

THE IMPACT OF MDR-TB

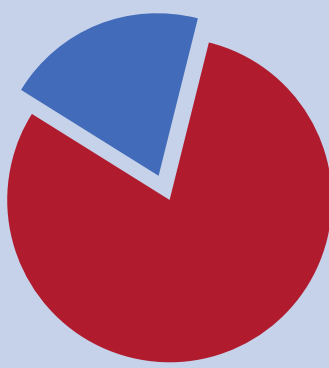
MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB) IS A FORM OF THE DISEASE THAT IS RESISTANT TO AT LEAST TWO OF THE MOST COMMON TB TREATMENTS.¹



GLOBALLY, DETECTION AND TREATMENT OF MDR-TB IS LOW

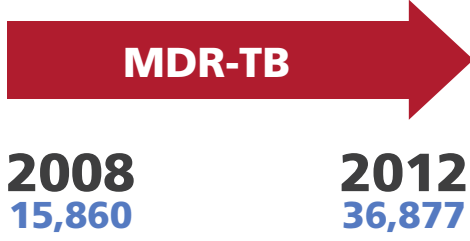
<20% OF NEW CASES REPORTED TO WHO¹

450,000
ESTIMATED
NEW
CASES
OF MDR-TB IN 2012¹



EUROPE AT-A-GLANCE
Includes WHO European Region

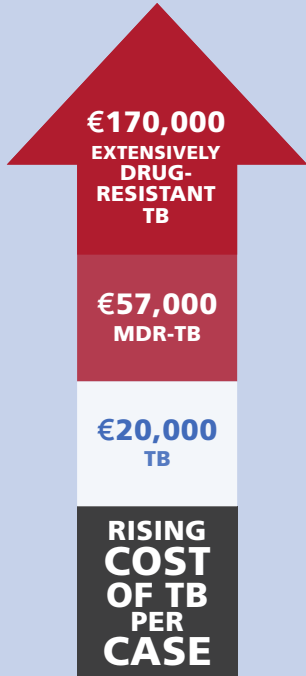
CASES OF TB DECLINING,
DRUG
RESISTANCE
ON THE
RISE²



Surveillance data includes total cases of TB and MDR-TB from 53 countries of the World Health Organization (WHO) European Region.



ECONOMIC
BURDEN
INCREASES
WITH RESISTANCE³



FACTORS IMPACTING COST OF CARE³:



MEDICAL CARE
DIAGNOSTICS, MEDICATION,
OUT-PATIENT VISITS,
HOSPITALIZATION

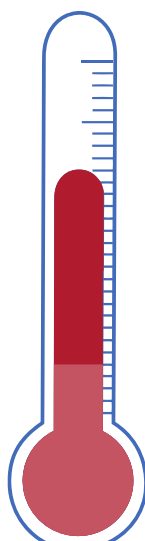


LOSS OF PRODUCTIVITY
INABILITY TO WORK DUE
TO SICKNESS

Includes data from the original EU-15 states, as well as Cyprus, Malta and Slovenia.

LESS THAN
HALF
OF MDR-TB CASES ARE
SUCCESSFULLY
TREATED⁴

EU Surveillance data from 27 WHO EU/ European Economic Area countries.



70% SUCCESS
2012 EU/EEA ACTION
PLAN TARGET

48.2%
NEW MDR-TB
CASES SUCCESSFULLY
TREATED BETWEEN
2007 AND 2012

21.4%
SUCCESS LOWER
AMONG PREVIOUSLY
TREATED MDR CASES
DURING THE SAME
PERIOD

¹ World Health Organization. Multidrug-resistant tuberculosis (MDR-TB) October 2013 Update. Accessed 28 March 2014. http://www.who.int/tb/challenges/mdr/mdr_tb_factsheet.pdf?ua=1
² World Health Organization. Maps: Indicators of diagnosis, notification and treatment of drug-resistant TB. Accessed 28 March 2014 https://extranet.who.int/sree/Reports?op=vs&path=WHO_HQ_Reports/G2/PROD/EXT/MDR_TB_Indicators_charts
³ Diel, R. Cost of tuberculosis disease in the EU – a systemic analysis and cost calculation. ERJ Express. Published August 15, 2013.
⁴ European Centre for Disease Prevention and Control. Surveillance and Outbreak Reports: Drug resistance among tuberculosis cases in the European Union and European Economic Area, 2007-2012. PDF accessed online on 25 March 2014. <http://www.eurosurveillance.org/images/dynamic/EEV19N10/art20733.pdf>
 All information current as of April 2014