

Supplementary file 1 – Yield of screening and number needed to screen

Characteristic	Yield of active TB per 1000 screened (95% CrI)	Number needed to screen to detect 1 case of active TB (95% CrI)
Age group		
<15 years	0.16 (0.06, 0.39)	6,062 (2,550, 17,959)
15-24 years	0.99 (0.70, 1.36)	1,011 (736, 1,427)
25-44 years	1.10 (0.84, 1.41)	913 (708, 1,196)
45-64 years	0.40 (0.11, 1.06)	2,528 (947, 8,974)
>64 years	--	--
Sex		
Female	0.35 (0.20, 0.59)	2,836 (1,707, 5,060)
Male	1.04 (0.83, 1.27)	965 (785, 1,200)
Year		
2002-2012	1.12 (0.81, 1.50)	894 (666, 1,228)
2013	0.49 (0.22, 0.95)	2,058 (1,048, 4,601)
2014	1.00 (0.66, 1.47)	997 (681, 1,516)
2015	0.59 (0.39, 0.85)	1695 (1,175, 2,534)
Country		
Afghanistan	0.27 (0.06, 0.86)	3,716 (1,159, 17,883)
Cameroon	2.00 (0.76, 4.37)	501 (229, 1,313)
Eritrea	4.64 (2.30, 8.45)	216 (118, 435)
Gambia	2.58 (1.59, 3.99)	387 (251, 630)
Georgia	2.36 (0.90, 5.16)	424 (194, 1,111)
Iraq	0.10 (0.01, 0.47)	9,955 (2,130, 92,262)
Kosovo	0.34 (0.15, 0.68)	2,905 (1,480, 6,494)
Macedonia	0.29 (0.06, 0.92)	3,502 (1,092, 16,854)
Pakistan	1.37 (0.61, 2.69)	729 (372, 1,629)
Russia	1.65 (0.63, 3.62)	605 (276, 1,585)
Somalia	6.83 (3.06, 13.36)	146 (75, 327)
Syria	0.29 (0.11, 0.64)	3,434 (1,567, 9,000)