

Turkey

Population estimate 2012 by UN Statistical Database: 73 997 128

Tuberculosis case notifications, 2012

| | |
|-----------------------------------------------------|--------------------------------|
| Total number of cases | 14 691 |
| Notification rate per 100 000 | 19.9 |
| New & relapses (lab+) number | 14 139 |
| New & relapses (lab+) notification rate per 100 000 | 19.1 |
| Pulmonary of which smear-positive | 9 391 (63.9%) 5 277 (56.2%) |
| Laboratory-confirmed TB cases | 7 533 (51.3%) |
| Mean age of new TB cases | 37.1 years |
| Foreign-born of all TB cases | 261 (1.8%) |
| New (not previously treated) | 13 535 (92.1%) |

Drug resistance surveillance & TB-HIV co-infection, 2012

| | |
|----------------------------------|------------------------|
| Completeness of DRS data* | Yes |
| Completeness of HIV data** | Yes |
| Case-linked data reporting | No |
| Cases with DST results | 5 383 (99.7%) |
| Cases resistant to isoniazid | 829 (15.4%) |
| Cases resistant to rifampicin | 357 (6.6%) |
| Estimated MDR N, (best-low-high) | 520-460-580 |
| MDR cases of which XDR cases | 291 (5.4%) 6 (2.1%) |
| Cases resistant to ethambutol | - |
| Cases resistant to streptomycin | - |
| TB cases tested for HIV | 8 646 (58.9%) |
| HIV-positive TB cases | 45 (0.5%) |

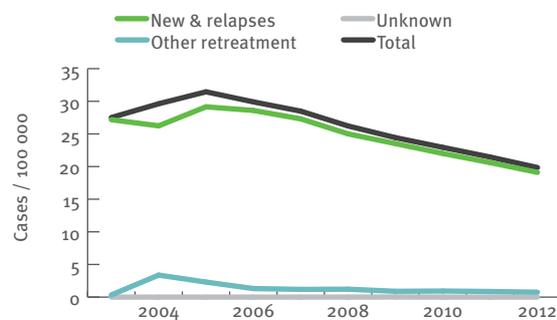
* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%
** More than 50% of TB cases tested for HIV.

Treatment outcome monitoring

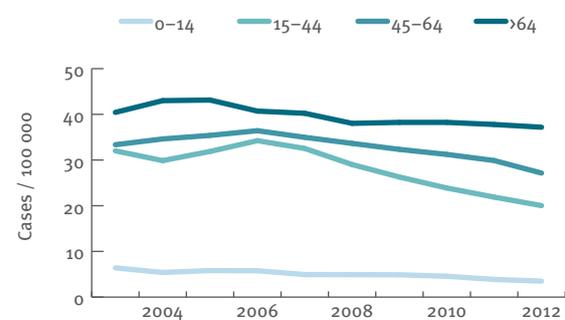
| | | | | |
|----------------------------|---------------------------------------------------------------|-------------|-------------------------------------|--|
| Geographical coverage | National | | | |
| Outcome cohort | New laboratory confirmed pulmonary TB cases notified in 2011* | | All MDR TB cases notified in 2010** | |
| Case-linked data reporting | No | | | |
| Notified in 2010 | 4 927 | | 250 | |
| Success | 4 457 (90.5%) | 168 (67.2%) | | |
| Died | 162 (3.3%) | 20 (8.0%) | | |
| Failed | 39 (0.8%) | 10 (4.0%) | | |
| Defaulted | 127 (2.6%) | 15 (6.0%) | | |
| Lost to follow up | 142 (2.9%) | 37 (14.8%) | | |

* Treatment outcome as presented is treatment outcome after 12 months.
** Treatment outcome as presented is treatment outcome after 24 months.

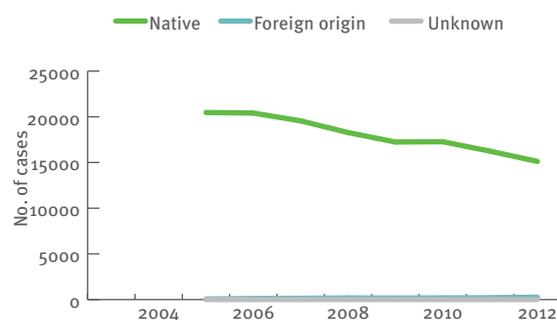
Tuberculosis notification rates by treatment history, 2003–2012



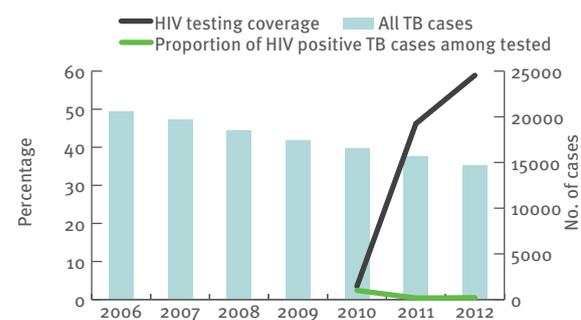
New TB cases - notification rates by age group, 2003–2012



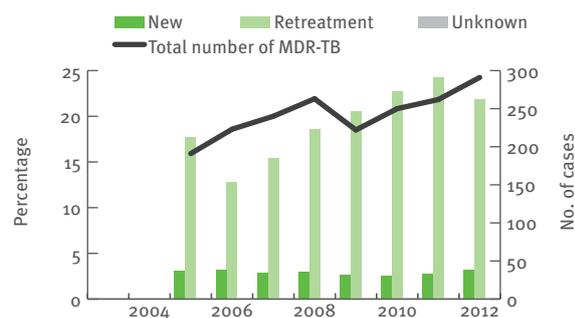
Tuberculosis cases by geographical origin, 2003–2012



TB-HIV co-infection, 2006–2012



MDR-TB cases by previous treatment history, 2003–2012



Treatment outcome, new pulmonary culture-positive cases, 2002–2011

