

COUNTRY PROFILES

Albania	69	Lithuania	95
Andorra	70	Luxembourg	96
Armenia	71	Macedonia, FYR of	97
Austria	72	Malta	98
Azerbaijan	73	Moldova, Republic of	99
Belarus	74	Monaco	100
Belgium	75	Netherlands	101
Bosnia & Herzegovina	76	Norway	102
Bulgaria	77	Poland	103
Croatia	78	Portugal	104
Czech Republic	79	Romania	105
Denmark	80	Russian Federation	106
Estonia	81	San Marino	107
Finland	82	Slovakia	108
France	83	Slovenia	109
Georgia	84	Spain	110
Germany	85	Sweden	111
Greece	86	Switzerland	112
Hungary	87	Tajikistan	113
Iceland	88	Turkey	114
Ireland	89	Turkmenistan	115
Israel	90	Ukraine	116
Italy	91	United Kingdom	117
Kazakhstan	92	Uzbekistan	118
Kyrgyzstan	93	Yugoslavia	119
Latvia	94		

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	631
Notification rate per 100 000	20.1
Sex ratio (M:F)	1.3
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Foreign citizens	-
New (never treated)	593 (94.0%)
Culture positive	119 (18.9%)
Pulmonary	392 (62.1%)
of which sputum smear positive	186 (47.4%)

Drug Resistance Surveillance, 2000

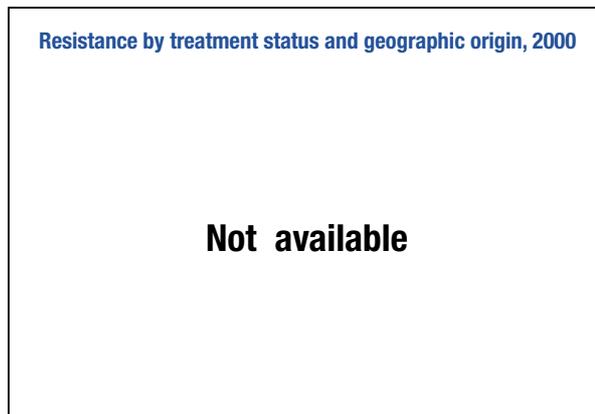
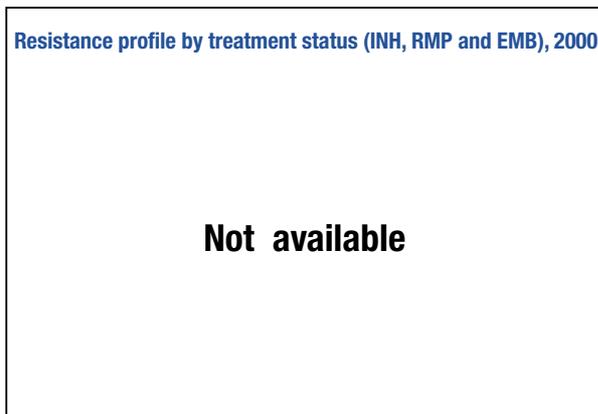
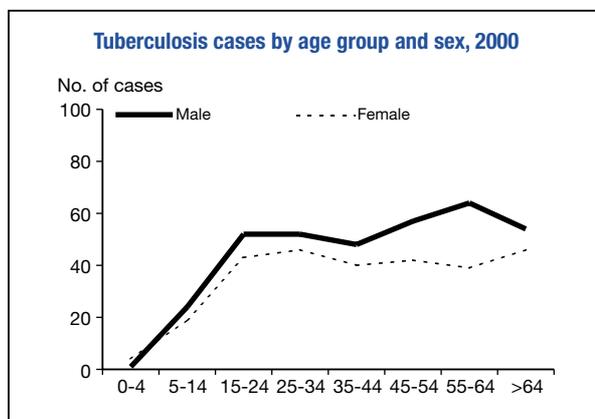
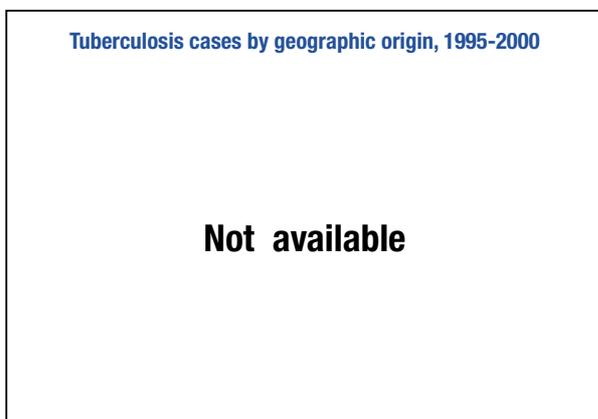
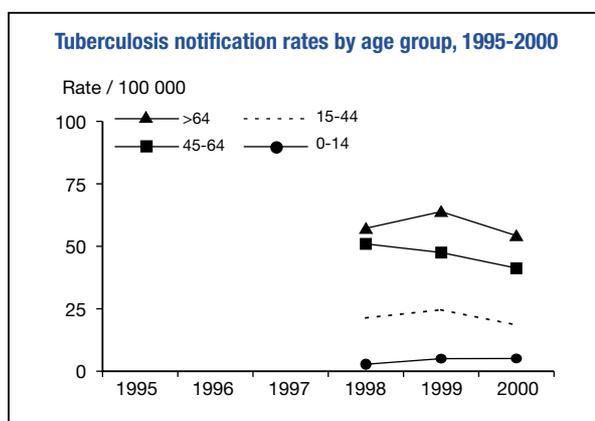
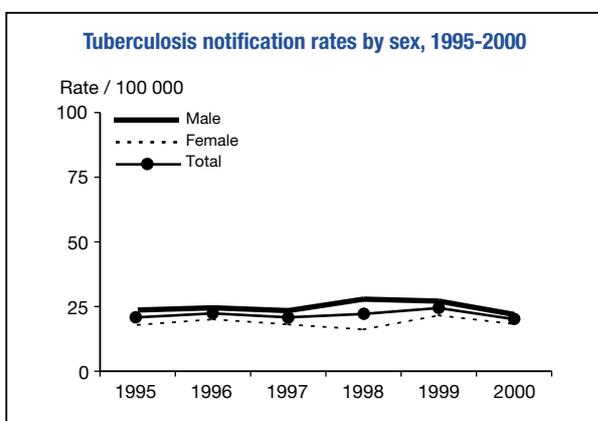
International proficiency testing	Yes
Geographic coverage §	Some areas
Linkage with notification	No §
Cases with DST results	98
Cases resistant to INH	8 (8.2%)
Cases resistant to RMP	7 (7.1%)
MDR cases	6 (6.1%)
Cases resistant to EMB	4 (4.1%)
Cases resistant to SM	12 (12.2%)

Culture and DST not routinely performed

§ Cases diagnosed at the NRL

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

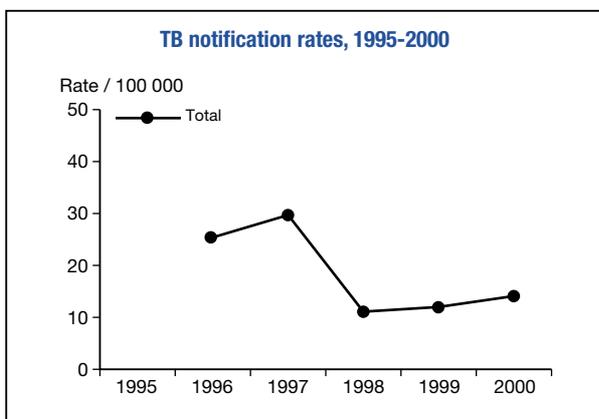
Type of data provided	Aggregate
Total number of cases	11
Notification rate per 100 000	14.1
Sex ratio (M:F)	9.0
Median age-group, nationals	05-14
Median age-group, non-nationals	35-44 years
Individuals born abroad	8 (72.7%)
New (never treated)	11 (100.0%)
Culture positive	6 (54.5%)
Pulmonary	10 (90.9%)
of which sputum smear positive	1 (11.1%)

Drug Resistance Surveillance, 2000

International proficiency testing	No
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	3 / 5 (60%)
Cases resistant to INH	0 (0.0%)
Cases resistant to RMP	0 (0.0%)
MDR cases	0 (0.0%)
Cases resistant to EMB	0 (0.0%)
Cases resistant to SM	0 (0.0%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	3
Success	2 (67%)
Death	0 (0%)
Failure	0 (0%)
Default	1 (33%)
Transfer	0 (0%)
Other / unknown	0 (0%)



Tuberculosis notification rates by age group, 1995-2000

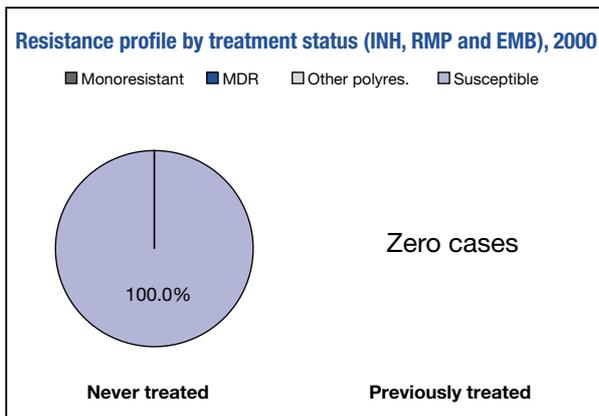
Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin, 1995-2000

Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin, age group and sex, 2000

Insufficient number of cases for graphic presentation



Resistance by treatment status and geographic origin, 2000

No resistance reported

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	1 344
Notification rate per 100 000	35.5
Sex ratio (M:F)	4.9
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Foreign citizens	0 (0.0%)
New (never treated)	1 279 (95.2%)
Culture positive	- -
Pulmonary	1 191 (88.6%)
of which sputum smear positive	686 (57.6%)

Drug Resistance Surveillance, 2000

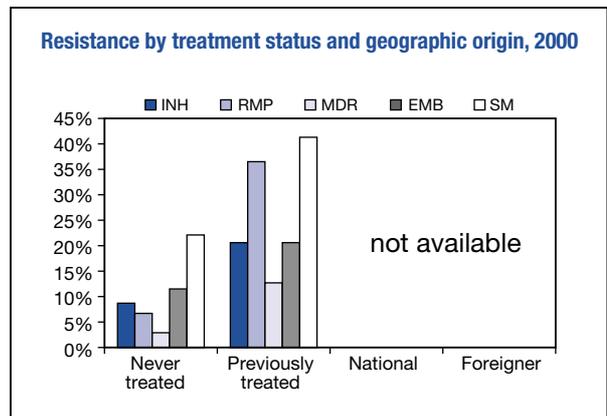
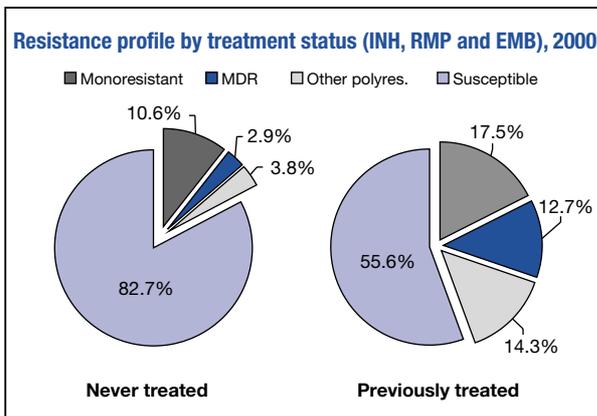
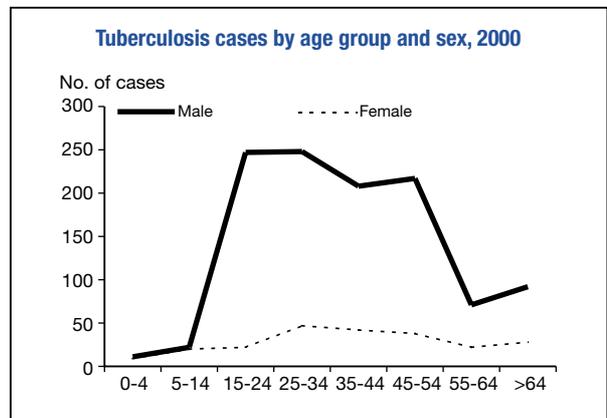
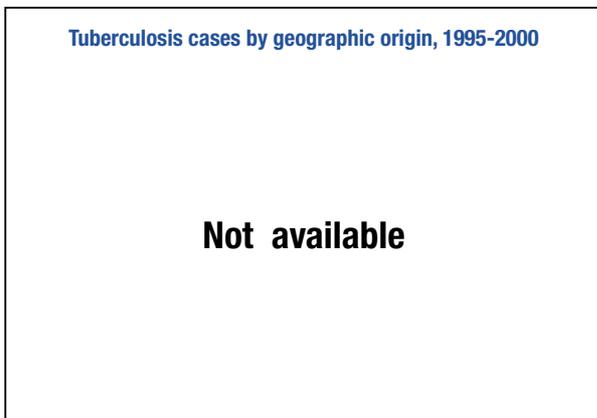
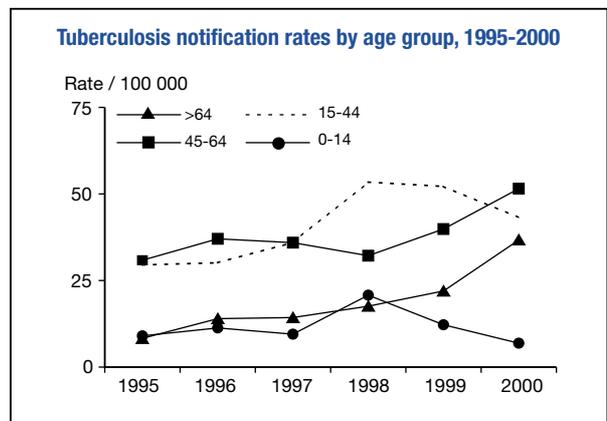
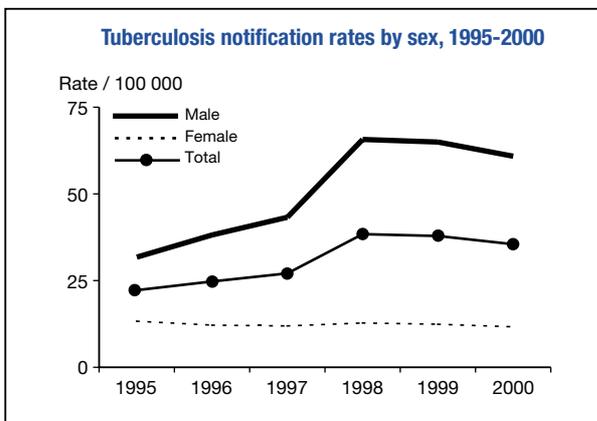
International proficiency testing	No
Geographic coverage	-
Linkage with notification	No §
Cases with DST results	167 -
Cases resistant to INH	22 (13.2%)
Cases resistant to RMP	30 (18.0%)
MDR cases	11 (6.6%)
Cases resistant to EMB	25 (15.0%)
Cases resistant to SM	49 (29.3%)

Culture and DST not routinely performed
§ Cases diagnosed at the NRL

Treatment Outcome Monitoring, 1999

Geographic coverage	Some areas §
Cohort	new sputum smear positive
Included in TOM cohort	391
Success	343 (88%)
Death	8 (2%)
Failure	18 (5%)
Default	20 (5%)
Transfer	2 (1%)
Other / unknown	0 (0%)

§ DOTS areas, representing 73% of smear positive cases



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	1 218
Notification rate per 100 000	15.1
Sex ratio (M:F)	1.6
Median age-group, nationals	45-54 years
Median age-group, non-nationals	25-34 years
Foreign citizens	334 (27.4%)
New (never treated)	1 106 (90.8%)
Culture positive	762 (62.6%)
Pulmonary	1 003 (82.3%)
of which sputum smear positive	333 (33.2%)

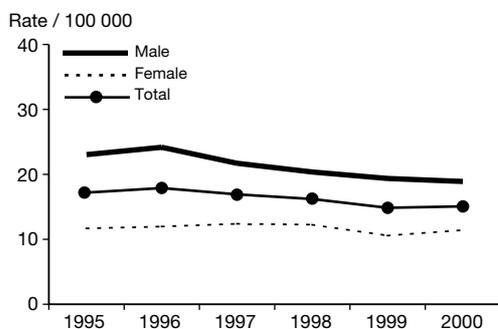
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	761 / 762 (100%)
Cases resistant to INH	22 (2.9%)
Cases resistant to RMP	6 (0.8%)
MDR cases	4 (0.5%)
Cases resistant to EMB	1 (0.1%)
Cases resistant to SM	23 (3.0%)

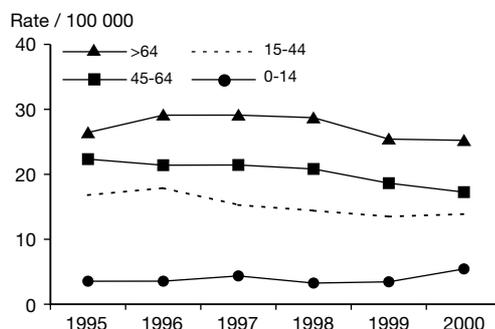
Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	544
Success	417 (77%)
Death	61 (11%)
Failure	0 (0%)
Default	33 (6%)
Transfer	0 (0%)
Other / unknown	33 (6%)

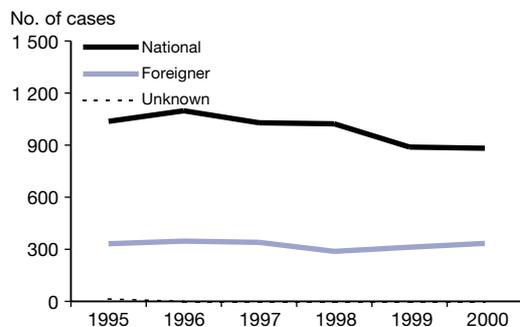
Tuberculosis notification rates by sex, 1995-2000



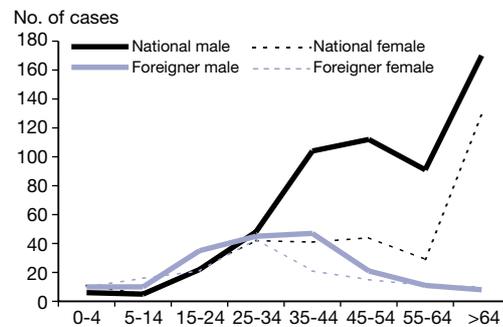
Tuberculosis notification rates by age group, 1995-2000



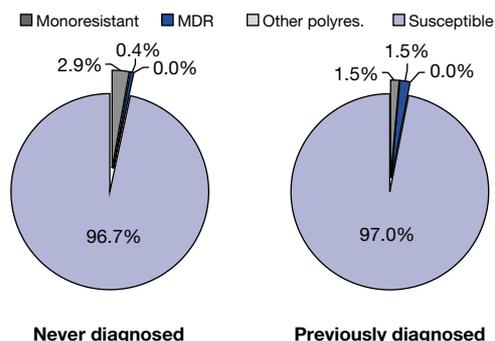
Tuberculosis cases by geographic origin, 1995-2000



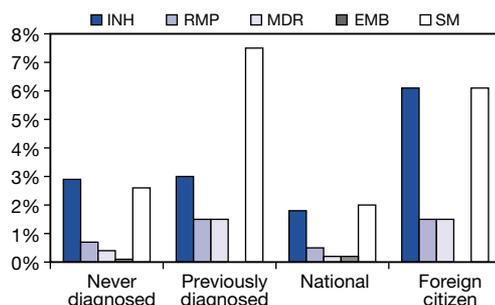
Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	5 187
Notification rate per 100 000	64.5
Sex ratio (M:F)*	2.9
Median age-group, nationals	-
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	5 113 (98.6%)
Culture positive	492 (9.5%)
Pulmonary	4 942 (95.3%)
of which sputum smear positive	964 (19.5%)

* for new cases

Drug Resistance Surveillance, 2000

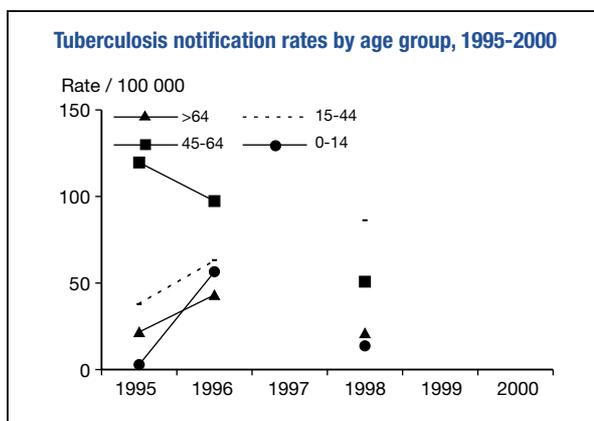
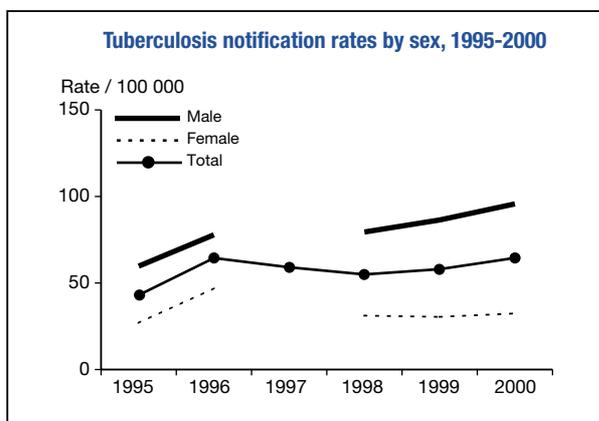
International proficiency testing	No
Geographic coverage	Baku
Linkage with notification	No §
Cases with DST results	184 / 184 (100%)
Cases resistant to INH	10 (5.4%)
Cases resistant to RMP	8 (4.3%)
MDR cases	3 (1.6%)
Cases resistant to EMB	4 (2.2%)
Cases resistant to SM	21 (11.4%)

Culture and DST not routinely performed

§ Cases diagnosed at the NRL

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	763
Success	636 (83%)
Death	19 (2%)
Failure	43 (6%)
Default	53 (7%)
Transfer	12 (2%)
Other / unknown	0 (0%)



Tuberculosis cases by geographic origin, 1995-2000

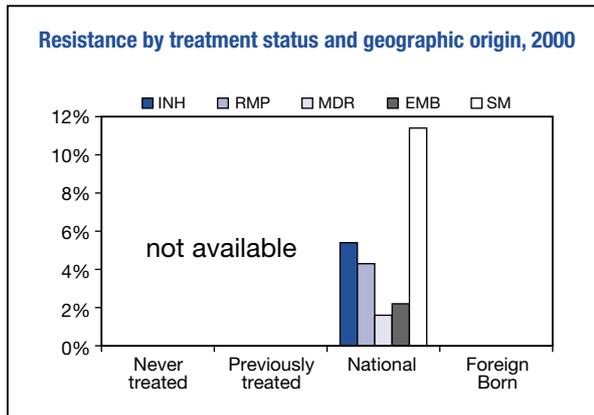
Foreigners not included in TB notifications

Tuberculosis cases by geographic origin, age group and sex, 2000

Not available

Resistance profile by treatment status (INH, RMP and EMB), 2000

Not available



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	6 084
Notification rate per 100 000	59.7
Sex ratio (M:F)	3.4
Median age-group, nationals	–
Median age-group, non-nationals	–
Foreign born / citizens	– –
New (never treated)	– –
Culture positive *	2 550 (41.9%)
Respiratory	5 636 –
of which sputum smear positive	– –

* new cases notified to MoH

Drug Resistance Surveillance, 2000

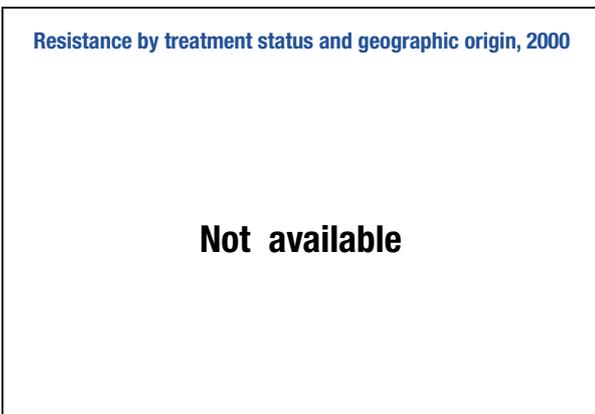
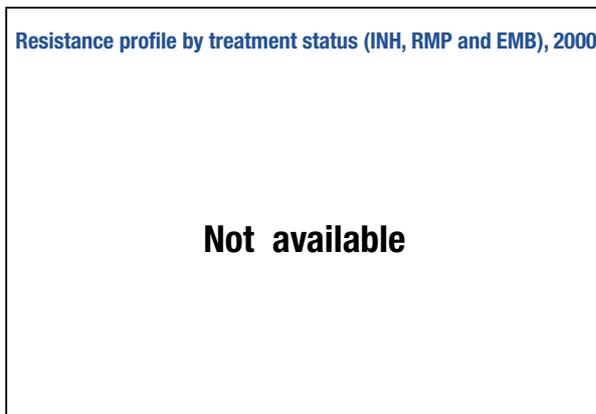
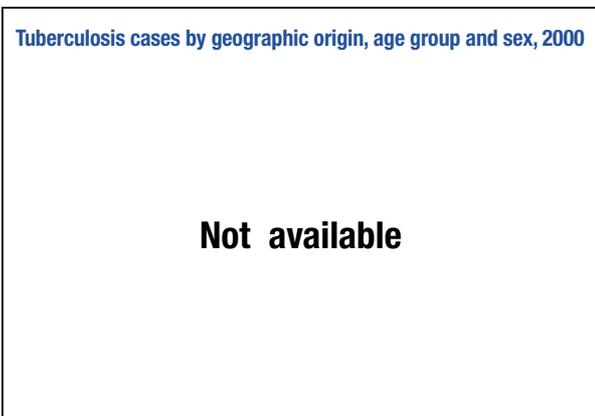
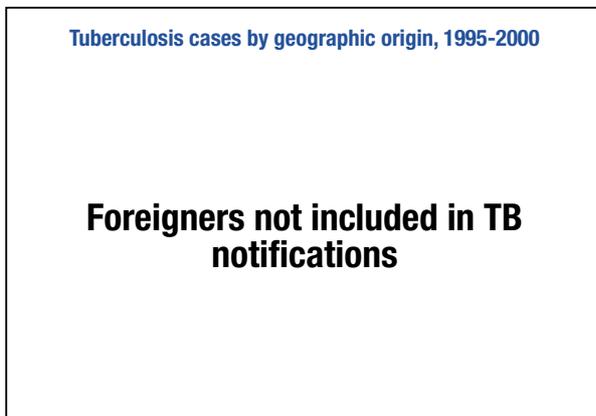
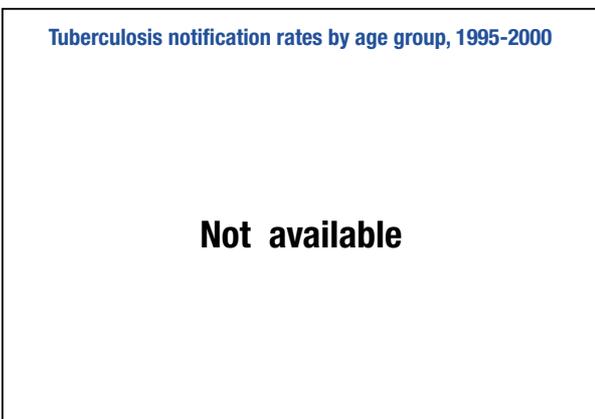
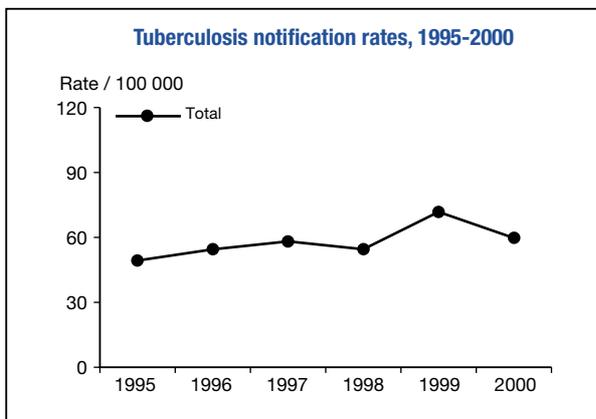
International proficiency testing	No
Geographic coverage	National
Linkage with notification	yes §
Cases with DST results	2 060 / 2 550 (81%)
Cases resistant to INH	– –
Cases resistant to RMP	– –
MDR cases	220 § (10.7%)
Cases resistant to EMB	– –
Cases resistant to SM	– –

Culture not routinely performed

§ New cases notified to MoH (prisons not included)

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	1 313
Notification rate per 100 000	12.8
Sex ratio (M:F)	2.0
Median age-group, nationals	55-64 years
Median age-group, non-nationals	25-34 years
Foreign citizens	508 (38.7%)
New (never treated)	1 009 (76.8%)
Culture positive	969 (73.8%)
Pulmonary	964 (73.4%)
of which sputum smear positive	464 (48.1%)

* except for DRS

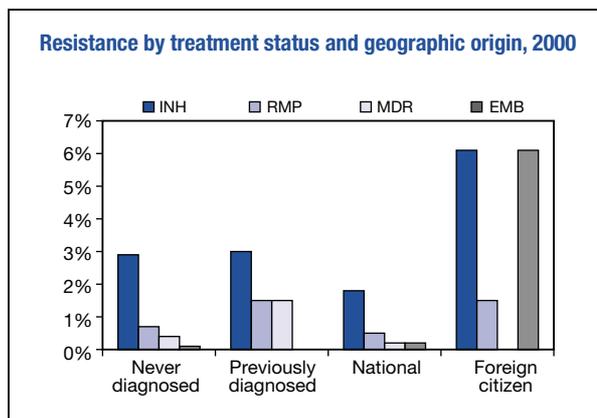
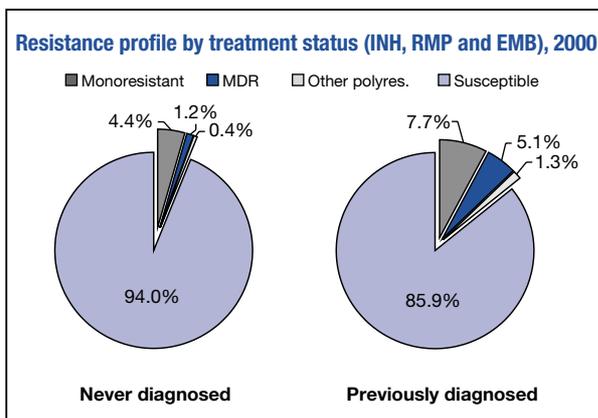
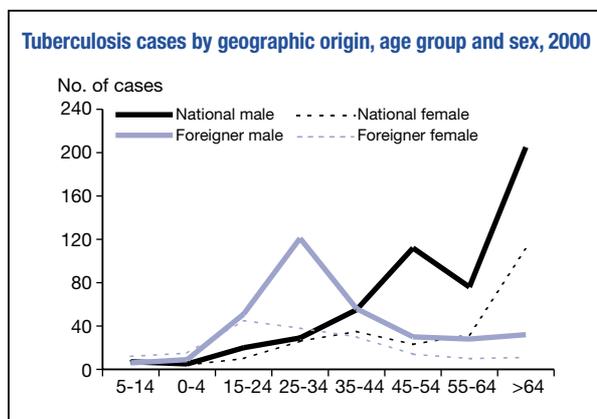
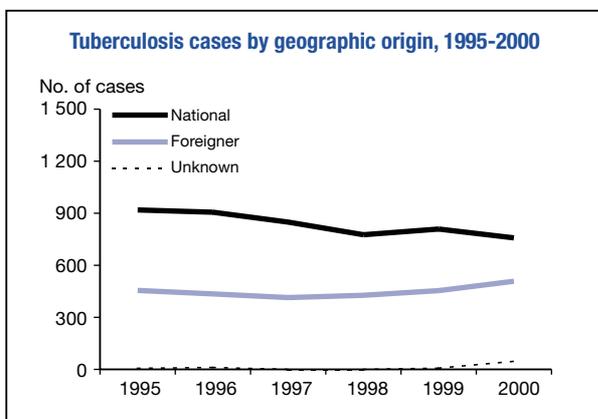
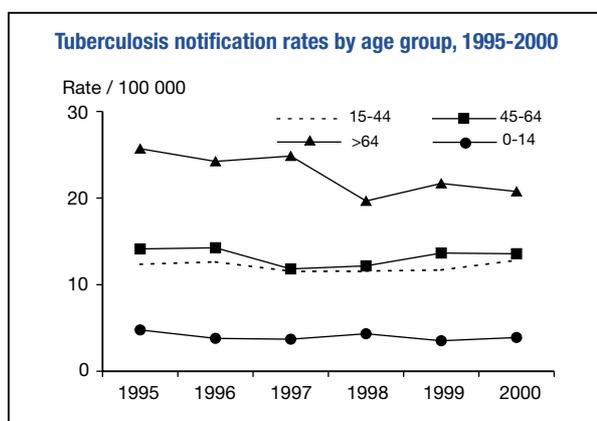
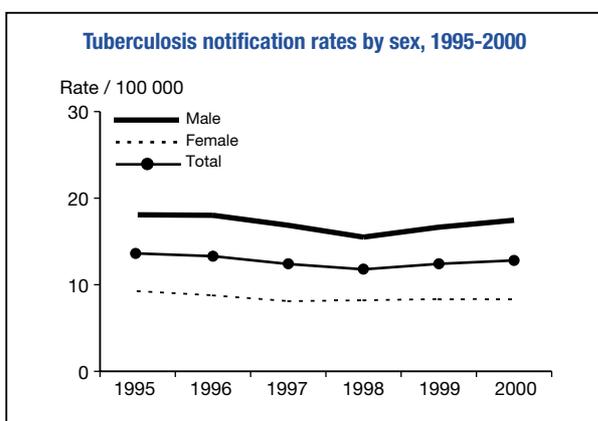
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	730 / 969 (75.3%)
Cases resistant to INH	47 (6.4%)
Cases resistant to RMP	14 (1.9%)
MDR cases	11 (1.5%)
Cases resistant to EMB	12 (1.6%)
Cases resistant to SM	- -

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	558 §
Success	322 (58%)
Death	80 (14%)
Failure	0 (0%)
Default	9 (2%)
Transfer	9 (2%)
Other / unknown	138 (25%)

§ some patient records lost, excluded



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	2 606
Notification rate per 100 000	65.5
Sex ratio (M:F)	1.4
Median age-group, nationals	35-44 years
Median age-group, non-nationals	25-34 years
Foreign born / citizens	12 (0.5%)
New (never treated)	2 291 (87.9%)
Culture positive	1 554 (59.6%)
Pulmonary	2 337 (89.7%)
of which sputum smear positive	881 (37.7%)

Drug Resistance Surveillance, 2000

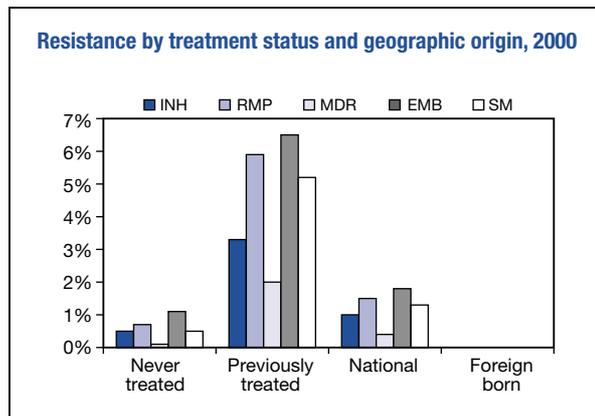
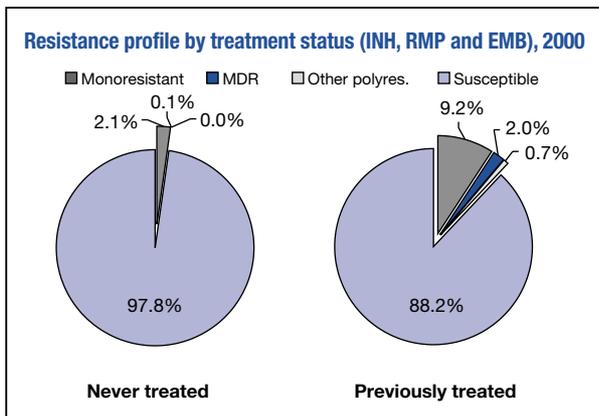
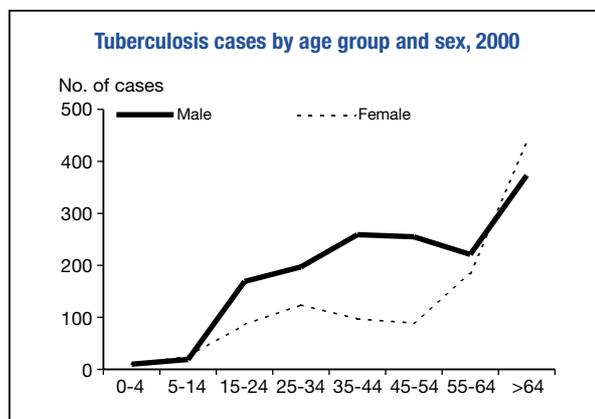
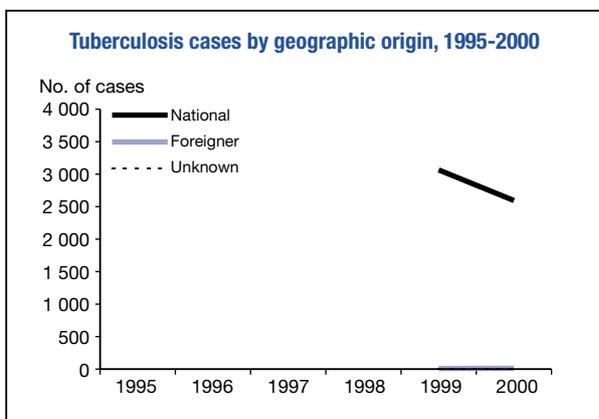
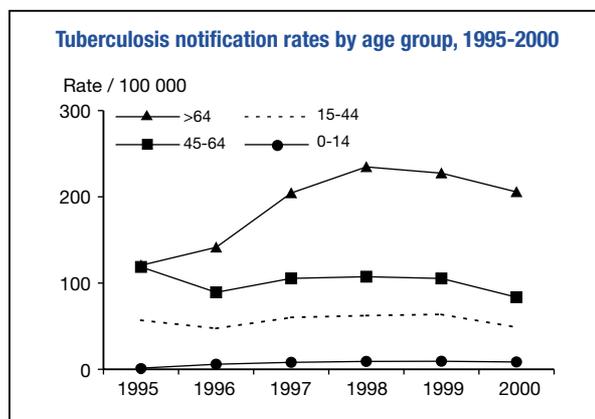
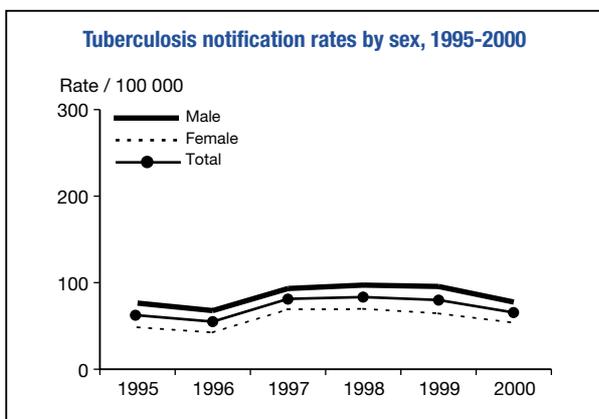
International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes *
Cases with DST results	1 153 / 1 554 § (74%)
Cases resistant to INH	11 (1.0%)
Cases resistant to RMP	17 (1.5%)
MDR cases	5 (0.4%)
Cases resistant to EMB	21 (1.8%)
Cases resistant to SM	15 (1.3%)

* Not in Rep. Srpska (cases diagnosed in 3 labs)

§ incomplete data for Rep. Srpska (119 / 520)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	1 269
Success	1 176 (93%)
Death	11 (1%)
Failure	5 (0%)
Default	32 (3%)
Transfer	8 (1%)
Other / unknown	37 (3%)



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	3 349
Notification rate per 100 000	42.1
Sex ratio (M:F)	2.1
Median age-group, nationals	45-54 years
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	2 966 (88.6%)
Culture positive	1 408 (42.0%)
Respiratory	2 907 (86.8%)
of which sputum smear positive	2 907 (100.0%)

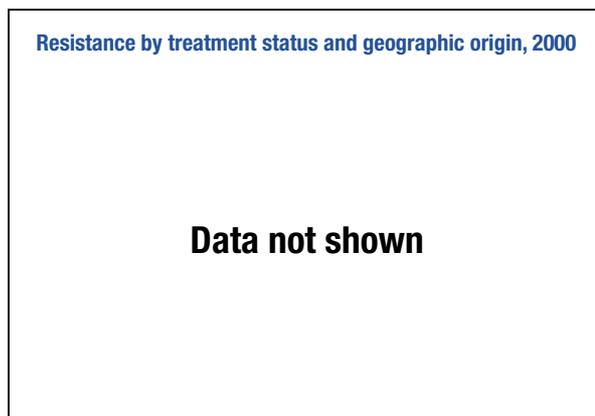
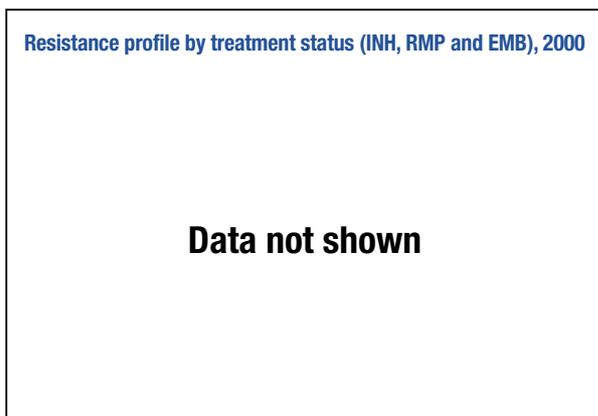
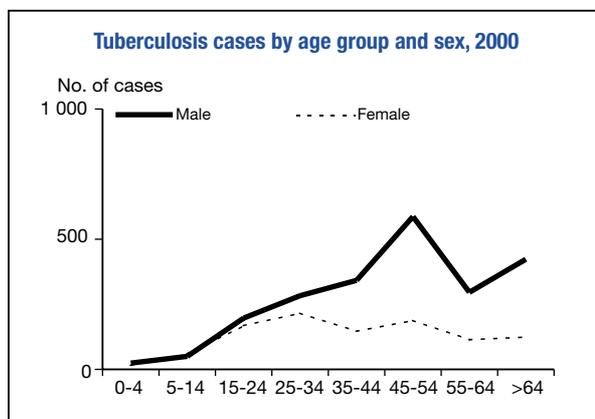
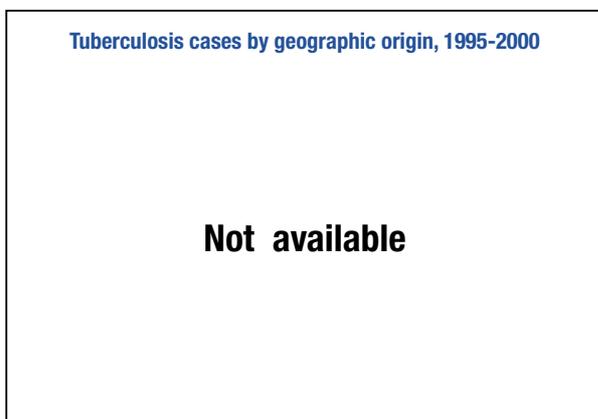
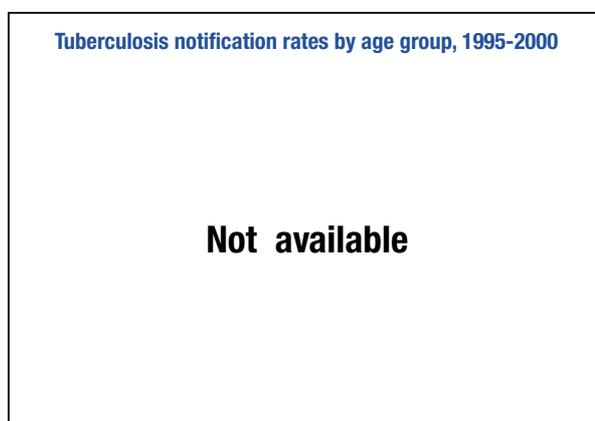
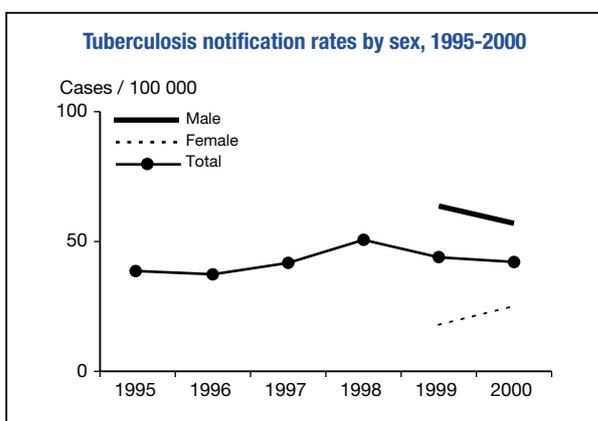
Drug Resistance Surveillance, 2000

International proficiency testing	No
Geographic coverage	National
Linkage with notification	No
Cases with DST results	369
Cases resistant to INH	-
Cases resistant to RMP	-
MDR cases	-
Cases resistant to EMB	-
Cases resistant to SM	-

DST performed at start or during treatment in case of poor clinical response; data not shown

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	1 630
Notification rate per 100 000	35.0
Sex ratio (M:F)	1.6
Median age-group, nationals	45-54 years
Median age-group, non-nationals	55-64 years
Individuals born abroad*	185 (11.3%)
New (never treated)	1 489 (91.3%)
Culture positive	883 (54.2%)
Pulmonary	1 475 (90.5%)
of which sputum smear positive	504 (34.2%)

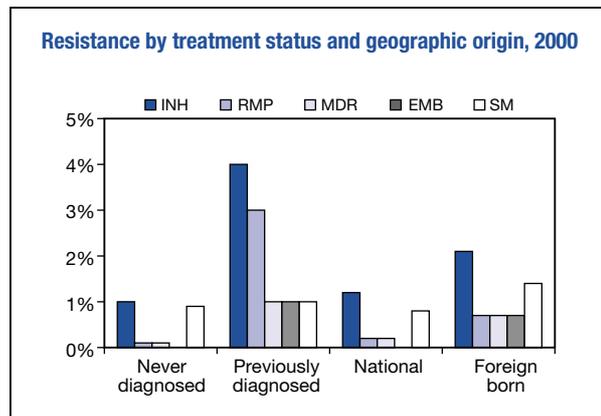
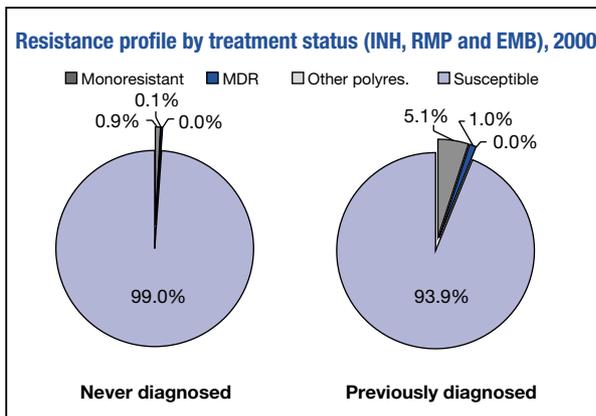
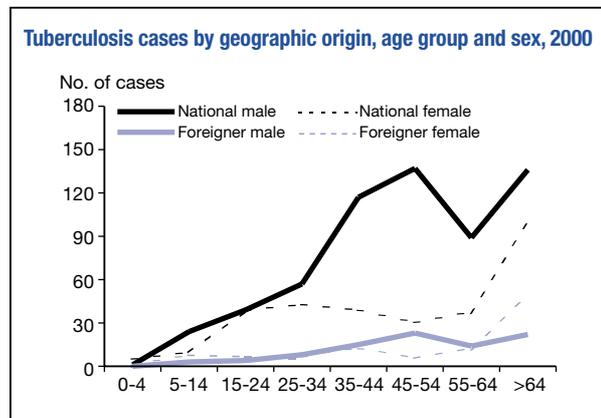
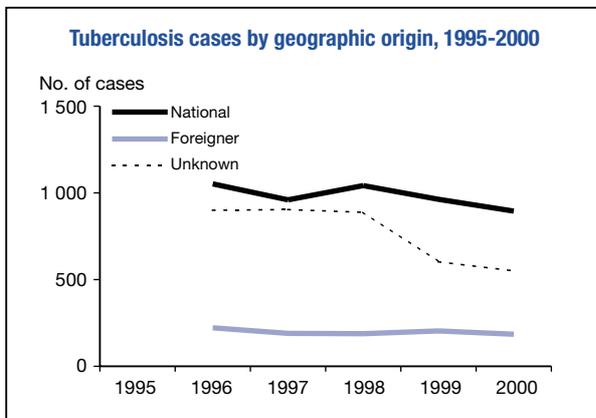
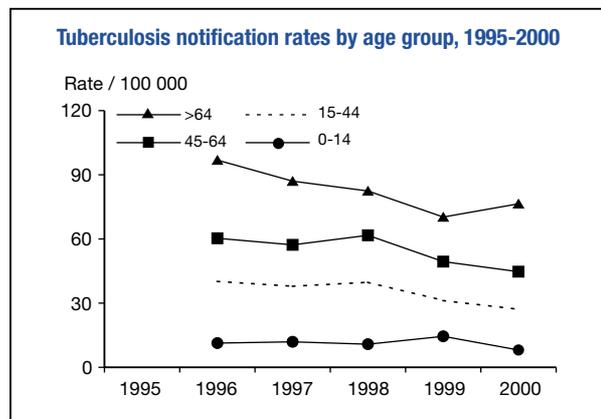
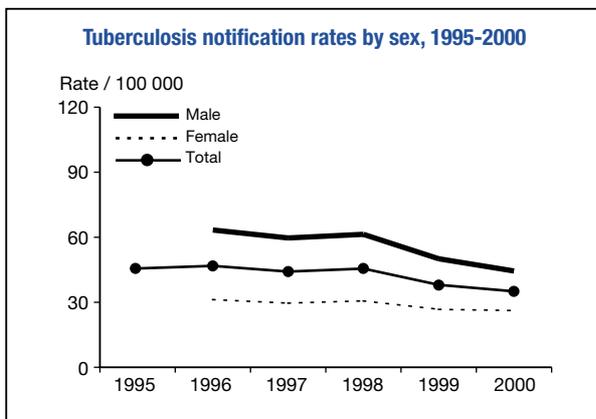
* 34% of cases origin unknown

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	879 / 883 (99.5%)
Cases resistant to INH	12 (1.4%)
Cases resistant to RMP	4 (0.5%)
MDR cases	2 (0.2%)
Cases resistant to EMB	1 (0.1%)
Cases resistant to SM	8 (0.9%)

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

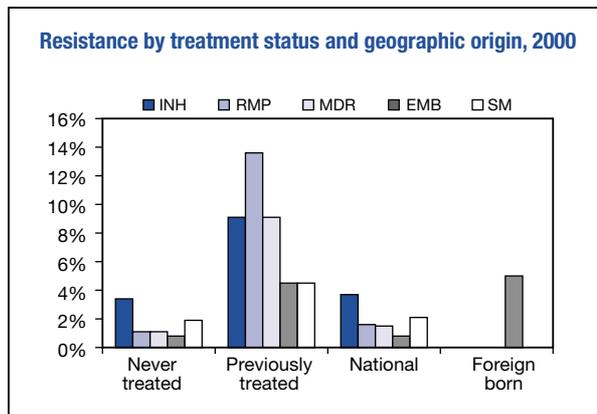
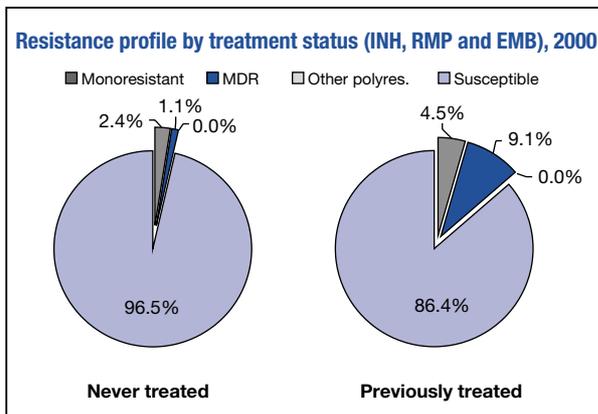
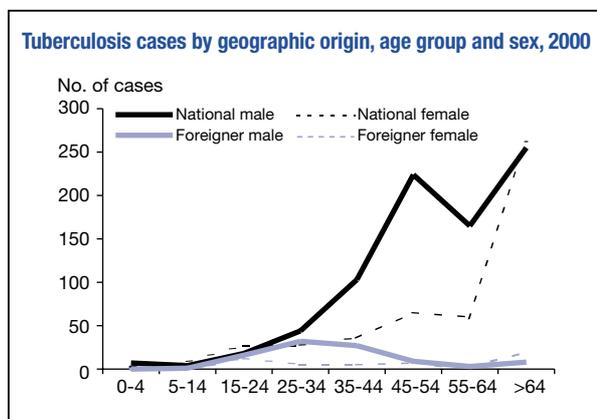
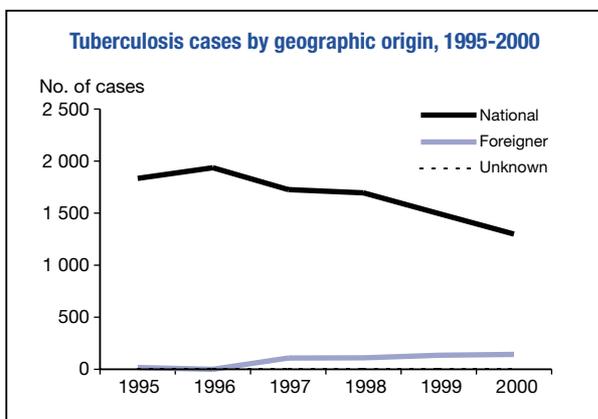
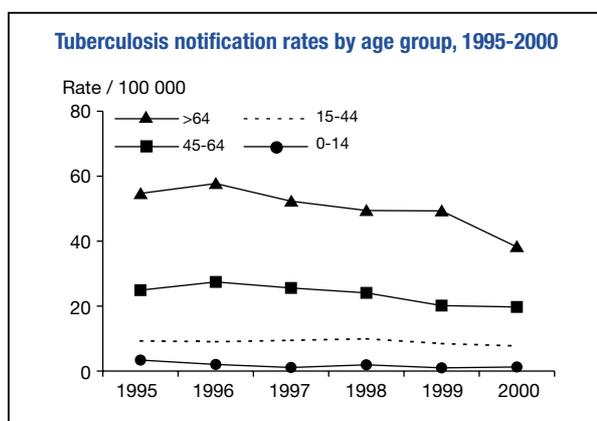
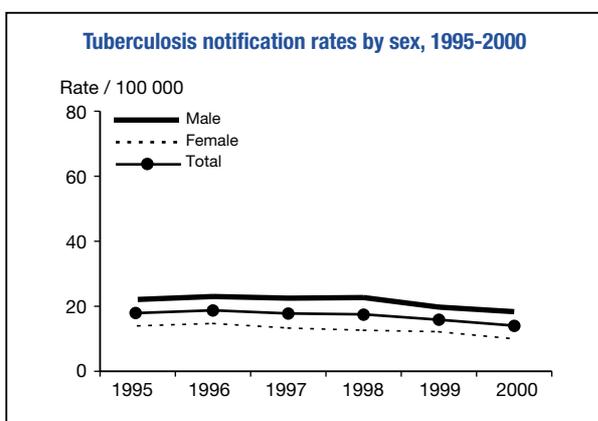
Type of data provided	Individual
Total number of cases	1 442
Notification rate per 100 000	14.0
Sex ratio (M:F)	1.7
Median age-group, nationals	55-64 years
Median age-group, non-nationals	35-44 years
Individuals born abroad	143 (9.9%)
New (never treated)	1 389 (96.3%)
Culture positive	873 (60.5%)
Respiratory	1 244 (86.3%)
of which sputum smear positive	442 (35.5%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	640 / 873 (73%)
Cases resistant to INH	23 (3.6%)
Cases resistant to RMP	10 (1.6%)
MDR cases	9 (1.4%)
Cases resistant to EMB	6 (0.9%)
Cases resistant to SM	13 (2.0%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	606
Success	438 (72%)
Death	123 (20%)
Failure	3 (0%)
Default	9 (1%)
Transfer	12 (2%)
Other / unknown	21 (3%)



Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	548
Notification rate per 100 000	10.3
Sex ratio (M:F)	1.4
Median age-group, nationals	45-54 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	350 (63.9%)
New (never treated)	509 (92.9%)
Culture positive	430 (78.5%)
Pulmonary	397 (72.4%)
of which sputum smear positive	152 (38.3%)

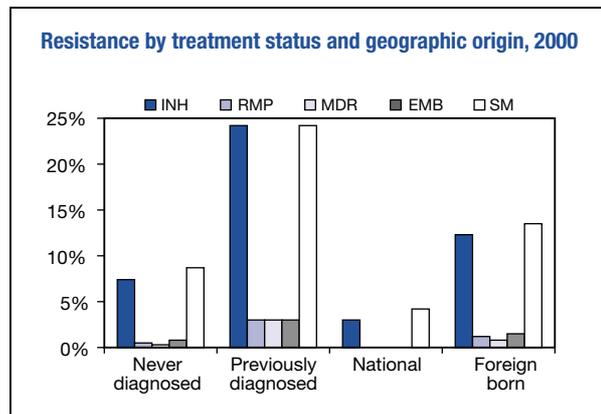
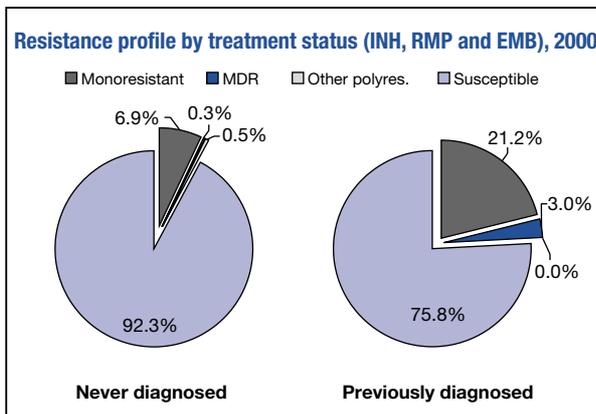
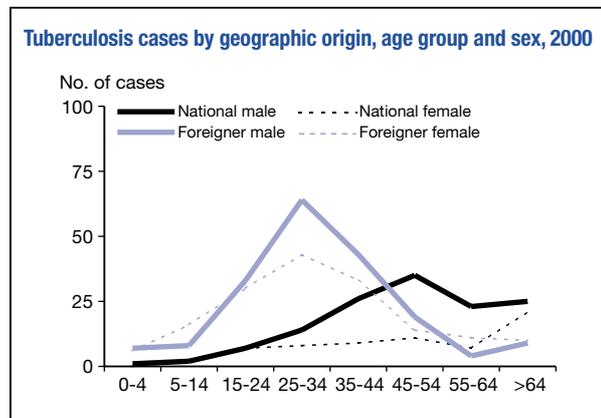
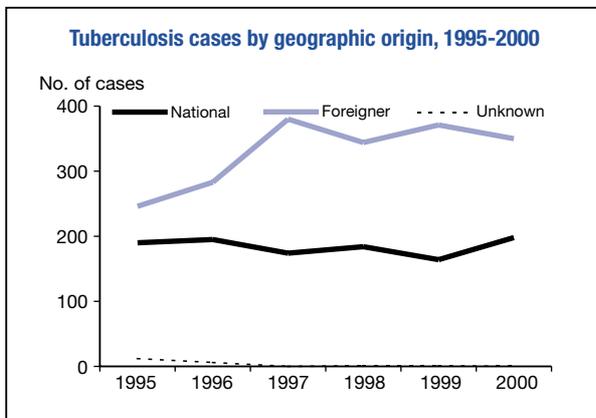
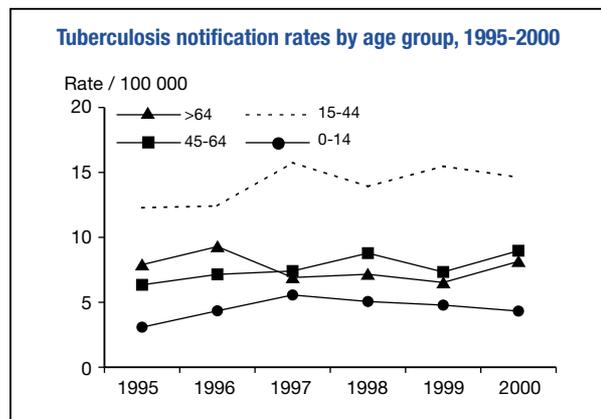
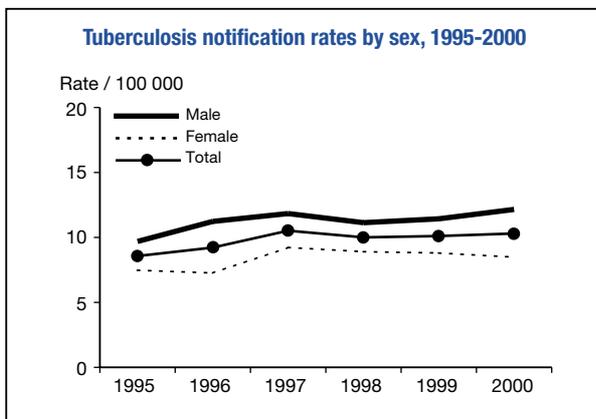
* except DST results

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	425 / 430 (99%)
Cases resistant to INH	37 (8.7%)
Cases resistant to RMP	3 (0.7%)
MDR cases	2 (0.5%)
Cases resistant to EMB	4 (0.9%)
Cases resistant to SM	42 (9.9%)

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

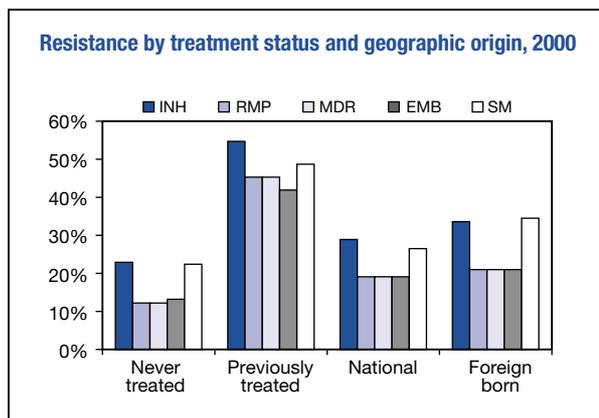
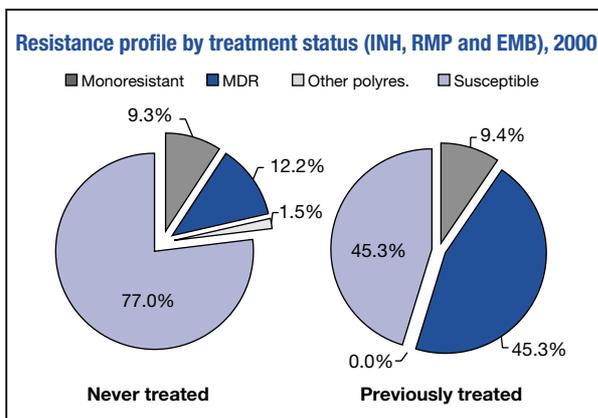
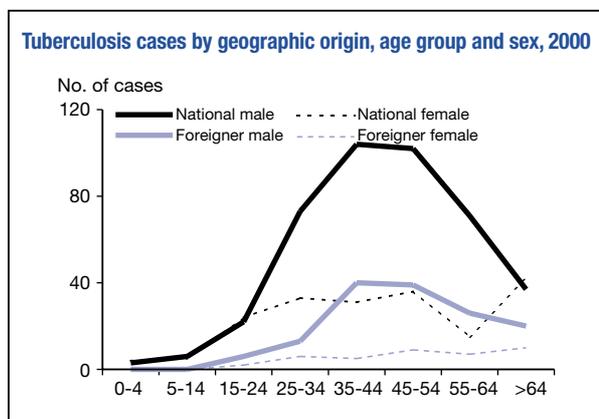
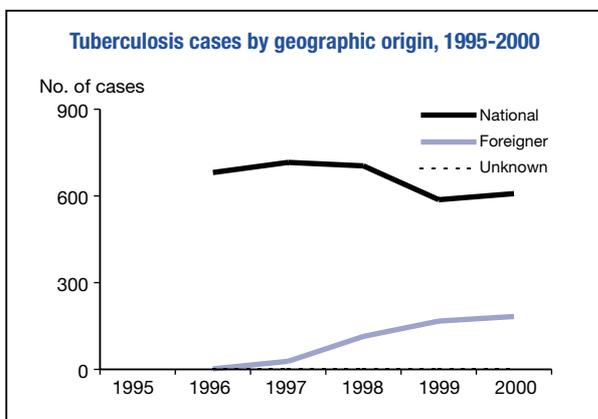
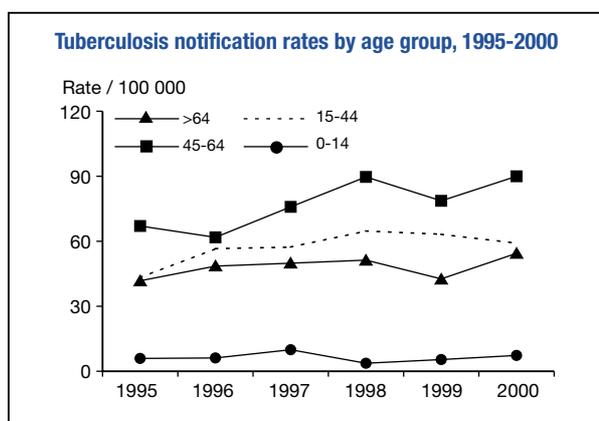
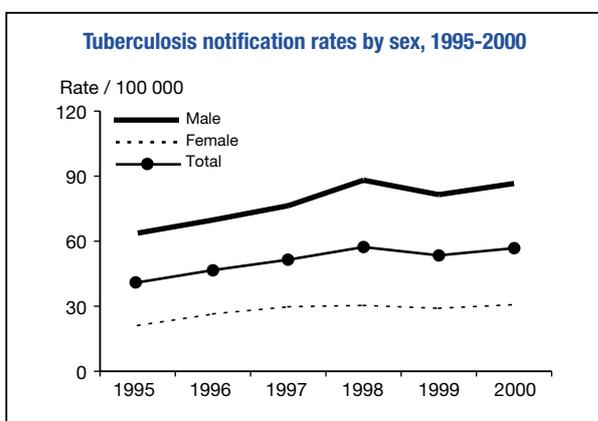
Type of data provided	Individual
Total number of cases	791
Notification rate per 100 000	56.8
Sex ratio (M:F)	2.5
Median age-group, nationals	35-44 years
Median age-group, non-nationals	45-54 years
Individuals born abroad	183 (23.1%)
New (never treated)	642 (81.2%)
Culture positive	541 (68.4%)
Pulmonary	721 (91.2%)
of which sputum smear positive	316 (43.8%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	527 / 541 (97%)
Cases resistant to INH	158 (30.0%)
Cases resistant to RMP	103 (19.5%)
MDR cases	103 (19.5%)
Cases resistant to EMB	103 (19.5%)
Cases resistant to SM	149 (28.3%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	414
Success	296 (71%)
Death	54 (13%)
Failure	12 (3%)
Default	52 (13%)
Transfer	0 (0%)
Other / unknown	0 (0%)



Tuberculosis case notifications, 2000

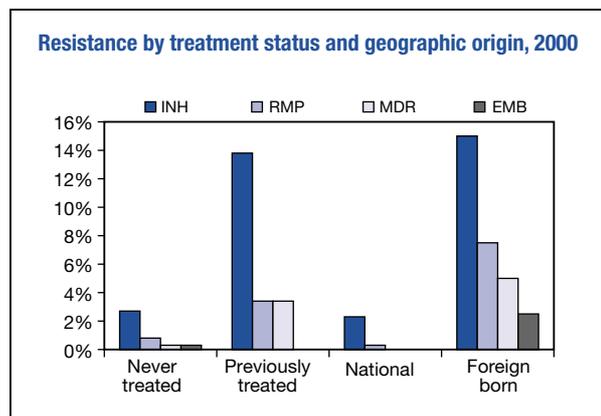
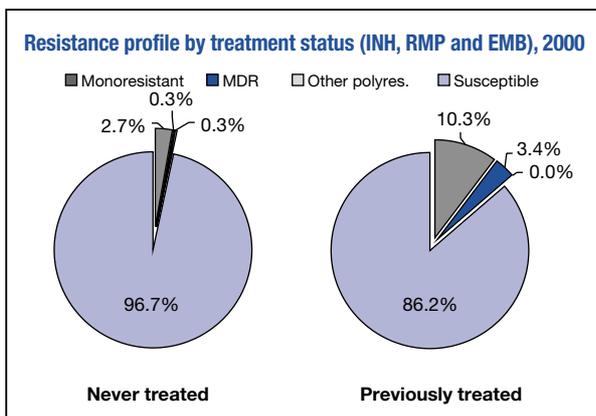
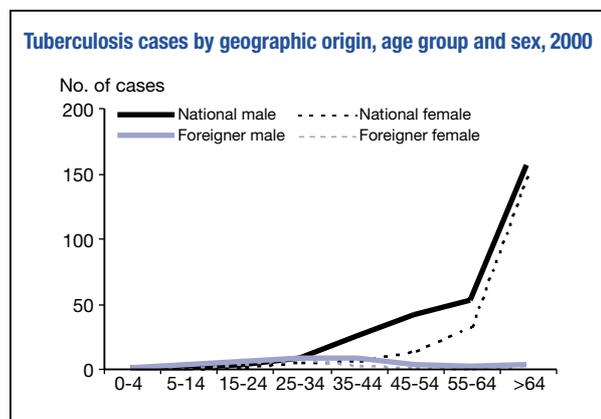
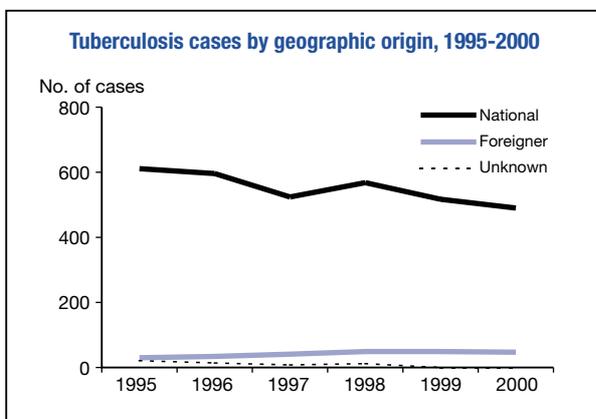
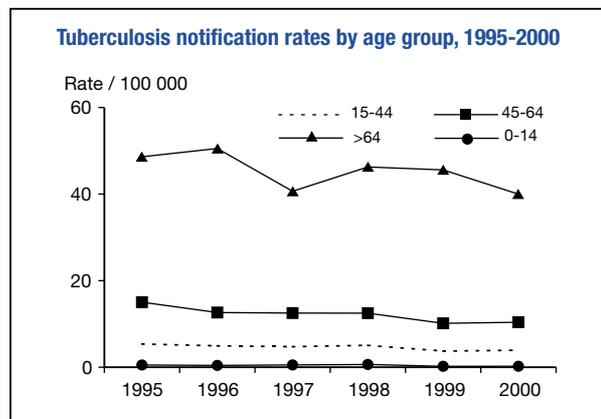
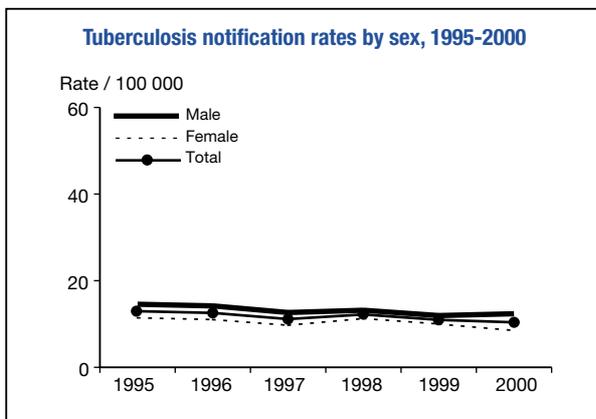
Type of data provided	Individual
Total number of cases	537
Notification rate per 100 000	10.4
Sex ratio (M:F)	1.4
Median age-group, nationals	65+ years
Median age-group, non-nationals	25-34 years
Individuals born abroad	47 (8.8%)
New (never treated)	461 (85.8%)
Culture positive	451 (84.0%)
Pulmonary	370 (68.9%)
of which sputum smear positive	227 (61.4%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	439 / 451 (97%)
Cases resistant to INH	15 (3.4%)
Cases resistant to RMP	4 (0.9%)
MDR cases	2 (0.5%)
Cases resistant to EMB	1 (0.2%)
Cases resistant to SM	- -

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	6 714
Notification rate per 100 000	11.0
Sex ratio (M:F)	1.6
Median age-group, nationals	45-54 years
Median age-group, non-nationals	35-44 years
Individuals born abroad §	2 193 (32.7%)
New (never treated)	4 354 (64.8%)
Culture positive **	1 857 (27.7%)
Pulmonary	4 838 (72.1%)
of which sputum smear positive	2 674 (55.3%)

* except DST results
 § 20% of cases with missing information
 ** culture done, result unknown in 34%

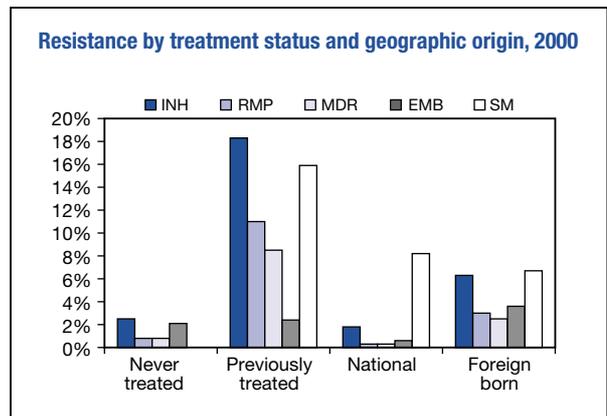
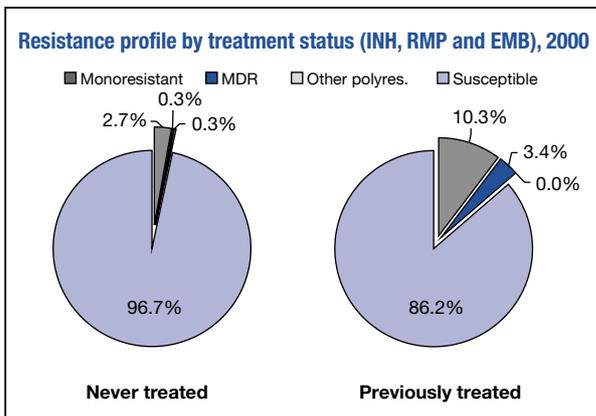
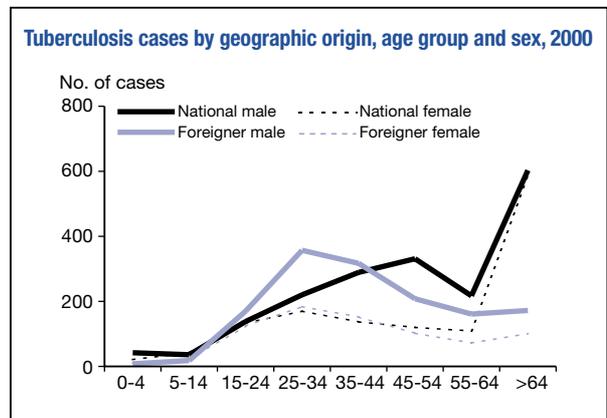
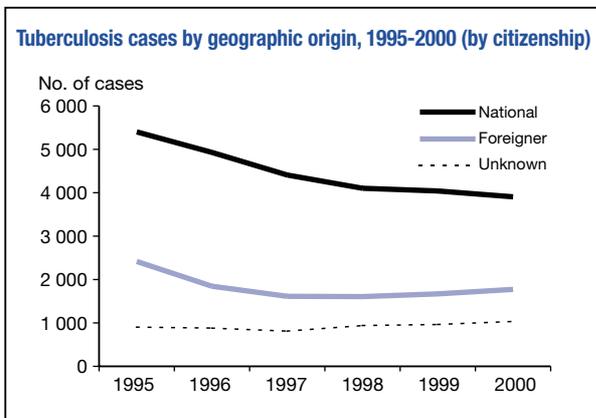
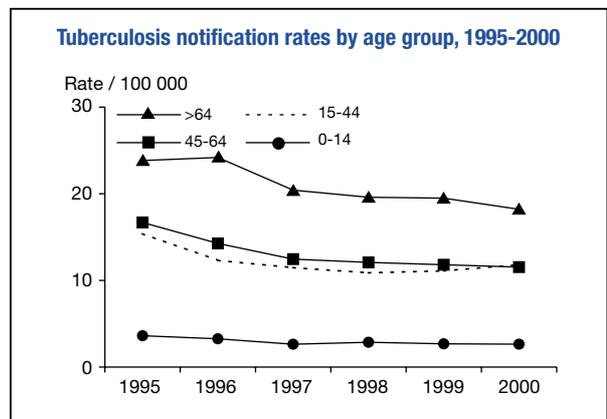
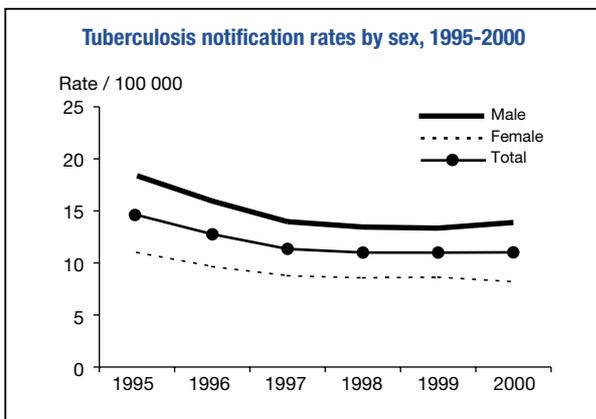
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	15 / 23 regions
Linkage with notification	No §
Cases with DST results	1 189 / 1 201 (99%)
Cases resistant to INH	45 (3.8%)
Cases resistant to RMP	18 (1.5%)
MDR cases	15 (1.3%)
Cases resistant to EMB	23 (1.9%)
Cases resistant to SM	88 (7.4%)

§ TB cases diagnosed in a sentinel network of 23 teaching hospital laboratories

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	6 436
Notification rate per 100 000	122.3
Sex ratio (M:F)	2.6
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	4 393 (68.3%)
Culture positive	- -
Pulmonary	4 963 (77.1%)
of which sputum smear positive	1 451 (29.2%)

Drug Resistance Surveillance, 2000

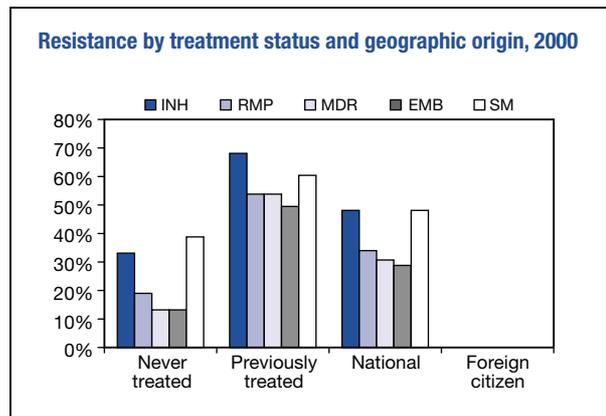
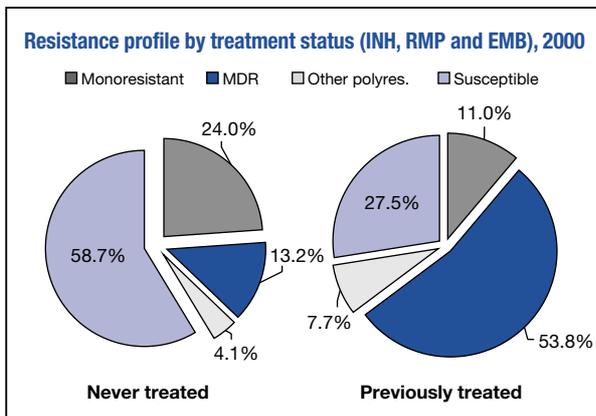
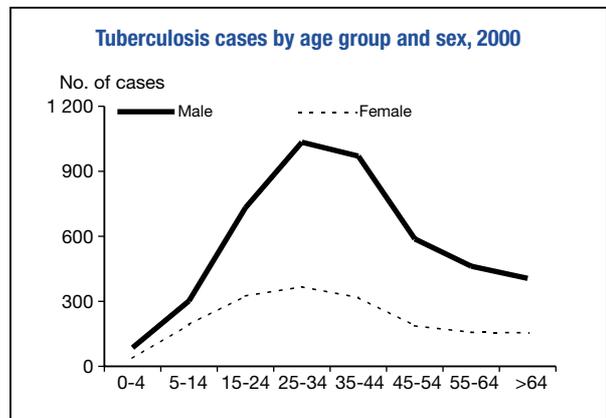
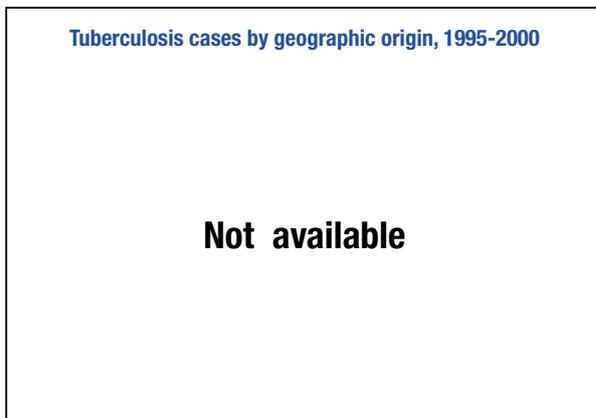
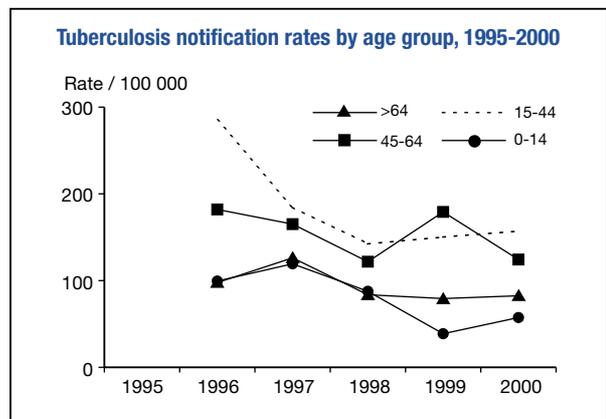
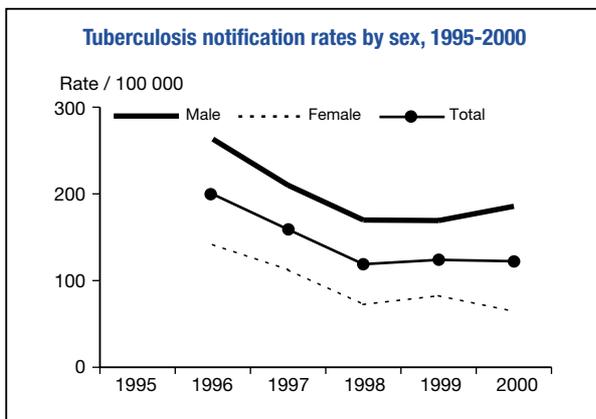
International proficiency testing	No
Geographic coverage	Tbilisi
Linkage with notification	No §
Cases with DST results	212 / 213 (99.5%)
Cases resistant to INH	102 (48.1%)
Cases resistant to RMP	72 (34.0%)
MDR cases	65 (30.7%)
Cases resistant to EMB	61 (28.8%)
Cases resistant to SM	102 (48.1%)

Culture and DST not routinely performed

§ Cases diagnosed at the NRL

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	746
Success	457 (61%)
Death	38 (5%)
Failure	41 (5%)
Default	161 (22%)
Transfer	14 (2%)
Other / unknown	35 (5%)



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	9 064
Notification rate per 100 000	11.1
Sex ratio (M:F)	1.6
Median age-group, nationals	55-64 years
Median age-group, non-nationals	-
Foreign citizens	3 047 (33.6%)
New (never treated)	- -
Culture positive*	3 427 (67.5%)
Respiratory	7 535 (83.1%)
of which sputum smear positive	2 665 (35.4%)

* 5 080 cases notified in two thirds of local health units

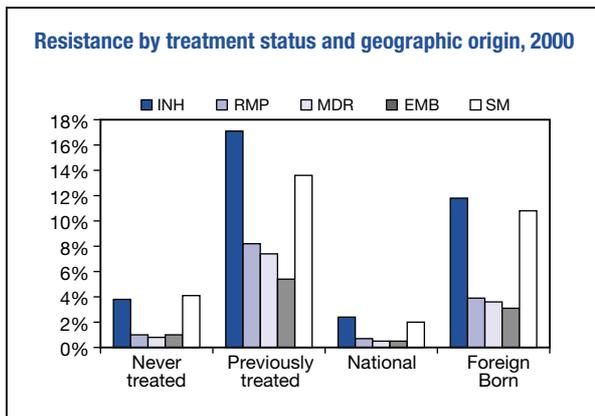
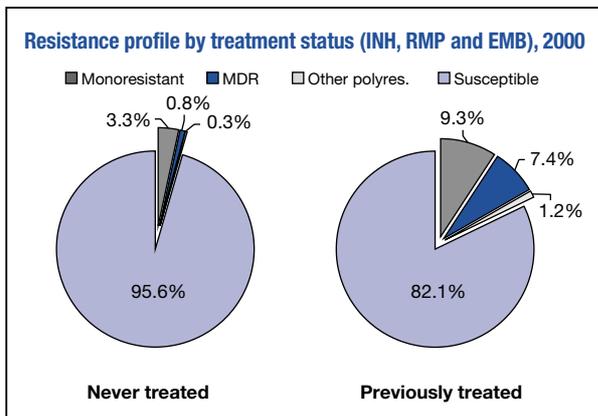
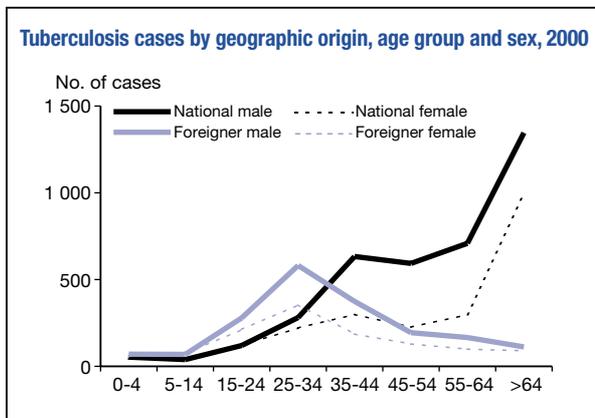
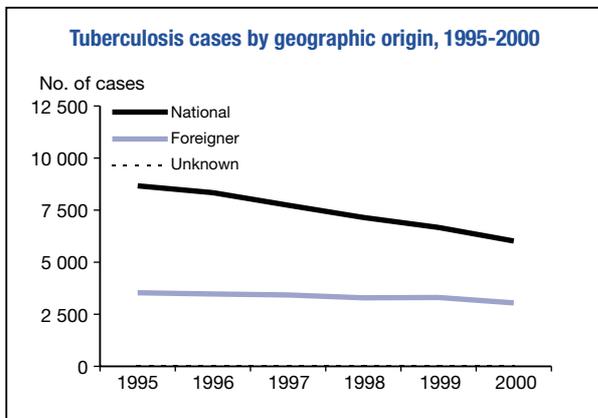
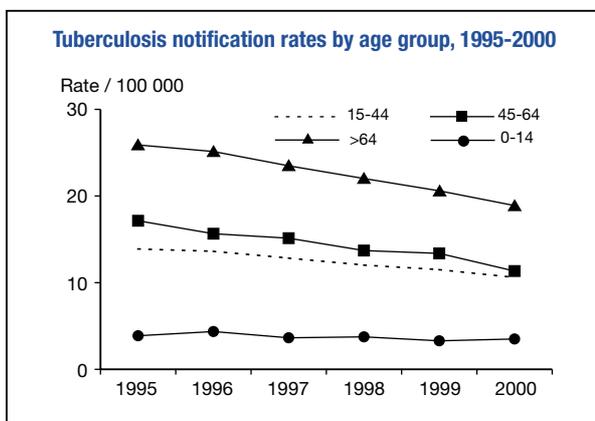
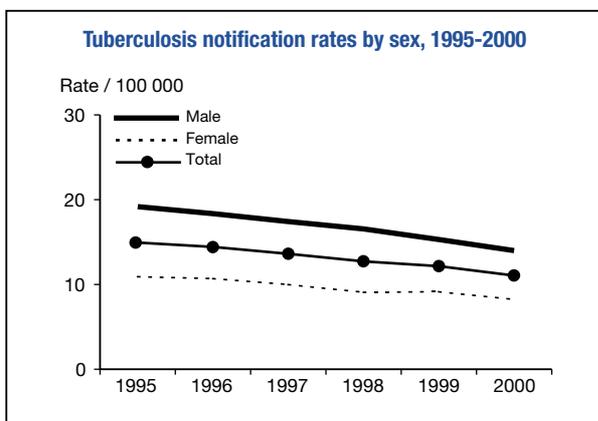
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage §	National
Linkage with notification	Yes §
Cases with DST results	2 780 / 3 427 (81%)
Cases resistant to INH	166 (6.0%)
Cases resistant to RMP	54 (1.9%)
MDR cases	47 (1.7%)
Cases resistant to EMB	43 (1.5%)
Cases resistant to SM	151 (5.4%)

§ Cases notified in two thirds of local health units

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	703
Notification rate per 100 000	6.6
Sex ratio (M:F)	2.0
Median age-group, nationals	65+ years
Median age-group, non-nationals	35-44 years
Foreign citizens	68 (9.7%)
New (never treated)	655 (93.2%)
Culture positive	287 (40.8%)
Pulmonary	622 (88.5%)
of which sputum smear positive	283 (45.5%)

Drug Resistance Surveillance, 2000

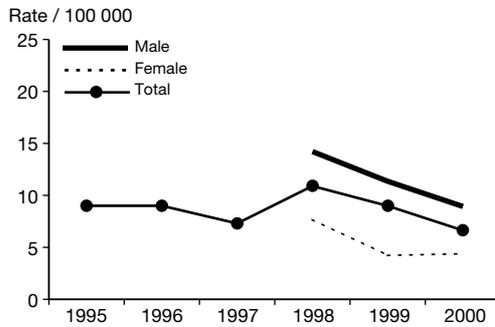
International proficiency testing	No
Geographic coverage	Some areas
Linkage with notification	No §
Cases with DST results	861
Cases resistant to INH	-
Cases resistant to RMP	-
MDR cases	-
Cases resistant to EMB	-
Cases resistant to SM	-

§ Data from 3 labs; DST results at start or during treatment done for selected cases; not shown

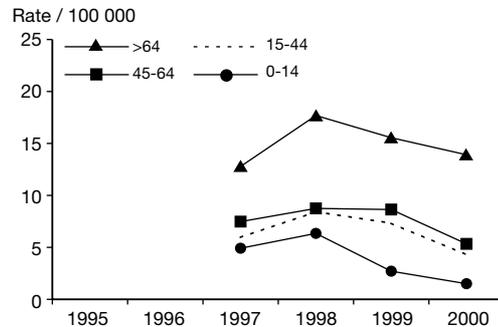
Treatment Outcome Monitoring, 1999

Not available

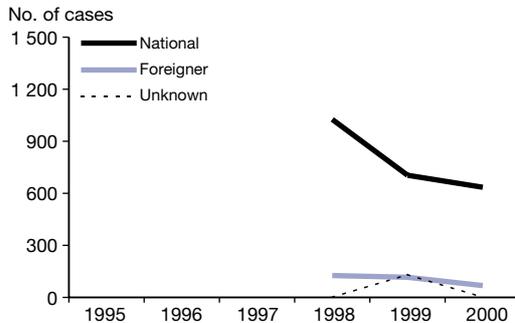
Tuberculosis notification rates by sex, 1995-2000*



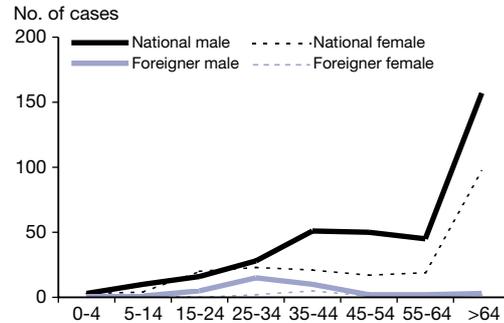
Tuberculosis notification rates by age group, 1995-2000*



Tuberculosis cases by geographic origin, 1995-2000*



Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000

Data not shown

Resistance by treatment status and geographic origin, 2000

Data not shown

* TB case definition changed in 1998

Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	3 598
Notification rate per 100 000	36.1
Sex ratio (M:F)	2.3
Median age-group, nationals	45-54 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	56 (1.6%)
New (never treated)	2 994 (83.2%)
Culture positive	912 (25.3%)
Pulmonary	3 354 (93.2%)
of which sputum smear positive	501 (14.9%)

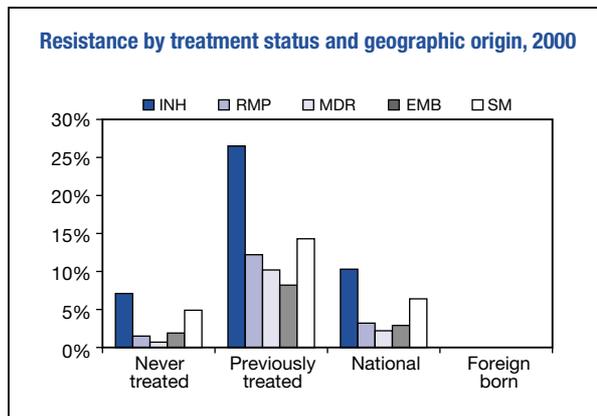
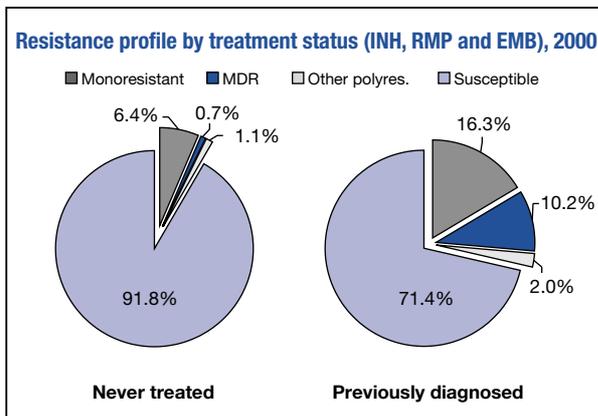
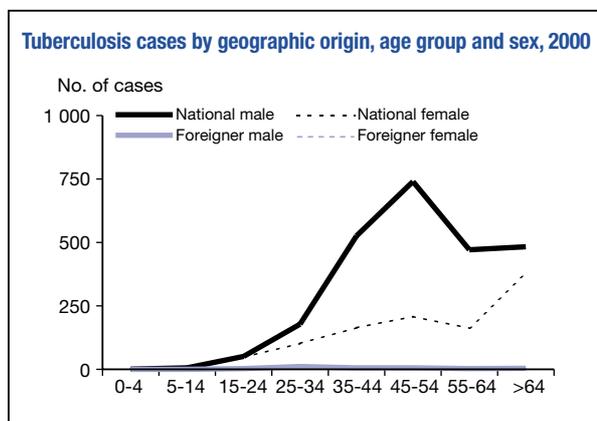
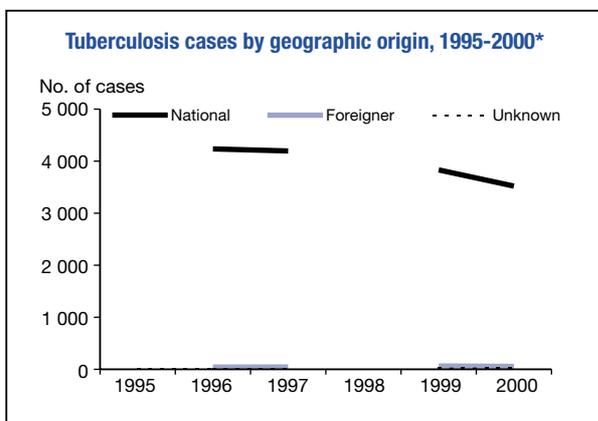
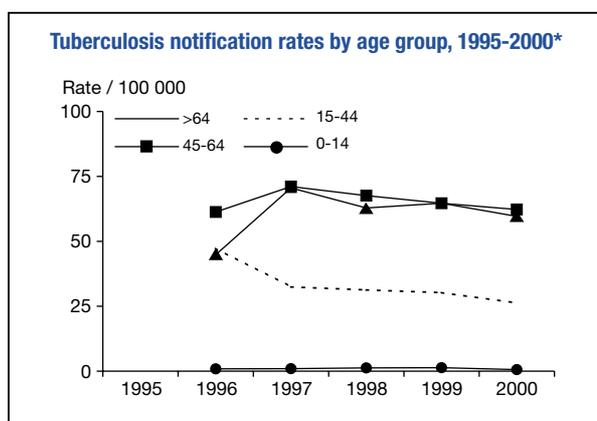
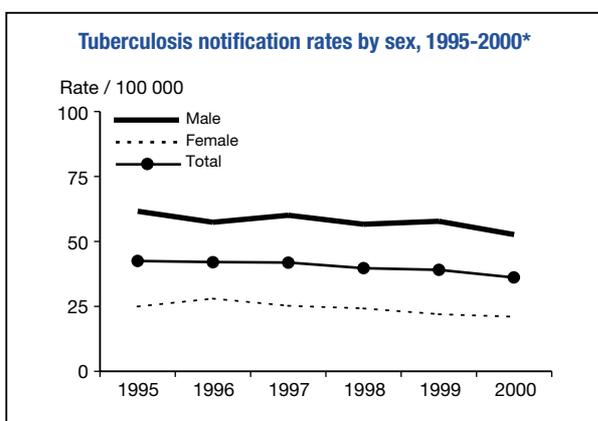
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	316 / 912 (35%)
Cases resistant to INH	32 (10.1%)
Cases resistant to RMP	10 (3.2%)
MDR cases	7 (2.2%)
Cases resistant to EMB	9 (2.8%)
Cases resistant to SM	20 (6.3%)

Culture and DST not routinely performed

Treatment Outcome Monitoring, 1999

Not available



* TB case definitions changed in 1997

Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	13
Notification rate per 100 000	4.7
Sex ratio (M:F)	0.4
Median age-group, nationals	65+ years
Median age-group, non-nationals	25-34 years
Individuals born abroad	5 (38.5%)
New (never treated)	12 (92.3%)
Culture positive	9 (69.2%)
Pulmonary	9 (69.2%)
of which sputum smear positive	3 (33.3%)

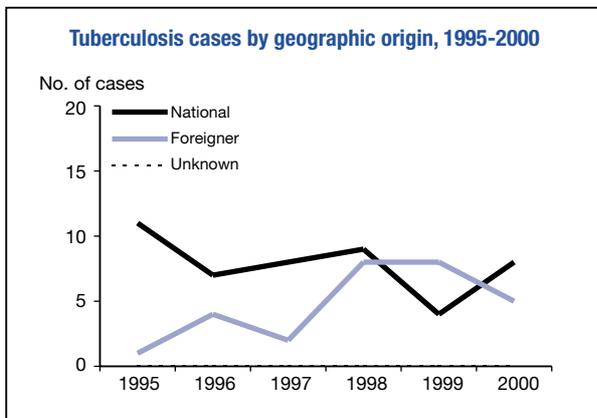
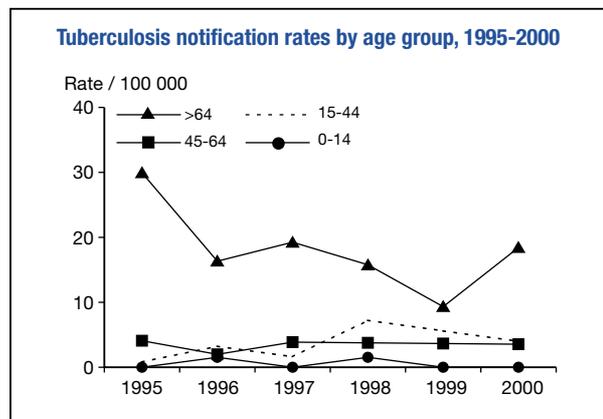
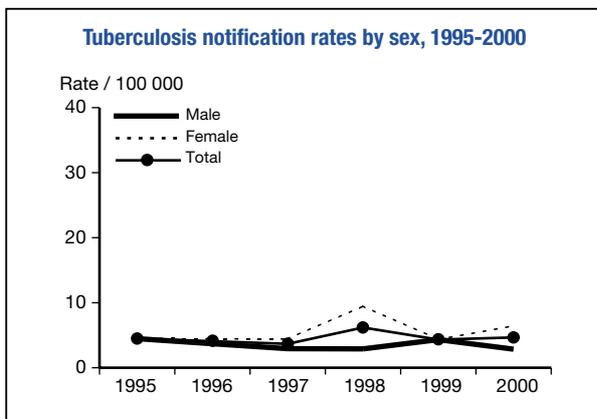
Drug Resistance Surveillance, 2000

International proficiency testing	Yes §
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	9 / 9 (100%)
Cases resistant to INH	0 (0%)
Cases resistant to RMP	0 (0%)
MDR cases	0 (0%)
Cases resistant to EMB	0 (0%)
Cases resistant to SM	0 (0%)

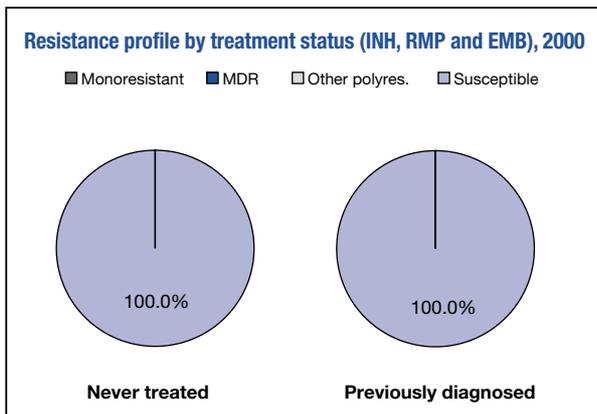
§ DST performed in Denmark

Treatment Outcome Monitoring, 1999

Geographic coverage	national
Cohort	new pulmonary culture positive
Included in TOM cohort	6
Success	6 (100%)
Death	0 (0%)
Failure	0 (0%)
Default	0 (0%)
Transfer	0 (0%)
Other / unknown	0 (0%)



Insufficient number of cases for graphic presentation



No resistance reported

Tuberculosis case notifications*, 2000

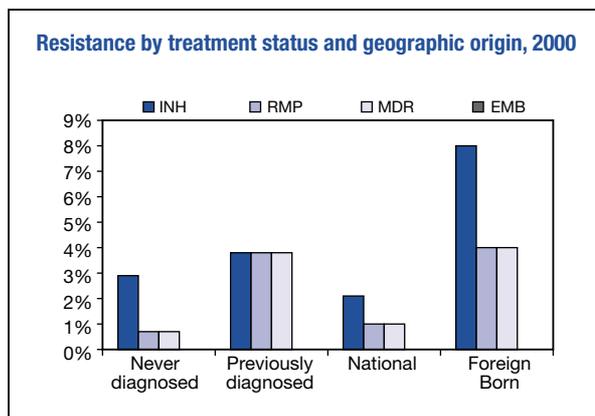
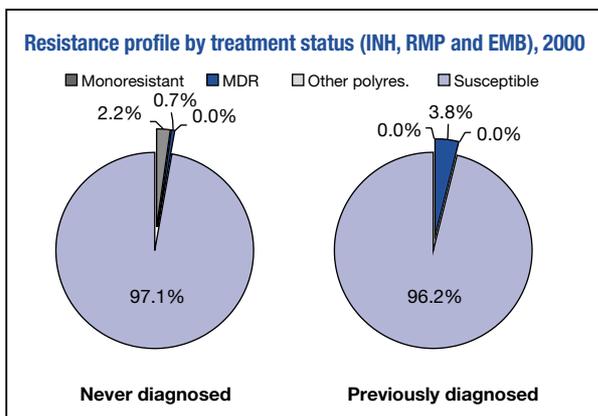
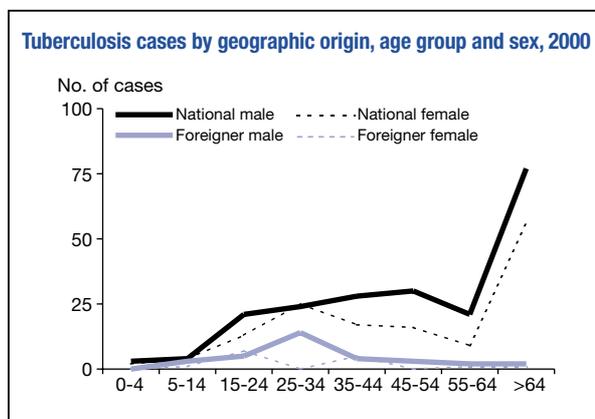
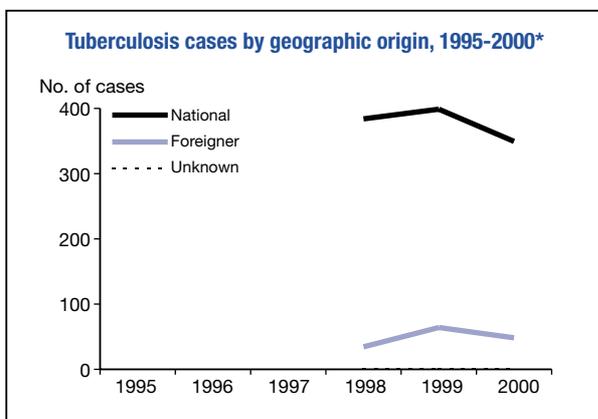
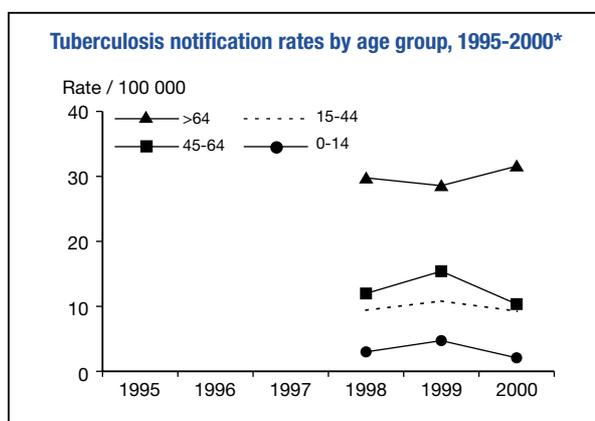
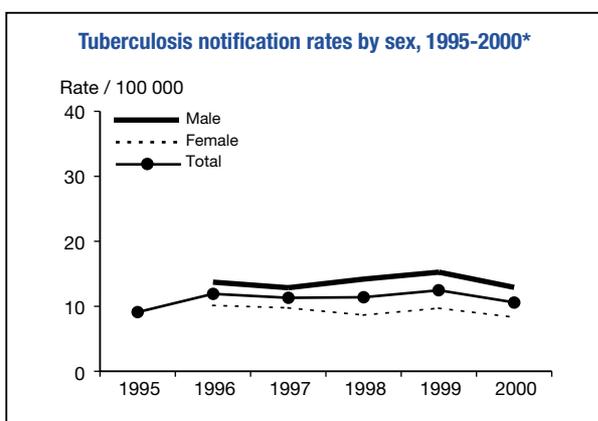
Type of data provided	Individual
Total number of cases	403
Notification rate per 100 000	10.6
Sex ratio (M:F)	1.5
Median age-group, nationals	45-54 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	49 (12.2%)
New (never treated)	275 (68.2%)
Culture positive	229 (56.8%)
Pulmonary	289 (71.7%)
of which sputum smear positive	142 (49.1%)

Drug Resistance Surveillance, 2000

International proficiency testing	No
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	216 / 229 (94%)
Cases resistant to INH	6 (2.8%)
Cases resistant to RMP	3 (1.4%)
MDR cases	3 (1.4%)
Cases resistant to EMB	0 (0%)
Cases resistant to SM	- -

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	126
Success	60 (48%)
Death	9 (7%)
Failure	0 (0%)
Default	1 (1%)
Transfer	0 (0%)
Other / unknown	56 (44%)



* Notification system reorganised in 1998

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	591
Notification rate per 100 000	9.8
Sex ratio (M:F)	1.5
Median age-group, nationals	25-34 years
Median age-group, non-nationals	35-44 years
Individuals born abroad	500 (84.6%)
New (never treated)	88 (14.9%)
Culture positive	276 (46.7%)
Pulmonary	478 (80.9%)
of which sputum smear positive	222 (46.4%)

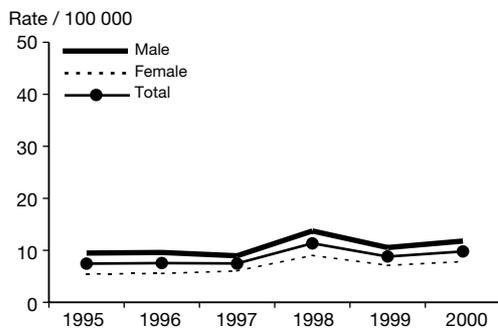
Drug Resistance Surveillance, 2000

International proficiency testing	Yes	2000
Geographic coverage	National	
Linkage with notification	Yes	
Cases with DST results	279 / 312	(89%)
Cases resistant to INH	74	(26.3%)
Cases resistant to RMP	42	(14.9%)
MDR cases	41	(14.6%)
Cases resistant to EMB	28	(10.0%)
Cases resistant to SM	63	(22.4%)

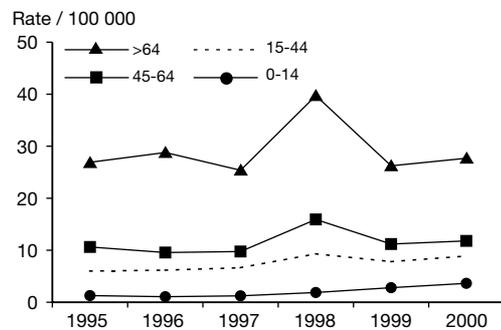
Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	289
Success	237 (82%)
Death	30 (10%)
Failure	6 (2%)
Default	8 (3%)
Transfer	5 (2%)
Other / unknown	3 (1%)

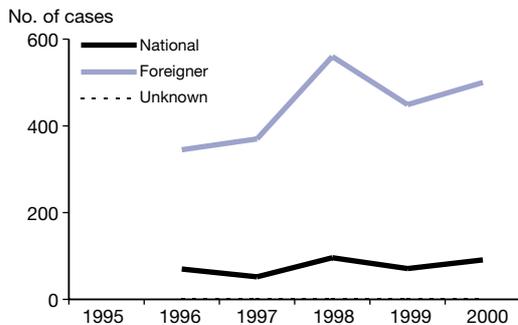
Tuberculosis notification rates by sex, 1995-2000*



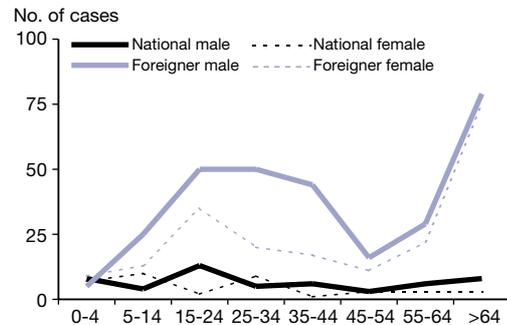
Tuberculosis notification rates by age group, 1995-2000*



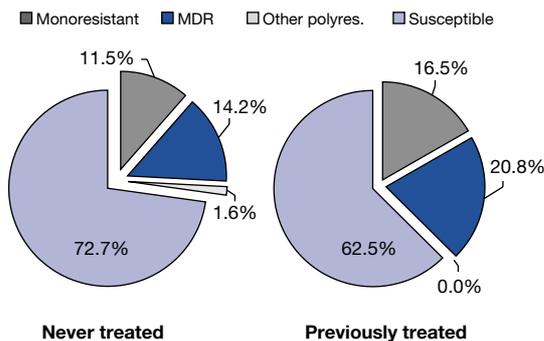
Tuberculosis cases by geographic origin, 1995-2000*



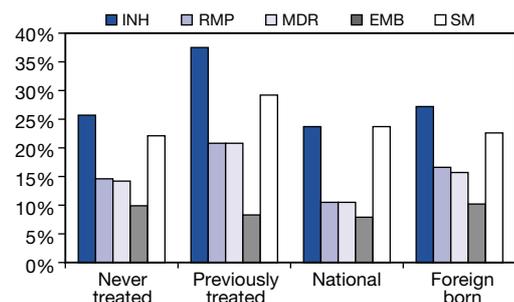
Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



* TB notification system reorganised in 1998

Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	4 759
Notification rate per 100 000	8.3
Sex ratio (M:F)	1.6
Median age-group, nationals	55-64 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	1 201 (25.2%)
New (never treated)	3 137 (65.9%)
Culture positive**	1 778 (37.4%)
Pulmonary	3 604 (75.7%)
of which sputum smear positive	1 351 (37.5%)

* except for DRS

** culture done, result unknown in 34% of cases

Drug Resistance Surveillance, 2000

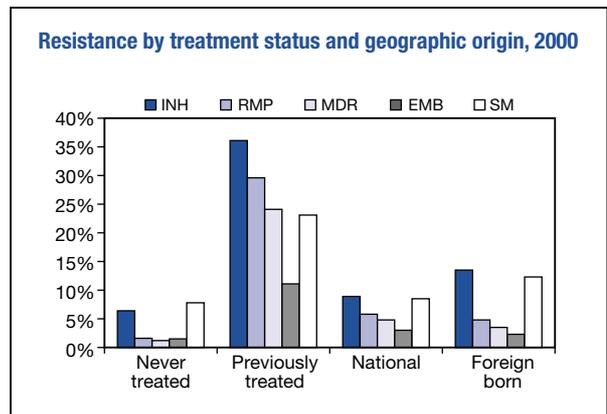
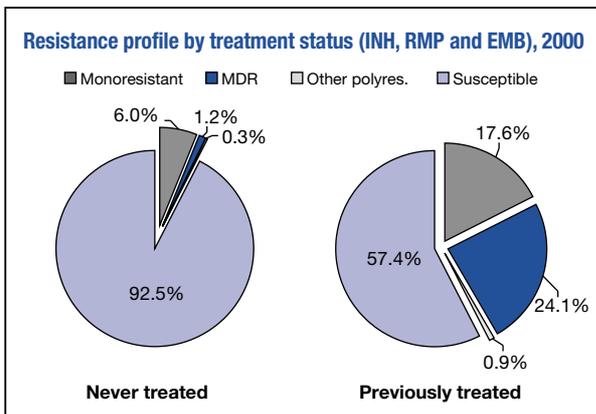
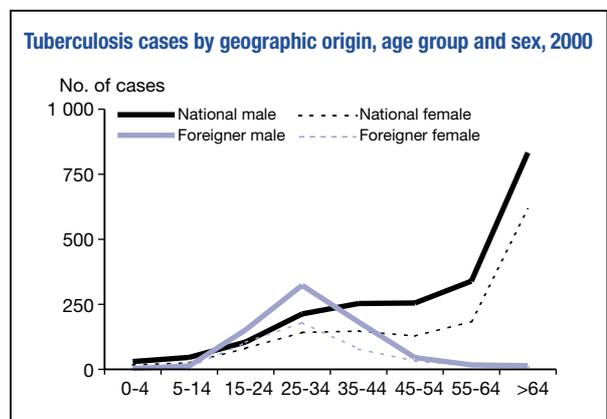
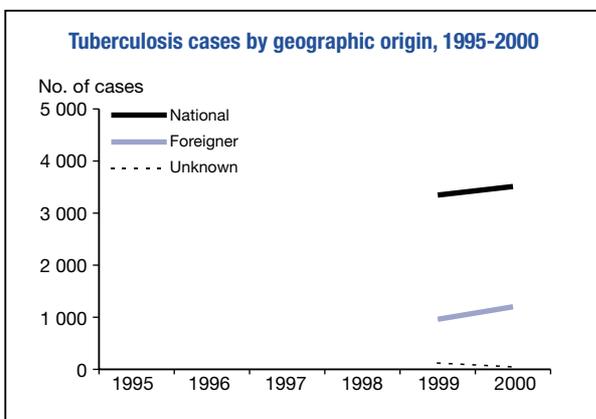
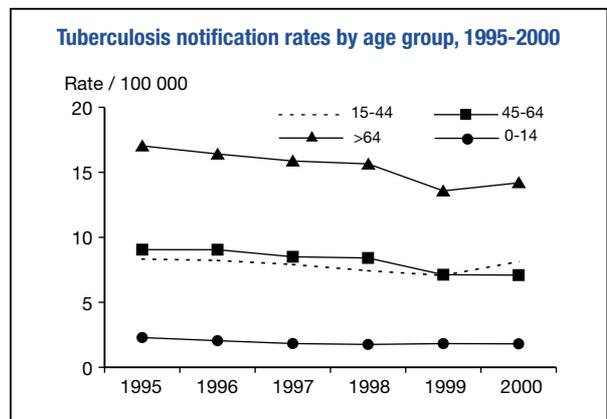
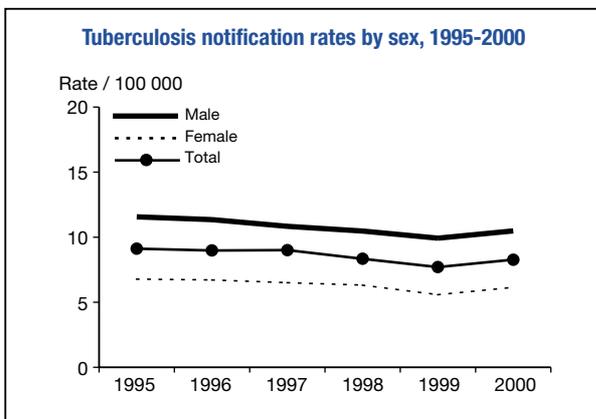
International proficiency testing	yes
Geographic coverage	10 / 20 regions
Linkage with notification	no §
Cases with DST results	806 -
Cases resistant to INH	86 (10.7%)
Cases resistant to RMP	44 (5.5%)
MDR cases	35 (4.3%)
Cases resistant to EMB	22 (2.7%)
Cases resistant to SM	80 (9.9%)

§ Cases diagnosed in 20 selected laboratories

Treatment Outcome Monitoring, 1999

Geographic coverage	Some areas #
Cohort	new pulmonary culture positive
Included in TOM cohort	231
Success	163 (71%)
Death	7 (3%)
Failure	0 (0%)
Default	27 (12%)
Transfer	24 (10%)
Other / unknown	10 (4%)

Cases diagnosed in 46 clinical centres in 10 regions



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	28 265
Notification rate per 100 000	174.8
Sex ratio (M:F)*	1.3
Median age-group, nationals*	25-34 years
Median age-group, non-nationals	-
Foreign born / citizens	-
New (never treated)	22 782 (80.6%)
Culture positive	1 905 (6.7%)
Respiratory	25 498 (90.2%)
of which sputum smear positive	12 926 (50.7%)

* ?????

Drug Resistance Surveillance, 2000

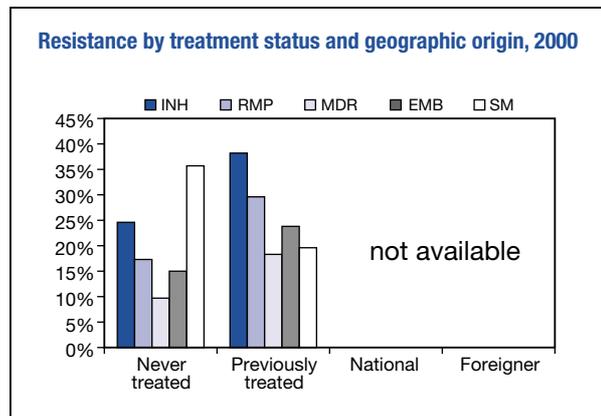
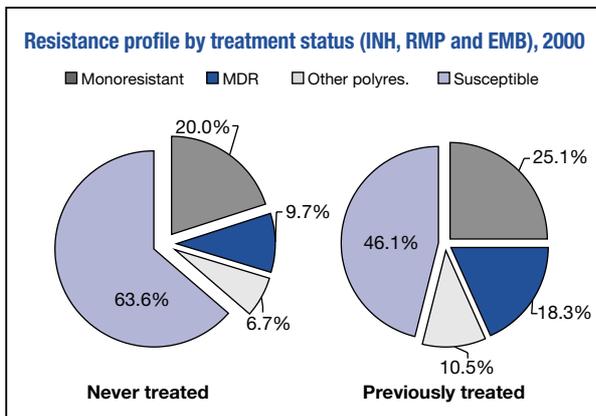
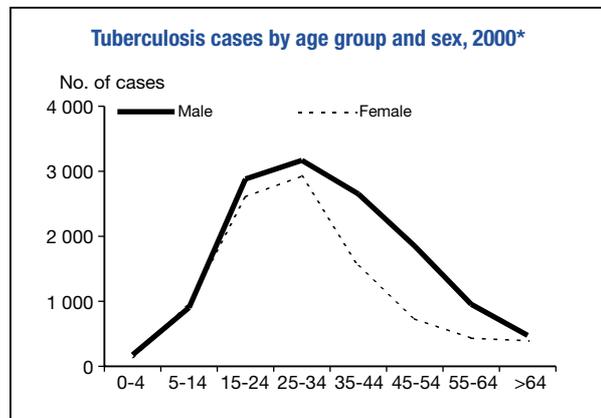
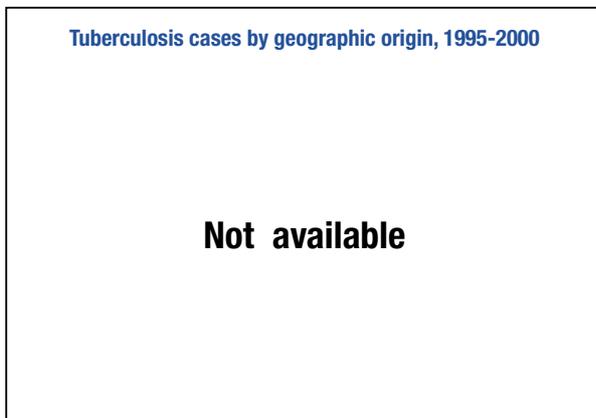
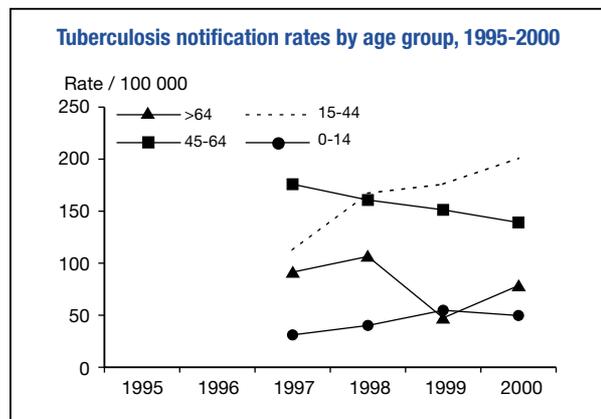
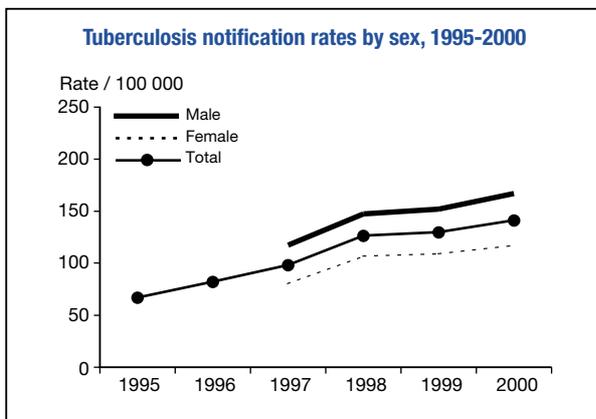
International proficiency testing	No
Geographic coverage	National
Linkage with notification	No §
Cases with DST results	7 263 -
Cases resistant to INH	2 391 (32.9%)
Cases resistant to RMP	1 804 (24.8%)
MDR cases	1 088 (15.0%)
Cases resistant to EMB	1 483 (20.4%)
Cases resistant to SM	3 213 (44.2%)

Culture and DST not routinely performed

§ Data from all laboratories performing DST

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	6 827
Success	5 407 (79%)
Death	316 (5%)
Failure	591 (9%)
Default	229 (3%)
Transfer	284 (4%)
Other / unknown	0 (0%)



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	6 383
Notification rate per 100 000	129.7
Sex ratio (M:F)*	1.6
Median age-group, nationals	-
Median age-group, non-nationals	-
Individuals born abroad	-
New (never treated)	5 953 (93.3%)
Culture positive	-
Pulmonary	4 655 (72.9%)
of which sputum smear positive	1 726 (37.1%)

* New sputum smear positive cases only

Drug Resistance Surveillance, 2000

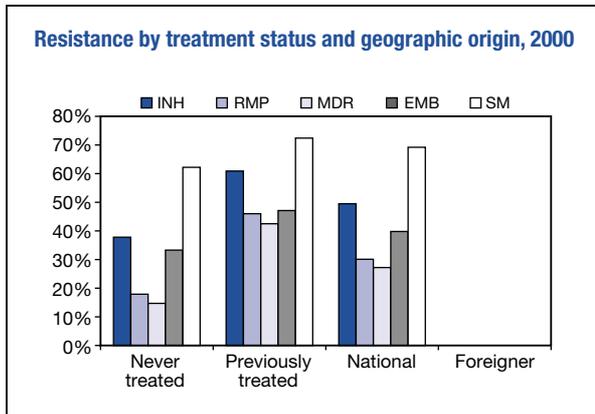
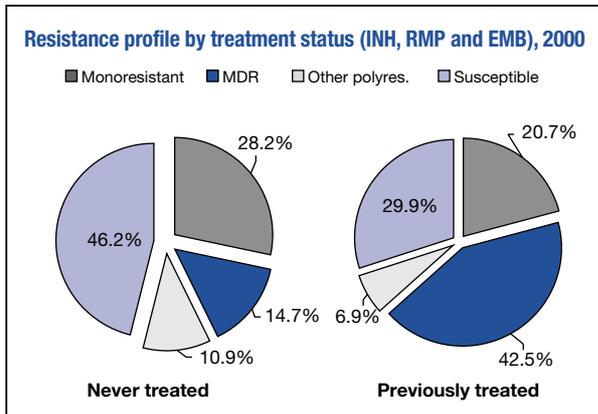
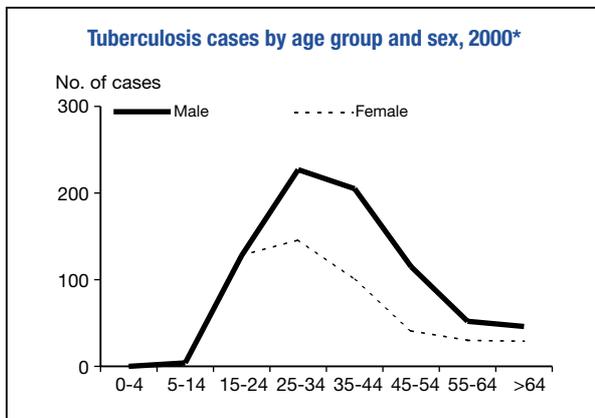
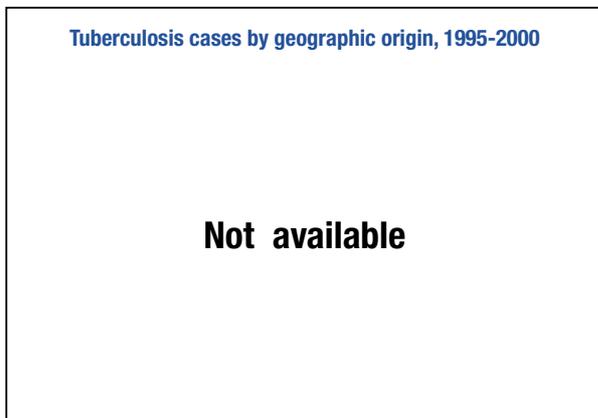
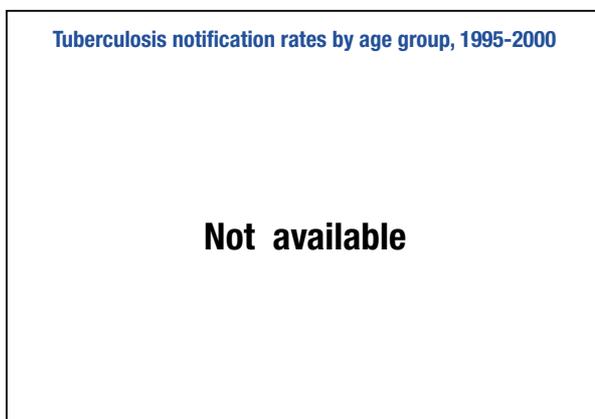
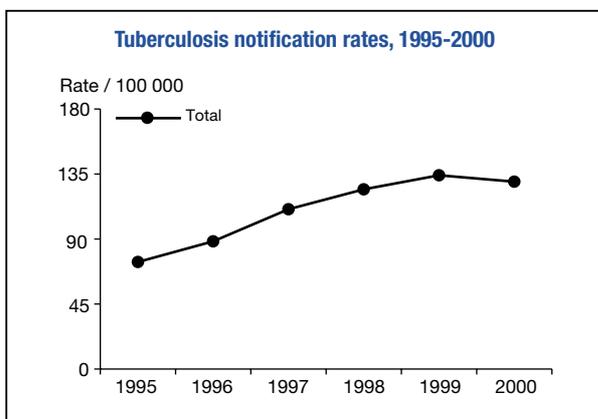
International proficiency testing	No
Geographic coverage	Bishkek
Linkage with notification	No
Cases with DST results	279
Cases resistant to INH	138 (49.5%)
Cases resistant to RMP	84 (30.1%)
MDR cases	76 (27.2%)
Cases resistant to EMB	111 (39.8%)
Cases resistant to SM	193 (69.2%)

Culture and DST not routinely performed

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive #
Included in TOM cohort	1 272
Success	1 053 (83%)
Death	38 (3%)
Failure	63 (5%)
Default	47 (4%)
Transfer	71 (6%)
Other / unknown	0 (0%)

Cases from prisons not included



* New sputum smear positive cases only

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	2 063
Notification rate per 100 000	85.2
Sex ratio (M:F)	2.6
Median age-group, nationals	35-44 years
Median age-group, non-nationals	45-54 years
Individuals born abroad	147 (7.1%)
New (never treated)	1 715 (83.1%)
Culture positive	1 298 (62.9%)
Pulmonary	1 751 (84.9%)
of which sputum smear positive	842 (48.1%)

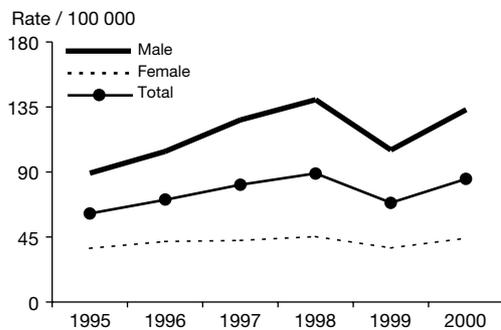
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	1 144 / 1 298 (88%)
Cases resistant to INH	347 (30.3%)
Cases resistant to RMP	150 (13.1%)
MDR cases	150 (13.1%)
Cases resistant to EMB	93 (8.1%)
Cases resistant to SM	300 (26.2%)

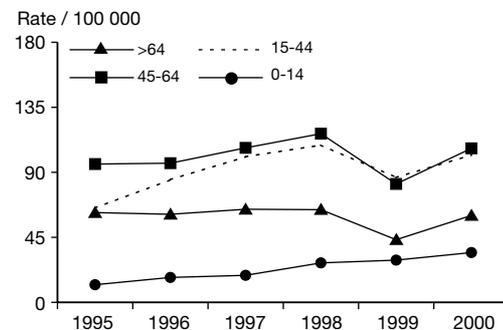
Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	919
Success	716 (78%)
Death	70 (8%)
Failure	9 (1%)
Default	41 (4%)
Transfer	9 (1%)
Other / unknown	74 (8%)

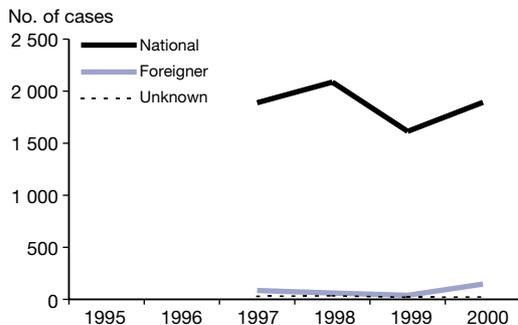
Tuberculosis notification rates by sex, 1995-2000



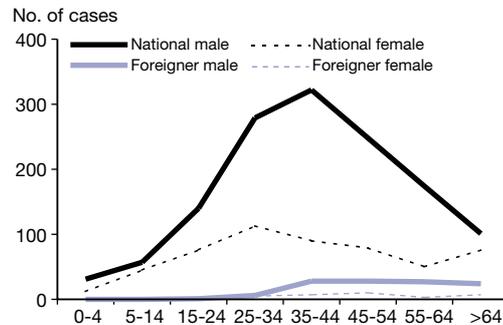
Tuberculosis notification rates by age group, 1995-2000



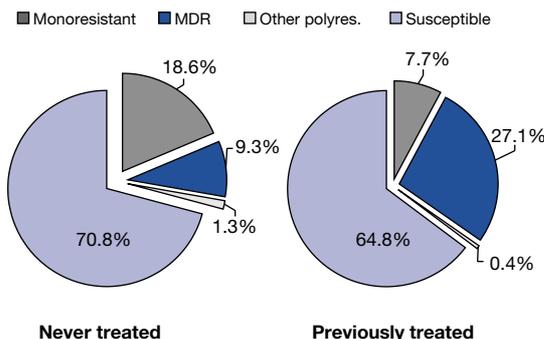
Tuberculosis cases by geographic origin, 1995-2000



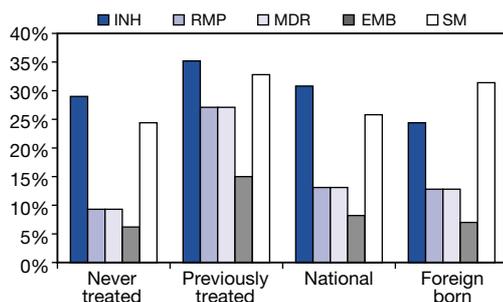
Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



Tuberculosis case notifications, 2000

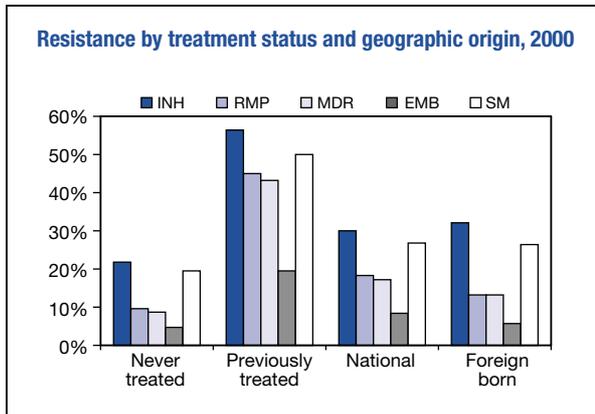
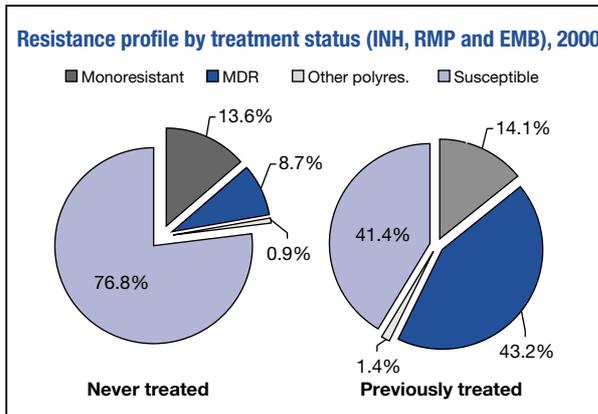
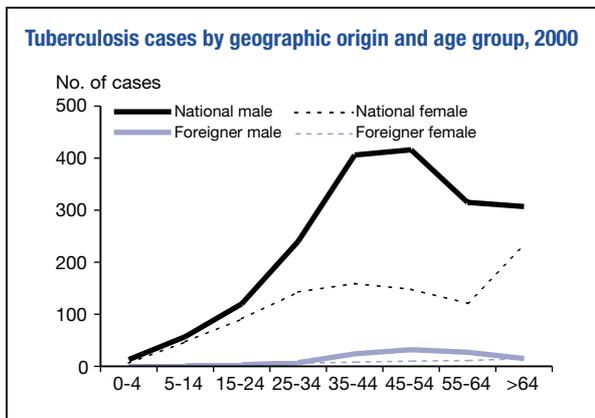
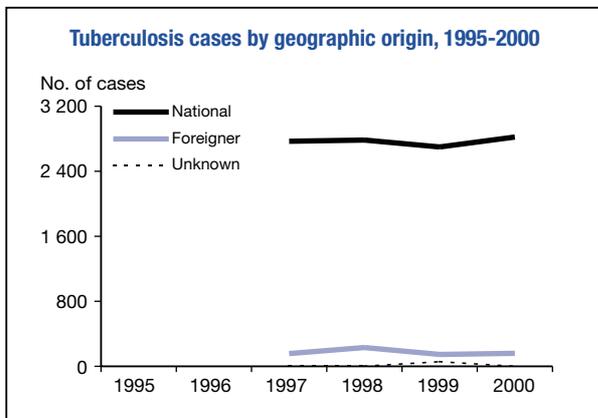
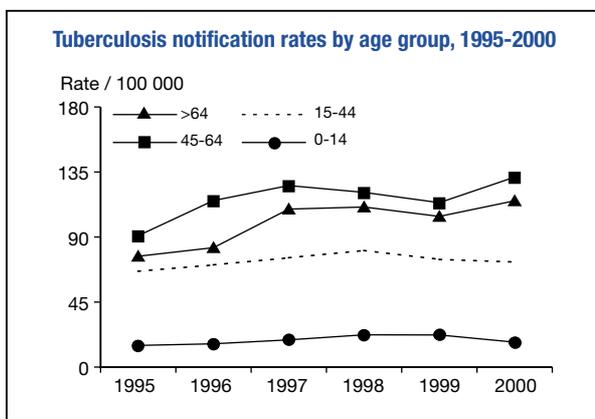
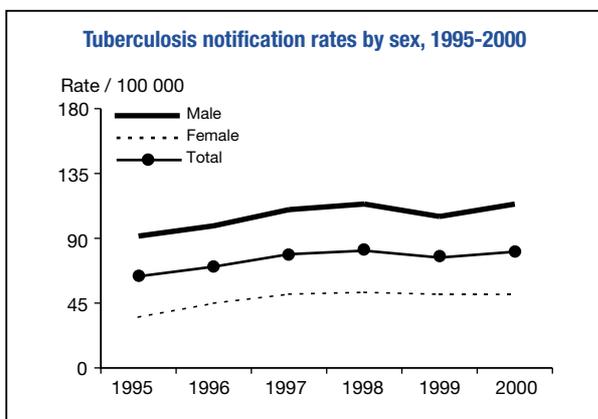
Type of data provided	Aggregate
Total number of cases	2 981
Notification rate per 100 000	80.7
Sex ratio (M:F)	2.0
Median age-group, nationals	45-54 years
Median age-group, non-nationals	45-54 years
Individuals born abroad	160 (5.4%)
New (never treated)	2 330 (78.2%)
Culture positive	1 556 (52.2%)
Pulmonary	2 415 (81.0%)
of which sputum smear positive	1 058 (43.8%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	921 / 1 556 (59%)
Cases resistant to INH	277 (30.1%)
Cases resistant to RMP	166 (18.0%)
MDR cases	156 (16.9%)
Cases resistant to EMB	76 (8.3%)
Cases resistant to SM	246 (26.8%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	1 073 (100%)
Success	807 (75%)
Death	93 (9%)
Failure	29 (3%)
Default	127 (12%)
Transfer	3 (0%)
Other / unknown	14 (1%)



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	44
Notification rate per 100 000	10.1
Sex ratio (M:F)	1.0
Median age-group, nationals	55-64 years
Median age-group, non-nationals	35-44 years
Individuals born abroad	21 (47.7%)
New (never treated)	40 (90.9%)
Culture positive	44 (100.0%)
Pulmonary	42 (95.5%)
of which sputum smear positive	24 (57.1%)

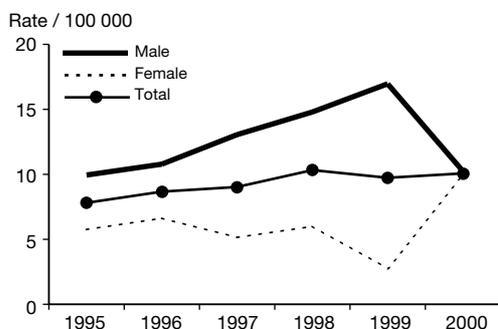
Drug Resistance Surveillance, 2000

International proficiency testing	No
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	44 / 44 (100%)
Cases resistant to INH	2 (4.5%)
Cases resistant to RMP	0 (0%)
MDR cases	0 (0%)
Cases resistant to EMB	0 (0%)
Cases resistant to SM	1 (2.3%)

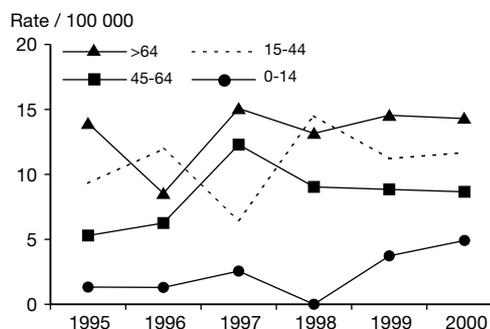
Treatment Outcome Monitoring, 1999

Not available

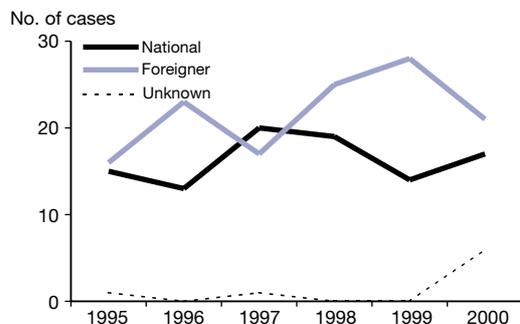
Tuberculosis notification rates by sex, 1995-2000



Tuberculosis notification rates by age group, 1995-2000



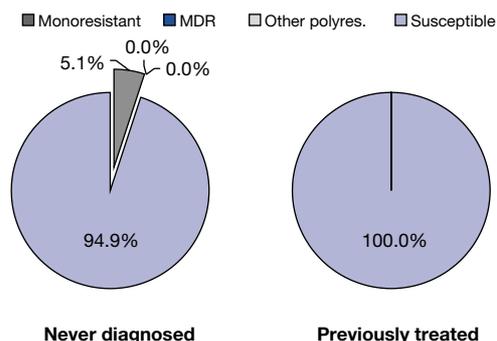
Tuberculosis cases by geographic origin, 1995-2000



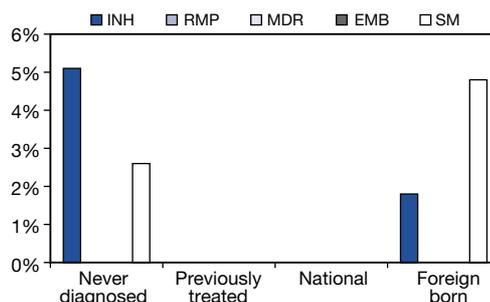
Tuberculosis cases by geographic origin, age group and sex, 2000

Insufficient number of cases for graphic presentation

Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



Tuberculosis case notifications, 2000

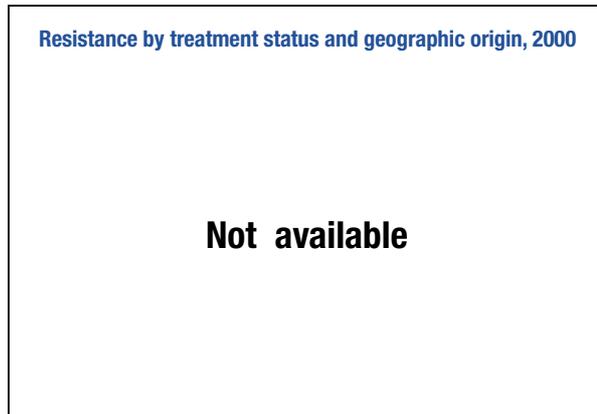
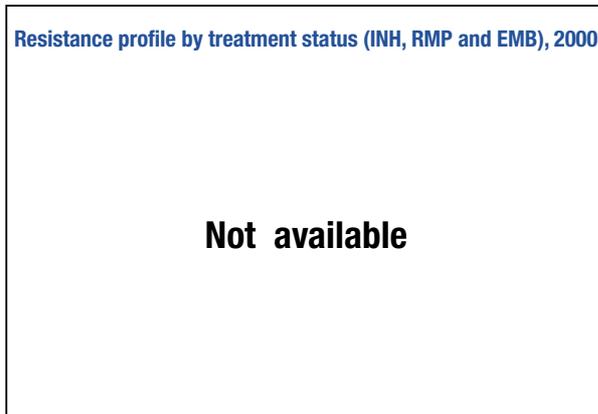
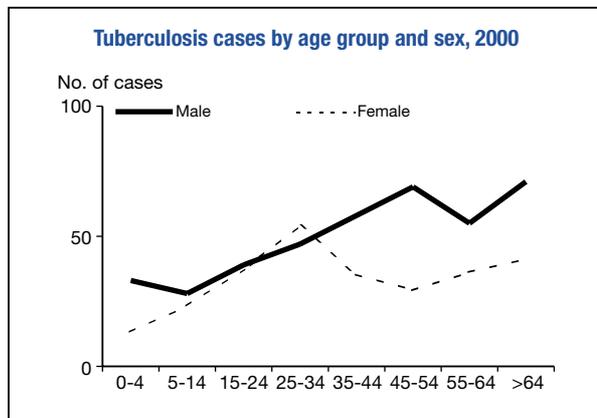
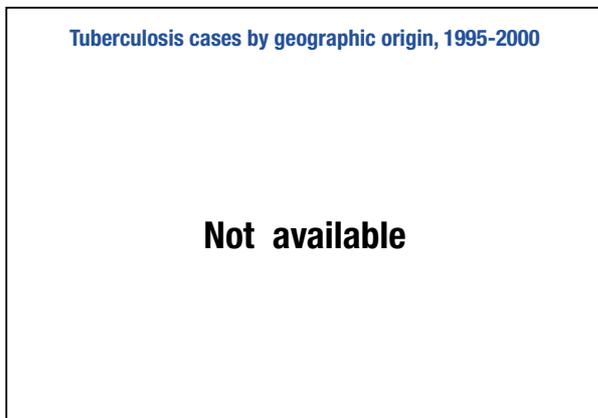
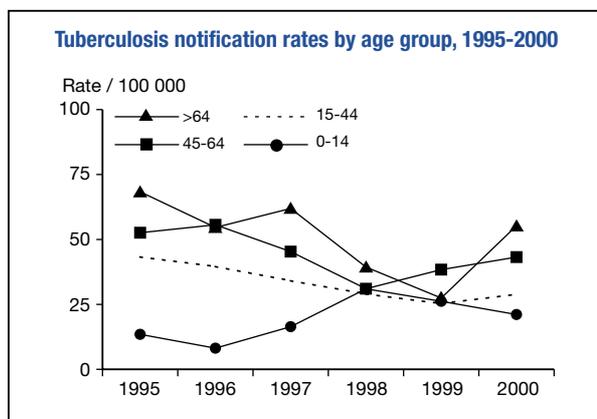
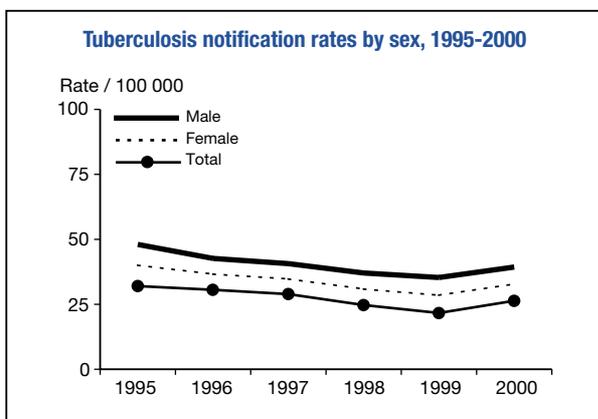
Type of data provided	Aggregate
Total number of cases	668
Notification rate per 100 000	32.8
Sex ratio (M:F)	1.5
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	625 (93.6%)
Culture positive	- -
Respiratory	516 (77.2%)
of which sputum smear positive	183 (35.5%)

Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	122
Success	90 (74%)
Death	3 (2%)
Failure	2 (2%)
Default	11 (9%)
Transfer	2 (2%)
Other / unknown	14 (11%)



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	18
Notification rate per 100 000	4.6
Sex ratio (M:F)	5.0
Median age-group, nationals	> 64 years
Median age-group, non-nationals	15-24 years
Foreign citizens	5 (27.8%)
New (never treated)	15 (83.3%)
Culture positive	10 (55.6%)
Pulmonary	15 (83.3%)
of which sputum smear positive	5 (33.3%)

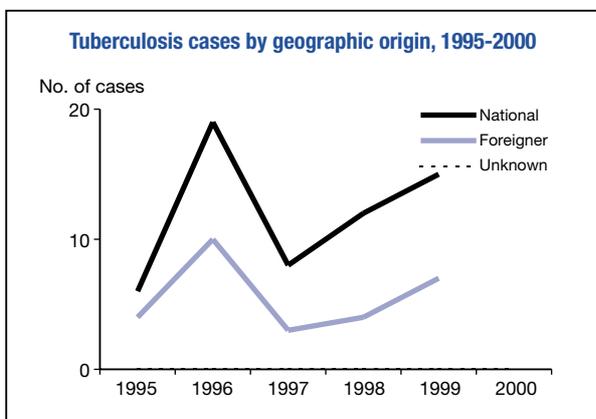
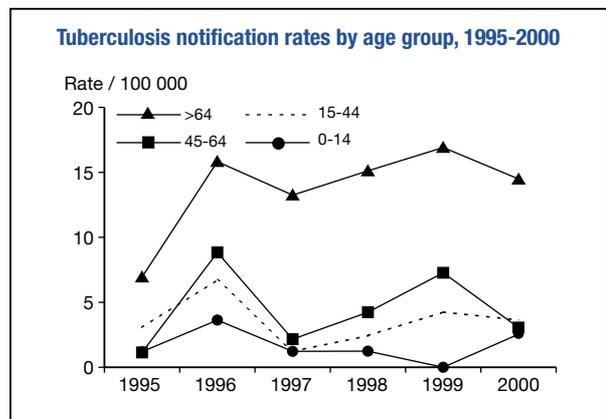
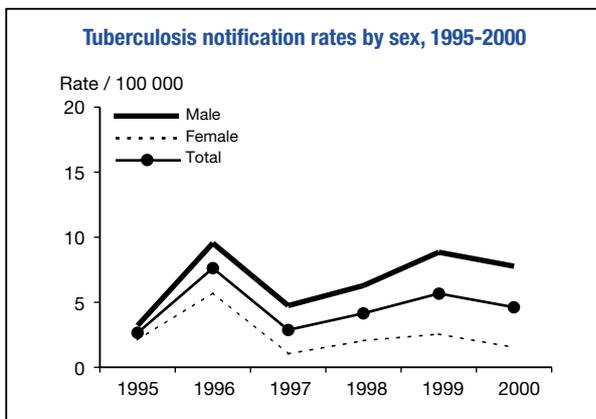
Drug Resistance Surveillance, 2000

International proficiency testing	yes §
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	10 / 10 (100%)
Cases resistant to INH	0 (0%)
Cases resistant to RMP	0 (0%)
MDR cases	0 (0%)
Cases resistant to EMB	0 (0%)
Cases resistant to SM	0 (0%)

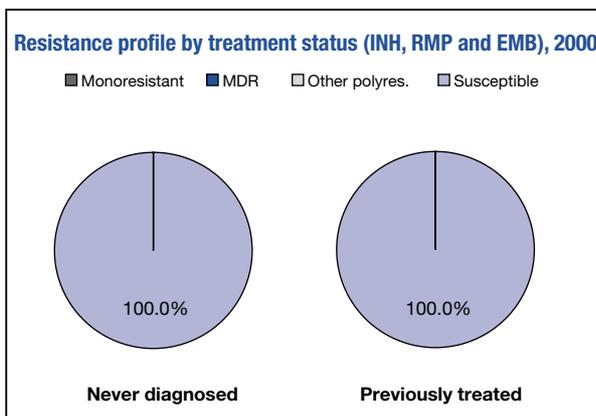
§ DST done in the UK

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	10
Success	8 (80%)
Death	2 (20%)
Failure	0 (0%)
Default	0 (0%)
Transfer	0 (0%)
Other / unknown	0 (0%)



Insufficient number of cases for graphic presentation



No resistance reported

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	2 935
Notification rate per 100 000	68.3
Sex ratio (M:F)	2.6
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Individuals born abroad	-
New (never treated)	2 561 (87.3%)
Culture positive	989 (33.7%)
Respiratory	2 813 (95.8%)
of which sputum smear positive	1 025 (36.4%)

Drug Resistance Surveillance, 2000

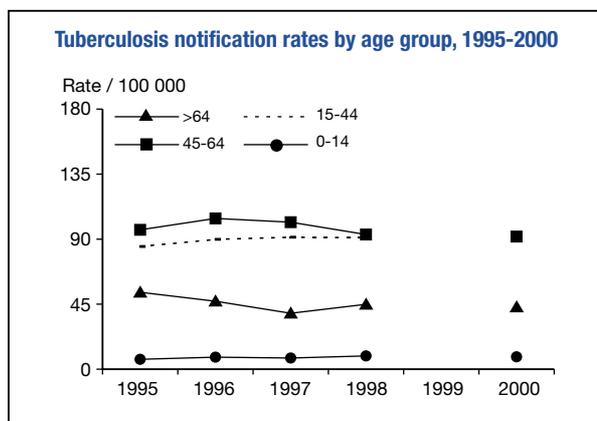
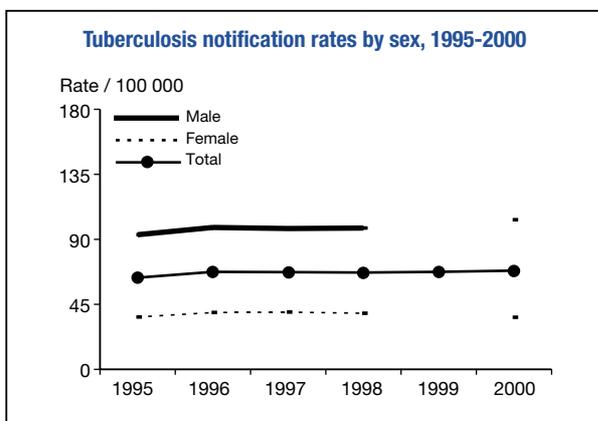
International proficiency testing	No
Geographic coverage	Some areas
Linkage with notification	Yes
Cases with DST results	989 / 989 (100%)
Cases resistant to INH	251 (25.4%)
Cases resistant to RMP	253 (25.6%)
MDR cases	155 (15.7%)
Cases resistant to EMB	87 (8.8%)
Cases resistant to SM	359 (36.3%)

Culture not routinely performed

Treatment Outcome Monitoring, 1999

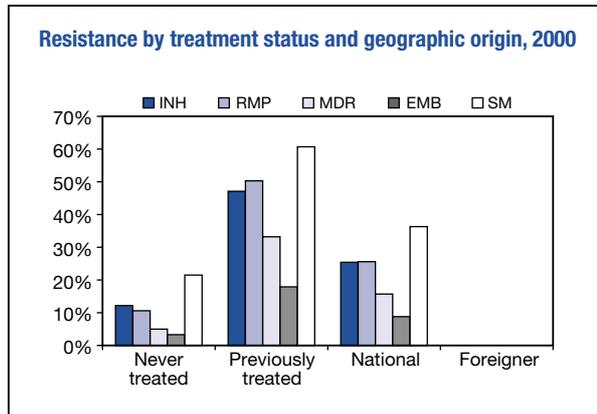
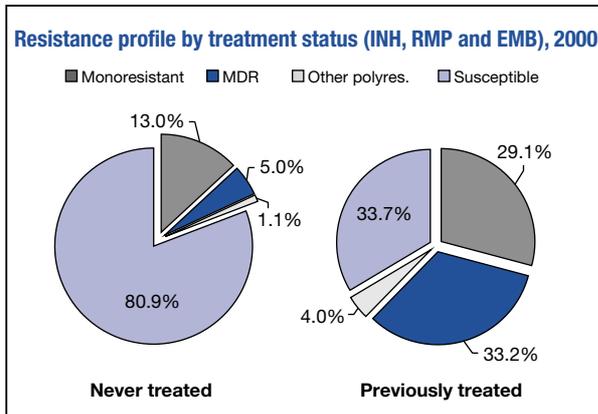
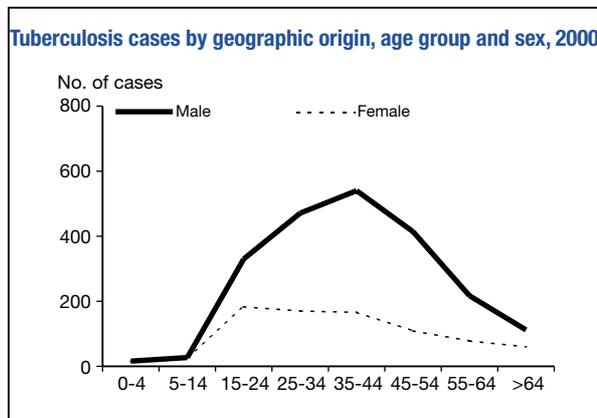
Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	764
Cure	457 (60%)
Death	-
Failure	-
Default	-
Transfer	-
Other / unknown	307 (40%)

Note: Only 2 outcome categories: cure and other



Tuberculosis cases by geographic origin, 1995-2000

Foreigners not included in TB notifications



Tuberculosis case notifications, 2000

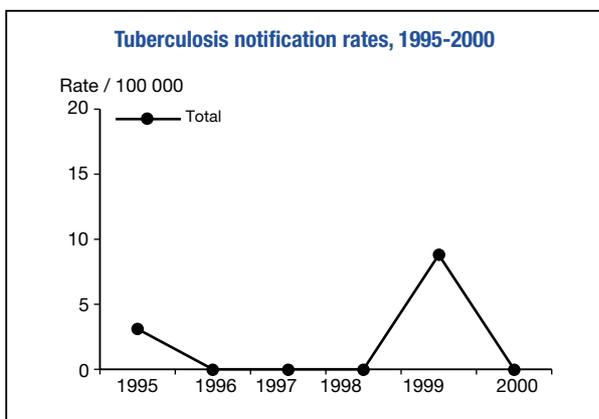
Drug Resistance Surveillance, 2000

Treatment Outcome Monitoring, 1999

Type of data provided	Aggregate
Total number of cases	0
Notification rate per 100 000	0.0
Sex ratio (M:F)	-
Median age-group, nationals	-
Median age-group, non-nationals	-
Individuals born abroad	0 -
New (never treated)	0 -
Culture positive	0 -
Pulmonary	0 -
of which sputum smear positive	0 -

zero cases in 2000

not available



Tuberculosis notification rates by age group, 1995-2000

Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin, 1995-2000

Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin, age group and sex, 2000

Insufficient number of cases for graphic presentation

Resistance profile by treatment status (INH, RMP and EMB), 2000

zero cases in 2000

Resistance by treatment status and geographic origin, 2000

zero cases in 2000

Tuberculosis case notifications, 2000

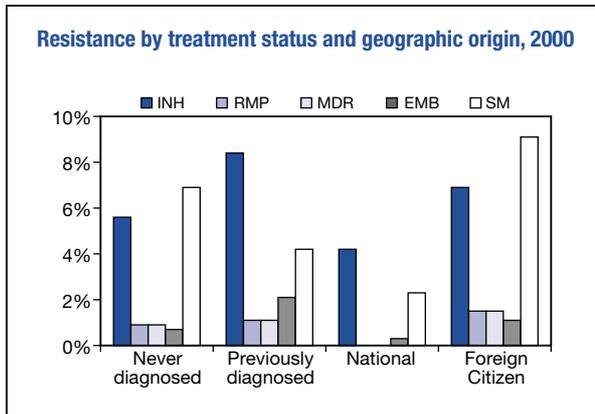
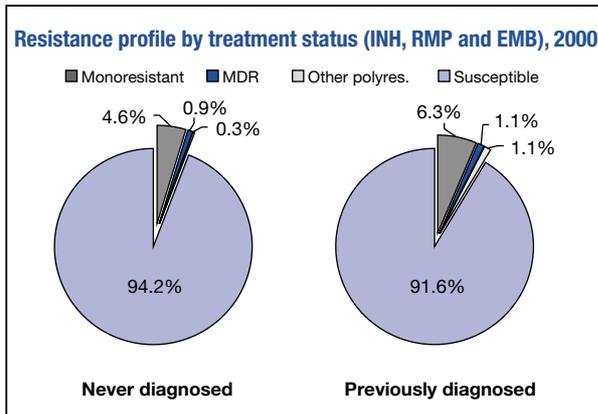
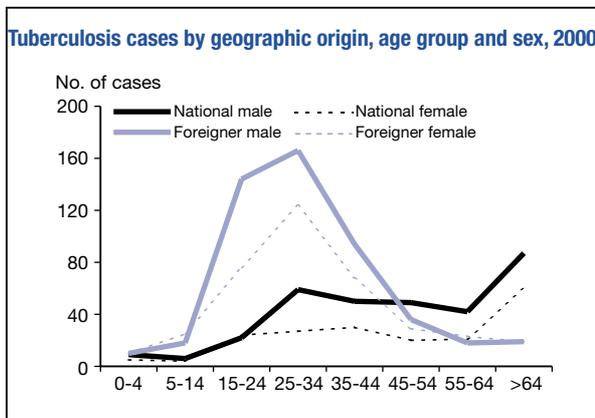
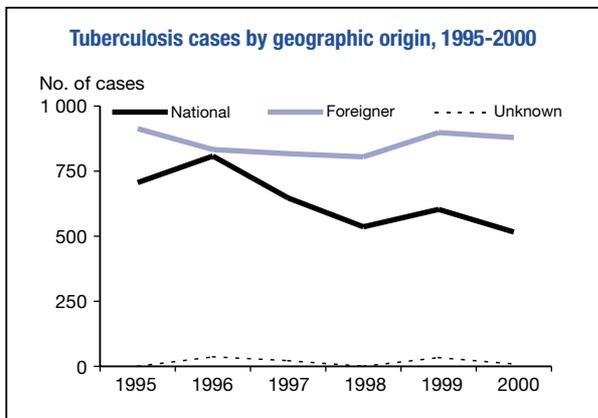
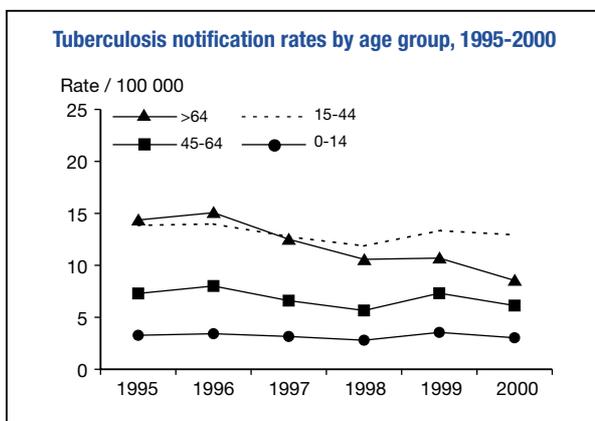
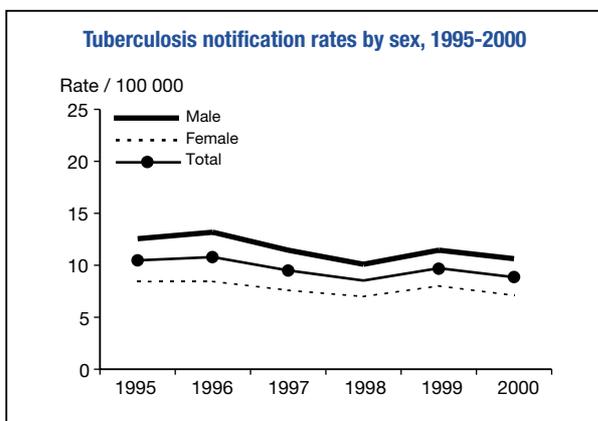
Type of data provided	Individual
Total number of cases	1 404
Notification rate per 100 000	8.9
Sex ratio (M:F)	1.5
Median age-group, nationals	45-54 years
Median age-group, non-nationals	25-34 years
Foreign citizens	879 (62.6%)
New (never treated)	1 294 (88.6%)
Culture positive	863 (60.0%)
Pulmonary	927 (66.0%)
of which sputum smear positive	324 (35.0%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	863 / 863 (100%)
Cases resistant to INH	51 (5.9%)
Cases resistant to RMP	8 (0.9%)
MDR cases	8 (0.9%)
Cases resistant to EMB	7 (0.8%)
Cases resistant to SM	57 (6.6%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	627
Success	541 (86%)
Death	38 (6%)
Failure	0 (0%)
Default	29 (5%)
Transfer	19 (3%)
Other / unknown	0 (0%)



Tuberculosis case notifications, 2000

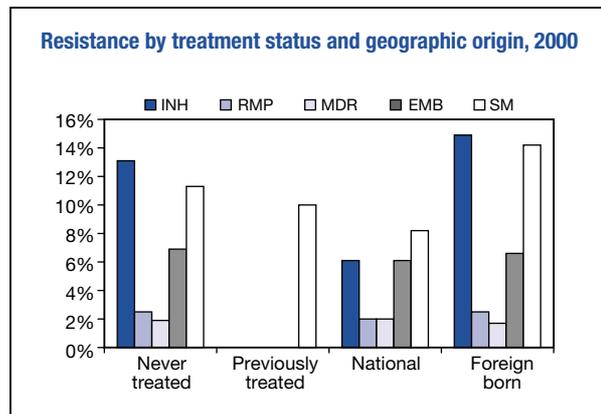
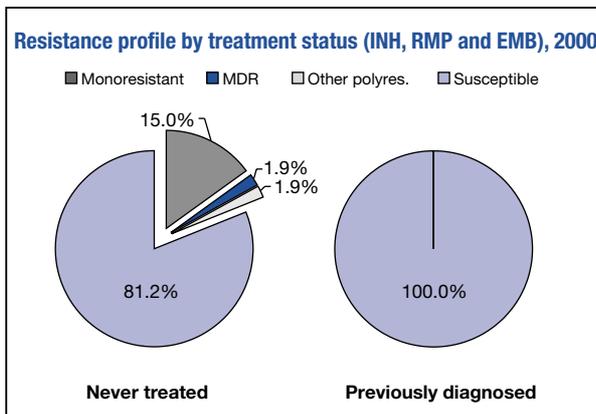
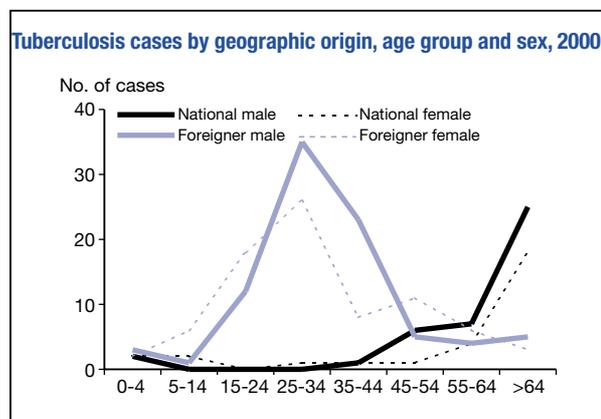
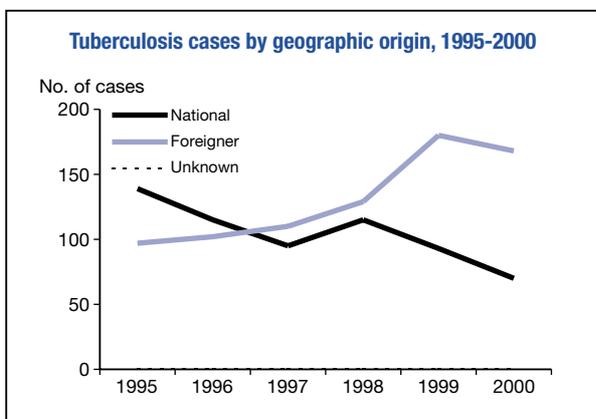
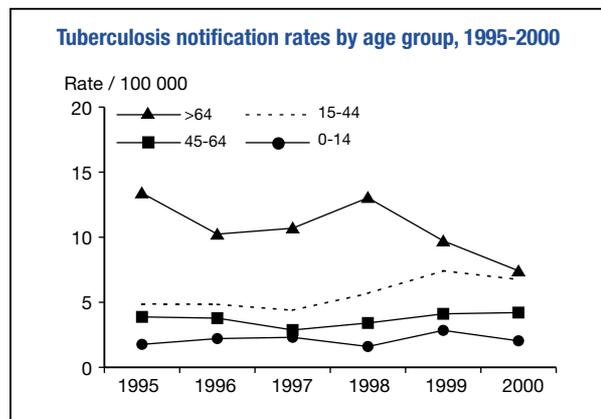
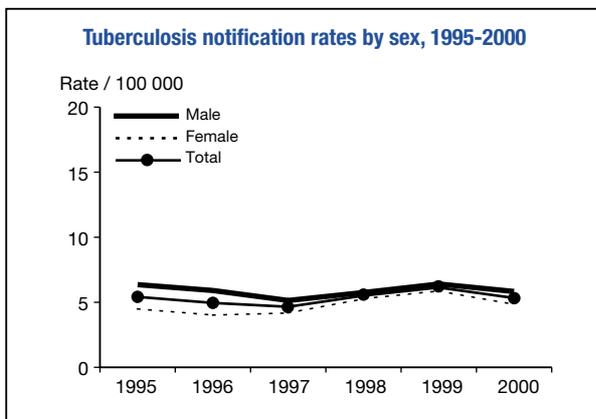
Type of data provided	Individual
Total number of cases	238
Notification rate per 100 000	5.3
Sex ratio (M:F)	1.2
Median age-group, nationals	> 64 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	168 (70.6%)
New (never treated)	219 (92.0%)
Culture positive	170 (71.4%)
Pulmonary	150 (63.0%)
among which sputum smear positive	40 (26.7%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	170 / 170 (100%)
Cases resistant to INH	21 (12.4%)
Cases resistant to RMP	4 (2.4%)
MDR cases	3 (1.8%)
Cases resistant to EMB	11 (6.5%)
Cases resistant to SM	19 (11.2%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	101
Success	78 (77%)
Death	11 (11%)
Failure	1 (1%)
Default	7 (7%)
Transfer	4 (4%)
Other / unknown	0 (0%)



Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	11 477
Notification rate per 100 000	29.7
Sex ratio (M:F)	2.0
Median age-group, nationals	45-54 years
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	10 049 (87.6%)
Culture positive	6 377 (55.6%)
Respiratory	11 327 (98.7%)
of which sputum smear positive	3 770 (33.3%)

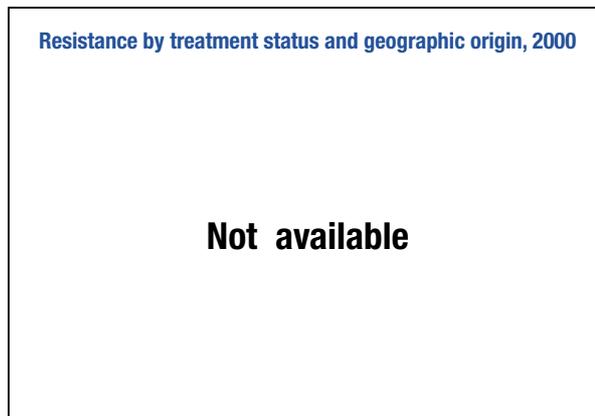
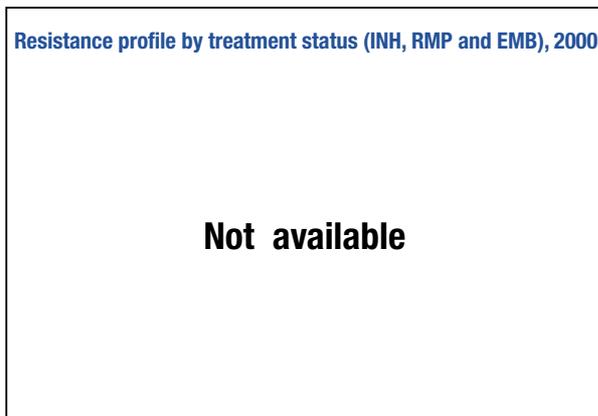
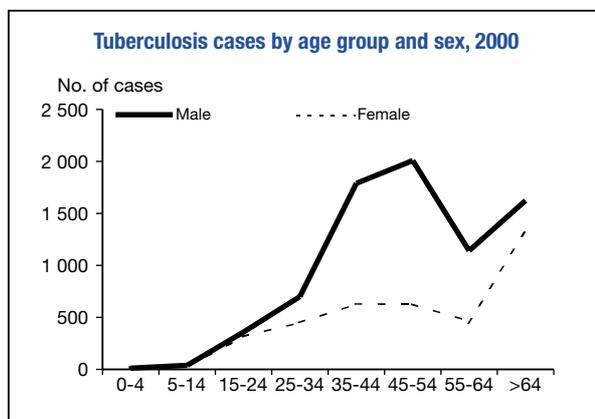
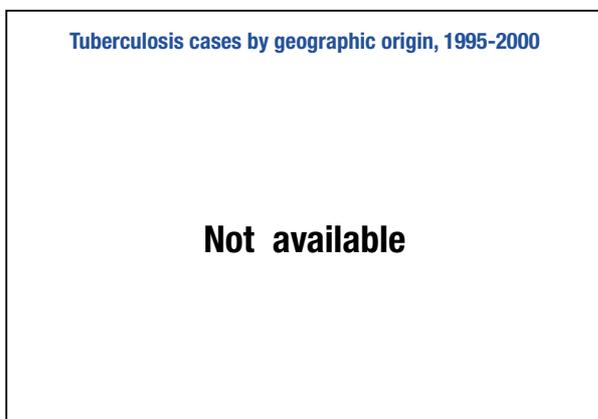
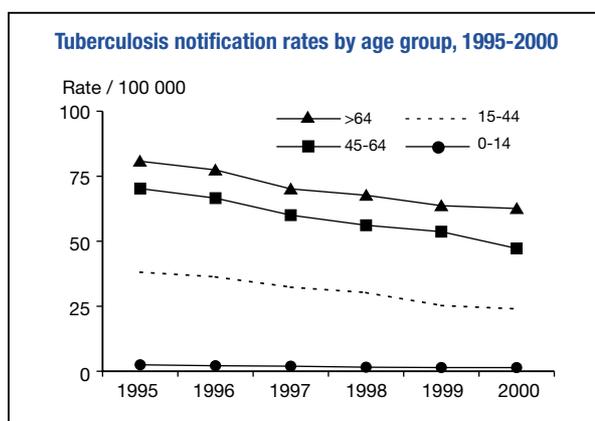
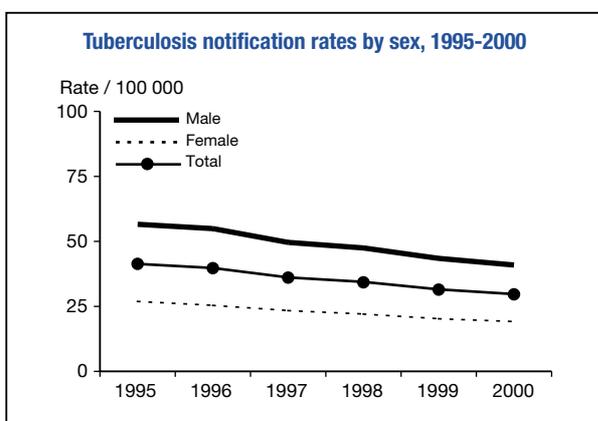
Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

Geographic coverage	2 DOTS regions §
Cohort	new sputum smear positive
Included in TOM cohort	173
Success	120 (69%)
Death	18 (10%)
Failure	12 (7%)
Default	2 (1%)
Transfer	2 (1%)
Other / unknown	19 (11%)

§ representing 4% of smear positive cases notified



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	4 494
Notification rate per 100 000	44.9
Sex ratio (M:F)	2.2
Median age-group, nationals	35-44 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	434 (9.7%)
New (never treated)	4 033 (89.7%)
Culture positive	2 281 (50.8%)
Pulmonary	3 247 (72.3%)
of which sputum smear positive	2 106 (64.9%)

Drug Resistance Surveillance, 2000

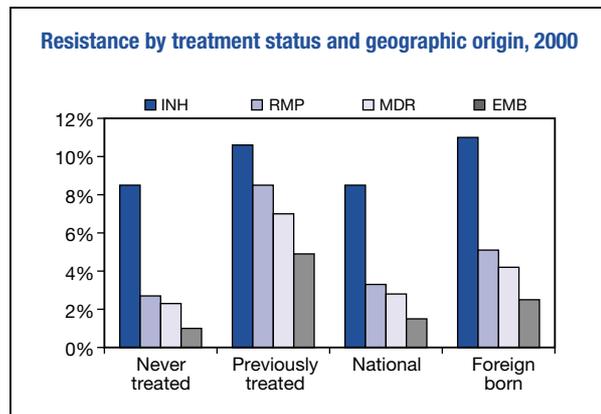
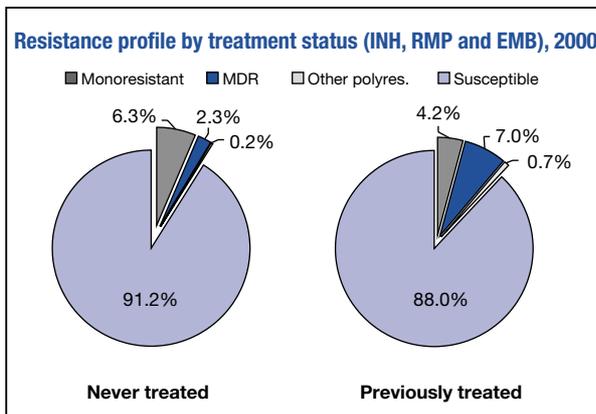
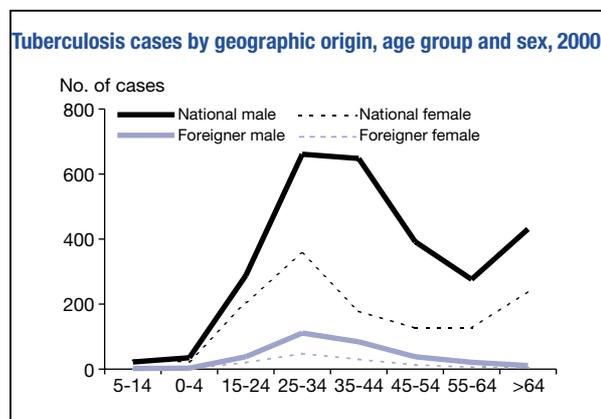
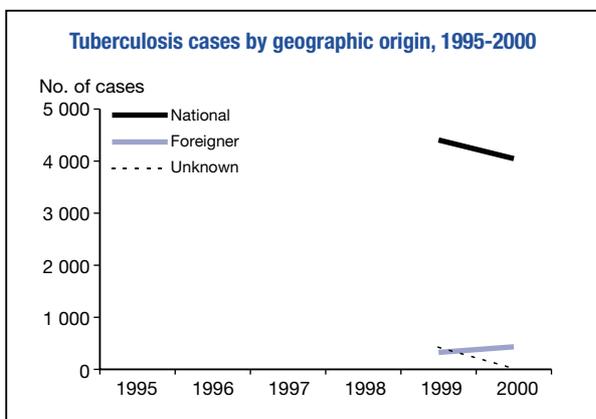
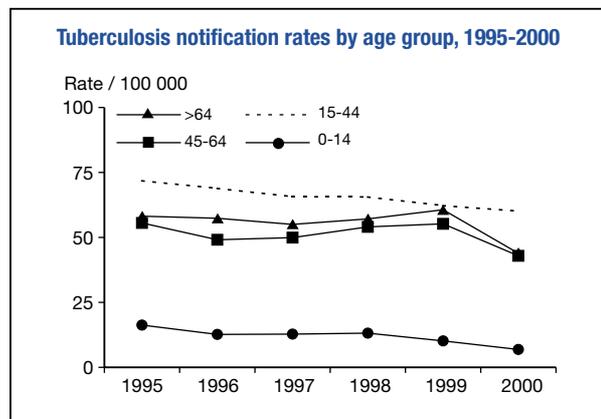
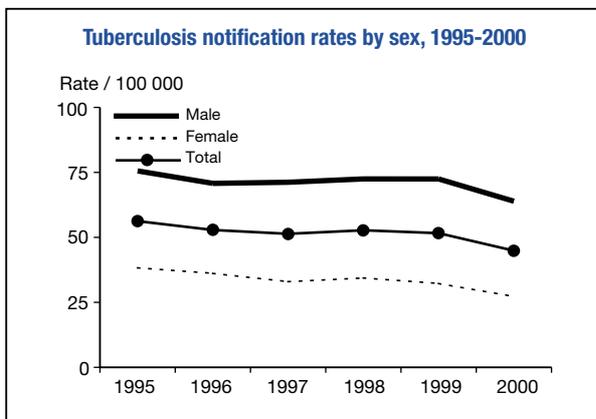
International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	1 006 / 2 281 (44%)
Cases resistant to INH	88 (8.8%)
Cases resistant to RMP	35 (3.5%)
MDR cases	30 (3.0%)
Cases resistant to EMB	16 (1.6%)
Cases resistant to SM	- -

DST not routinely performed

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	890
Success	769 (86%)
Death	62 (7%)
Failure	0 (0%)
Default	35 (4%)
Transfer	20 (2%)
Other / unknown	4 (0%)

Cases notified during the first semester 1999



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	27 720
Notification rate per 100 000	123.5
Sex ratio (M:F)	2.2
Median age-group, nationals	35-44 years
Median age-group, non-nationals	-
Foreign citizens	0 (0.0%)
New (never treated)	23 864 (86.1%)
Culture positive	12 009 (43.3%)
Pulmonary	23 434 (84.5%)
of which sputum smear positive	12 322 (52.6%)

Drug Resistance Surveillance, 2000

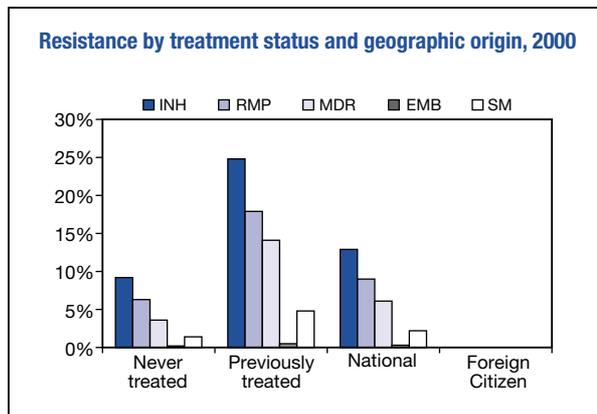
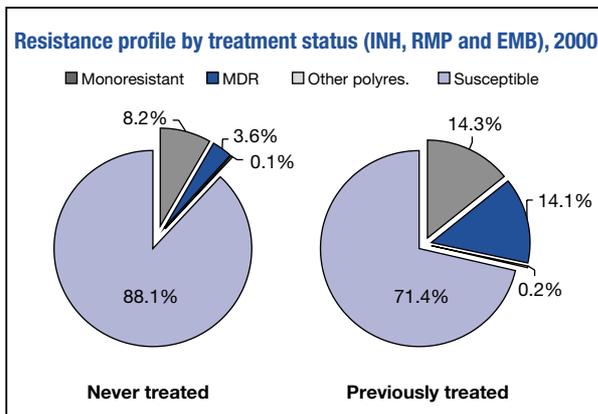
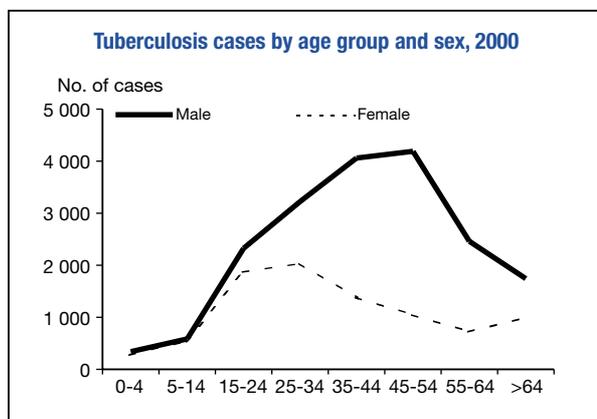
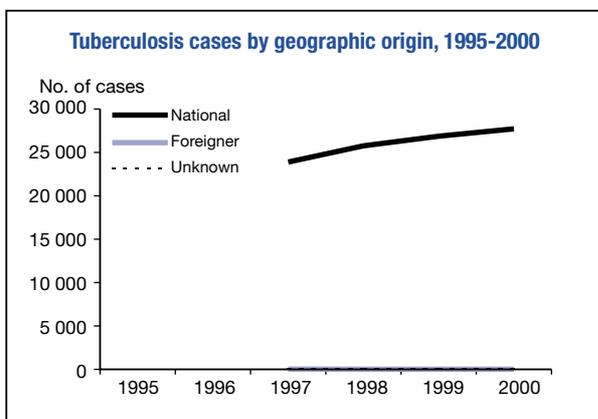
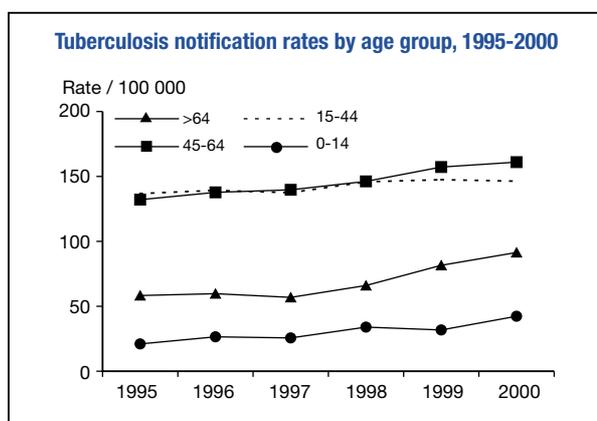
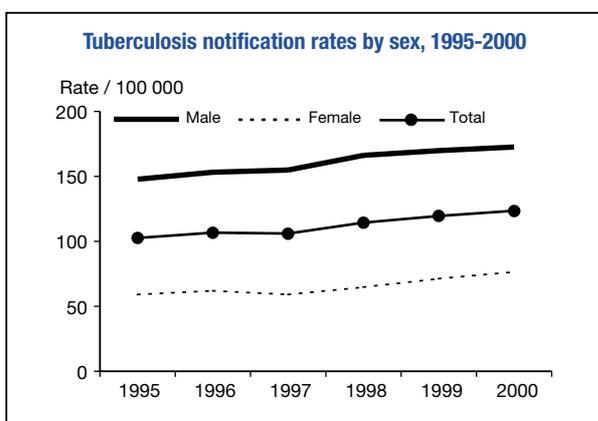
International proficiency testing	No
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	2 728 / 12 009 (28%)
Cases resistant to INH	352 (12.9%)
Cases resistant to RMP	246 (9.0%)
MDR cases	166 (6.1%)
Cases resistant to EMB	7 (0.3%)
Cases resistant to SM	61 (2.2%)

Culture and DST not routinely performed

Treatment Outcome Monitoring, 1999

Geographic coverage	some areas §
Cohort	new pulmonary smear positive
Included in TOM cohort	1 373
Success	1 052 (77%)
Death	78 (6%)
Failure	121 (9%)
Default	76 (6%)
Transfer	39 (3%)
Other / unknown	7 (1%)

§ mainly DOTS areas; 11% of smear positive cases



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	143 801
Notification rate per 100 000	98.8
Sex ratio (M:F)*	3.1
Median age-group, nationals*	35-44 years
Median age-group, non-nationals	-
Foreign citizens*	342 (0.2%)
New (never treated)	132 071 (91.8%)
Culture positive	- -
Respiratory	138 600 (96.4%)
of which sputum smear positive	31 649 (22.8%)

Drug Resistance Surveillance, 1999

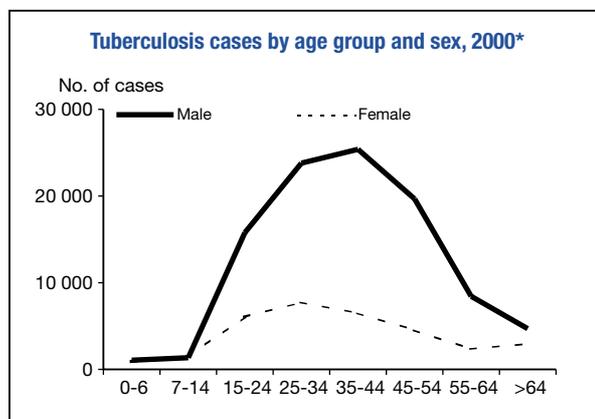
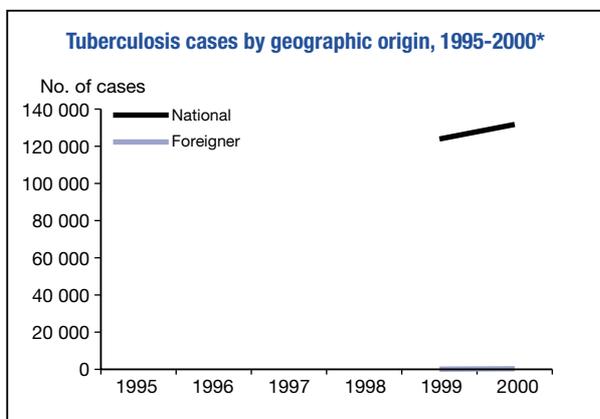
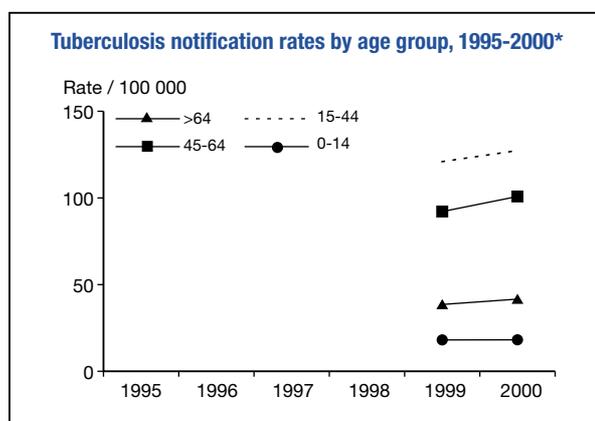
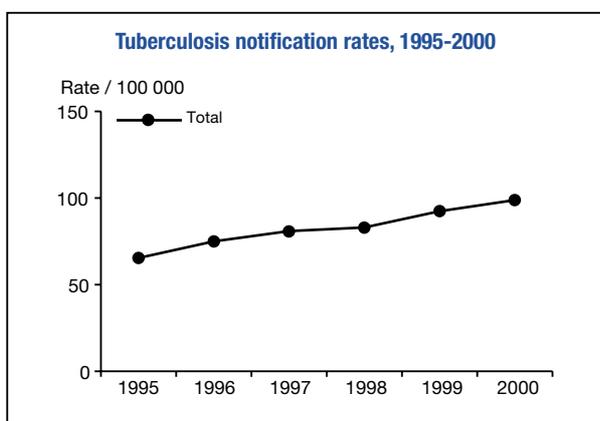
International proficiency testing	yes (2001)
Geographic coverage	national
Linkage with notification	yes §
Cases with DST results	36 217 -
Cases resistant to INH	- -
Cases resistant to RMP	- -
MDR cases	2 429 (6.7%)
Cases resistant to EMB	- -
Cases resistant to SM	- -

§ new respiratory cases notified to MoH; prisoners not included

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive §
Included in TOM cohort	36 166 -
Success	25 100 (69%)
Death	5 158 (14%)
Failure	5 209 (14%)
Default	0 (0%)
Transfer	457 (1%)
Other / unknown	242 (1%)

§ Cases notified to MoH (not including prisoners)



Resistance profile by treatment status (INH, RMP and EMB), 2000

Not available

Resistance by treatment status and geographic origin, 2000

Not available

* New cases only

Tuberculosis case notifications, 2000

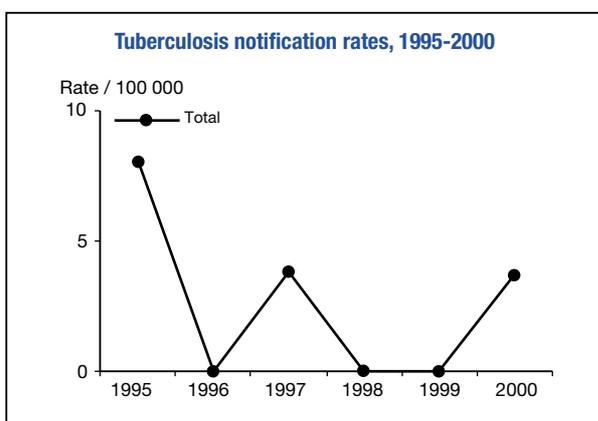
Type of data provided	Aggregate
Total number of cases	1
Notification rate per 100 000	3.7
Sex ratio (M:F)	-
Median age-group, nationals	-
Median age-group, non-nationals	-
Individuals born abroad	0
New (never treated)	1 (100.0%)
Culture positive	1 (100.0%)
Respiratory	1 (100.0%)
of which sputum smear positive	1 (100.0%)

Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

zero cases in 1999



Tuberculosis notification rates by age group, 1995-2000

Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin (citizenship), 1995-2000

Insufficient number of cases for graphic presentation

Tuberculosis cases by geographic origin, age group and sex, 2000

Insufficient number of cases for graphic presentation

Resistance profile by treatment status (INH, RMP and EMB), 2000

Not available

Resistance by treatment status and geographic origin, 2000

Not available

Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	1 111
Notification rate per 100 000	20.6
Sex ratio (M:F)	1.6
Median age-group, nationals	55-64 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	8 (0.7%)
New (never treated)	925 (83.3%)
Culture positive	596 (53.6%)
Pulmonary	904 (81.4%)
of which sputum smear positive	284 (31.4%)

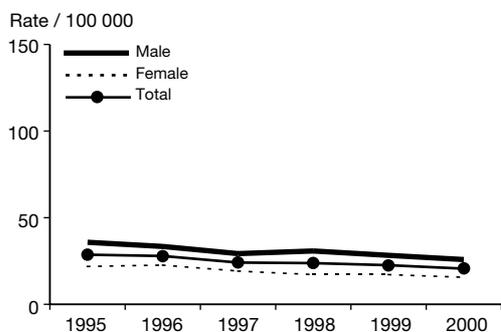
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	575 / 596 (96%)
Cases resistant to INH	27 (4.7%)
Cases resistant to RMP	9 (1.6%)
MDR cases	7 (1.2%)
Cases resistant to EMB	2 (0.3%)
Cases resistant to SM	12 (2.1%)

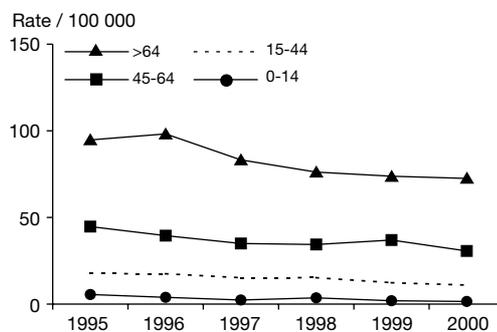
Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	430
Success	353 (82%)
Death	60 (14%)
Failure	5 (1%)
Default	7 (2%)
Transfer	0 (0%)
Other / unknown	5 (1%)

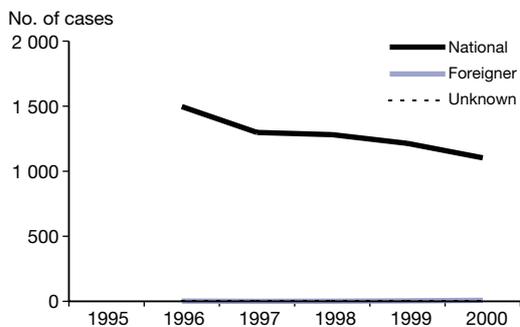
Tuberculosis notification rates by sex, 1995-2000



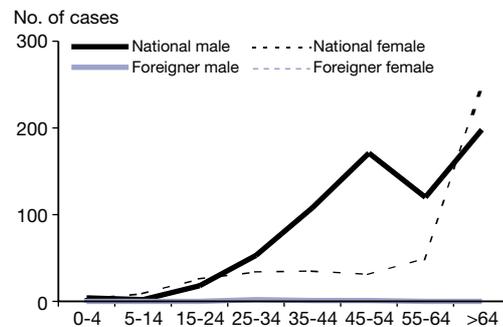
Tuberculosis notification rates by age group, 1995-2000



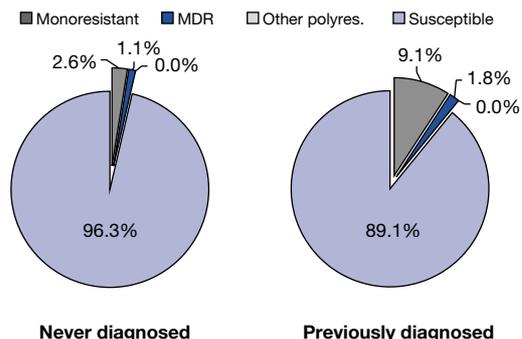
Tuberculosis cases by geographic origin, 1995-2000



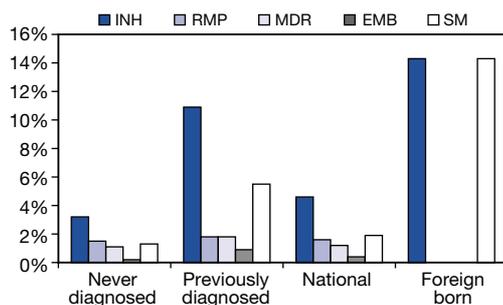
Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



Tuberculosis case notifications, 2000

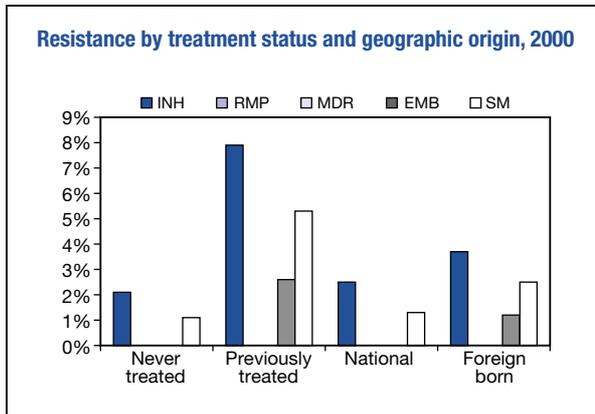
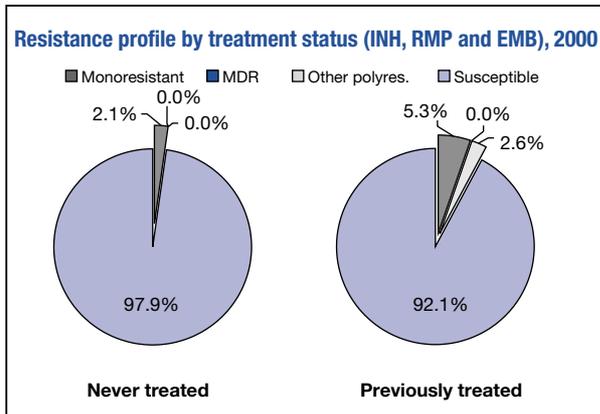
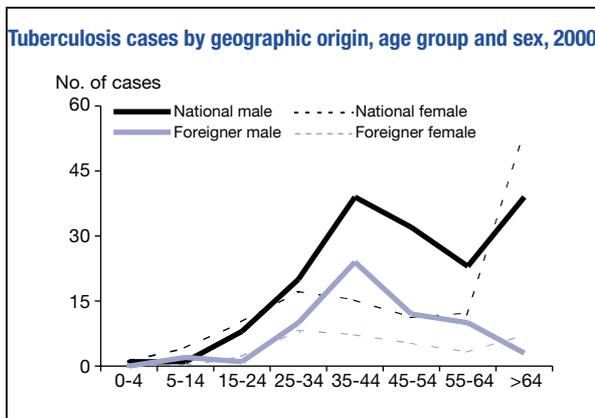
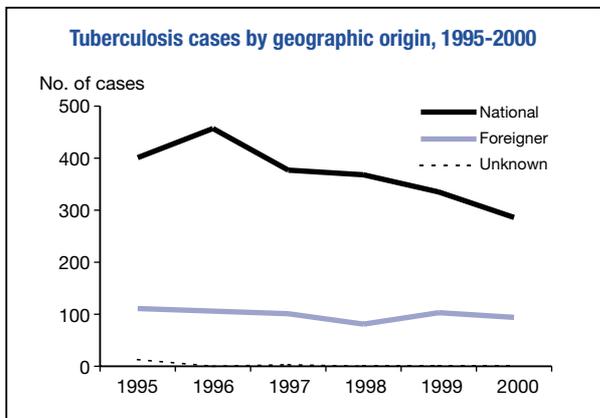
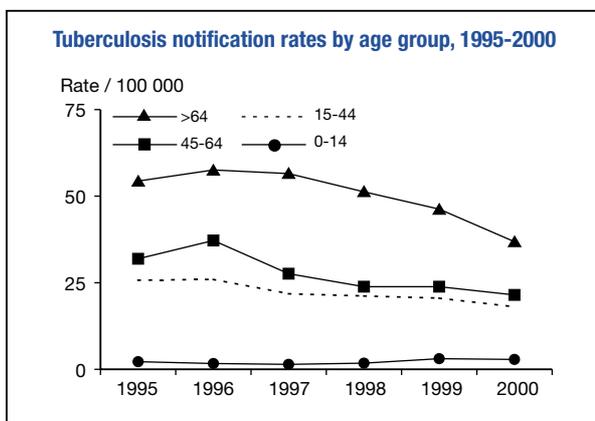
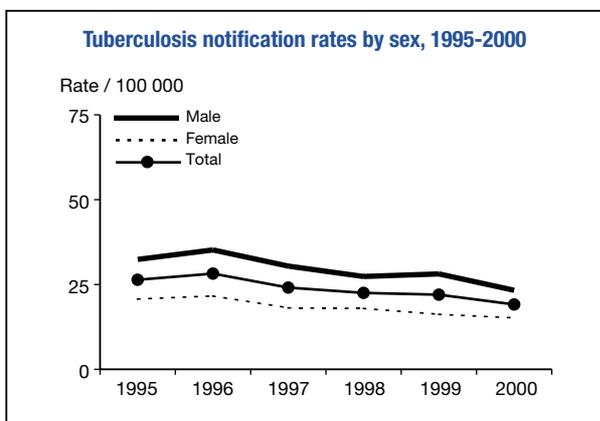
Type of data provided	Individual
Total number of cases	380
Notification rate per 100 000	19.1
Sex ratio (M:F)	1.5
Median age-group, nationals	45-54 years
Median age-group, non-nationals	35-44 years
Individuals born abroad	94 (24.7%)
New (never treated)	336 (88.4%)
Culture positive	324 (85.3%)
Pulmonary	319 (83.9%)
of which sputum smear positive	169 (53.0%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	320 / 324 (99%)
Cases resistant to INH	9 (2.8%)
Cases resistant to RMP	0 (0.0%)
MDR cases	0 (0.0%)
Cases resistant to EMB	1 (0.3%)
Cases resistant to SM	5 (1.6%)

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new pulmonary culture positive
Included in TOM cohort	277
Success	231 (83%)
Death	32 (12%)
Failure	0 (0%)
Defaulter	12 (4%)
Transfers out	2 (1%)
Other / unknown	0 (0%)



Tuberculosis case notifications *, 2000

Type of data provided	Aggregate
Total number of cases	8 395
Notification rate per 100 000	21.0
Sex ratio (M:F)	2.1
Median age-group, nationals	35-44 years
Median age-group, non-nationals	35-44 years
Individuals born abroad **	451 (5.4%)
New (never treated)	6 155 (73.3%)
Culture positive	3 436 (40.9%)
Respiratory	8 270 (98.5%)
of which sputum smear positive	3 646 (44.1%)

* respiratory and meningeal cases only

** 50% of cases with missing information

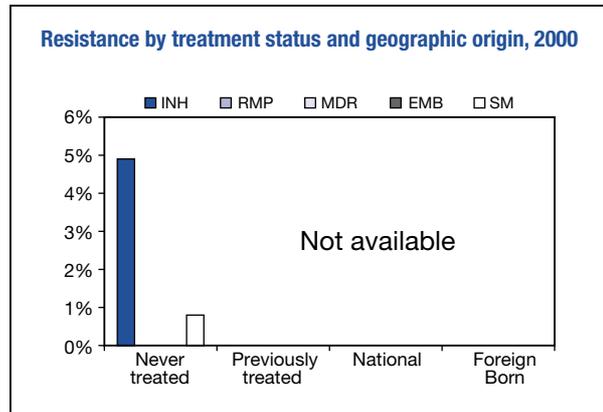
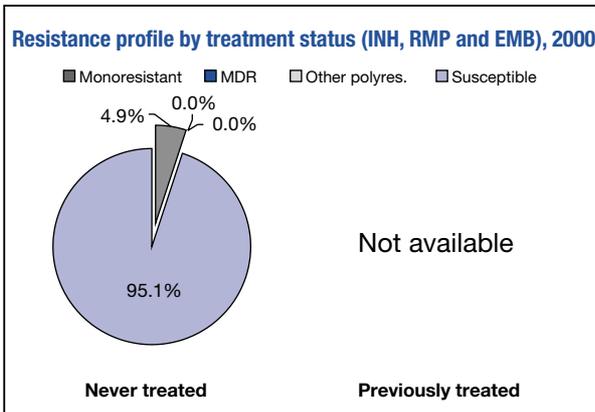
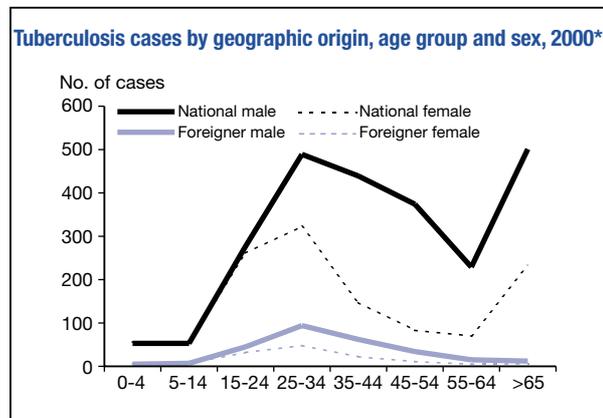
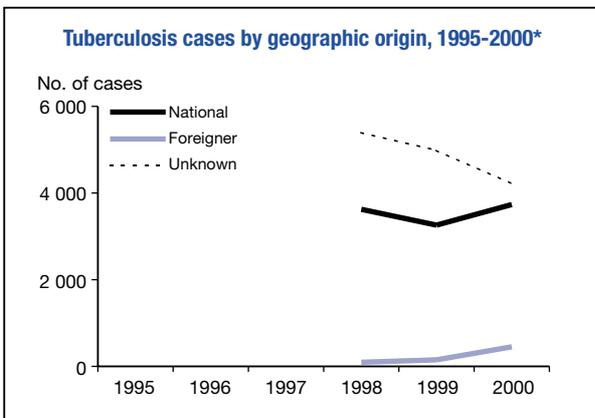
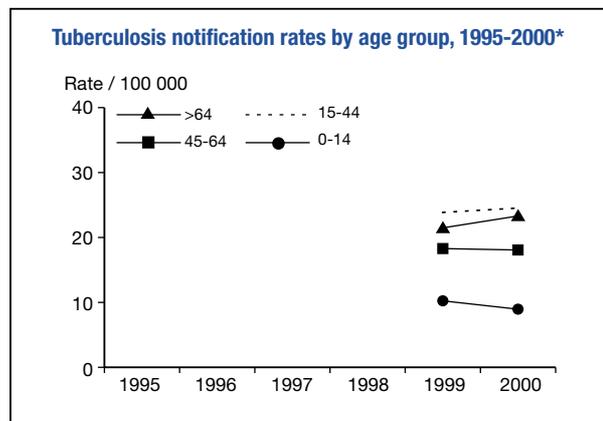
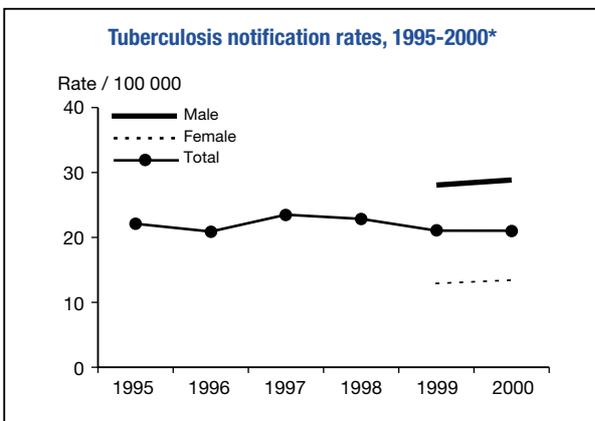
Drug Resistance Surveillance, 2000

International proficiency testing	No
Geographic coverage	National
Linkage with notification	No §
Cases with DST results	364
Cases resistant to INH	18 (4.9%)
Cases resistant to RMP	0 (0%)
MDR cases	0 (0%)
Cases resistant to EMB	0 (0%)
Cases resistant to SM	3 (0.8%)

§ New TB cases referred to NRL

Treatment Outcome Monitoring, 1999

Not available



* TB case definition changed in 1997

Tuberculosis case notifications, 2000

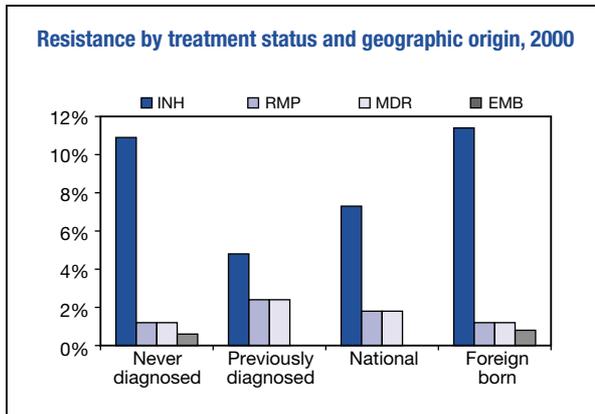
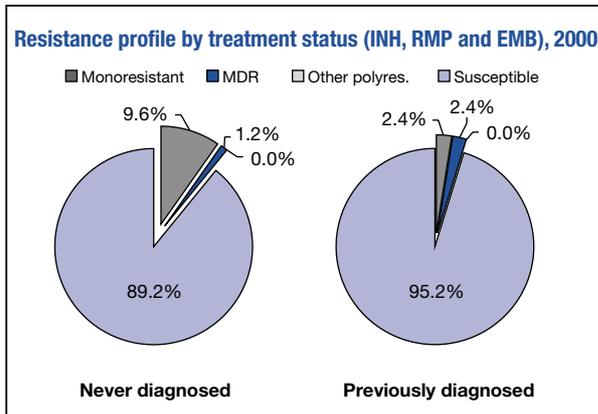
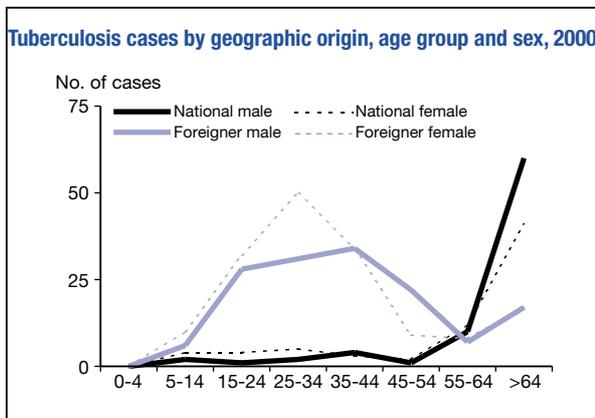
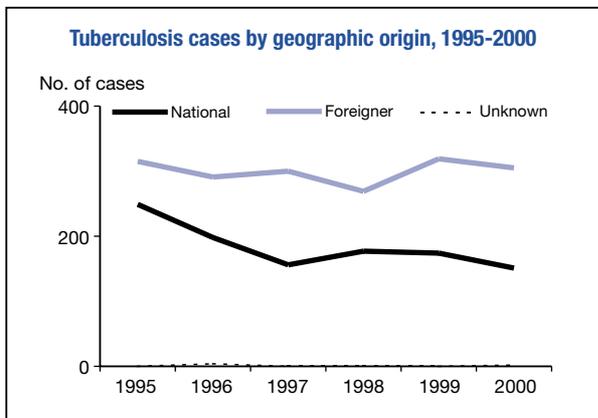
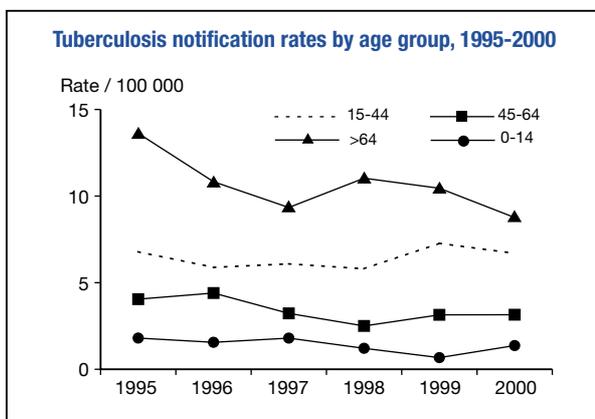
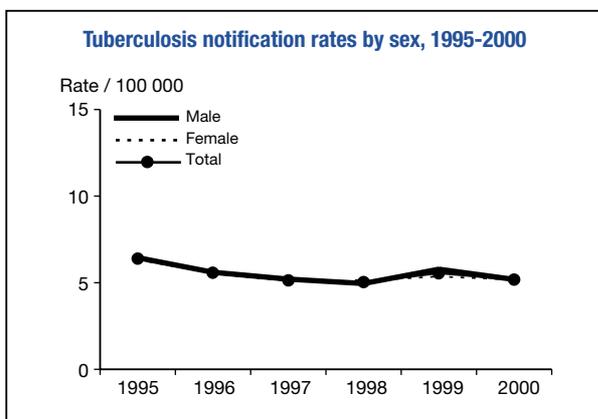
Type of data provided	Individual
Total number of cases	458
Notification rate per 100 000	5.2
Sex ratio (M:F)	1.0
Median age-group, nationals	> 64 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	305 (66.6%)
New (never treated)	403 (88.0%)
Culture positive	371 (81.0%)
Pulmonary	304 (66.4%)
of which sputum smear positive	128 (42.1%)

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	365 / 371 (98%)
Cases resistant to INH	37 (10.1%)
Cases resistant to RMP	5 (1.4%)
MDR cases	5 (1.4%)
Cases resistant to EMB	2 (0.5%)
Cases resistant to SM	- -

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Individual
Total number of cases	629
Notification rate per 100 000	8.8
Sex ratio (M:F)	1.3
Median age-group, nationals	> 64 years
Median age-group, non-nationals	25-34 years
Individuals born abroad	341 (54.2%)
New (never treated)	425 (67.6%)
Culture positive	494 (78.5%)
Pulmonary	477 (75.8%)
of which sputum smear positive	134 (28.1%)

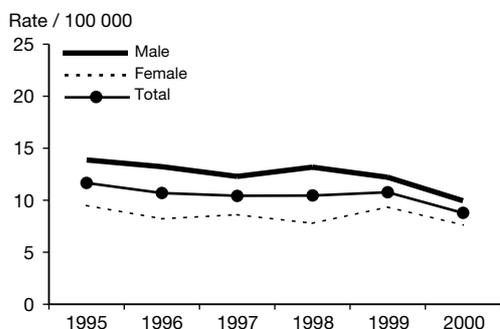
Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	492 / 494 (100%)
Cases resistant to INH	24 (4.9%)
Cases resistant to RMP	3 (0.6%)
MDR cases	2 (0.4%)
Cases resistant to EMB	0 (0.0%)
Cases resistant to SM	- -

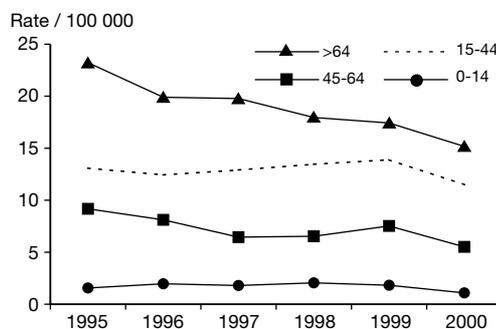
Treatment Outcome Monitoring, 1999

Not available

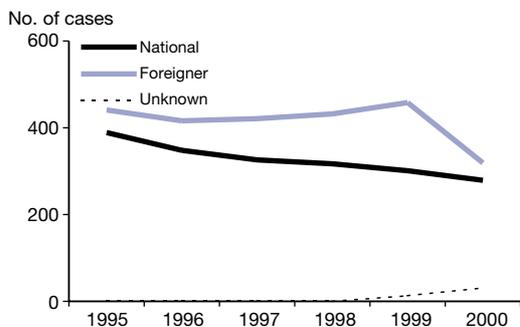
Tuberculosis notification rates by sex, 1995-2000



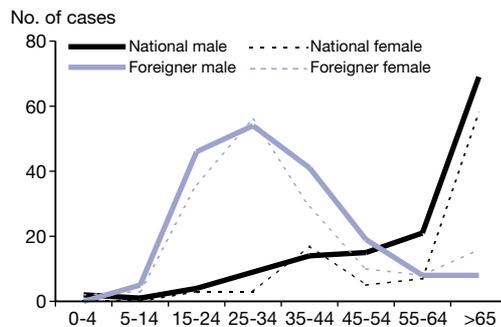
Tuberculosis notification rates by age group, 1995-2000



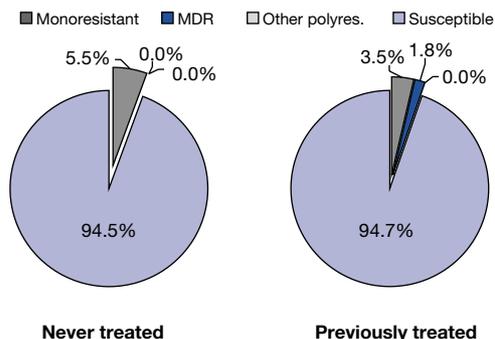
Tuberculosis cases by geographic origin, 1995-2000 (by citizenship)



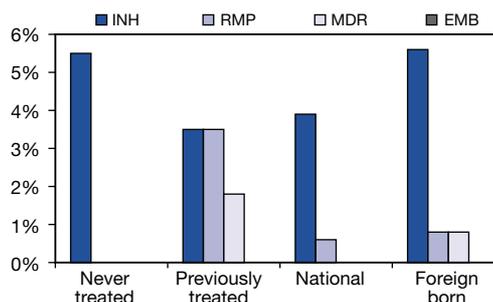
Tuberculosis cases by geographic origin, age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000



Resistance by treatment status and geographic origin, 2000



Tuberculosis case notifications, 2000

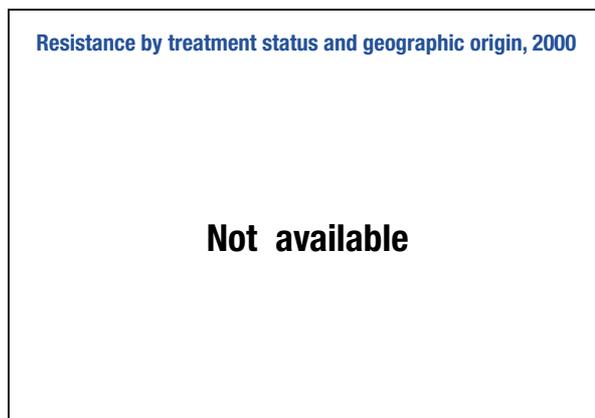
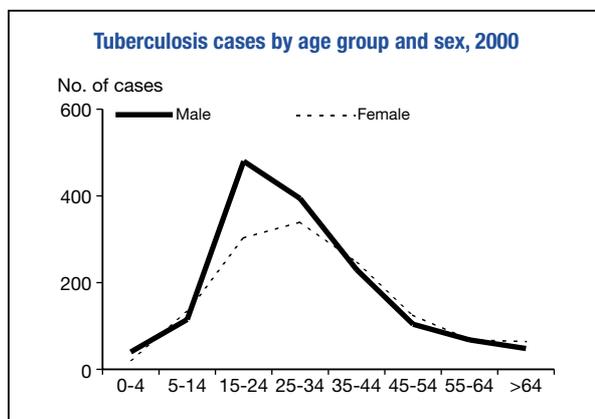
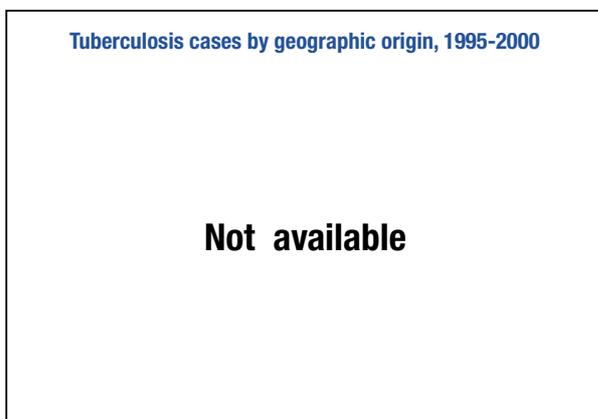
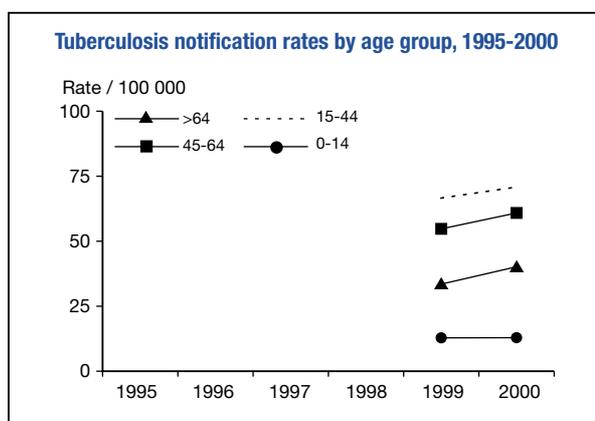
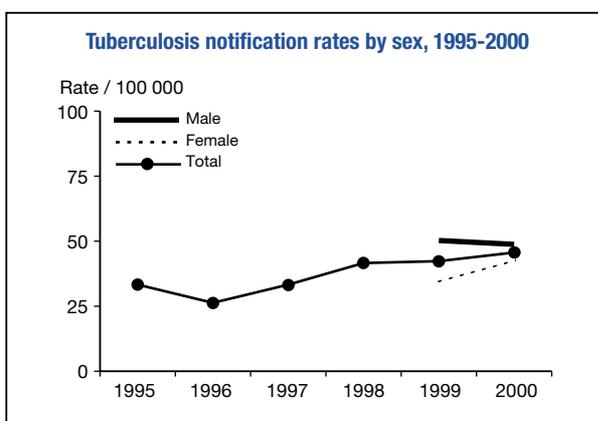
Type of data provided	Aggregate
Total number of cases	2 779
Notification rate per 100 000	45.7
Sex ratio (M:F)	1.1
Median age-group, nationals	-
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	- -
Culture positive	- -
Respiratory	2 352 (84.6%)
of which sputum smear positive	434 (18.5%)

Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	18 038
Notification rate per 100 000	27.1
Sex ratio (M:F)	-
Median age-group, nationals	-
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	- -
Culture positive	- -
Respiratory*	13 667 (75.8%)
of which sputum smear positive	5 123 (37.5%)

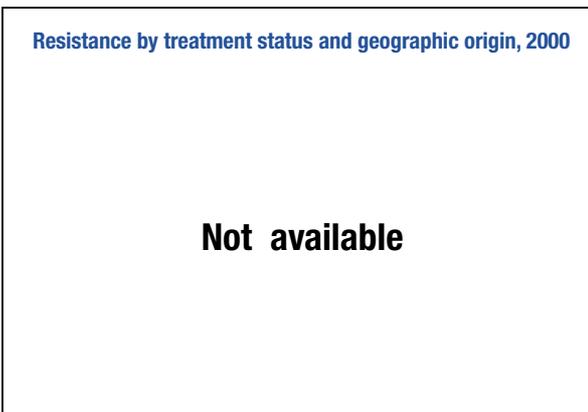
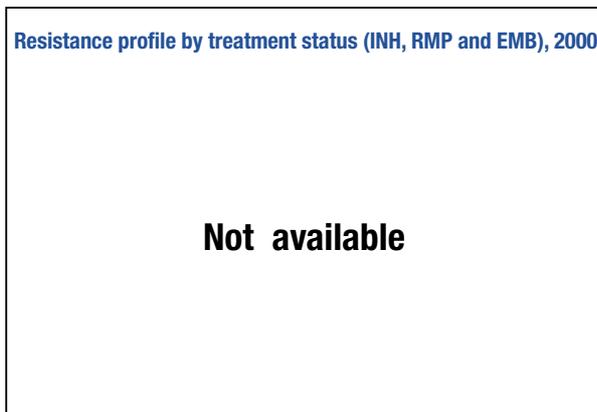
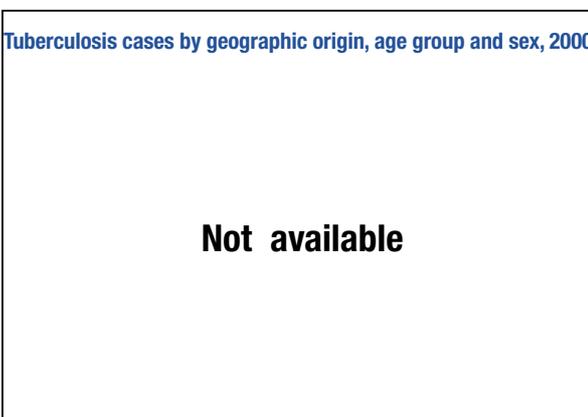
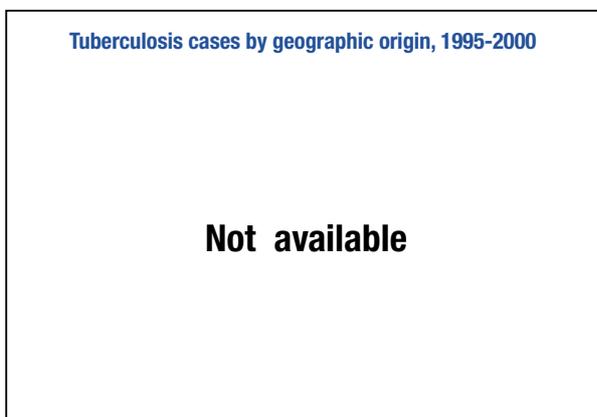
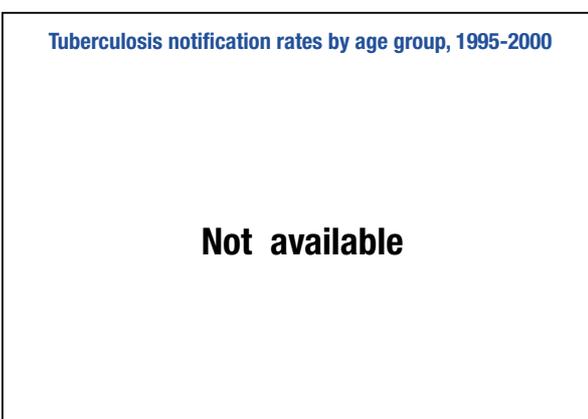
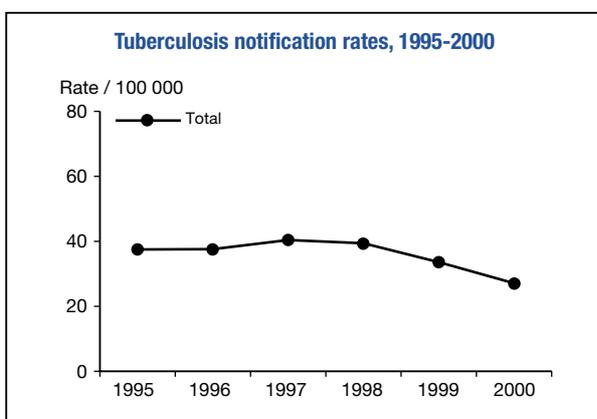
* 1999; not known to have changed in 2000

Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

Not available



Tuberculosis case notifications, 2000

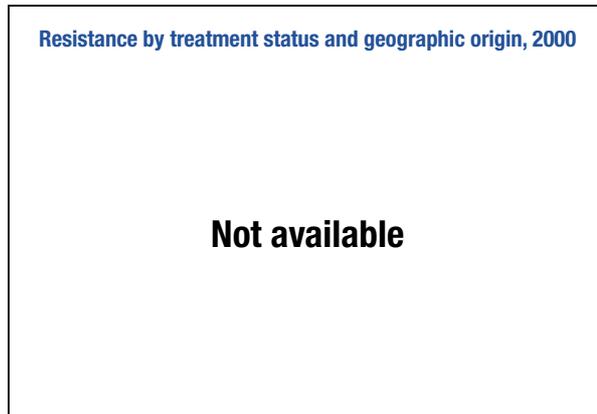
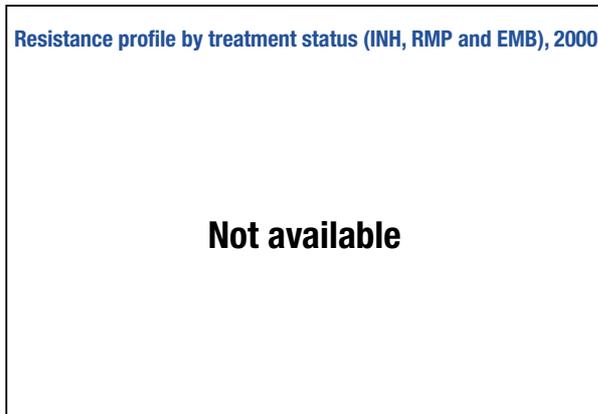
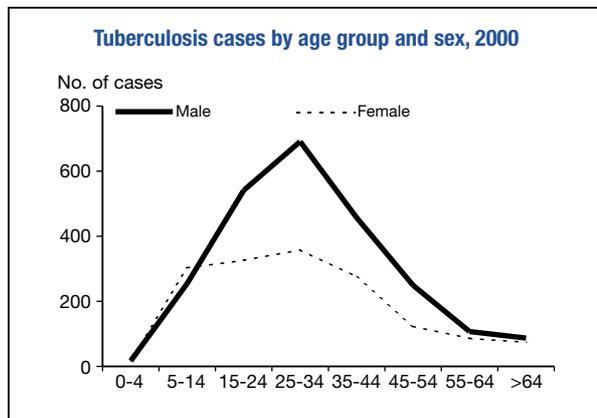
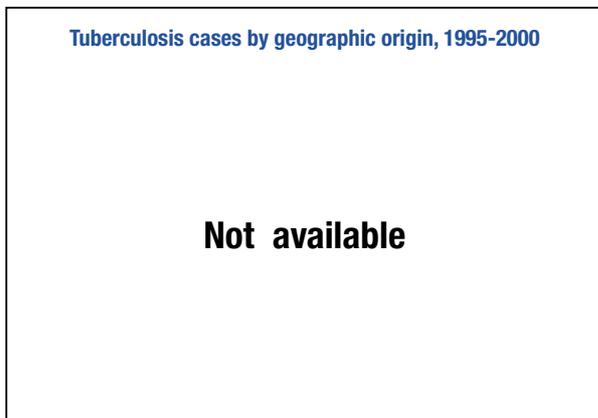
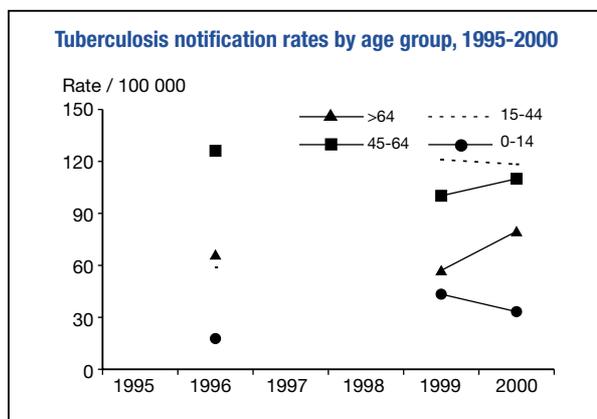
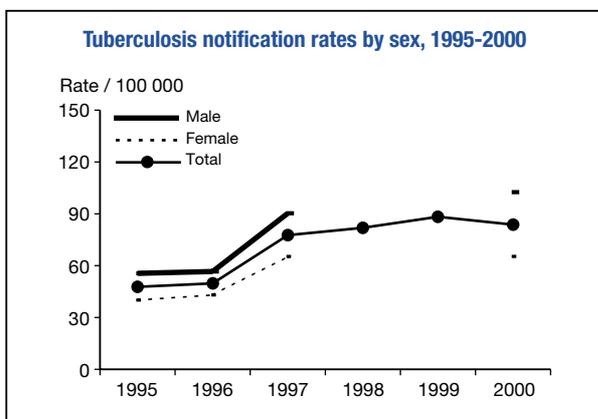
Type of data provided	Aggregate
Total number of cases	3 967
Notification rate per 100 000	83.7
Sex ratio (M:F)	1.5
Median age-group, nationals	25-34 years
Median age-group, non-nationals	-
Individuals born abroad	- -
New (never treated)	3 896 (98.2%)
Culture positive	1 975 (49.8%)
Respiratory	- -
of which sputum smear positive	- -

Drug Resistance Surveillance, 2000

Not available

Treatment Outcome Monitoring, 1999

Geographic coverage	National
Cohort	new sputum smear positive
Included in TOM cohort	964
Success	579 (60%)
Death	80 (8%)
Failure	207 (21%)
Default	0 (0%)
Transfer	98 (10%)
Other / unknown	0 (0%)



Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	32 963
Notification rate per 100 000	66.5
Sex ratio (M:F)*	2.5
Median age-group, nationals*	35-44 years
Median age-group, non-nationals	-
Individuals born abroad	-
New (never treated)	29 753 (90.3%)
Culture positive	-
Respiratory	31 206 (94.7%)
of which sputum smear positive	13 948 (44.7%)

* New cases only

Drug Resistance Surveillance, 1999

International proficiency testing	no
Geographic coverage	Kiev
Linkage with notification	no §
Cases with DST results	484
Cases resistant to INH	116 (24.0%)
Cases resistant to RMP	102 (21.1%)
MDR cases	86 (17.8%)
Cases resistant to EMB	10 (2.1%)
Cases resistant to SM	110 (22.7%)

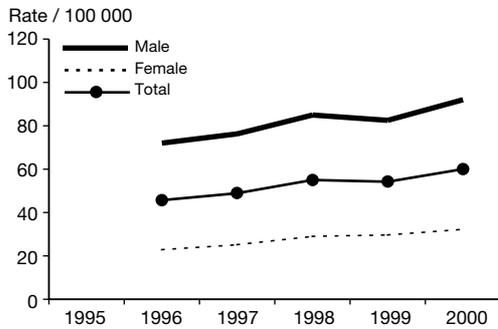
Culture and DST not routinely performed

§ Cases diagnosed at the NRL

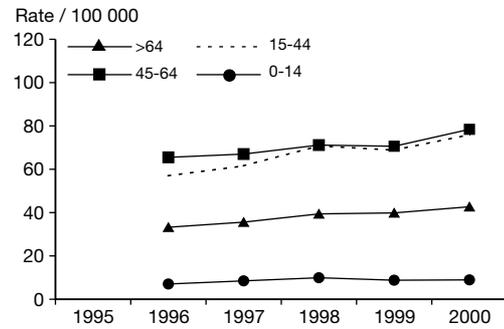
Treatment Outcome Monitoring, 1999

Not available

Tuberculosis notification rates by sex, 1995-2000*



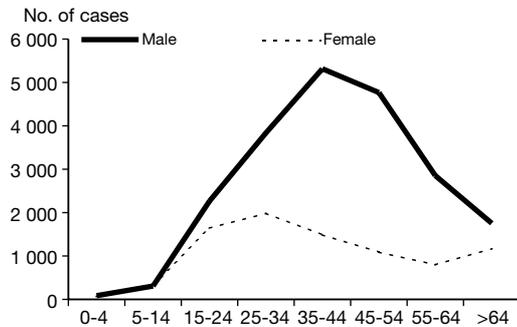
Tuberculosis notification rates by age group, 1995-2000*



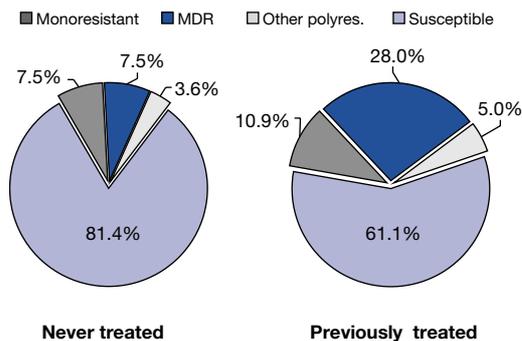
Tuberculosis cases by geographic origin, 1995-2000

Foreigners not included in TB notifications

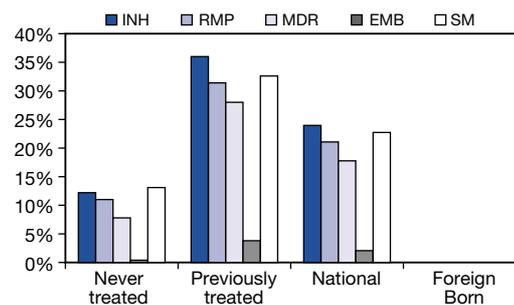
Tuberculosis cases by age group and sex, 2000*



Resistance profile by treatment status (INH, RMP and EMB), 1999



Resistance by treatment status and geographic origin, 1999



* New cases only

Tuberculosis case notifications, 2000

Type of data provided	Individual *
Total number of cases	6 792
Notification rate per 100 000	11.4
Sex ratio (M:F)	1.2
Median age-group, nationals	45-54 years
Median age-group, non-nationals	35-44 years
Individuals born abroad **	3 384 (49.8%)
New (never treated) *	4 923 (76.6%)
Culture positive	3 644 (54.6%)
Pulmonary *	3 691 (57.9%)
of which sputum smear positive *	1 406 (36.7%)

* Excluding Scotland

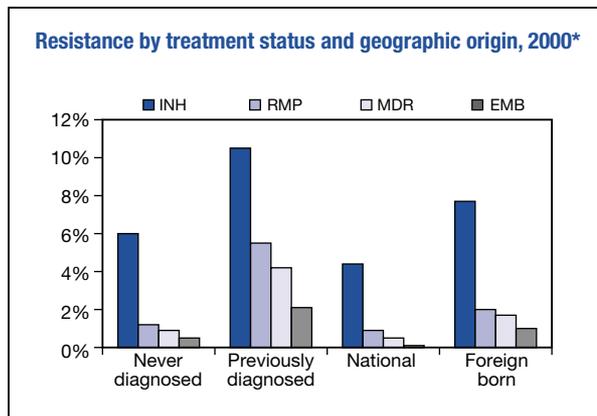
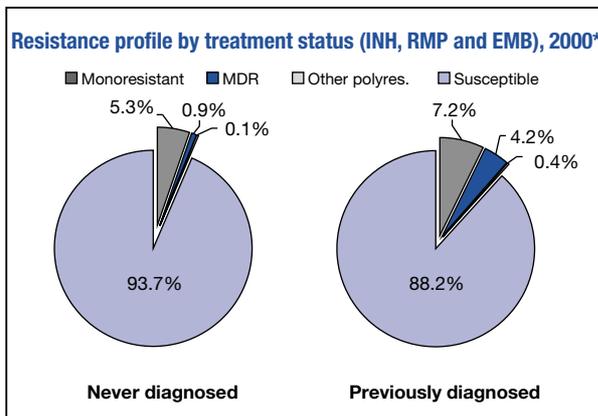
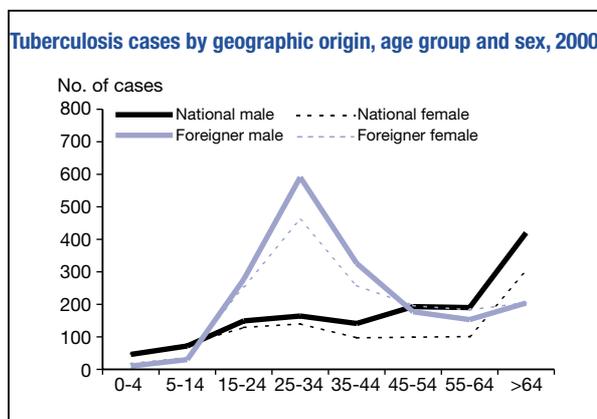
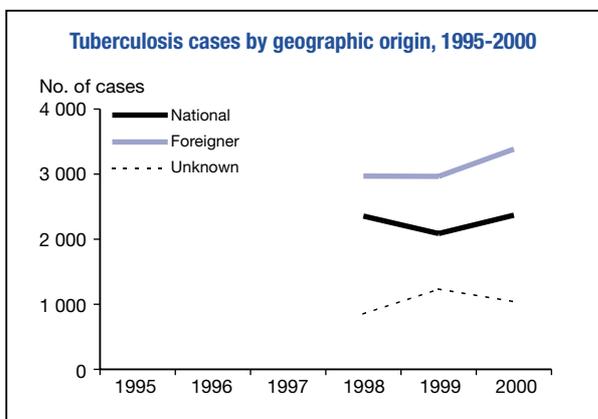
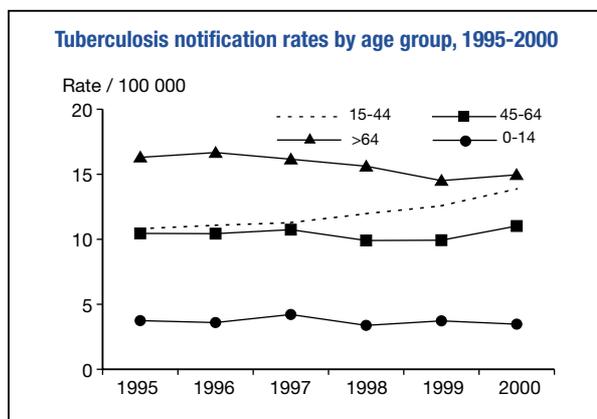
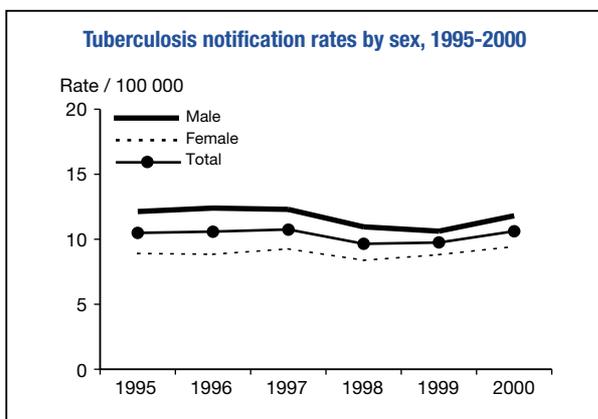
** 15% missing data

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	National
Linkage with notification	Yes
Cases with DST results	3 306 / 3 644 (91%)
Cases resistant to INH	203 (6.1%)
Cases resistant to RMP	48 (1.5%)
MDR cases	37 (1.1%)
Cases resistant to EMB	19 (0.6%)
Cases resistant to SM	- -

Treatment Outcome Monitoring, 1999

Not available



* Excluding Scotland

Tuberculosis case notifications, 2000

Type of data provided	Aggregate
Total number of cases	15 912
Notification rate per 100 000	64.0
Sex ratio (M:F)	1.4
Median age-group, nationals	25-34 years
Median age-group, non-nationals	-
Individuals born abroad	- -
New (never treated)	- -
Culture positive	- -
Respiratory	- -
of which sputum smear positive	- -

Drug Resistance Surveillance, 2000

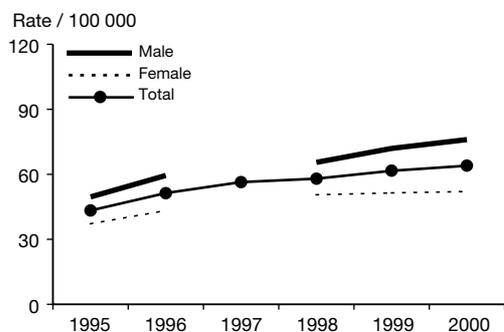
Not available

Treatment Outcome Monitoring, 1999

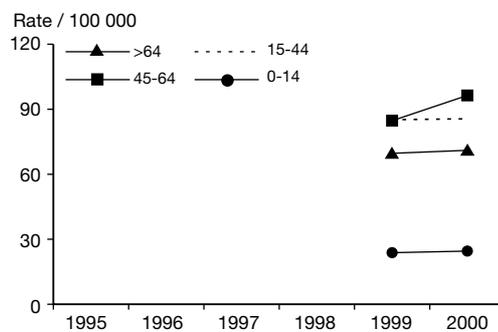
Geographic coverage	some areas §
Cohort	new sputum smear positive
Included in TOM cohort	135
Success	106 (79%)
Death	9 (7%)
Failure	10 (7%)
Default	9 (7%)
Transfer	1 (1%)
Other / unknown	0 (0%)

§ DOTS areas, representing 8% of sputum smear positive cases

Tuberculosis notification rates by sex, 1995-2000



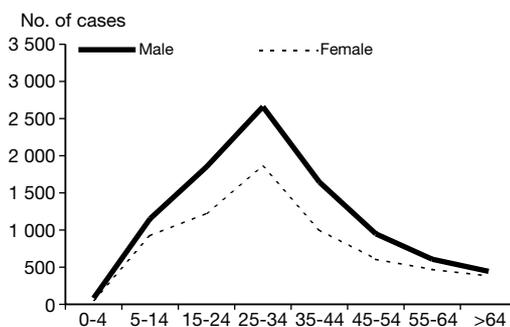
Tuberculosis notification rates by age group, 1995-2000



Tuberculosis cases by geographic origin, 1995-2000

Not available

Tuberculosis cases by age group and sex, 2000



Resistance profile by treatment status (INH, RMP and EMB), 2000

Not available

Resistance by treatment status and geographic origin, 2000

Not available

Tuberculosis case notifications *, 2000

Type of data provided	Aggregate
Total number of cases	2 922
Notification rate per 100 000	34.7
Sex ratio (M:F)	1.6
Median age-group, nationals	45-54 years
Median age-group, non-nationals	-
Foreign born / citizens	- -
New (never treated)	2 661 (91.1%)
Culture positive	1 765 (60.4%)
Respiratory	2 736 (93.6%)
of which sputum smear positive	- -

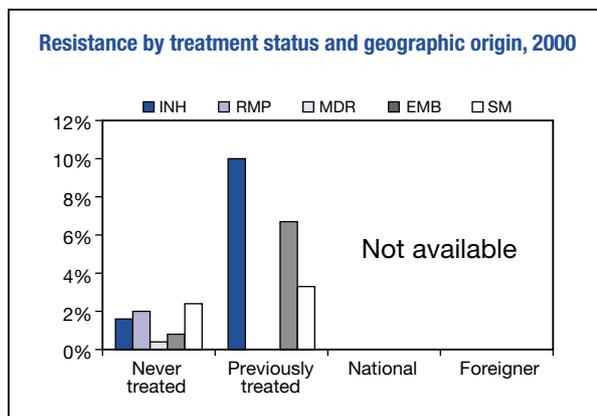
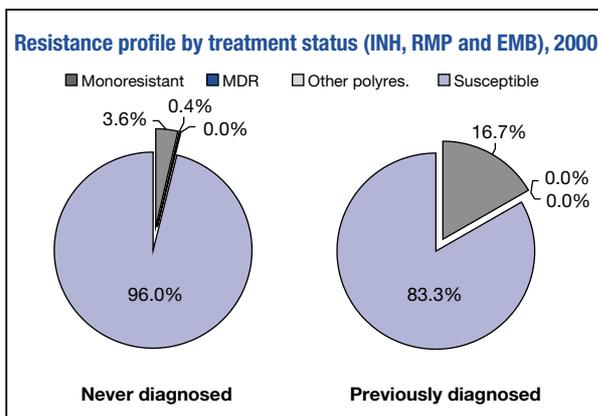
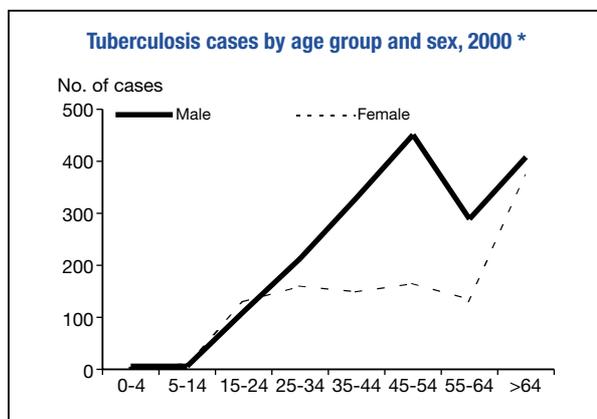
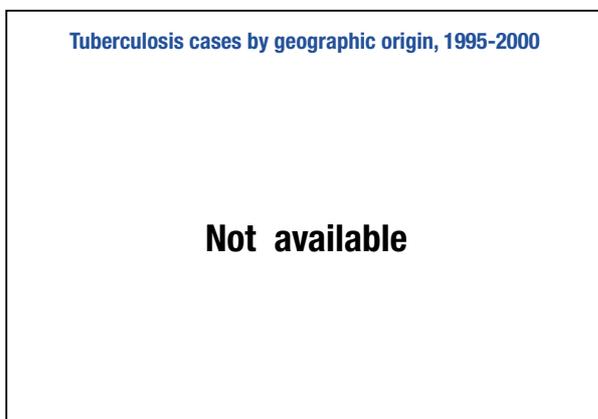
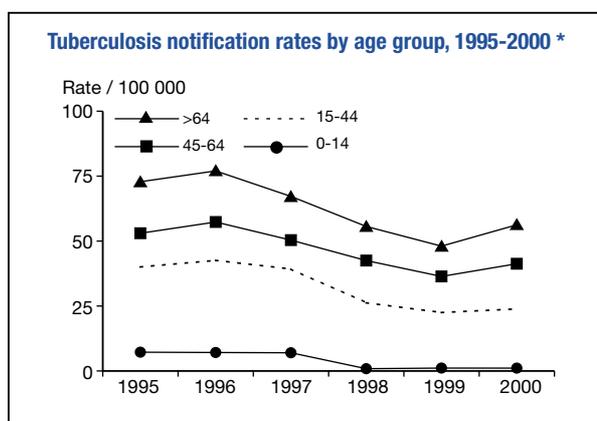
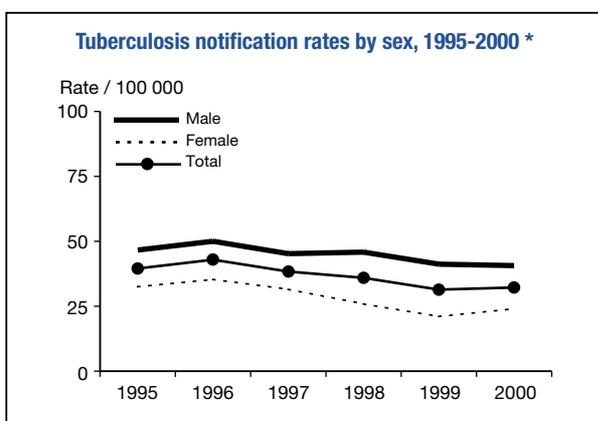
* Without Kosovo

Drug Resistance Surveillance, 2000

International proficiency testing	Yes
Geographic coverage	Belgrade region
Linkage with notification	Yes
Cases with DST results	279 / 279 (100%)
Cases resistant to INH	7 (2.5%)
Cases resistant to RMP	5 (1.8%)
MDR cases	1 (0.4%)
Cases resistant to EMB	4 (1.4%)
Cases resistant to SM	7 (2.5%)

Treatment Outcome Monitoring, 1999

Not available



* Excluding Kosovo for 1998-2000

