

ANNEX 4

**Trends in  
treatment  
success and  
DOTS detection  
rates,  
1994-2002**



**Trends in treatment success and DOTS detection rates, 1994-2002**

	DOTS treatment success (%)								DOTS detection rate (%)							
	1994	1995	1996	1997	1998	1999	2000	2001	1995	1996	1997	1998	1999	2000	2001	2002
Afghanistan				45	33	87	86	84			2	6	5	9	14	19
Albania								98							21	24
Algeria			86			87	87	84			134			126	115	114
American Samoa		100			50	100	100	100		0	63		34	23	24	12
Andorra					100	67	50	100			226	14	44	15	47	32
Angola				15	68		68	66			70	42	65		69	91
Anguilla																
Antigua & Barbuda					50	50	100	100					44	134	45	92
Argentina					55	59	54	64			4	7	20	30	38	51
Armenia		83	77	82	81	88	87	90	9	23	41	43	40	47	28	28
Australia				66	75	84	74	66				23	30	24	20	25
Austria						77	73	64						58	48	41
Azerbaijan			86	87	86	88	91	66	4	8	6	7	7	6	0	43
Bahamas					72	66		64						62	95	50
Bahrain					13	95	73	87						62	16	61
Bangladesh	73	71	72	78	80	81	83	84	6	14	18	23	24	25	27	32
Barbados															30	24
Belarus																
Belgium								64							71	64
Belize						88	78	66		43	99			79	91	117
Benin	76	73	72	73	77	77		79	94	93	93	92	98	99		98
Bermuda																0
Bhutan	71	97	96	85	90	85	90	93	28	24	23	22	26	29	30	31
Bolivia	66	62	71	77	62	74	79	82	40	79	73	75	74	71	74	75
Bosnia & Herzegovina				93	88	90	94	98				38	63	63	69	47
Botswana	72	67	70	70	47	71	77	78	69	80	76	81	76	77	71	73
Brazil					91	89	73	67				4	4	8	8	10
British Virgin Islands																
Brunei Darussalam					85	76	63	56					120	96	105	121
Bulgaria								87						23	10	43
Burkina Faso		25	29	61	59	61	60	65	11	20	15	18	18	20	18	18
Burundi	44	45		67	74		80	80	20	25	31	19	38		33	28
Cambodia	84	91	94	91	95	93	91	92	41	34	44	47	51	47	44	52
Cameroon				80	75	75	77	62		5		11	21	34	42	60
Canada					35	79	80	67					51	58	58	52
Cape Verde								42							40	31
Cayman Islands								100							129	0
Central African Republic		37					57	61		63					9	49
Chad	63	47			64				34	14			41			42
Chile	83	79	80	77	83	83	82	83	73	72	80	90	93	87	99	112
China	94	96	96	96	97	96	95	96	15	28	31	30	28	29	28	27
China, Hong Kong SAR					85	78	76	78					57	54	50	51
China, Macao SAR	75			81		78	89	86	92	130	189	137		93	90	77
Colombia					74	82	80	85					30	91		9
Comoros	94	90		85		93			59	61		50		44		
Congo	69					61	69	66	67			50		84	78	69
Cook Islands				50		80		100		0	0	32	0	0	76	40
Costa Rica						81	76	72					32	152	90	79
Côte d'Ivoire	17	68	56	61	62	63		73	54	53	50	49	46	36	9	25
Croatia																
Cuba	86	90	92	90	94	91	93	93	81	88	87	92	96	98	88	91
Cyprus					42			92				28	97			46
Czech Republic	73	60	66	69	65	78	70	73	44	58	53	65	59	60	61	57
Denmark																
Djibouti		75	77	76	79	72	62	78		117	112	90	75	60	51	45
Dominica			100					100			84	51				36
Dominican Republic						81	79	85					9	6	10	43
DPR Korea					91	94	91	91					2	27	58	88
DR Congo	71	80	48	64	70	69	78	77	42	49	47	57	54	51	54	52
Ecuador								82							5	31

*continued...*

Trends in treatment success and DOTS detection rates, 1994-2002, cont'd

	DOTS treatment success (%)								DOTS detection rate (%)							
	1994	1995	1996	1997	1998	1999	2000	2001	1995	1996	1997	1998	1999	2000	2001	2002
Egypt	52		81	82	87	87	87	82	41	0	10	16	30	44	48	53
El Salvador					77	78	79	88			45	52	55	56	57	57
Equatorial Guinea	89	89	77	82					73	67	69	84				
Eritrea				83	73	44	76	80			3	6	13	14	16	14
Estonia						63	70	64						72	62	61
Ethiopia	74	61	73	72	74	76	80	76	16	21	24	25	26	34	33	33
Fiji	90	86		87	90	92	85	85	46	48	48	56	51	50	62	66
Finland																
France																
French Polynesia		67	95	100	74	85	97	80		92	106	91	91	83		82
Gabon								49								73
Gambia	74	76	80	70				71	76	69	73	76				73
Georgia		58		65	78	61	63	67	15	31		32	42	33	53	50
Germany				54	58	77	67				63	63	64		50	52
Ghana		54	51	48	59	55	50	42	16	14	32	33	31	39	41	41
Greece																
Grenada																
Guam						94	93	71						69	74	48
Guatemala	62	61	81	73	79	81	86	85	42	58	56	56	56	50	41	45
Guinea	78	78	75	74	73	74	68	74	44	52	51	54	54	55	54	54
Guinea-Bissau						35		51						46		43
Guyana						91	91	90						10	20	11
Haiti				73	79	70	73	75			2	12	24	23	30	41
Honduras					93	88	89	86				2	15	61	104	114
Hungary					80		64	46					36	25	35	39
Iceland								67							69	48
India	83	79	79	82	84	82	84	85	0	1	1	2	7	12	23	31
Indonesia	94	91	81	54	58	50	87	86	1	4	7	12	19	20	21	30
Iran			87	84	83	82	85	84	50		13	36	55	59	62	60
Iraq					83	85	92	89				2	6	21	21	21
Ireland																
Israel							78	79						6	59	58
Italy		80	82	69	72	71	74	40		14	9	13	55	31	10	63
Jamaica		67	72	79	89	74	45	78		85	80	91	104	102	85	68
Japan						76	70	75						22	29	33
Jordan	90				92	88	90	86	112			73	71	64	71	72
Kazakhstan					79	79	79	78				3	76	94	93	93
Kenya	73	75	77	65	77	78	80	80	53	55	54	59	58	49	51	49
Kiribati					83	88	91	86			34	153	177	159	185	233
Kuwait																
Kyrgyzstan			88	76	82	83	82	81		2	3	31	58	42		45
Lao PDR		70	55	62	75	84	82	77		25	33	39	44	38	38	43
Latvia		61	64	65	71	74	72	73		62	70	76	68	75	80	78
Lebanon	89				73	96	92	91	55				92	80	73	68
Lesotho	56	47	71	63		69		71	62	72	85	77		74		61
Liberia		79		75						30		45				
Libyan Arab Jamahiriya					68	67							150	116		
Lithuania					79	84	92	75					3	2	32	62
Luxembourg															43	69
Madagascar	51	55		64			70	69	53	67		68			66	62
Malawi	22	71	68	71	69	71	73	70	39	40	44	48	43	42	41	36
Malaysia		69				90	78	79	61	67				78	80	78
Maldives	95	97	93	94	94	94	97	97	94	96	93	95	104	84	83	92
Mali	68	59	65	62	70	68		50	15	16	17	17	15	13		15
Malta		100	100	100	100	75	100	100		35	22	45	70	41	26	44
Marshall Islands					83	82	91	86				55	84	53	71	84
Mauritania																
Mauritius	96				91	87	93	93	39			32	35	33	24	25
Mexico			75	65	78	80	76	83			15	30	40	70	94	73
Micronesia	64	80				95	93	100	16	23				35	18	50

continued...

Trends in treatment success and DOTS detection rates, 1994-2002, cont'd

	DOTS treatment success (%)								DOTS detection rate (%)							
	1994	1995	1996	1997	1998	1999	2000	2001	1995	1996	1997	1998	1999	2000	2001	2002
Monaco																
Mongolia	59	78	78	86	84	86	87	87	8	32	31	53	66	59	69	69
Montserrat															0	0
Morocco	86	90	88	89	88	88	89	87	94	94	93	88	88	84	83	83
Mozambique	67	39	54	67		71	75	77	60	54	52	52		47	45	45
Myanmar		66	79	82	82	81	82	81		25	26	29	34	51	62	73
Namibia			66	64	69	68	64	68	23	84	86	87	82	78	80	76
Nauru						50	25	100						217	112	114
Nepal			85	87	89	87	86	88		5	11	16	46	60	61	64
Netherlands	81	72	81	80	65	79	76		76	49	44	37	46	45	49	54
Netherlands Antilles																
New Caledonia	62	75			70	77	89	84	34	33			32	44	38	23
New Zealand							30	9						41	37	48
Nicaragua	81	80	79	81	82	81	82	83	71	82	84	87	87	86	93	85
Niger			57	66		60					21	17		33		
Nigeria	65	49	32	73	73	75	79	79	12	18	12	12	13	13	13	12
Niue															0	371
Northern Mariana Is						80	81	74						95	64	68
Norway		77	80	44	69	77	70	87		67	68	35	16	29	48	26
Oman		84	87	91	86	95	93	90		76	84	76	84	115	109	106
Pakistan	74	70		67	66	70	74	77	1	2		4	2	3	5	13
Palau	64	67	75					100	132	57	97					110
Panama				51	51	80	67	65				13	8	44	68	88
Papua New Guinea		60		93	72	66	63	67		4	1	7	4	7	7	15
Paraguay	46	51				77	86		14	55				4	9	8
Peru	81	83	89	90	92	93	90	90	102	88	94	98	90	86	86	84
Philippines	80		82	83	84	87	88	88	0	0	3	10	19	46	54	58
Poland					75	69	72	77				2	3	3	3	55
Portugal	48	69	74	78	74	85	79	78	78	77	67	85	78	84	95	94
Puerto Rico		65	68	68	68	77	72	80		59	73	66	72	60	56	65
Qatar	83	81	72	79	84	74	66	60	46	32	28	47	38	34	49	39
Rep. Korea	71	76	71	82					34	65	56	57				
Republic of Moldova						83	66								38	19
Romania				72	85	78	80	78				85	4	9	10	41
Russian Federation		65	62	67	68	65	68	67		0	1	1	2	5	5	6
Rwanda			61	68	72	67	61		36	35	41	54	45	33	26	29
Saint Kitts & Nevis				25	50							131	45	0	0	49
Saint Lucia				67	82	89	100	50			93	102	78	61	53	72
Samoa	50	80	100		86	94	92	77	47	33	48		63	50	44	75
San Marino				100			0			0	102	0	0	113	0	0
Sao Tome & Principe																
Saudi Arabia					57	66	73	77						22	36	37
Senegal	35	39	41	52	48		52	53	67	71	61	60	53		59	54
Serbia & Montenegro								88							24	22
Seychelles		89	100	100		90	82	67		70	83	74		77	82	60
Sierra Leone	75	69	74	79		75	77	80	29	42	41	38		36	36	36
Singapore	88	86				95	85	88	57	26				13	22	39
Slovakia	96	64	73	67	85	79	82	87	81	84	34	39	34	35	36	35
Slovenia		90	87	82	78	88	84	82		77	58	62	70	66	68	68
Solomon Islands		65	73	92	92		81	89		59	71	85	54	62	65	57
Somalia		86	84	90	88	88	83	86		19	24	23	24	25	29	28
South Africa			69	73	74	60	66	65			6	22	68	72	76	96
Spain																
Sri Lanka	77	79	80	76	76	84	77	80	60	59	71	77	78	72	79	79
St Vincent & Grenadines				86		100	100	80				18		56	19	0
Sudan			70	65	81	79	80			2	1	29	29	34	31	33
Suriname																
Swaziland								36								31
Sweden						79	62								54	59
Switzerland																

continued...

Trends in treatment success and DOTS detection rates, 1994-2002, cont'd

	DOTS treatment success (%)								DOTS detection rate (%)							
	1994	1995	1996	1997	1998	1999	2000	2001	1995	1996	1997	1998	1999	2000	2001	2002
Syrian Arab Republic			92	88	88	84	79	81			8	21	29	42	43	42
Tajikistan																3
TFYR Macedonia							86	88							42	37
Thailand			78	62	68	77	69	75		0	5	22	41	49	80	73
Timor-Leste								73								59
Togo	45	60	65	66	69	76		55	15	15		14	13	14		6
Tokelau																
Tonga	89	75	82	75	94	80	93	92	47	88	69	96	63	99	55	164
Trinidad & Tobago																
Tunisia					91	91	91	90					111	102	104	92
Turkey																
Turkmenistan							69	75						18	35	36
Turks & Caicos Islands					71								117			
Tuvalu																
Uganda			33	40	62	61	63	56			58	57	54	48	45	47
Ukraine																
United Arab Emirates							74	62						29	29	25
United Kingdom																
UR Tanzania	80	73	76	77	76	78	78	81	53	53	52	53	51	48	46	43
Uruguay	83	68	80	77	84	83	85	85	77	94	94	83	88	78	77	70
US Virgin Islands			50								74					
USA		72	71	72	72	76	82	70		83	82	84	84	84	85	87
Uzbekistan					78	79	80	76				0	2	4	8	24
Vanuatu						88	88	88					31	33	59	37
Venezuela	68	74	80	72	81	82	76	80	73	75	75	78	82	77	67	65
Viet Nam	91	91	90	85	93	92	92	93	31	60	79	82	81	79	80	82
Wallis & Futuna Is								100								50
Yemen			76	81		83	75	80		8	30	37		56	53	49
Zambia							75	71								40
Zimbabwe					70	73	69	71				52	49	46	47	46