

# #EndTB Webinar

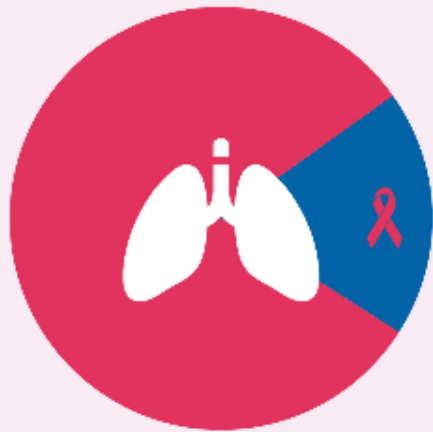
**From Policy to Practice:  
Rolling out new WHO guidelines  
on rapid diagnostics and  
drug-resistant TB treatment**

Thursday, 9 July 2020  
13:30-15:00 CET Geneva

**Dr Tereza Kasaeva,**  
Director,  
WHO Global TB Programme



# Global TB Situation



IN 2018

**1.5 MILLION\***  
**PEOPLE DIED**  
**FROM TB**

INCLUDING  
251 000 PEOPLE  
WITH HIV

TB is the leading killer of people with HIV and  
a major cause of deaths related to antimicrobial resistance

\*The 95% uncertainty intervals are 1.4-1.6 million for TB deaths and 223 000 - 281 000 for TB/HIV deaths.

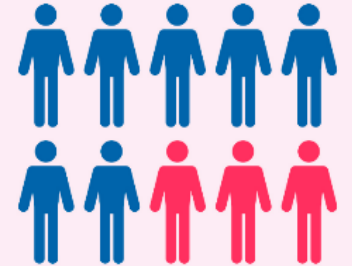


**World Health  
Organization**

IN 2018, AN ESTIMATED  
**10 MILLION PEOPLE FELL ILL WITH TB\***

7 MILLION PEOPLE REPORTED  
TO HAVE ACCESS TO TB CARE, UP  
FROM 6.4 MILLION IN 2017

3 MILLION WERE  
UNDIAGNOSED  
OR NOT REPORTED



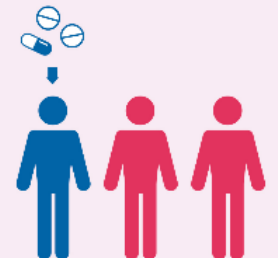
Better reporting, diagnosis and access to care will close this gap

\*The 95% uncertainty interval for TB incidence is 9.0-11.1 million.

IN 2018

**ABOUT 0.5 MILLION**  
**PEOPLE FELL ILL WITH**  
**DRUG-RESISTANT TB\***

ONLY **ONE IN THREE**  
**PEOPLE ACCESSED**  
**TREATMENT**



OF THOSE TREATED, ONLY  
**56% WERE TREATED SUCCESSFULLY**

\*The 95% uncertainty interval for the incidence of rifampicin-resistant TB is 420 000 - 560 000.  
About 80% of these cases had multidrug-resistant TB.

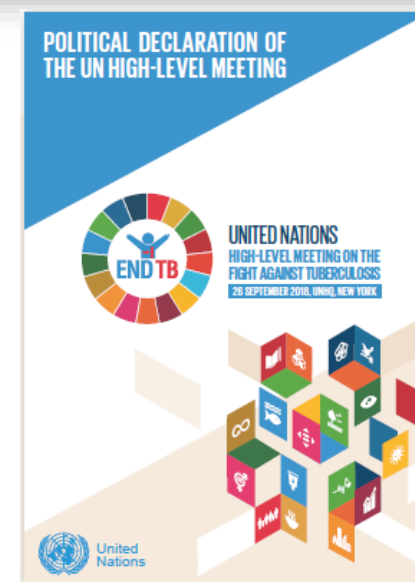
# High level commitments



2015



2017



2018



# Covid-19 pandemic

## **PROGRESS AT RISK**

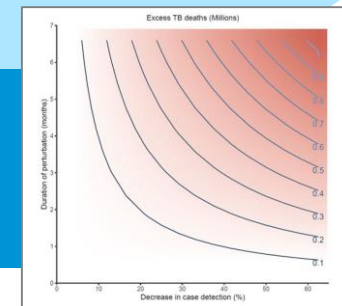


World Health  
Organization



# WHO modelling and analysis

## COVID-19 impact estimated on TB mortality



COVID-19 has killed hundreds of thousands of people around the world.

20 May 2020

The estimated additional TB deaths are in excess of an expected 1.47 million TB deaths that would have been predicted in the absence of the Covid-19 pandemic, based on recent trends prior to 2020.

- For example, **if global TB case detection decreases by an average 25% over a period of 3 months** (as compared to the level of detection before the pandemic), **an additional 190 000 TB deaths are predicted (a 13% increase)**, bringing the total to **1.66 million TB deaths in 2020**, near the global level of TB mortality of the year 2015, a serious setback in the progress towards the End TB strategy milestones and targets.
- **If case detection drops by 50%** over a period of 3 months, the number of TB deaths, **1.85 million (a 26% increase)**, would be back to the level of 2012.

**Consistent with Stop TB/Imperial College Model**



# WHO Survey: COVID-19 and National TB Programmes

## Summary of Findings across over 200 countries and six WHO Regions

### ACTIONS TO ENSURE CONTINUITY OF ESSENTIAL TB SERVICES BASED ON WHO RECOMMENDATIONS

There is reduced frequency of outpatient visits to health facilities in favour of home-based care in:

- **79 countries** for people with drug-susceptible TB and;
- **61 countries** for people with drug-resistant TB.



Countries are adapting and innovating. In:

- **64 countries** people with TB were given more drugs to take home (enough for 1 month+);
- **38 countries** drugs were delivered to the patient's home.

**58 countries** are expanding remote advice and support to TB patients.

### CONTRIBUTION TO COVID-19 RESPONSE

National TB Programmes are contributing to the COVID-19 response. In:

- **24 countries** molecular diagnostic machines are being used to test for both TB and COVID-19;
- **42 countries** national TB staff are engaged in fighting COVID-19;
- **33 countries** TB funding leveraged for COVID-19 response.



World Health  
Organization



Has there been any reallocation of resources  
from TB services to COVID-19 testing and treatment?

No/DNK
  Yes
  NA

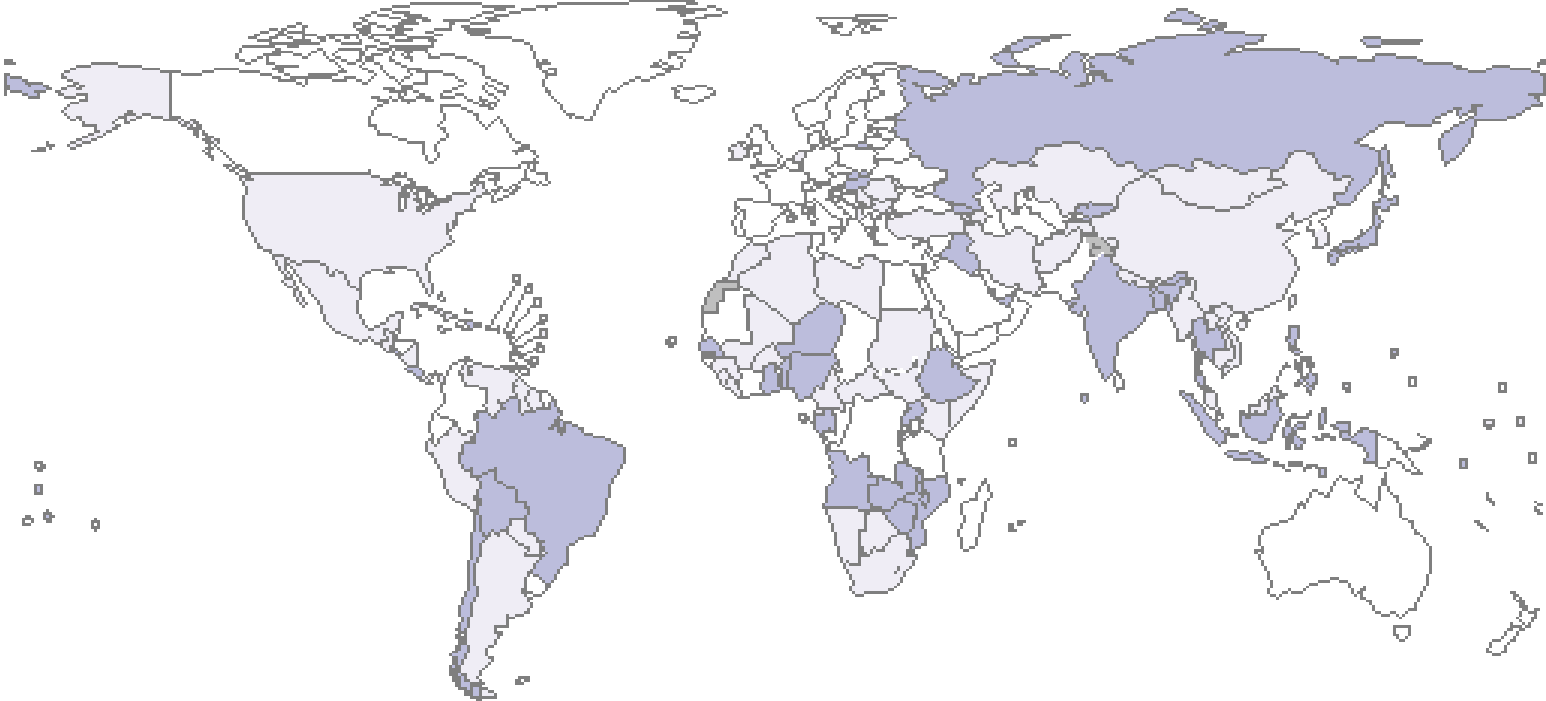


[white=no data] Data as on 2020-06-18

	AFR	AMR	EMR	EUR	SEA	WPR	Total
No	15	16	10	17	2	8	68
Yes	28	21	10	16	9	20	104
<b>Total</b>	<b>43</b>	<b>37</b>	<b>20</b>	<b>33</b>	<b>11</b>	<b>28</b>	<b>172</b>

## Have GeneXpert machines been reassigned from TB diagnosis to COVID-19?

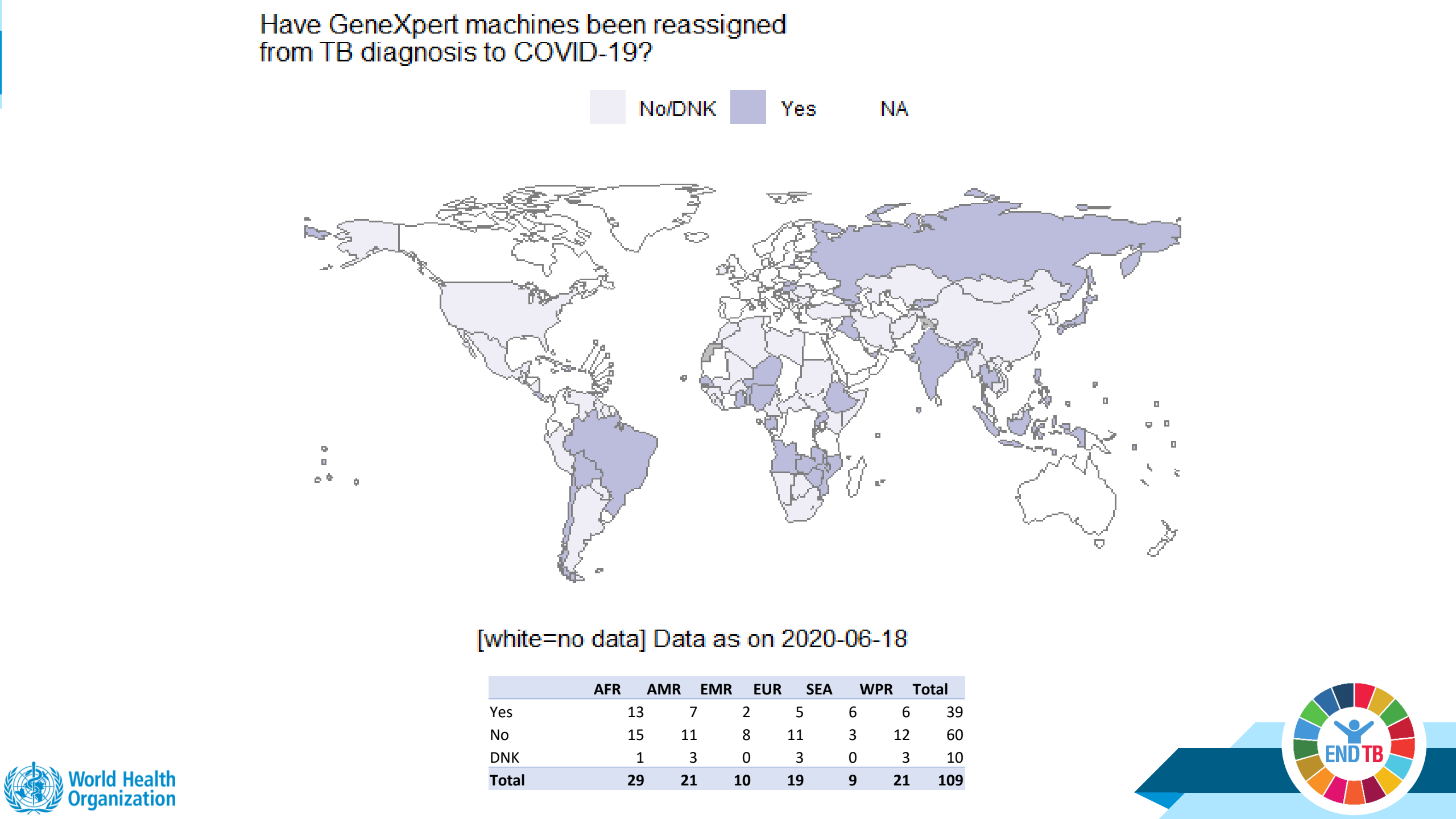
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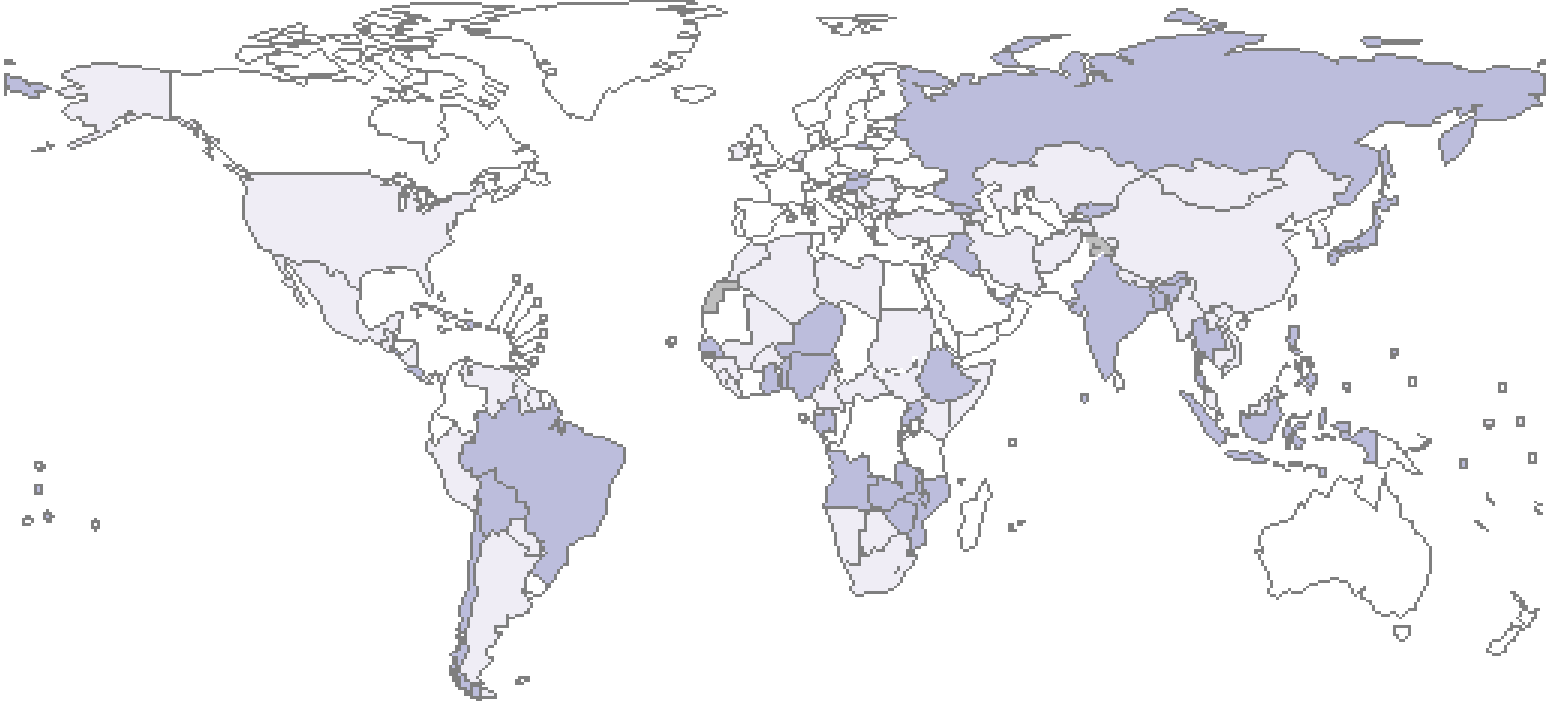
	AFR	AMR	EMR	EUR	SEA	WPR	Total
Yes	13	7	2	5	6	6	39
No	15	11	8	11	3	12	60
DNK	1	3	0	3	0	3	10
<b>Total</b>	<b>29</b>	<b>21</b>	<b>10</b>	<b>19</b>	<b>9</b>	<b>21</b>	<b>109</b>

World Health Organization logo and END TB logo.



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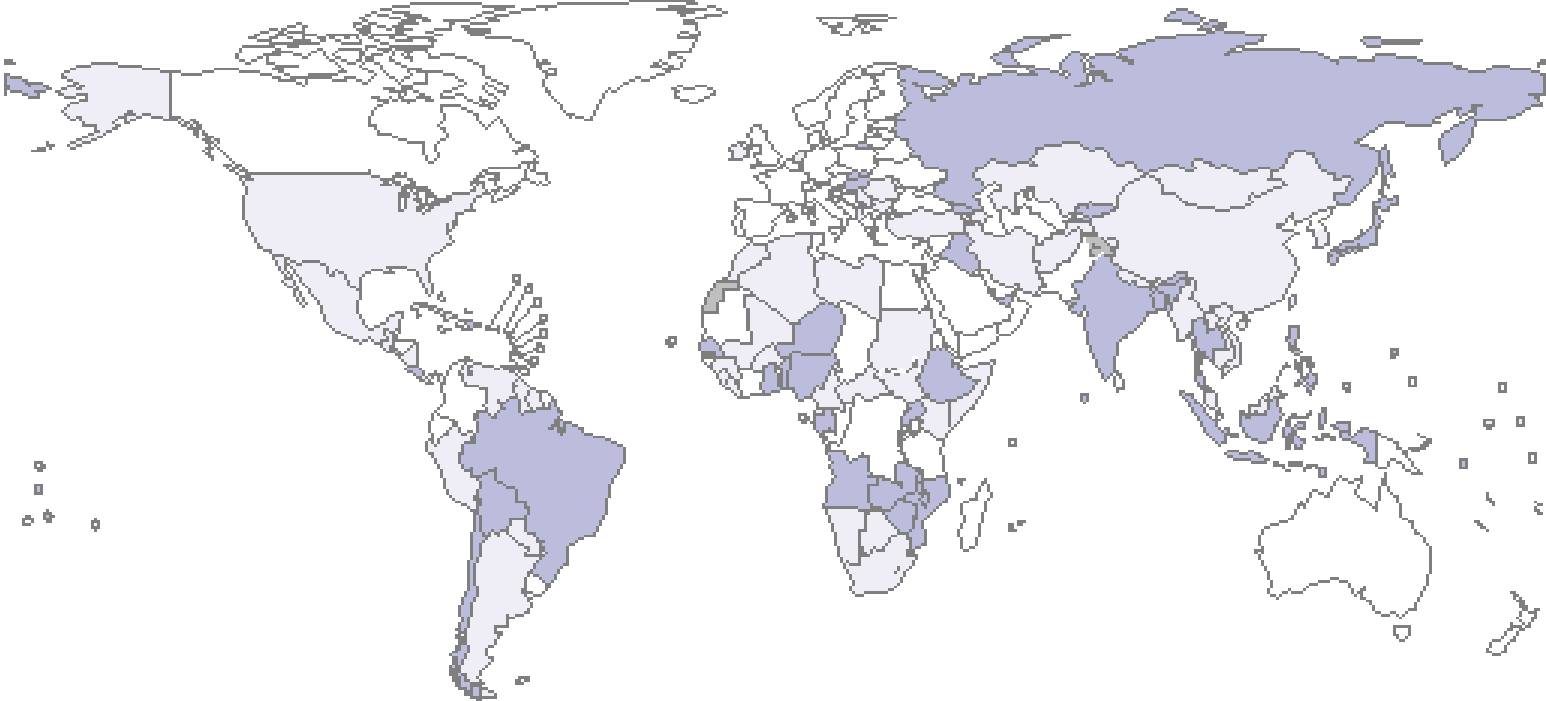
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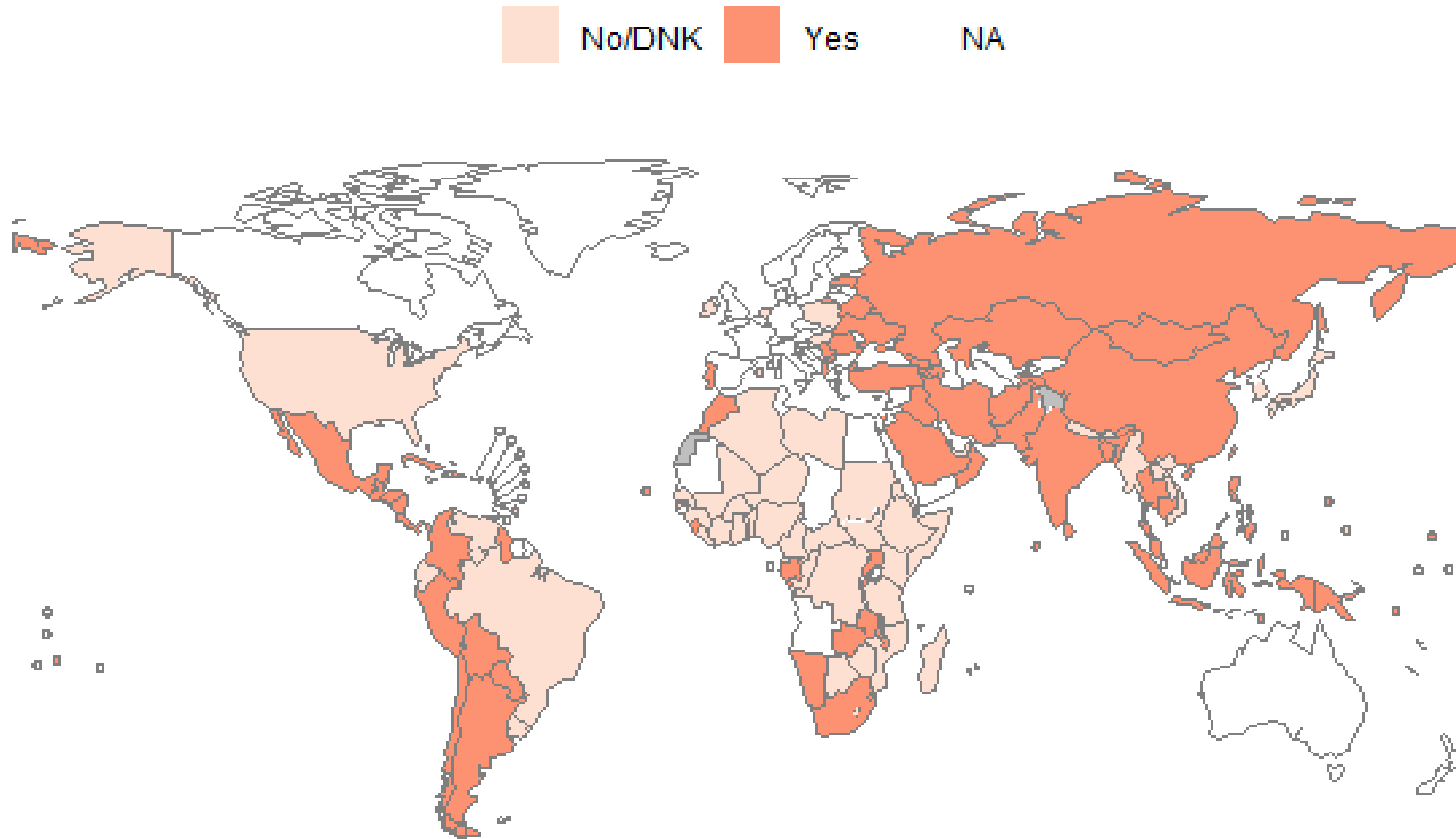


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World Health Organization logo and END TB logo.

# Are TB medicines being delivered home to patients?



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	AFR	AMR	EMR	EUR	SEA	WPR	Total
Yes	9	19	9	15	7	13	72
No	25	8	5	2	3	6	49
DNK	3	1	0	4	0	1	9
Total	37	28	14	21	10	20	130

# Have TB patients been asked to self-isolate at home?

No/DNK Yes NA



[white=no data] Data as on 2020-06-18

	AFR	AMR	EMR	EUR	SEA	WPR	Total
Yes	21	20	14	19	3	13	90
No	23	17	6	15	8	16	85
Total	44	37	20	34	11	29	175

# WHO Timeline of COVID/TB actions



World Health  
Organization

31 Dec 2019

WHO COVID-19 response timeline

June 2020

WHO Global TB Programme actions to address TB and COVID-19 with partners and civil society

January onwards

Regular information exchange with WHO Regional Offices to monitor impact of COVID-19 on TB services

20 March

Launch of TB and COVID information note

24 March

WHO World TB Day Online talk show and joint virtual townhall with Stop TB on TB and COVID. Launch of TB preventive treatment guidelines and operational guide.

4 April

Updated information note on TB & COVID with clinical considerations

12 April

Scientific Brief: BCG vaccination & COVID-19

April

WHO modelling on impact of COVID-19 on TB mortality

5 May

Interim guidance: Community-based health care, including outreach and campaigns, in the context of COVID-19

May-June

Ongoing data collation and analysis from 200 countries of COVID 19 impact on TB services

1 June

Operational Guidance: Maintaining essential health services in the COVID-19 context

June

Compendium of TB/COVID 19 studies and research

Close engagement with Global Fund, Stop TB, USAID and WHO Civil Society Taskforce on TB to support countries

April- July: Multisectoral Accountability Framework checklist launched, release and dissemination of new guidelines on TB preventive treatment, rapid diagnostics, and MDR-TB treatment, and ongoing preparations of UN Secretary General 2020 Progress Report

# Key guidance, tools and collation of patient stories on TB and COVID-19

Maintaining essential health services:  
operational guidance for the  
COVID-19 context

Interim guidance  
1 June 2020



Community-based health care,  
including outreach and campaigns,  
in the context of the COVID-19 pandemic

Interim guidance  
May 2020



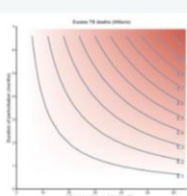
## JOINING FORCES IN THE FIGHT AGAINST TB AND COVID-19

Message from Dr Tereza Kasaeva  
Director, WHO Global TB Programme

Dear colleagues, partners and friends,

The current COVID-19 pandemic has brought new challenges to those most vulnerable to tuberculosis (TB). Those most vulnerable to TB are those who are already living with TB, those who are most vulnerable to TB, and those who are most vulnerable to TB. The current COVID-19 pandemic has brought new challenges to those most vulnerable to tuberculosis (TB). Those most vulnerable to TB are those who are already living with TB, those who are most vulnerable to TB, and those who are most vulnerable to TB.

## WHO MODELLING AND ANALYSIS: Predicted impact of the COVID-19 pandemic on global TB deaths in 2020



WHO has released results of modelling work undertaken on the predicted short-term impact of the COVID-19 pandemic on TB deaths in 2020. Results indicate that TB mortality will significantly increase in 2020 and will primarily affect the most vulnerable TB patients. If global TB case detection decreases by an average 25% over a period of 3 months (as compared to the level of detection before the pandemic), an additional 190 000 TB deaths are predicted (a 13% increase), bringing the total to 1.66 million TB deaths in 2020. This number is near the global level of TB mortality of the year 2015, a serious setback in the progress towards the targets of the UN High-Level Meeting on TB and WHO End TB Strategy. [Read the analysis](#)



## GLOBAL TB PROGRAMME NewsFlash

Updated WHO Information Note:  
Ensuring continuity of TB services during the  
COVID-19 pandemic

2020 | GENEVA The World Health Organization (WHO) Global TB Programme, along with national and country offices, has developed an [information note](#), in collaboration with national TB centres and health personnel to urgently maintain essential services for people affected with the COVID-19 pandemic, driven by innovative and adapted approaches, as well as maximizing joint efforts to tackle both diseases. It is important that the gains made in TB prevention and care is not reversed by the COVID-19 pandemic. Finding and treating people with TB remain the fundamental pillars of TB prevention and care and those would require maintained attention. [Read note for additional details on clinical management](#)



## GLOBAL TB PROGRAMME NewsFlash

Promoting research on the interlinkages between  
COVID-19 and tuberculosis

05 June 2020 | Geneva The World Health Organization (WHO) Global TB Programme is pleased to share a [compendium of key resources](#) to facilitate knowledge sharing and promote research on the interlinkages between tuberculosis (TB) and COVID-19. Given similar disease presentation between TB and COVID-19, and the adverse impact of this pandemic on TB services and health outcomes, knowledge sharing is important for a timely response to the dual threat of COVID-19 and TB.

"This compendium will be an important resource for implementers, researchers, funders, civil society and

#ThanksHealthHeroes  
The caretaker buddy: Peer-to-peer support for TB  
patients  
Xu Xing-hua (Yunnan, China)



## Scientific brief



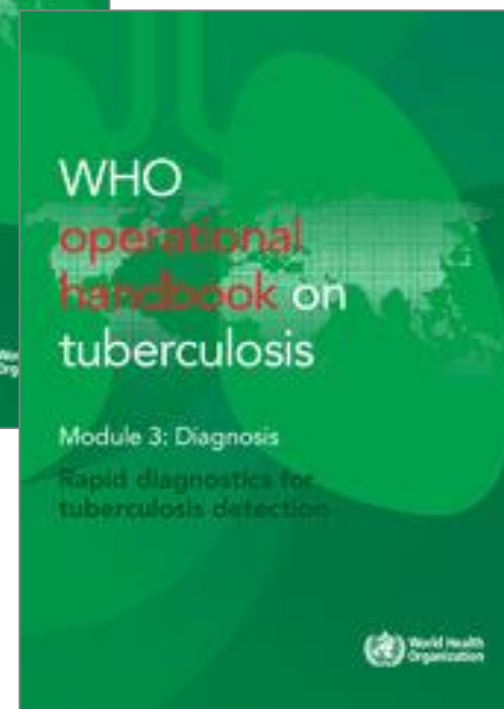
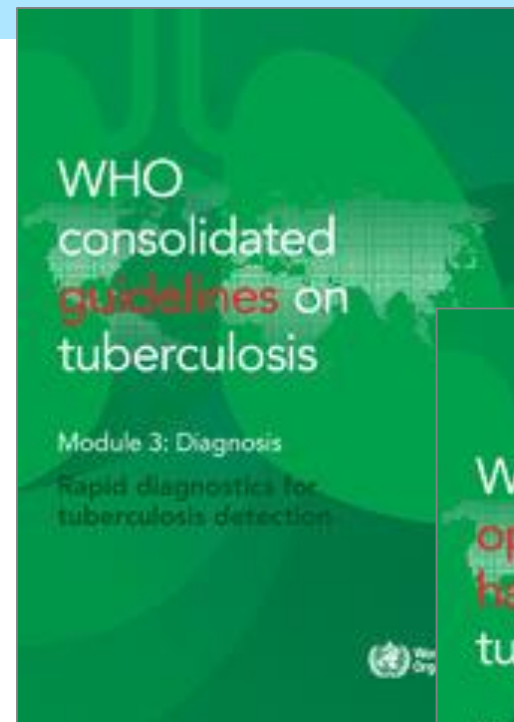
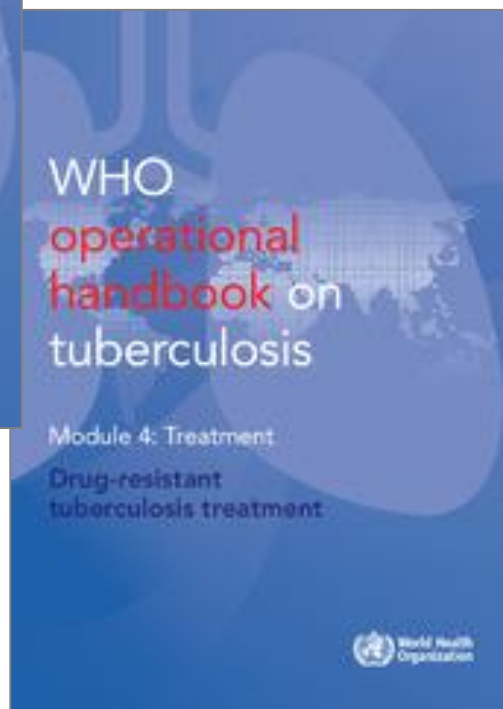
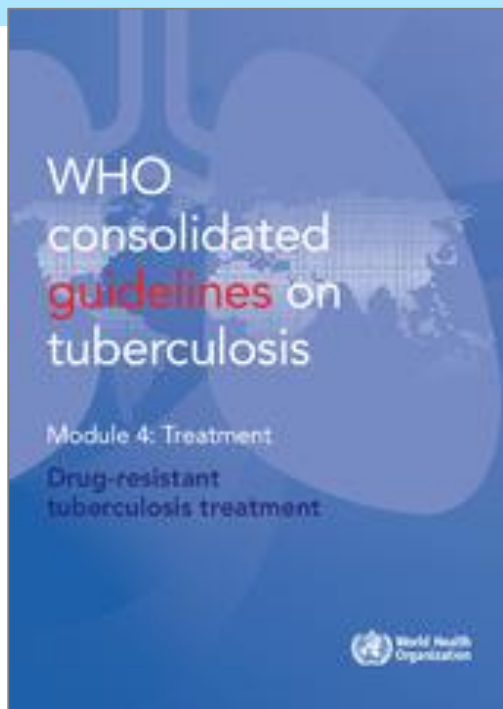
almette-Guérin (BCG)  
on and COVID-19

Compendium of  
TB/COVID-19  
studies

Digital library of  
TB/COVID-19  
publications



# WHO guideline updates and roll out important especially in time of crisis



**IT'S TIME FOR  
ACCELERATED ACTION**  
for the millions  
affected by TB

