Health Bulletin: National Tuberculosis Control Programme

Period: Q4 (October-December, 2024) Date of issue: February 10, 2025

This issue of the quarterly bulletin focuses on National TB Control Programme's (TB) progress and related significant events, activities during October to December 2024. During this reporting time, total diagnosed cases (new+ relapse) were 83047, where 57673 were diagnosed by mWRD (GeneXpert and TrueNat).

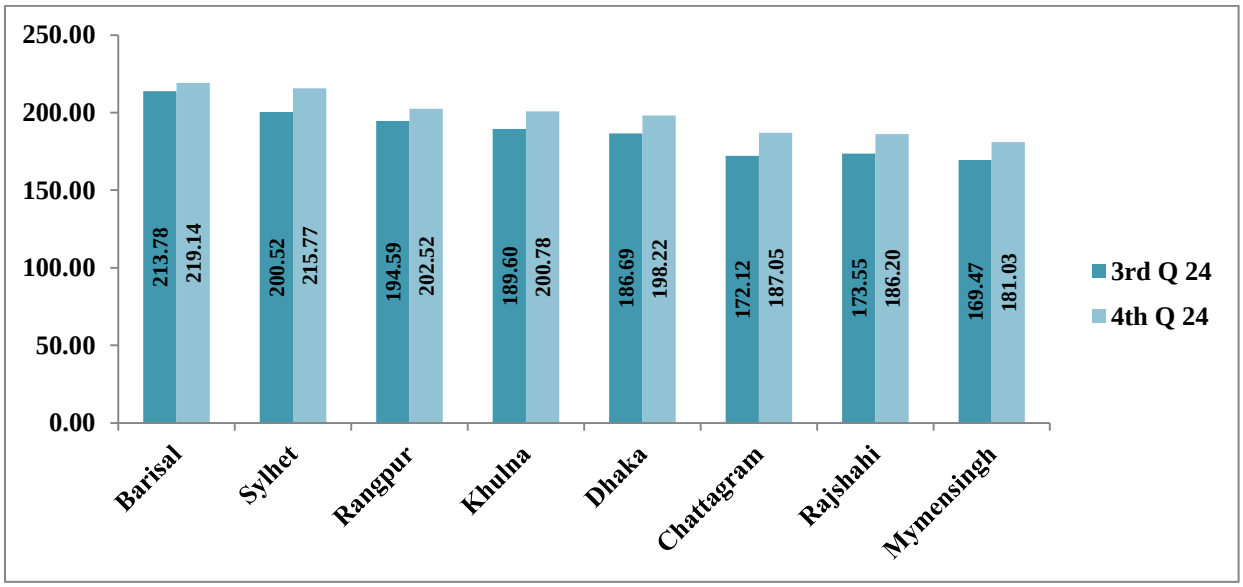

Fig 1: The division wise comparison of Case Notification Rate (CNR) during 3rd and 4th Q 2024

In all division increasing trend in CNR was observed where Barisal division having the highest CNR with 219.14 and lowest CNR in Mymensingh with 181.03.

The National CNR is demonstrating a rising trend. (Fig 1 & Fig 2)

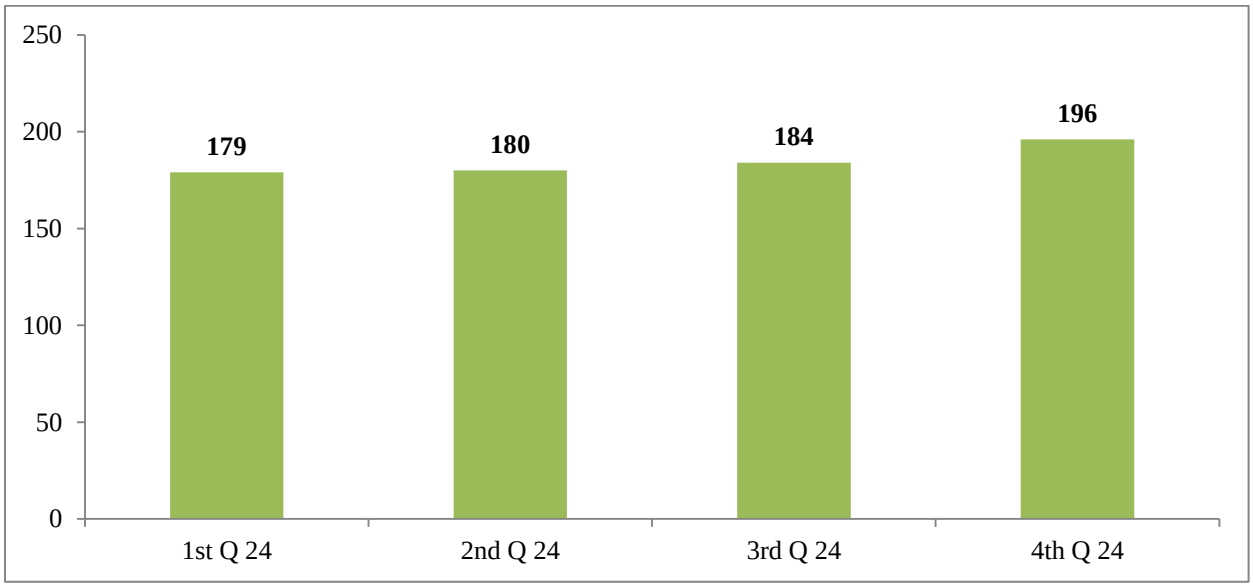

Fig 2: Quarter wise National CNR 2024

During this quarter, Child TB detection was increased in comparison to 3rd quarter 2024. However, NTP is considering child TB as a challenging area and plans to escalate further initiatives focusing on child TB case detection. (Fig 3)

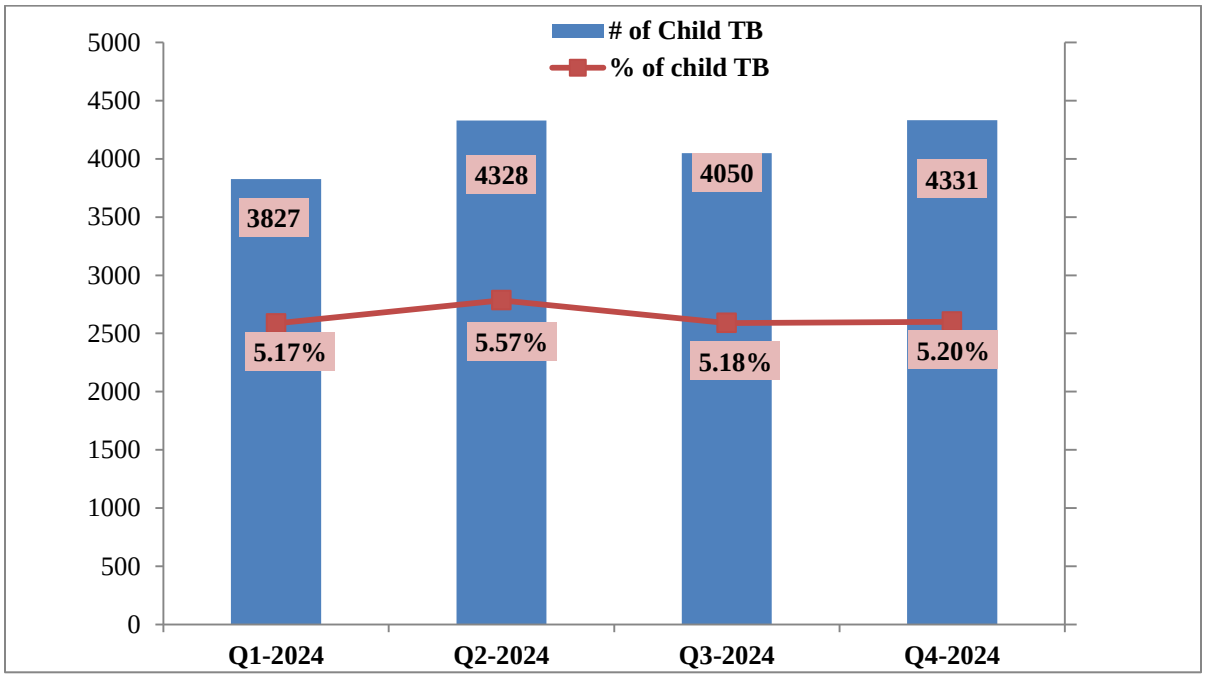

Fig 3: Comparison of quarter wise Child TB notification

This year shows a good and steady progress in roll out of TB preventive treatment (Fig 4).

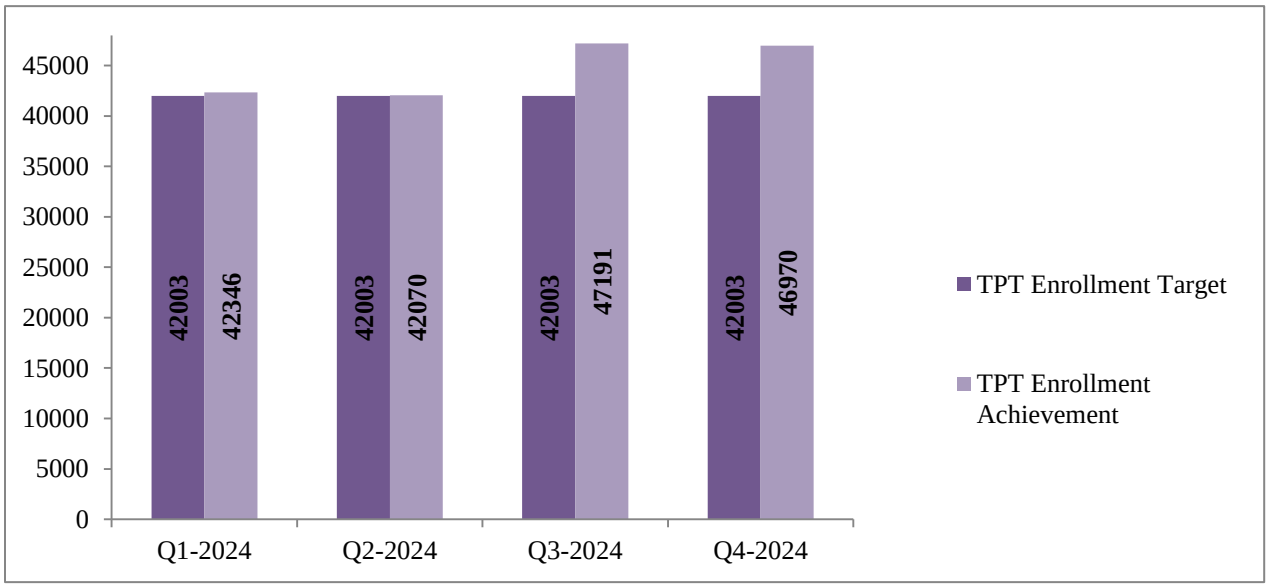

Fig 4: Quarter wise TB preventive treatment (TPT) Target vs Achievement

Laboratory Network Strengthening

By the end of 3rd quarter, NTP is proud to have a robust capacity of 766 GeneXpert and 150 TrueNat machines for providing WHO recommended rapid molecular diagnostic test (mWRD) nationwide.

Name of the Diagnostic tools		Number (current)
Gene Xpert		766
TrueNat		150
X-Ray	Portable	75
	Fixed	202
Microscope	LED	967
	ZN	75

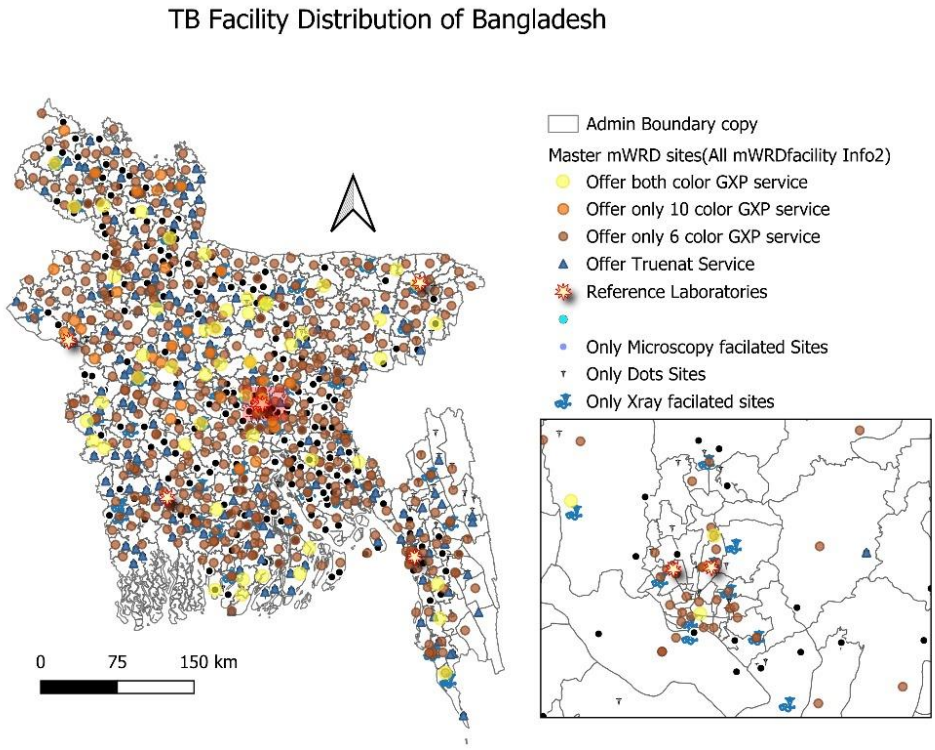

Fig: The countrywide distribution of the TB Facility

Training conducted in 4th Quarter 2024:

- Training on Xpert EQA was conducted in NTRL, RTRL of Chattagram, Khulna & Sylhet between 17th to 30th December, 2024
- Training on field level Ambulatory MDR-TB patient management was held on 11th to 18th December 2024
- 1 day Orientation on Sputum Collection and Transportation from Peripheral Laboratory to Gene Xpert Centre on 2nd and 3rd October.

Events, Training, Workshops, Capacity building for NTP during 4th Quarter 2024

- The quarterly M & E working group meeting was held on 21st November, 2024.
- Workshop on TB Diagnostic Network Strengthening (TBDNS) Reporting System on 03 Oct. 2024
- Stop TB Partnership/Global Drug Facility's Regional Quantification Workshop on TB Medicines for PSM staffs' capacity building from 28 Oct – 01 Nov. 2024

- UNION Conference 2024 – In November, a number of NTP staff along with other stakeholders joined the conference and presented few abstracts on country achievements
- NTP organized a workshop on Public-Private Collaboration- Investment towards ending TB in Bangladesh funded by Stop TB Partnership on 30 Oct. 2024
- On first week of December, NTP organized QGIS Training for Laboratory Spatial Analysis funded by USAID TBDNS project. It was coordinated by FHI360.
- Quarterly NTP programme management meeting and Bi-annual Partner's coordination meeting were also held during 4th quarter.
- Dissemination meeting on TrMIS & Training curriculum for medical doctors was organized by JSI under TIFA project of USAID on 12 December 2024.

Conclusion

NTP will continue to track TB program's regular progress over the time and committed on achieving its goal on END TB strategy.