

The 1991 World Health Assembly ratified the targets for global tuberculosis control. Tuberculosis was recognized as an important health problem. In the Americas, it is estimated that 370,000 new cases occurred in 2002; and 53,000 deaths resulted from TB.

The internationally recommended approach to TB control is **DOTS**, a cost-effective strategy that could prevent millions of TB cases and deaths over the coming decade. The DOTS strategy for TB control consists of five key elements:

- ◆ government commitment to TB control;
- ◆ detection of TB cases through sputum smear microscopy among people with symptoms;
- ◆ regular and uninterrupted supply of high-quality anti-TB drugs;
- ◆ 6-8 months of strictly supervised treatment (including direct observation of drug-taking);
- ◆ reporting systems to monitor treatment progress and program performance.

WHO Targets 2005

- ◆ 70% Case Detection Rate
 - ◆ 85% Success Rate
- Both for Infectious Cases & Sputum Smear+

MDG 2015

Goal 6: Combat HIV/AIDS, malaria and other diseases
Target 8: Have halted by 2015 and begun to reverse the incidence of malaria and other major diseases

Indicators

- ◆ 23. Prevalence and death rate associated with TB
- ◆ 24. Proportion of TB cases detected and cured under DOTS



Tuberculosis

Fact Sheet 2004, Americas



**Pan American
Health
Organization**

Regional Office of the
World Health Organization



Countries	Demographic Indicators		Epidemiological Indicators				Operational Indicators			Threats for TB Control				Resources	
	Total population (in thousands, 2002)	Pop. below Interna- tional Poverty Line (%, 1995-2001 lay)	All Reported Cases of TB, 2002		Reported Cases of SS+ TB, 2002*		DOTS Coverage (% pop., 2002)	DOTS SS+ Detection Rate (% , 2002)	Success Rate under DOTS (%, 2001-2002 cohort)	Primary MDR-TB (%)	Year	Reported data on TB/HIV** (%)	Year	GFTAM Funding, first two years (thousands US\$)	Date of Grant Signature
			Number	Rate per 100,000 pop.	Number	Rate per 100,000 pop.									
Anquilla	12		0	0	0										
Antigua & Barbuda	73		4	6	2	3	100	92	100						
Argentina	37,981	3.3	11,546	30	5,495	14	100	51	64	1.8	1999	5.0	2002		
Bahamas	310		44	14	32	10	100	50	64			40.0	2002		
Barbados	269		5	2	5	2	100	24							
Belize	251		135	54	71	28	100	117	66			11.7	2002		
Bermuda	81		0	0	0		100								
Bolivia	8,645	14.4	10,201	118	6,829	79	86	75	82	1.2	1996			2,381	Jul-04
Brazil	176,257	8.2	81,436	46	41,371	23	25	10	67	0.9	1995				
British Virgin Islands	21		1	5	0										
Canada	31,271		1,556	5	445	1	100	52	67	0.7	2000				
Cayman Islands	39		0	0	0		100	0	100						
Chile	15,613	2.0	2,448	16	1,412	9	100	112	83	0.7	2001				
Colombia	43,526	14.4	11,376	26	7,787	18	14	9	85	1.5	1999				
Costa Rica	4,094	2.0	543	13	328	8	84	79	72			8.9	2002		
Cuba	11,271		896	8	538	5	100	91	93	0.3	2000		2002		
Dominica	78		2	3	2	3	100	36	100						
Dominican Republic	8,616	2.0	4,040	47	2,179	25	40	43	85	6.6	1994	5.5	2002	2,636	May-04
Ecuador	12,810	17.7	5,829	46	4,223	33	37	31	82	5.0	2003			8,901	
El Salvador	6,415	31.1	1,550	24	980	15	100	57	88	0.3	2001	5.2	2002	1,918	Jul-03
Grenada	80		1	1	0	15									
Guatemala	12,036	16.0	2,909	24	1,865	18	100	45	85	3.7	2002	14.0	2002		
Guyana	764	2.0	590	77	138	75	25	11	90			10.7	2002	726	Oct-04
Haiti	8,218		12,066	147	6,188	44	45	41	75					8,131	Jun-04
Honduras	6,781	23.8	4,579	68	2,956	2	100	114	86	1.8	2002	4.8	2002	3,700	Feb-03
Jamaica	2,627	2.0	106	4	60	11	100	68	78			30.8	2002		
Mexico	101,965	9.9	17,790	17	11,555		70	73	83	2.4	1997	1.2	2002		
Montserrat	3		0	0	0	3	100								
Netherlands Antilles	219		7	3	7	25									
Nicaragua	5,335	45.1	2,092	39	1,320	23	100	85	83	1.2	1997	0.8	1999	1,271	Oct-03
Panama	3,064	7.2	1,514	49	709	17	67	88	65			12.0	2002	440	Feb-03
Paraguay	5,740	14.9	2,107	37	1,004	77	10	8	86	2.1	2003				
Peru	26,767	18.1	36,092	135	20,533	2	100	84	90	3.0	1999	2.0	2002	20,153	Nov-03
Puerto Rico	3,859		129	3	76	2	100	65	80	2.0	2001				
St. Kitts & Nevis	42		3	7	1	5	100	49							
St. Lucia	148		17	11	8		100	72	50			52.8	2002		
St. Vincent & the Grenadines	119		10	8	0	9	100		80						
Suriname	432		93	22	41	5						30.0	2002		
Trinidad & Tobago	1,298		133	10	60	10		0				31.1	2002		
Turks & Caicos Islands	20		3	15	2	9	0	0							
United States of America	291,038		15,055	5	5,380		100	87	70	1.1	1999				
US Virgin Islands	110		0		0		0								
Uruguay	3,391	2.0	536	16	308	2	100	70	85	0.3	2001	14.1	2002		
Venezuela	25,226	15.0	6,204	25	3,444	14	88	65	80	0.3	1998	4.7	2002		
Total	856,915		233,648	28	127,354	15	73	46	81						

* Source: United Nations Population Division, World Population Prospects, 2002 revision.

**SS+ = Sputum smear positive.

***Data from the National TB Programs, 2002.