

# TB Notifications in High Impact Asia – Results per Q3/2018 and Projections until 2020

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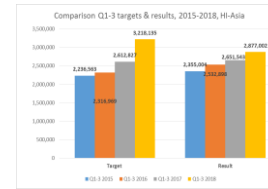
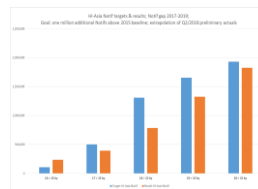
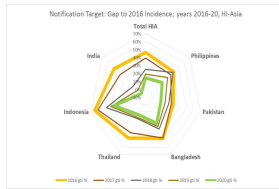
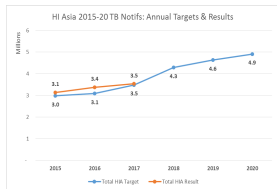
Department Head, High Impact Asia

# Background

The Global Fund’s “High Impact Asia” Region (Bangladesh, Cambodia, India, Indonesia, Myanmar, Pakistan, Philippines, Thailand, Vietnam) is home to more than half of the global Tuberculosis burden.

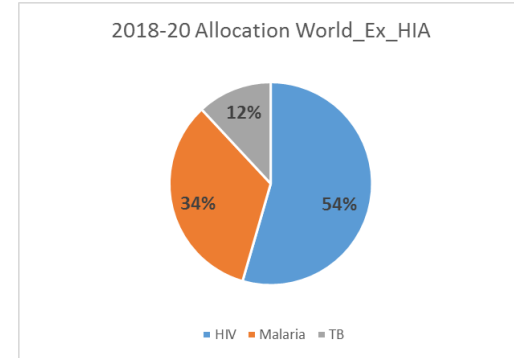
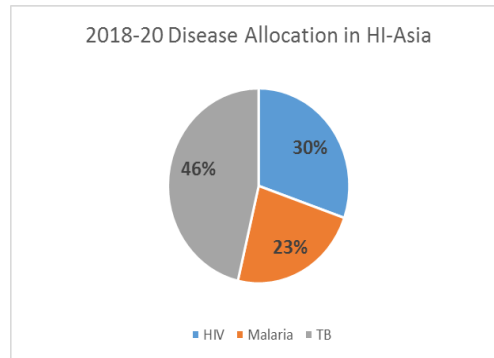
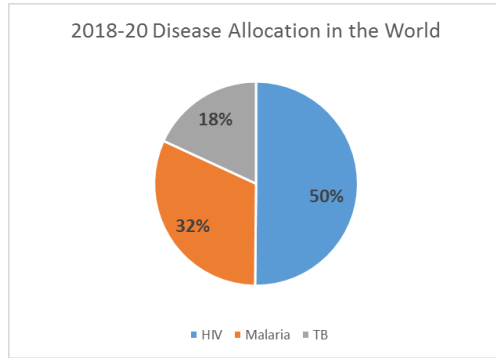
The Region started the fastest progress in the fight against TB in history. If successful, the countries will dramatically improve the status of their respective TB epidemics. This will improve global statistics significantly.

The Global Fund committed to support finding 1.5 million additional TB cases by 2019, against a baseline of 2015. HI-Asia shall contribute 1 million additional notifications.



Country	Year	2015	2016	2017	2018	2019	2020
Total TB	Target	3,000,000	3,100,000	3,500,000	4,200,000	4,600,000	4,800,000
	Result	3,100,000	3,400,000	3,500,000	4,300,000	4,600,000	4,800,000
India	Target	1,500,000	1,600,000	1,800,000	2,100,000	2,300,000	2,400,000
	Result	1,600,000	1,700,000	1,800,000	2,100,000	2,300,000	2,400,000
Philippines	Target	300,000	300,000	300,000	300,000	300,000	300,000
	Result	300,000	300,000	300,000	300,000	300,000	300,000
Pakistan	Target	300,000	300,000	300,000	300,000	300,000	300,000
	Result	300,000	300,000	300,000	300,000	300,000	300,000
Bangladesh	Target	300,000	300,000	300,000	300,000	300,000	300,000
	Result	300,000	300,000	300,000	300,000	300,000	300,000
Thailand	Target	300,000	300,000	300,000	300,000	300,000	300,000
	Result	300,000	300,000	300,000	300,000	300,000	300,000
Indonesia	Target	300,000	300,000	300,000	300,000	300,000	300,000
	Result	300,000	300,000	300,000	300,000	300,000	300,000

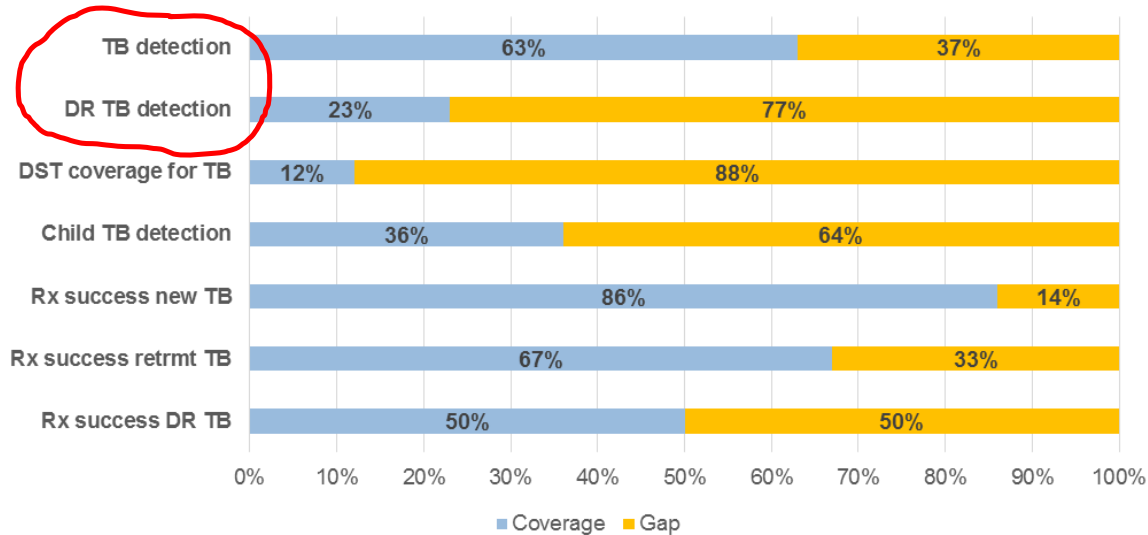
# The Global Fund invests massively in TB in the Region



- Half of the Fund's global TB investments are in this region (9 of 18%; 846m of 1.842m)
- Within the region, half of the allocation is for TB (846m of 1.827m)
- TB investment share in rest of the world is 12%

# Global Achievements, Selected TB indicators, early 2017 (year of grant making). Goal: 90% for all. A long way to go.

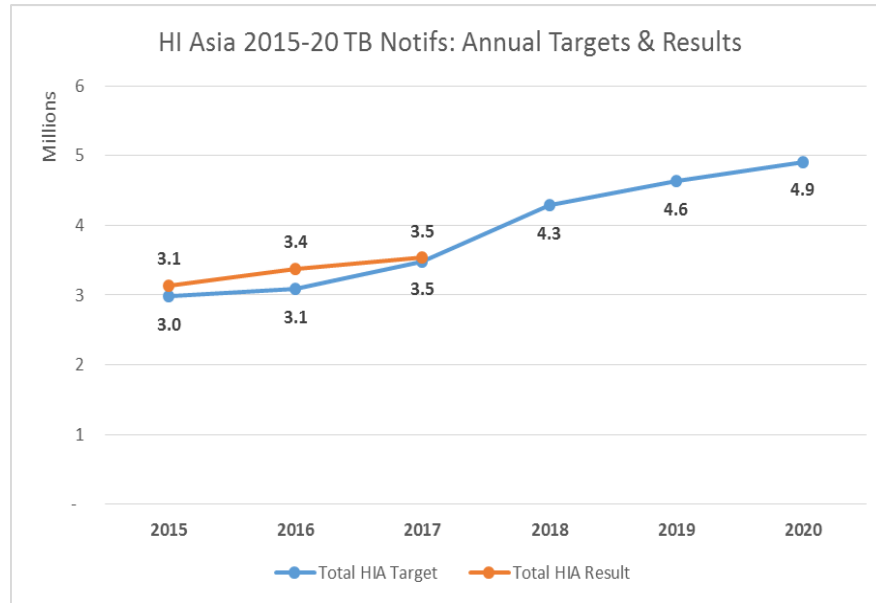
Courtesy Stop TB, March 2017



- Main focus until 2020 is on TB detection and notification.
- If HI-Asia succeeds, the regional TB detection gap will almost close (and the global gap will half).

# GF Commitment: plus 1.5 million TB Notifications globally

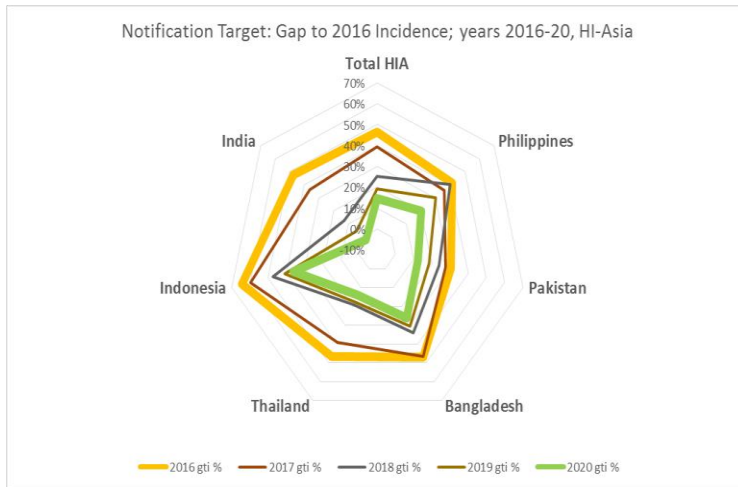
HI-Asia should contribute at least 2/3 of additional global target (1 of 1.5 m).  
Baseline are actual results in 2015 (3.1m in HI Asia); target year is 2019 (4.6m)



- Targets too low 2015-17; results good but insufficient for impact
- With jump start, HI-Asia well-positioned for progress: boost in 2018, then linear increase until 2020
- Triple increase 2017-20 (targets increase by 40%) vis-à-vis 2015-17 (results increased by 13%)

# National Plans aim to notify almost all TB cases by 2020

Against a baseline of the 2016 WHO-estimated incidence, countries aim to reduce the notification gap massively



- Only those countries with increase in notification targets displayed
- India most ambitious
- Philippines displayed with updated targets
- For entire region, notification gap to incidence shrinks from 46% to 15%

# Q3/2018: good progress, 10% below target, on track for 2019

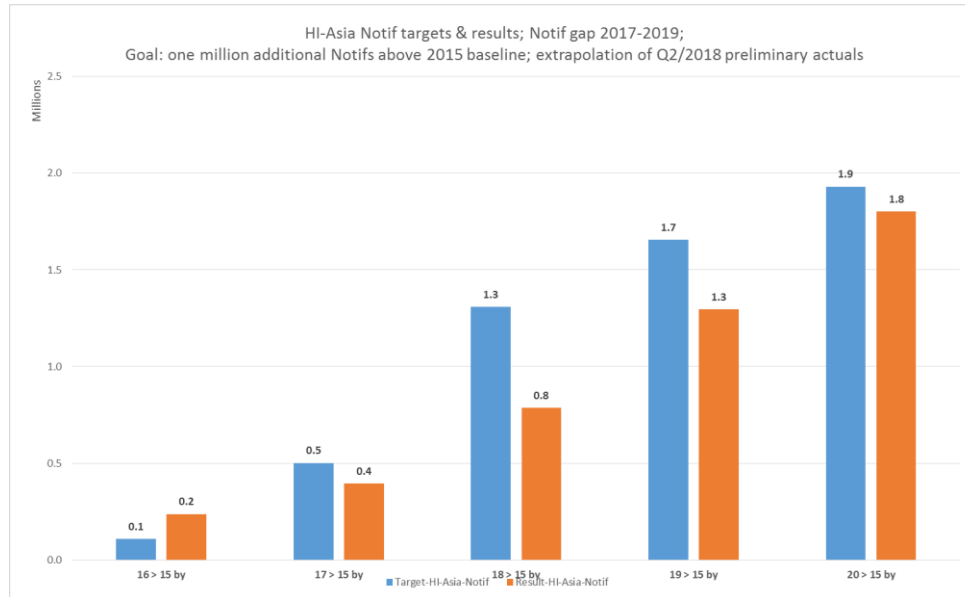
Some 3.9 million TB patients could be notified if Q4 is average of Qs1-3 (965k)  
 For full 2018, this would mean 800k above 2015 baseline (3.1 million)

		Q1 2018	Q1+Q2 2018	Q1-3 2018
Total HIA	Target	1,072,712	2,143,008	3,218,135
	Result	933,954	1,968,629	2,897,559
	% achievement	87%	92%	90%
Philippines	Target	75,211	150,423	225,634
	Result	87,677	162,501	244,761
	% achievement	117%	108%	108%
Pakistan	Target	98,311	196,621	294,932
	Result	91,582	185,158	281,023
	% achievement	93%	94%	95%
Bangladesh	Target	59,250	118,500	177,750
	Result	63,321	130,232	199,387
	% achievement	107%	110%	112%
Thailand	Target	24,064	48,127	72,191
	Result	19,903	40,093	59,877
	% achievement	83%	83%	83%
Viet Nam	Target	25,436	48,457	76,309
	Result	22,644	48,457	74,400
	% achievement	89%	100%	97%
Cambodia	Target	8,350	16,700	25,050
	Result	7,372	14,629	22,028
	% achievement	88%	88%	88%
Myanmar	Target	39,656	79,312	118,968
	Result	30,887	64,069	100,123
	% achievement	78%	81%	84%
Indonesia	Target	133,684	267,369	401,053
	Result	112,972	200,125	292,134
	% achievement	85%	75%	73%
India	Target	608,750	1,217,500	1,826,250
	Result	497,596	1,123,365	1,623,826
	% achievement	82%	92%	89%

- Qs1-3: 2.9m notifications
- TB Notification target for 2018 is 4.3m, result likely 3.9m (90%)
- MDR-TB (right table): targets increase strongly; expect results stabilizing at Q2 levels (>80%)

MDR-TB		Q1 2018	Q1+Q2 2018	Q1-Q3 2018
Total HIA	Target	24,537	48,774	73,337
	Result	18,242	39,788	52,801
	% achievement	74%	82%	72%
Philippines	Target	2,434	4,568	6,853
	Result	1,521	3,081	4,659
	% achievement	62%	67%	68%
Pakistan	Target	788	1,575	2,538
	Result	834	1,569	2,427
	% achievement	106%	100%	96%
Bangladesh	Target	329	657	986
	Result	239	652	1,024
	% achievement	73%	99%	104%
Thailand	Target	592	1,184	1,776
	Result	302	609	918
	% achievement	51%	51%	52%
Viet Nam	Target	950	1,900	2,850
	Result	664	1,598	2,477
	% achievement	70%	84%	87%
Cambodia	Target	32.50	65	97.50
	Result	29	65	96
	% achievement	89%	100%	98%
Myanmar	Target	1,226	2,452	3,679
	Result	865	1,773	2,637
	% achievement	71%	72%	72%
Indonesia	Target	1,686.50	3,373	5,059
	Result	1,778	3,269	5,115
	% achievement	105%	97%	101%
India	Target	16,500	33,000	49,500
	Result	12,010	27,172	33,448
	% achievement	73%	82%	68%

# Outlook: cautious optimism, HI-Asia could notify in 2019 well above one million additional TB cases (above 3.1m baseline)



- Projection displays the additional results, relative to 2015 baseline
- Targets 2018-20 are NSP targets
- Projection assumptions:
  - 2018 full year = same % as Q2
  - 2019 full year = +5% linear
  - 2020 full year = +5% linear
- With estimated pace: plus 1.3m in 2019; exceeding commitment



# Where we believe attention is required

- Maintain momentum post UN High Level Meeting September 2018
- Data – speed up to real time (electronic) for essential data
- Treatment outcome (private sector): lessons to learn from different cohorts?
- Rapid diagnostic test roll-out (Xpert MTB/RIF or similar)
- Active case finding in all hot spots (Zero TB City approach or other screening)
- Latent TB infection as next goal? – But solve notification gap first!