

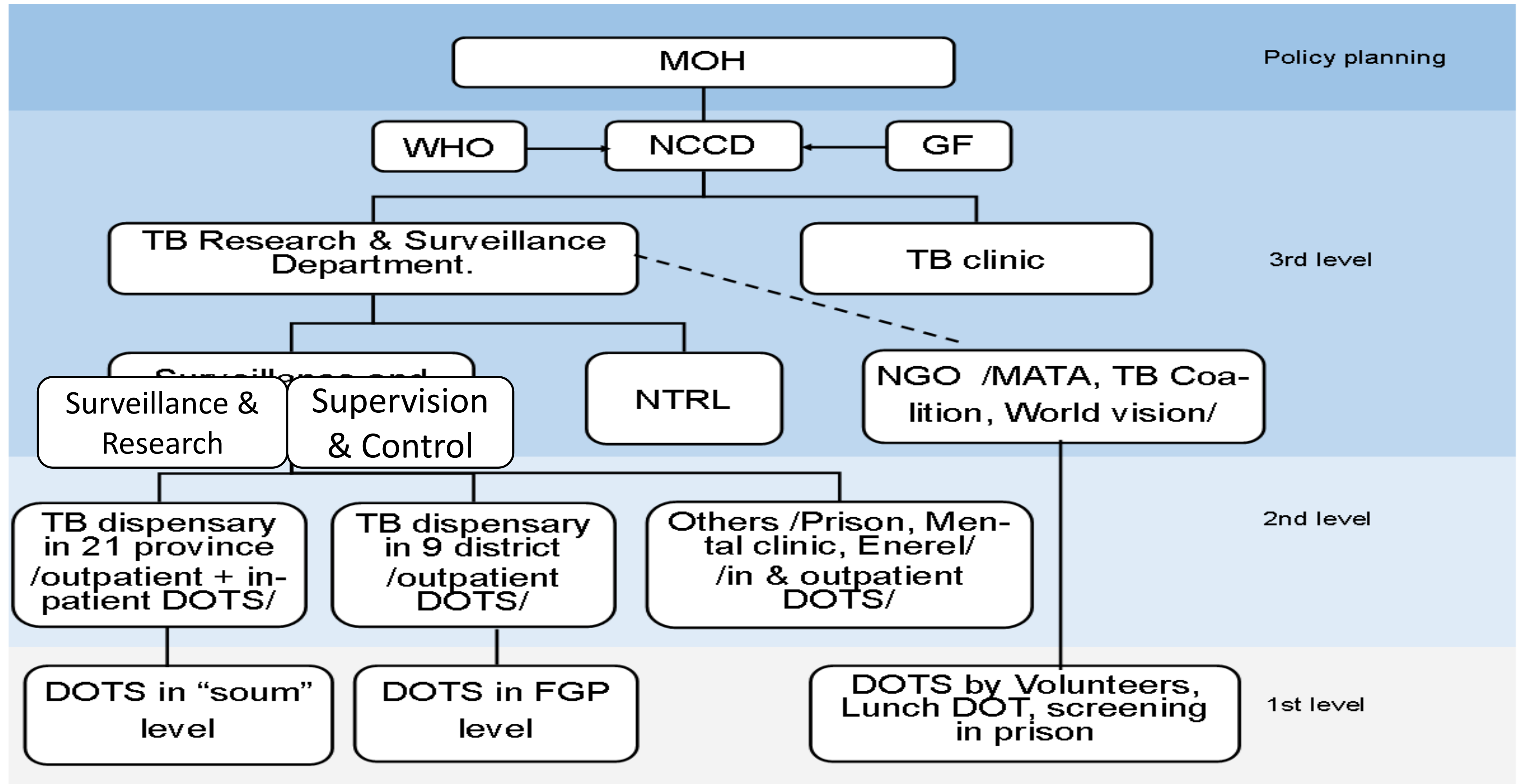


The effect of Pandemic on the National TB program in Mongolia

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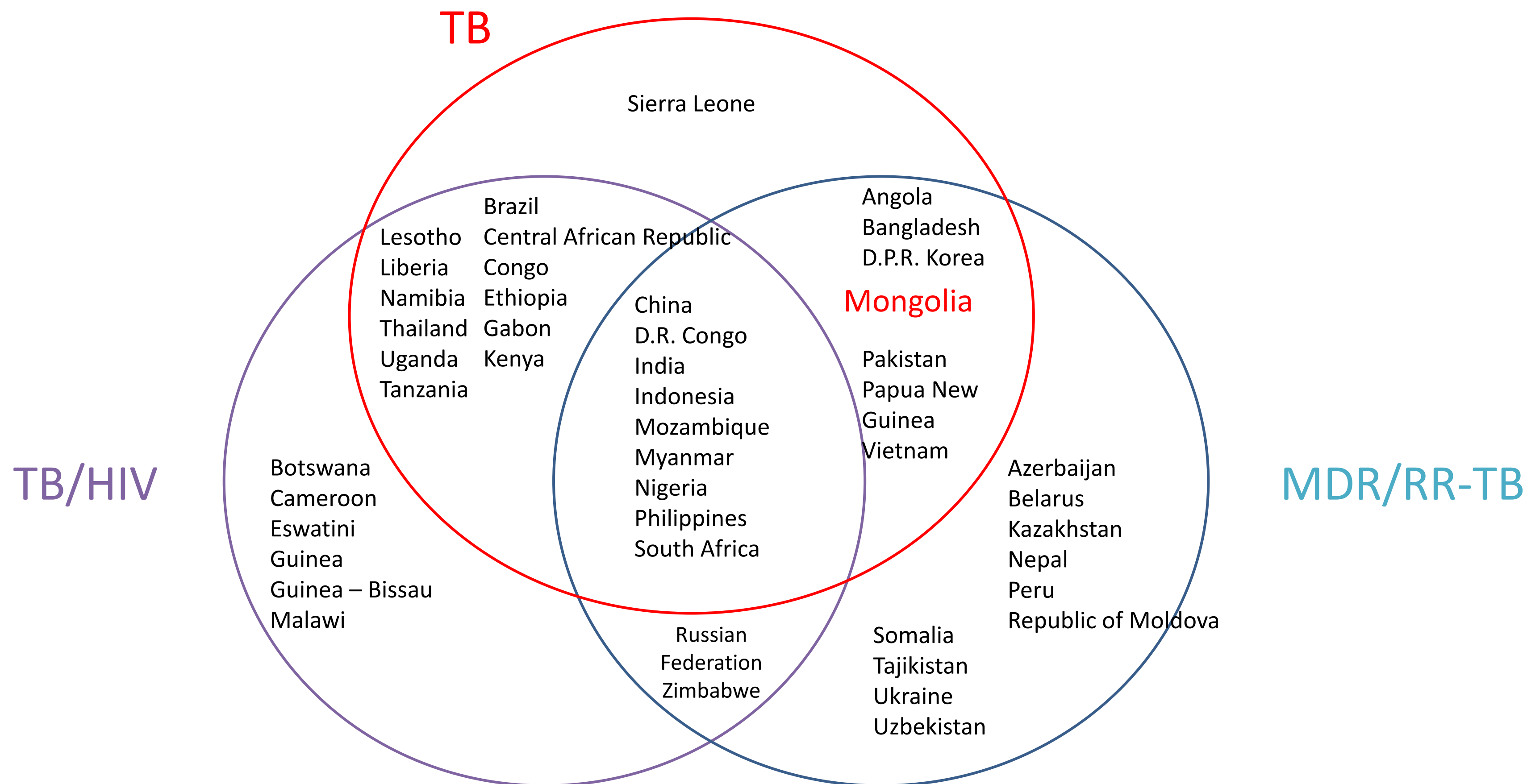
July 09, 2026

TB SERVICES SYSTEM & FUNCTION





Mongolia listed in TOP 30 high TB and MDR/RR TB burden country in 2021

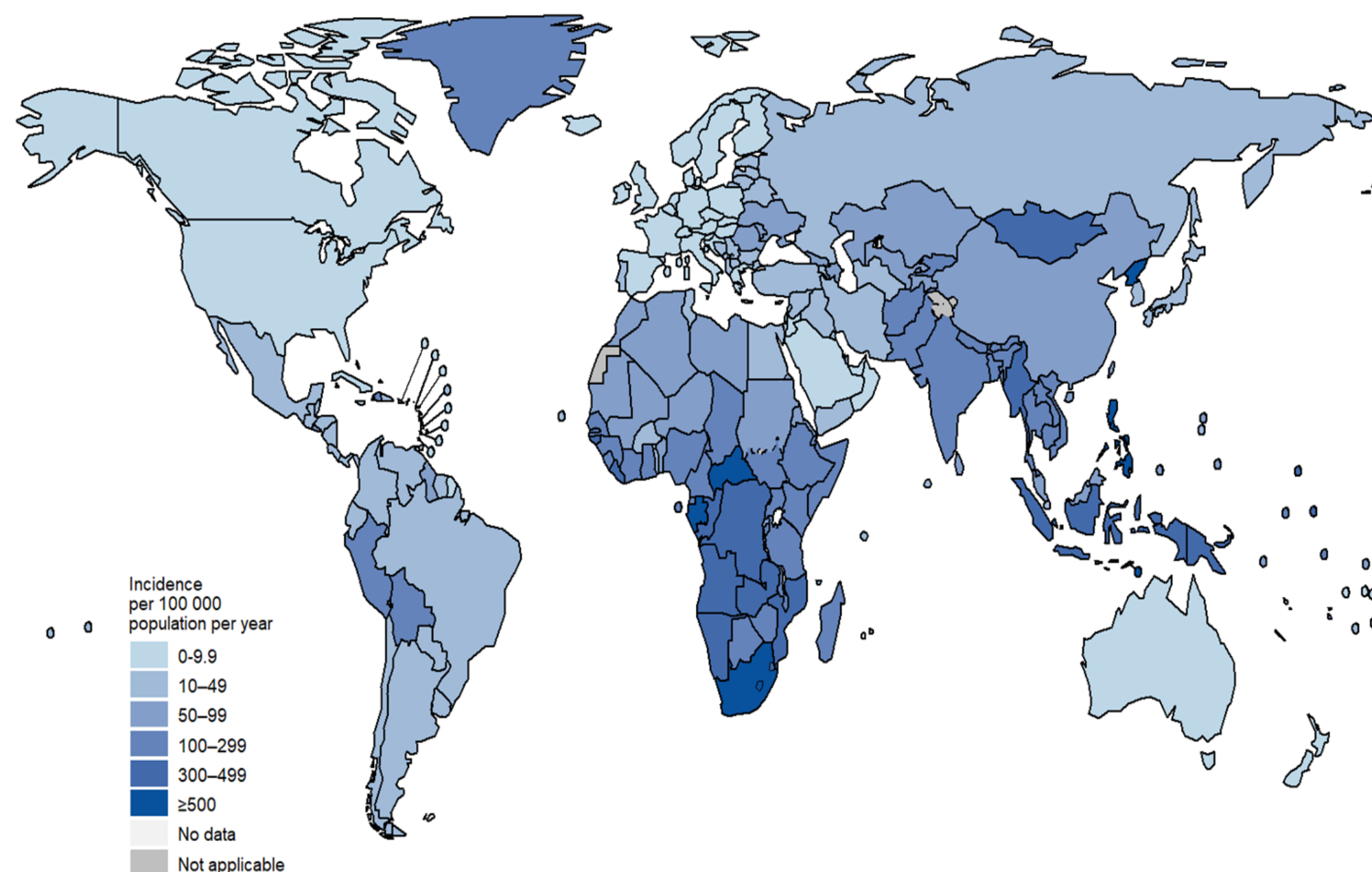


Source: WHO, GLOBAL TUBERCULOSIS REPORT 2021.

MDR/RR TB – Multiple drug resistance tuberculosis/ rifampicin resistance tuberculosis



TB HIGH BURDEN 30 COUNTRIES BY WHO



1. 100,000 high prevalence in the population

- Prevalence 757 (22000 the patient)
- Incidence 437 (14000 the patient)

(Survey of Tuberculosis prevalence in Mongolia, 2014-2015)

2. The prevalence of multidrug-resistant tuberculosis has increased

- New tuberculosis 5.3%
- Previously treated cases 16.5%

(Drug Resistance Surveillance Study-III, 2017)

3. 74% of all patients are under financial pressure

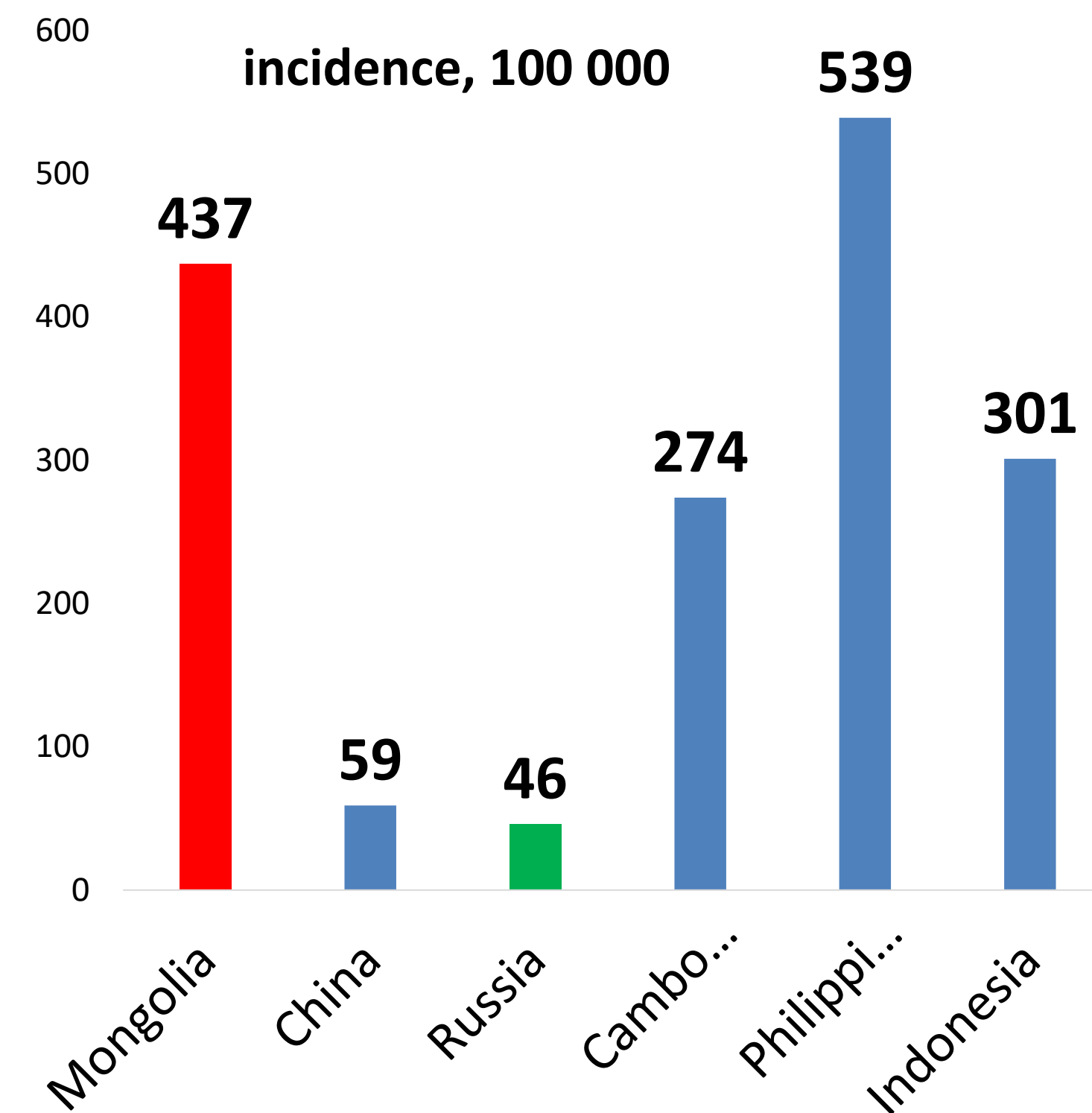
(The Costs of TB to Patients and families study 2017)

Source *Global TB report,2021

THE INCIDENCE RATE OF TUBERCULOSIS IS 3 TIMES HIGHER THAN THE WORLD AVERAGE

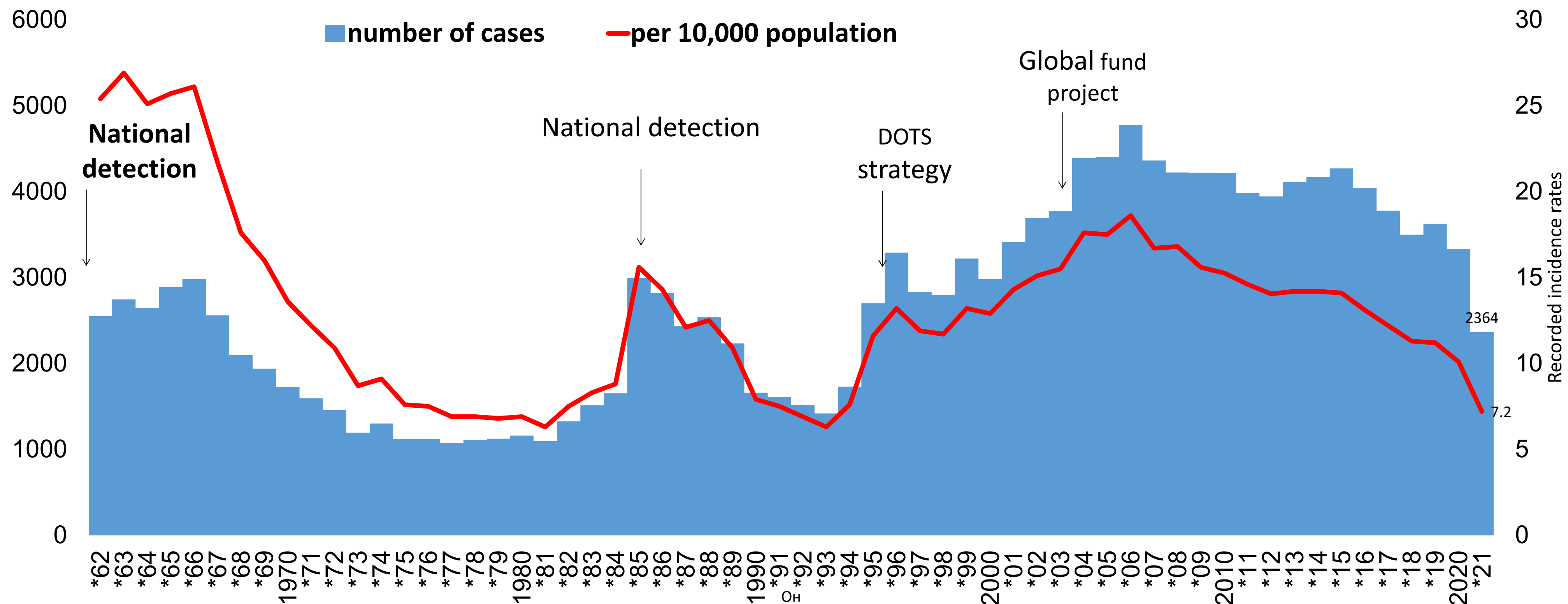


Region	Tuberculosis incidence /estimated/		Incidence of MDR		Childhood tuberculosis
	numbers	100 000	numbers	100 000	
In the world	9.8 million	127	465 000	6.1	7%
WPR	1.8 million	93	101 000	5.2	4%
Mongolia	14 000	437	1000	32	12%



Source *Global TB report, 2021

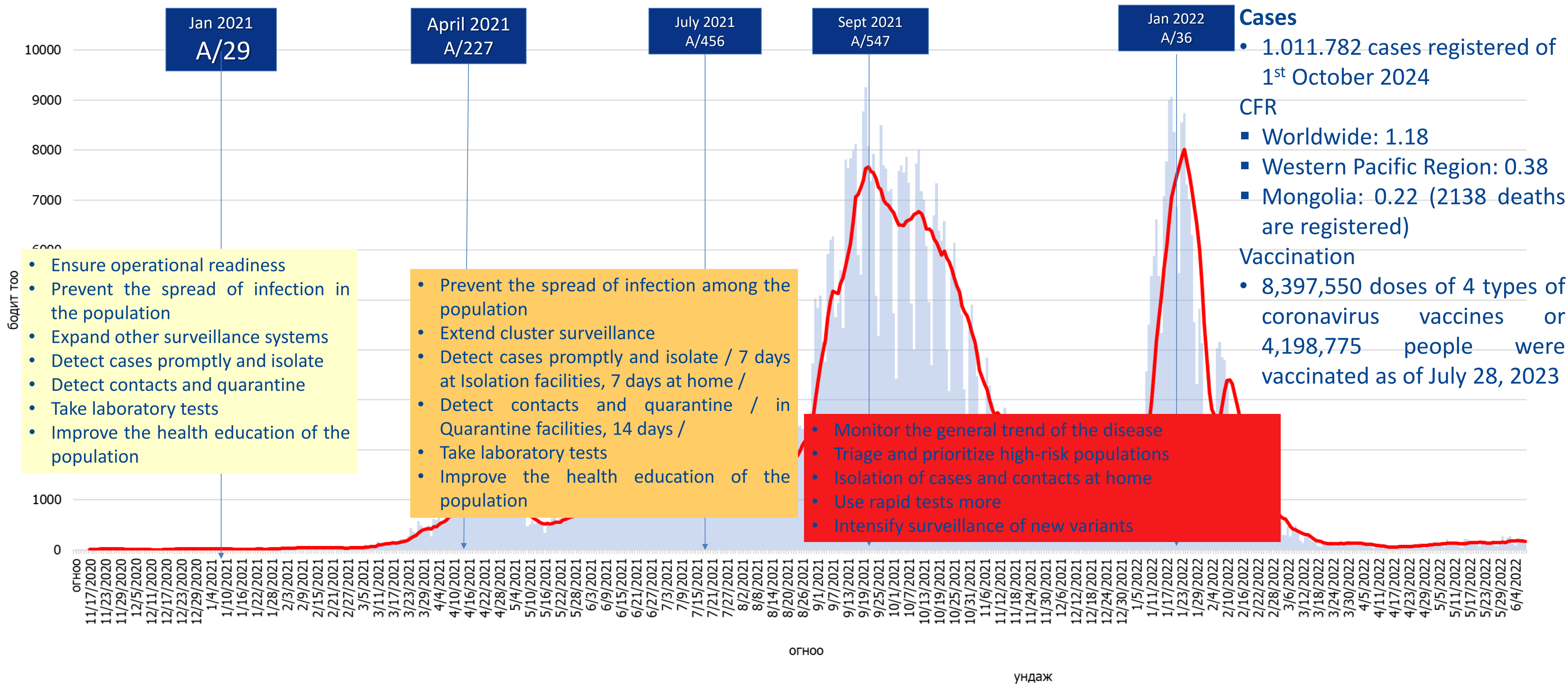
TB DETECTION AND NUMBER OF REPORTED CASES



Source: Tuberculosis Statistical Report, 2021

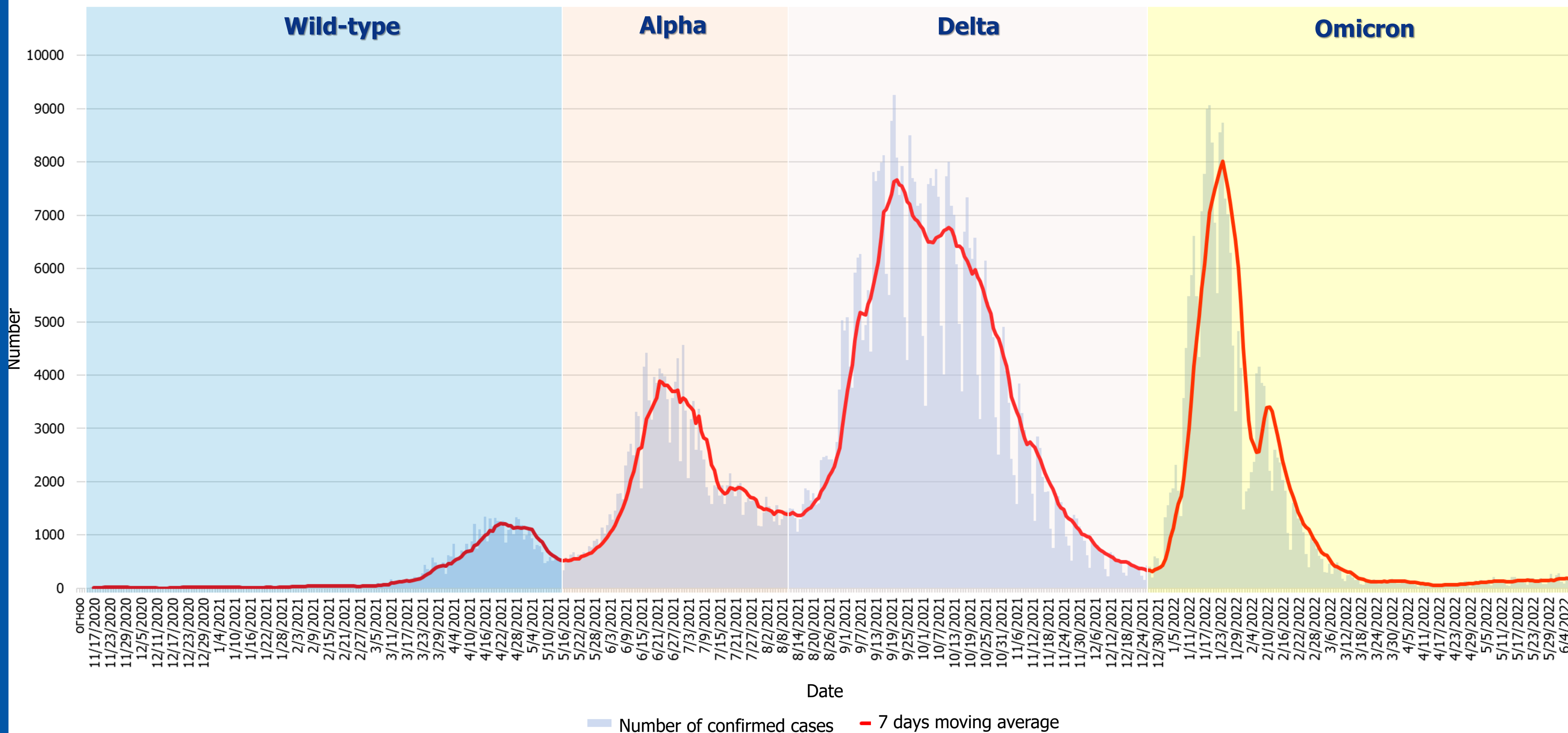


COVID-19 SURVEILLANCE & RESPONSES





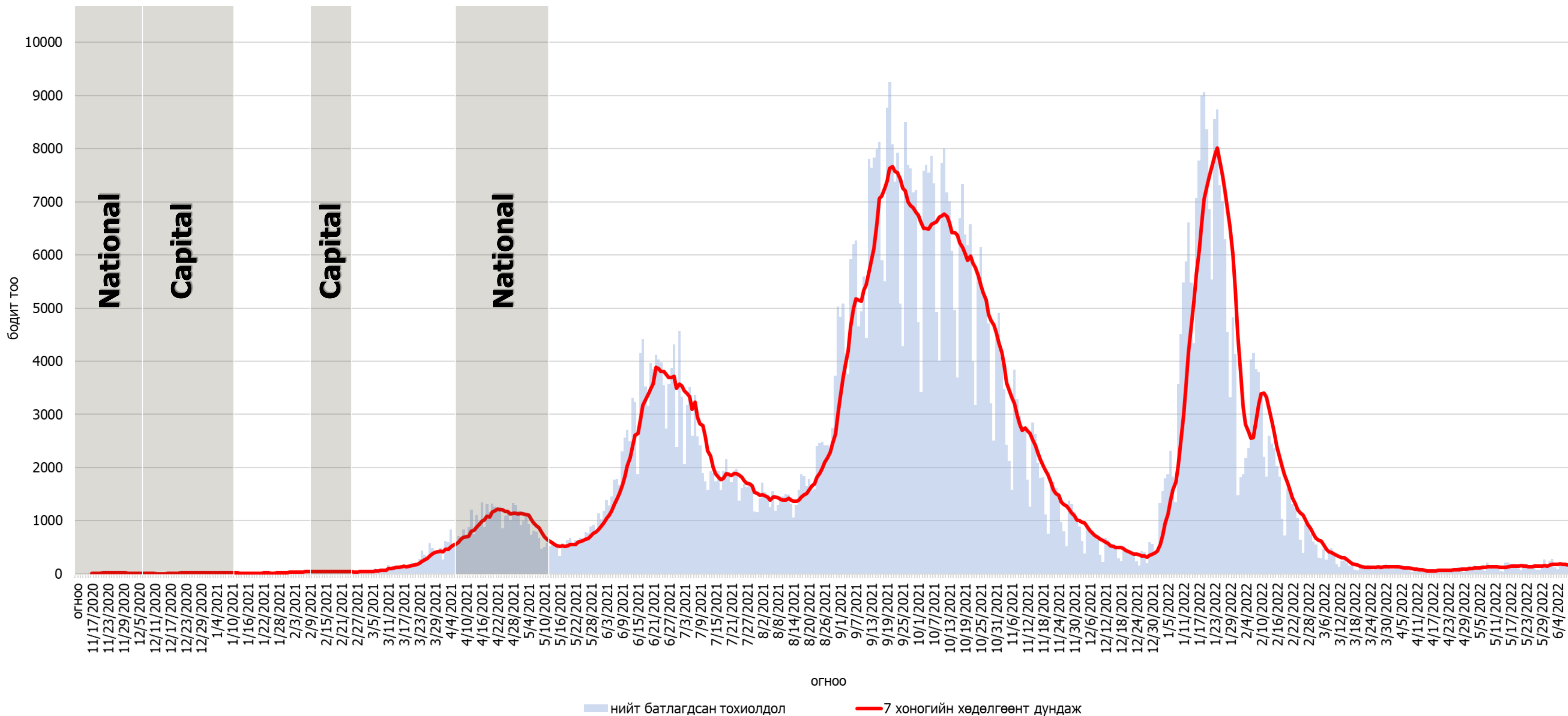
COVID-19 VARIANTS & RESPONSES



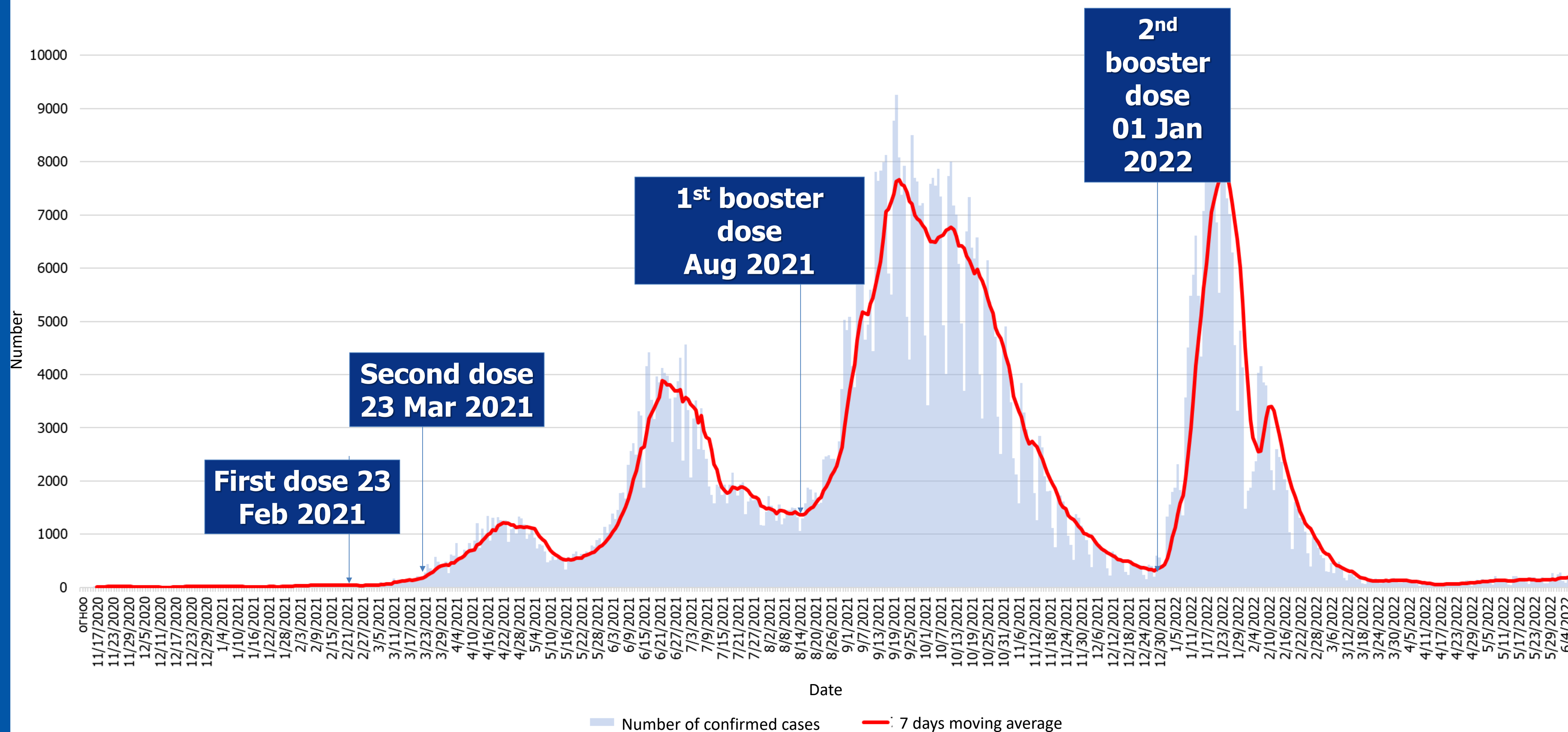
Wild type (D614G), Alpha (B.1.1.7), Delta (B.1.617.2), Omicron: (B.1.1.529, BA.1, BA.2, BA.4, BA.5, BQ.1.2, XBB.1)



COVID-19 QUARANTINE



COVID-19 VACCINATION



COVID-19 VACCINATION



2,273,626 people
69.9%/96.4%



2,176,691 people
66.9%/92.3%



1,048,159 people
32.2%/53.45%



134,186 people
4.1%

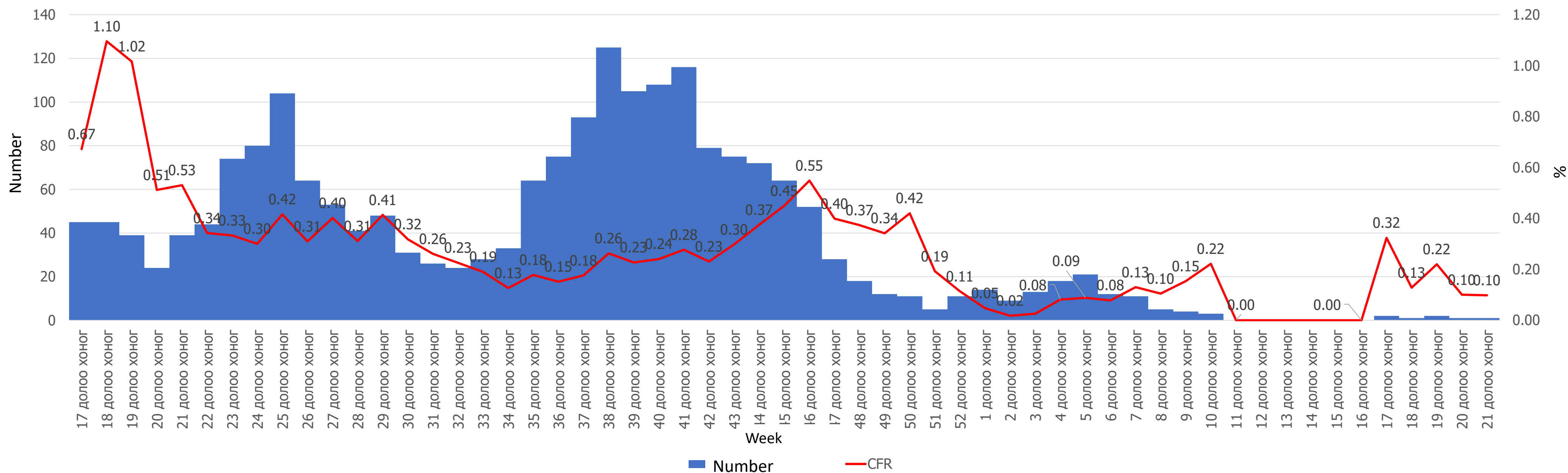




COVID-19 DEATHS

- Worldwide: 1.18
- Western Pacific Region: 0.38
- Mongolia: 0.22

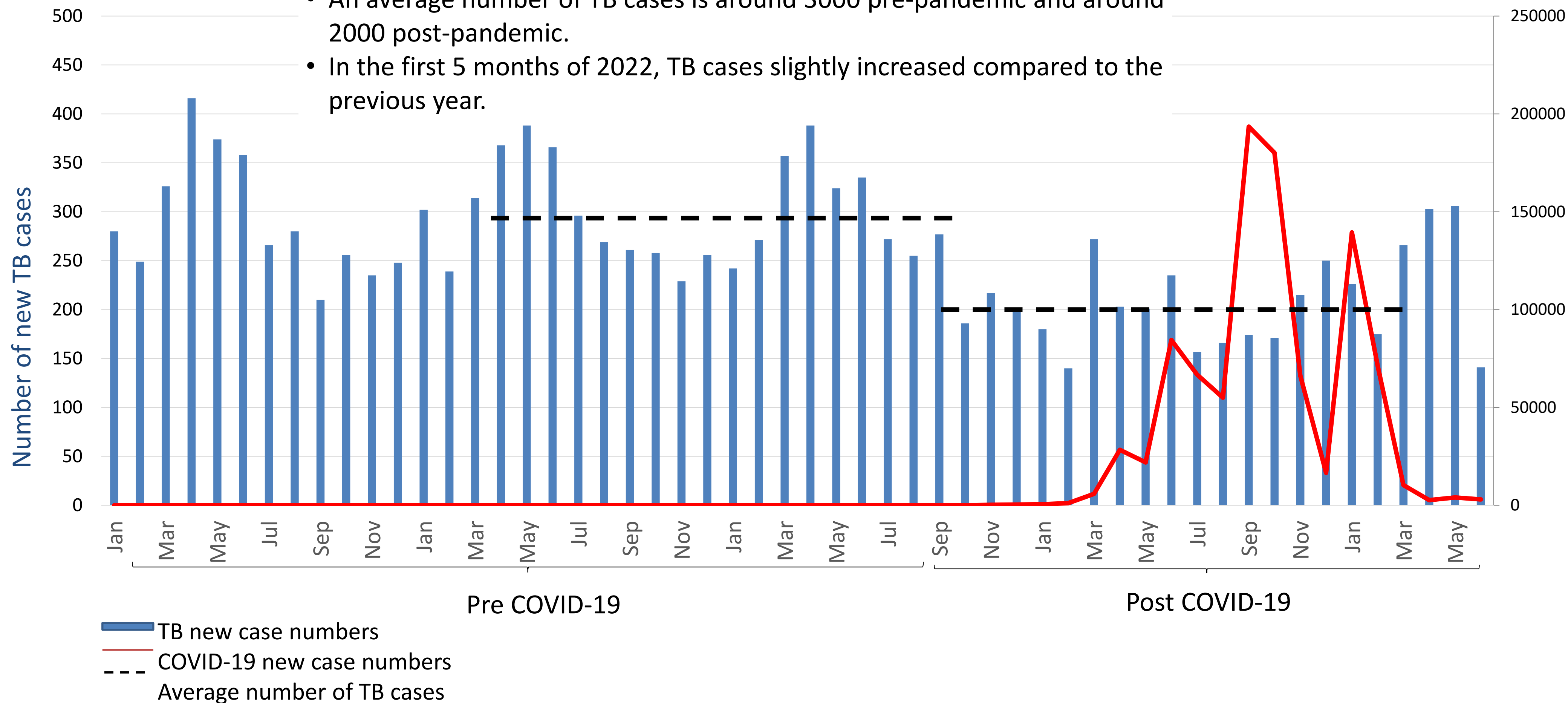
Number of COVID-19 death cases, CFR, by week





TB CASES DURING COVID-19

- TB new cases were reduced during 4 times nationwide lockdowns, the peak of the COVID-19 waves, and the national holiday.
- An average number of TB cases is around 3000 pre-pandemic and around 2000 post-pandemic.
- In the first 5 months of 2022, TB cases slightly increased compared to the previous year.



Source: Tuberculosis Statistical Report, 2021, 2022

Source: Tuberculosis Statistical Report, 2021



IMPACT OF COVID-19 TB SECTOR

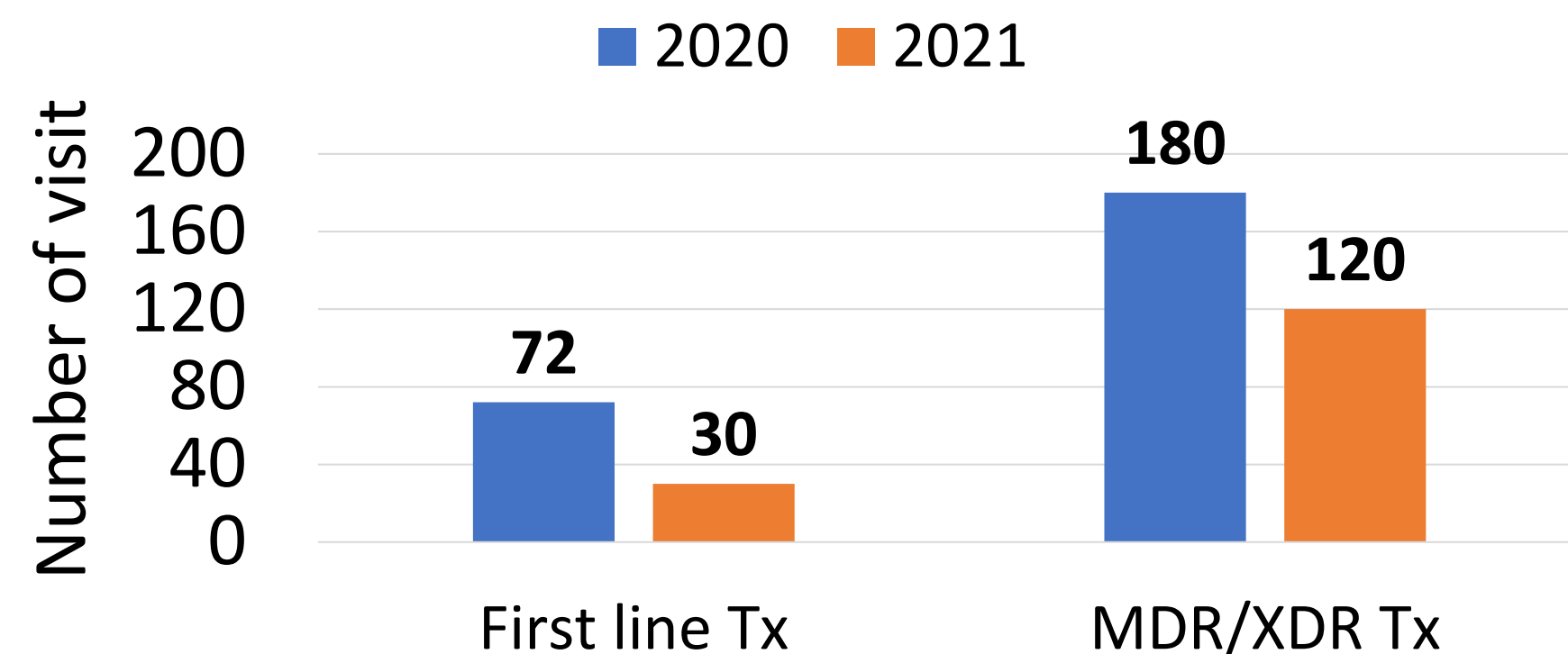
No	Types of resources	Deployment % for COVID-19
1	Workplace	51,5%
2	Human resources	40%
3	Hospital bed	19,2%
4	X-ray	73,3%
5	GeneXpert	29%

- HR mobilization and physical resources mobilization have been high since November 2020.
- Active case finding, ACF is partially done in 2020 and stopped in the first half of 2021. TB screening was only 20.8% in 2021.
- TB patients exposed to COVID-19 infection followed a similar pattern of the COVID-19 waves.



IMPACT OF COVID-19 ON TB PATIENTS

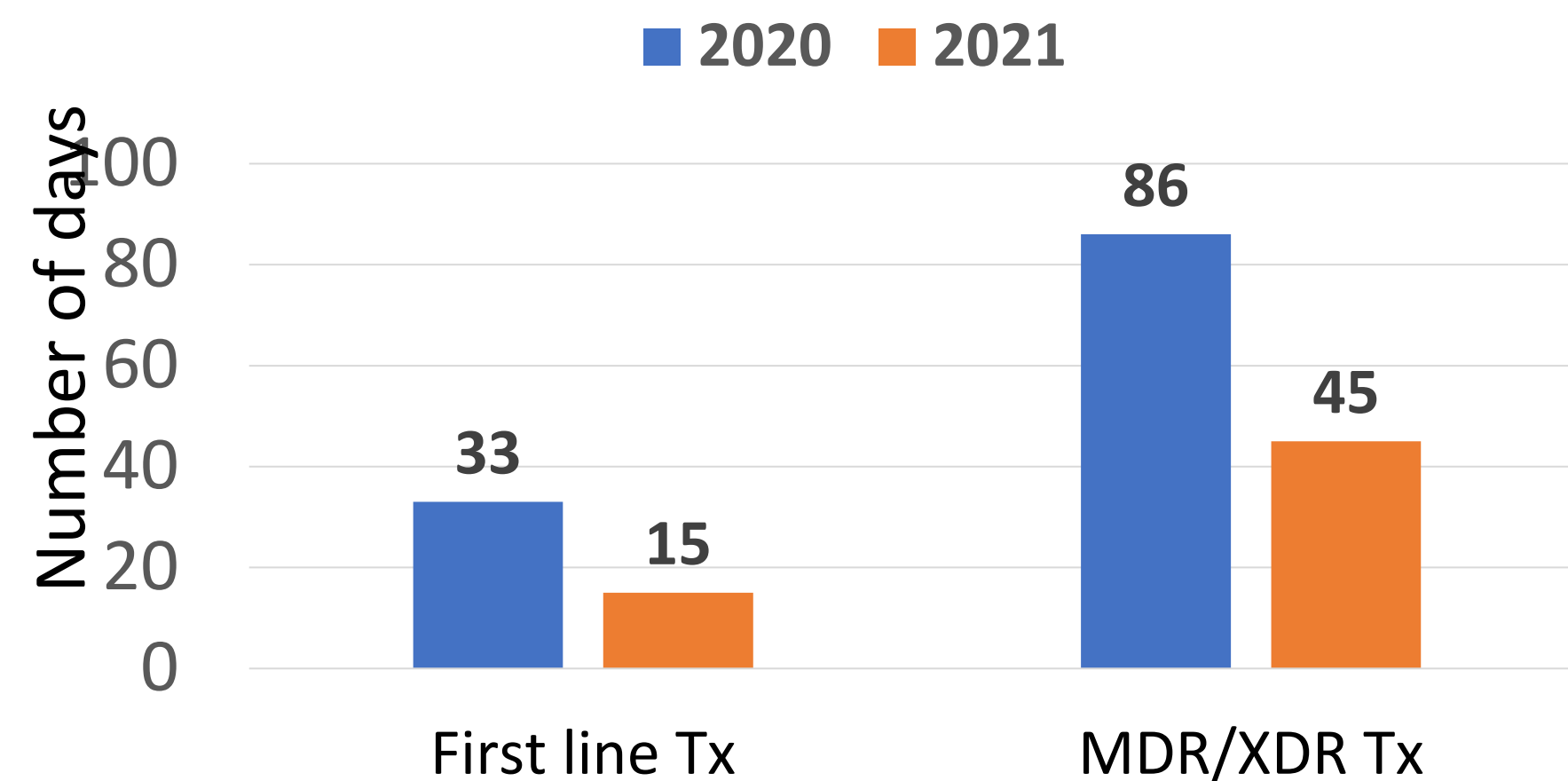
Visit to health facility after diagnosis



Treatment control

- TB dispensary-38%
- Virtual-10%
- Voluntary service-27%
- Family health center-13%
- Hospital-10%
- Lost to follow up-1%

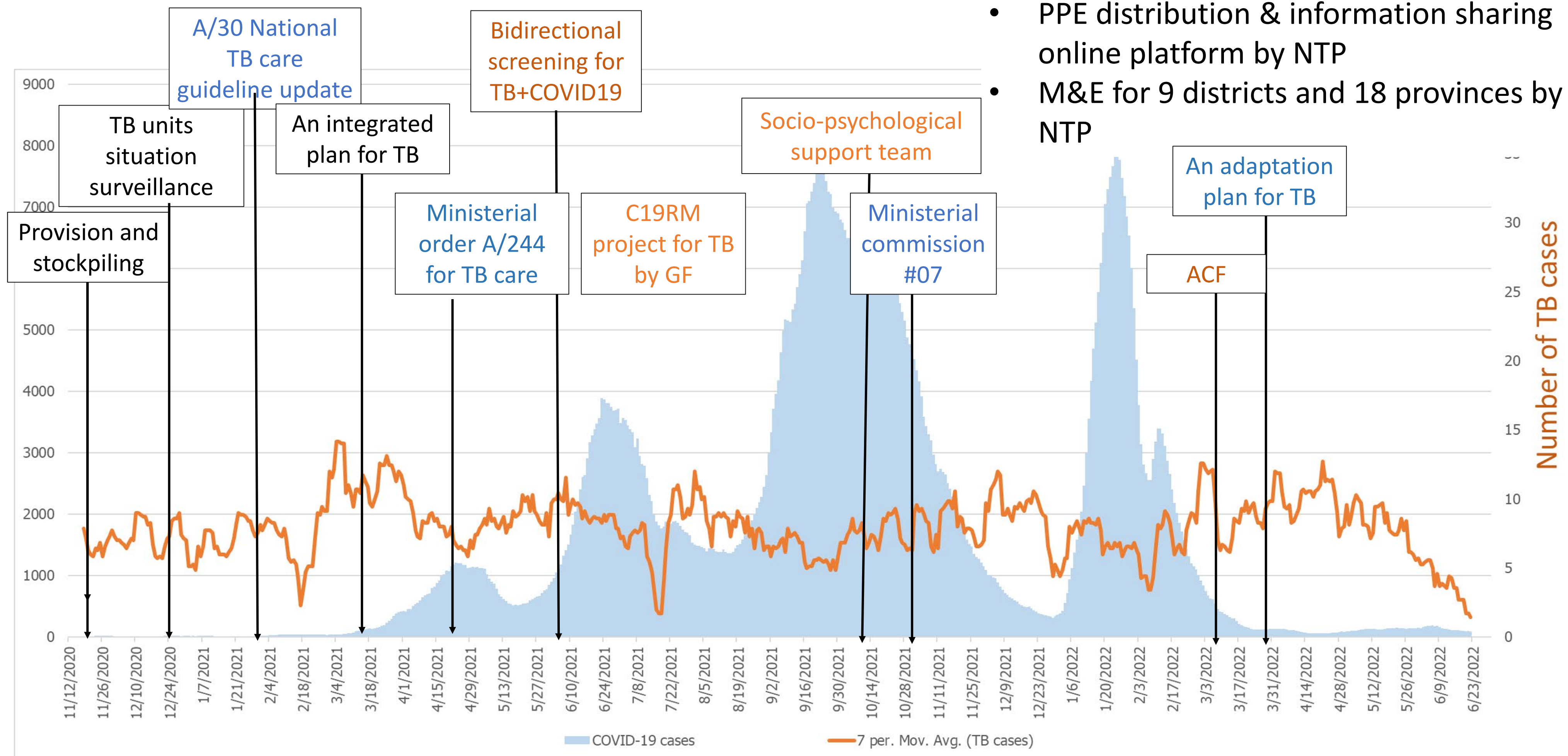
Average duration of hospitalization (days)





TB CARE SUSTAINABILITY

- PPE distribution & information sharing online platform by NTP
- M&E for 9 districts and 18 provinces by NTP



FEATURES OF THE COUNTRY & LESSONS LEARNT

- TB care system through 33 units in all provinces and districts
- 6 NGOs for different target groups (homeless, miners, low socioeconomic status, children, etc)
- A solid platform in the laboratory capacity in all provinces and districts
- Understanding of multi-sectoral collaboration and integrated team



FEATURES OF THE COUNTRY & LESSONS LEARNT

Challenges

- Resources management
- Multisectoral commitment and accountability
- Financial stability and integration



CONCLUSIONS

- Active detection decreased from 31.6% to 20.8%
- 32% of TB specialists were mobilized during the COVID-19 pandemic.
- 51% of jobs are mobilized
- 73% of the equipment was mobilized for the diagnosis of COVID-19 infection
- Health workers themselves were infected
- People's attitude towards hospitals has decreased



INVEST
TO END TB



SAVE
LIVES

Thank you for your kind attention!