

ANNEX E: DETAILS OF YIELD META-ANALYSIS BY REGION

Table 7. Results of yield meta-analysis by region. Yields per 100,000 population.

	North America & Europe		Middle East		Asia		South & Central America		Africa	
	Yield (CI95%)	NNS (CI95%)	Yield (CI95%)	NNS (CI95%)	Yield (CI95%)	NNS (CI95%)	Yield (CI95%)	NNS (CI95%)	Yield (CI95%)	NNS (CI95%)
General population	29 (26-31)	3,448 (3,226-3,846)	249 (0-508)	402 (197-)	358 (276-439)	279 (228-362)	394 (356-436)	254 (229-281)	690 (567-812)	145 (123-176)
At-risk groups	481 (386-576)	208 (174-259)	1,718 (1,456-1,979)	58 (51-69)	995 (885-1,106)	101 (90-113)	3,098 (2,599-3,597)	32 (28-38)	3,062 (2,785-3,339)	33 (30-36)
Drug users	1,122 (822-1,530)	89 (65-122)	-	-	-	-	-	-	4,000 (1,846-8,451)	25 (12-54)
Health workers	-	-	-	-	710 (0-1,740)	141 (57-)	-	-	1,856 (1,098-2,614)	54 (38-91)
Contacts/HHCs	876 (193-1,560)	114 (64-518)	2,831 (1,503-4,160)	35 (24-67)	2,132 (1,267-2,996)	47 (33-79)	391 (313-470)	256 (213-319)	2,071 (1,708-2,434)	48 (41-59)
PLHIV	11,450 (7,063-18,034)	9 (6-14)	-	-	8,936 (5,655-12,217)	11 (8-18)	5,732 (3,969-8,212)	17 (12-25)	9,224 (6,936-11,512)	11 (9-14)
Poor and marginalized	905 (249-3,239)	110 (31-402)	1,033 (985-1,083)	97 (92-102)	737 (604-870)	136 (115-166)	4,098 (2,636-5,560)	24 (18-38)	1,935 (1,517-2,353)	52 (42-66)
Prison inmates	-	-	675 (457-893)	148 (112-219)	2,805 (1,604-4,007)	36 (25-62)	2,879 (2,009-3,749)	35 (27-50)	2,244 (1,524-2,964)	45 (34-66)
Refugees and immigrants	202 (125-280)	495 (357-800)	394 (186-603)	254 (166-538)	351 (282-420)	285 (238-355)	-	-	-	-
Mixed groups	548 (365-730)	182 (137-274)	9,806 (8,904-10,790)	10 (9-11)	328 (43-613)	305 (163-2,326)	-	-	439 (249-630)	228 (159-402)

TB=Tuberculosis; HHC=household contact; PLHIV=People living with human immunodeficiency virus; NNS=Number needed to screen.

Table 8. Results of yield/prevalence ratio meta-analysis by region. CI95% in parentheses.

	North America & Europe	Middle East	Asia	South & Central America	Africa
General population	0.3 (0.2-0.3)	1.4 (0.8-2.1)	1.3 (0.9-1.7)	-	1.5 (0.5-2.6)
At-risk groups	6.5 (6.3-6.8)	9.8 (0-19.7)	8.0 (4.6-11.5)	45.6 (27.5-63.7)	9.2 (6.2-12.2)
Drug users	-	-	-	-	11.9 (11.1-12.7)
Health workers	-	-	5.2 (5.2-5.3)	-	33.6 (33.3-34.0)
Contacts/HHCs	6.5 (6.3-6.8)	7.3 (2.3-12.2)	10.7 (3.5-18.0)	6.5 (6.3-6.7)	7.1 (4.0-10.1)
PLHIV	17.4 (9.7-25.2)	-	25.6 (19.3-31.9)	-	-
Poor and marginalized	-	4.6 (2.2-4.9)	2.3 (0.8-3.8)	-	4.6 (4.6-4.7)
Prison inmates	-	3.4 (2.4-4.4)	4.3 (2.0-6.7)	49.9 (32.1-67.7)	1.9 (0.5-3.2)
Refugees and immigrants	-	1.0 (0.9-1.1)	1.2 (1.0-1.4)	-	-
Mixed groups	-	44.0 (43.9-44.1)	1.9 (0.5-3.3)	-	5.3 (0-14.6)

HHC=household contact; PLHIV=People living with human immunodeficiency virus.