND	8	4	2	11	3	<b>6</b>	3	4	2	2	2	<b>3</b>
STANLY	1	4	5	2	3	<b>3</b>		2	3		1	<b>1</b>
STOKES	1					<b>0</b>	1			1		<b>0</b>
SURRY	3	1	2	1		<b>1</b>		3		2	2	<b>1</b>
SWAIN	4				2	<b>1</b>	2				2	<b>1</b>
TRANSYLVANIA	1				1	<b>0</b>		1		1	1	<b>1</b>
TYRRELL	1				1	<b>0</b>						<b>0</b>
UNION	2	5	4	2	4	<b>3</b>	4	6	3	5	3	<b>4</b>
VANCE	4	3	4	6	2	<b>4</b>					4	<b>1</b>
WAKE	32	35	34	34	42	<b>35</b>	41	36	39	40	57	<b>43</b>
WARREN	1	3		2		<b>1</b>		3	1	1		<b>1</b>
WASHINGTON	3	3	2	1	4	<b>3</b>		1	1	2	1	<b>1</b>
WATAUGA						<b>0</b>		3		1		<b>1</b>
WAYNE	21	10	3	21	6	<b>12</b>	4	13	7	9	8	<b>8</b>
WILKES	1				2	<b>1</b>	4		2	2	4	<b>2</b>
WILSON	29	12	15	6	16	<b>16</b>	9	8	4	10	5	<b>7</b>
YADKIN		1	1	1		<b>1</b>			1	2	2	<b>1</b>
YANCEY				1		<b>0</b>				2	1	<b>1</b>
<b>Totals</b>	<b>594</b>	<b>565</b>	<b>518</b>	<b>554</b>	<b>463</b>	<b>539</b>	<b>498</b>	<b>490</b>	<b>447</b>	<b>397</b>	<b>436</b>	<b>454</b>

<b>Hispanic TB Cases, North Carolina, as Percent of Total, 1998-2002</b>					
	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
<b>Hispanic</b>	51	64	67	77	76
<b>Total</b>	498	488	447	398	436
<b>% Hispanic</b>	10%	13%	15%	19%	17%
<b>Statewide Hispanic Case rate/100,000 Hispanic population</b>					<b>20</b>

<b>Country of Origin, Foreign-born TB cases, North Carolina 1998-2002</b>						
<b>Nation Name</b>	<b>Total</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
Mexico	228	29	40	45	58	56
India	41	5	5	8	13	10
Vietnam	33	3	8	5	5	12
Honduras	23	2	3	9	7	2
Philippines	18	4	4	1	4	5
Guatemala	17	3	3	5	3	3
El Salvador	11	2	2	1	3	3
Laos	11	1	2	3	3	2
Somalia	9	1	1	3	4	
Indonesia	8	1	5	1		1
Zaire	8			1	2	5
Kenya	7	2	2	2		1
Pakistan	7	2		2	1	2
Ethiopia	6			4		2
Cambodia	5	2	1			2
Congo	5		2	1	1	1
Korea Republic of	5		2		1	2
Niger	5				1	4
Nigeria	5	1	3	1		
Thailand	5	2	2		1	
China	4		1	2		1
Korea Democratic Peoples Rep	4	1	2			1
Liberia	4	1			2	1
Zambia	4			1	1	2

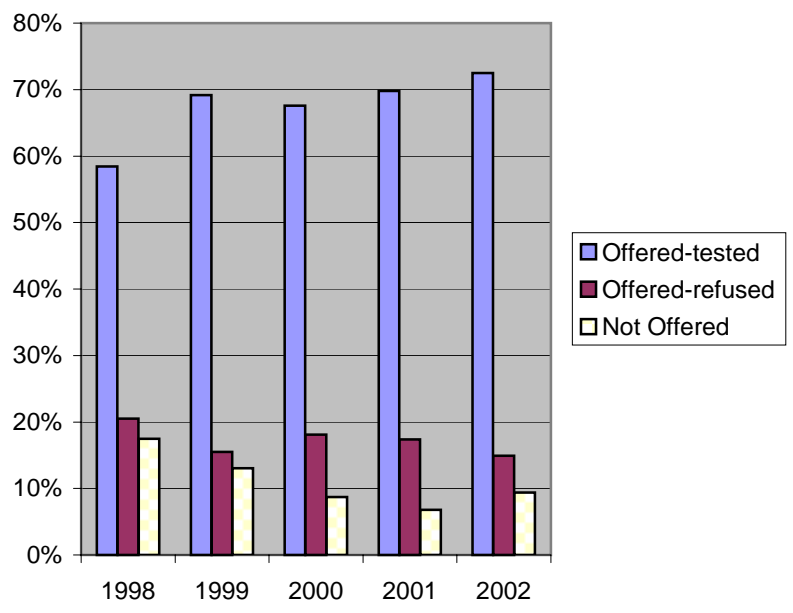
**TB Cases by Incarceration Status, NC**

Type of Correctional Facility	2000	2001	2002
Fed Prison	1	0	0
Local Jail	4	3	5
Other	2		
State Prison	2	1	2

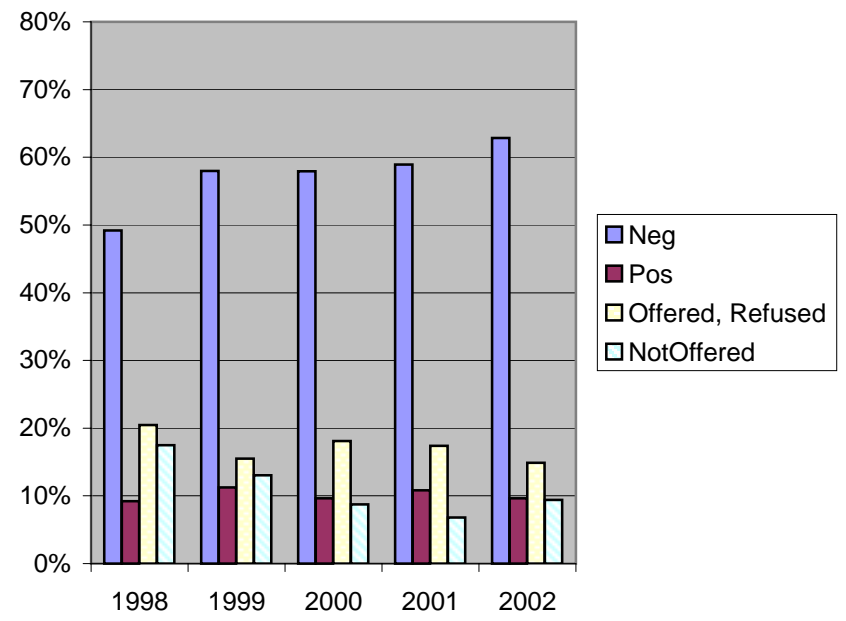
**TB Cases by Care Facilities**

Type of Longterm Facility	2000	2001	2002
AlcDrugRehab	2	1	
HospBasedFac	1		1
MentalReside	1		
NursingHome	5	10	9
Other	6	5	
ResidentialFac		5	2

**HIV Testing Status of TB Cases  
North Carolina 1998-2002**



**HIV Status of TB Cases  
North Carolina 1998-2002**

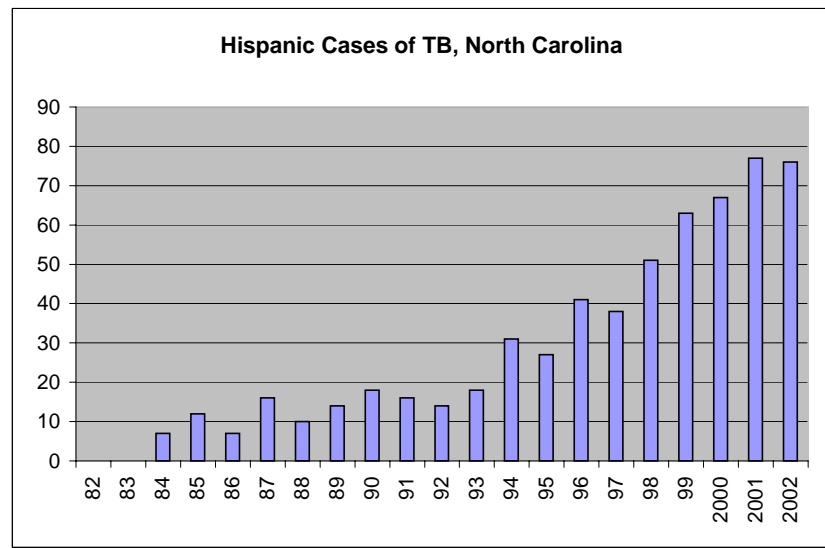
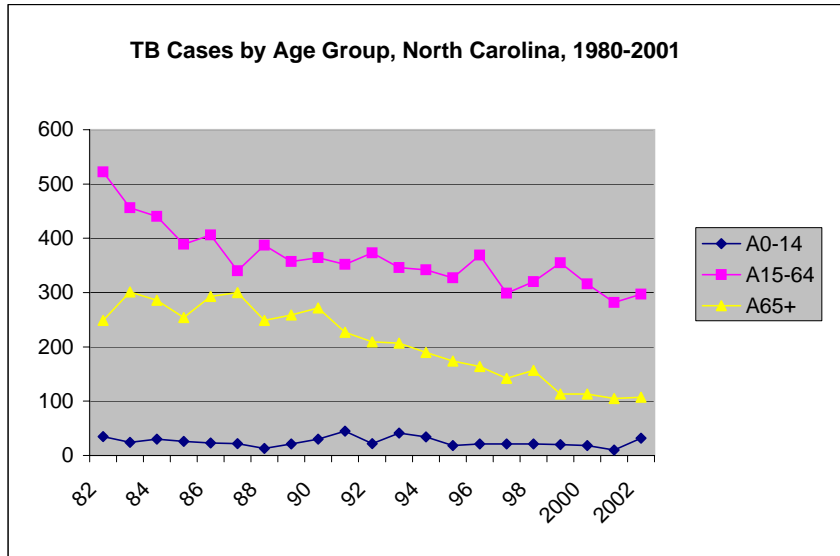


**HIV-TB Co-Infection as Percent of Age Group**

	1998	1999	2000	2001	2002
A0-14	0%	0%	0%	0%	0%
A15-64	14%	15%	14%	15%	13%
A65+	0%	1%	0%	1%	2%

**North Carolina 2002 TB Annual Report:  
Selected Characteristics**

	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	2000	2001	2002
<b>All State</b>	<b>806</b>	<b>780</b>	<b>756</b>	<b>669</b>	<b>722</b>	<b>662</b>	<b>649</b>	<b>637</b>	<b>666</b>	<b>624</b>	<b>604</b>	<b>594</b>	<b>566</b>	<b>519</b>	<b>554</b>	<b>462</b>	<b>498</b>	<b>488</b>	<b>447</b>	<b>397</b>	<b>436</b>
M	551	533	510	444	481	423	432	433	462	404	438	384	365	337	366	316	348	314	302	257	272
F	255	247	248	225	241	239	217	204	204	220	166	210	201	182	188	146	150	174	145	140	164
A0-14	35	24	30	26	23	22	13	21	30	45	22	41	34	18	21	21	21	20	18	10	32
A15-64	522	456	440	389	406	340	387	357	364	352	373	346	342	327	369	299	320	355	316	282	297
A65+	249	301	286	254	293	300	249	259	272	227	209	207	190	174	164	142	157	113	113	105	107
W	282	273	267	243	244	232	211	194	218	213	192	175	181	177	91	81	96	175	185	163	161
B	494	478	460	401	447	390	415	415	423	381	383	392	349	304	350	286	290	271	237	201	230
As	19	18	18	20	20	33	18	15	19	25	20	21	27	31	28	24	25	39	24	31	39
Am	11	11	13	5	11	7	5	13	6	5	9	6	8	7	3	2	3	3	1	2	6
Hisp Cases			7	12	7	16	10	14	18	16	14	18	31	27	41	38	51	63	67	77	76
ForBorn Cases		23	25	26	27	47	26	30	36	43	37	37	55	62	78	70	80	103	115	125	134
Migrant cases		21	19	12	12	13	13	15	18	18	13	8	11	5	13	11	16	10	15	8	6
HCW Cases		17	12	18	11	11	12	21	16	14	14	10	16	10	18	13	14	13	10	14	8
Homeless cases								24	16	11	23	13	39	51	48	36	33	34	29	32	30
HIV Cases								33	42	42	65	54	59	67	54	41	45	54	43	43	42
Exc Alcohol													148	151	131	129	129	129	102	75	87
Inj Drug user													19	20	13	6	6	2	4	4	6
Ninj Drug User													43	52	53	51	41	50	47	35	56

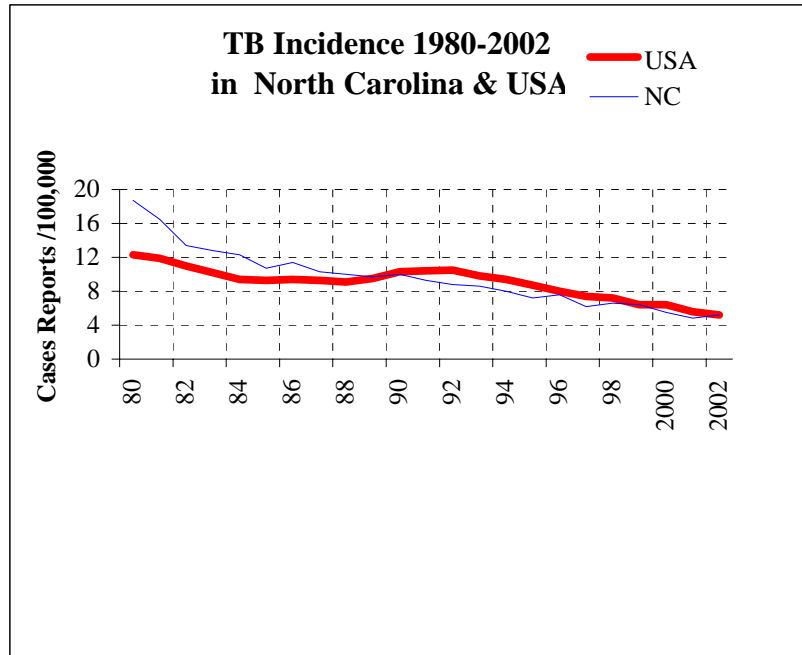




## North Carolina Tuberculosis: Incidence and Major Site

	Rates		Rank
	USA	NC	
1930	101.5	100.9	
40	78	58.3	
50	80.4	89.9	
60	30.8	31.6	
70	18.3	24.3	
80	12.3	18.7	3
81	11.9	16.5	8
82	11	13.4	12
83	10.2	12.8	13
84	9.4	12.3	12
85	9.3	10.7	14
86	9.4	11.4	13
87	9.3	10.3	14
88	9.1	10	15
89	9.5	9.7	15
90	10.3	10	14
91	10.4	9.3	17
92	10.5	8.8	17
93	9.8	8.6	17
94	9.4	8	20
95	8.7	7.2	22
96	8	7.6	17
97	7.4	6.2	20
98	7.2	6.6	17
99	6.4	6.4	17
2000	6.4	5.5	16
2001	5.6	4.8	20
2002	5.2	5.2	*15

Rates = New cases reported  
/ 100,000 population /year  
Rank = Rank of North Carolina rate  
compared to other states



\*NC Rank by Rate Provisional

### TB Cases by Site of Disease

Majorsite	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Bone /Joint	12	14	8	10	11	7	11	20	11	11
Genitourinary	14	6	8	6	4	2	6	6	3	8
Lymphatic: cervical	13	6	16	16	15	12	14	19	16	16
Lymphatic: intrathoracic	4	4	3	11	6	4	2	2	4	5
Lymphatic: other	5	5	6	4	4	9	3	7	12	5
Lymphatic: Unknown		1								
Meningeal	6	3	4	3	8	6	7	5		4
Miliary	8	11	10	13	11	11	14	7	14	10
Other	8	17	11	10	13	12	10	6	10	12
Peritoneal	2	4	6	6	7	2	4	1	3	6
Pleural	31	36	30	28	24	32	31	24	24	17
Pulmonary	491	458	416	447	360	401	388	350	300	342