

UNGA Political Declaration Target for TB Preventive Therapy (at least 30 million treatments by 2022) broken down by country and by year

Please note that this is the first time in history that we have a target on people put on preventive TB treatment and that we are doing our best to unpack it by countries. In this context please also note the following:

1. This is focused on high TB burden settings keeping in view the UNGA political declaration language on this target.
2. The UNGA political declaration language puts the 30 million global target as a floor and not a ceiling. Accordingly, country targets should be viewed as a minimum and not a ceiling.
3. The targets include PLHIV and household contacts and does not include other groups that countries may like to include for preventive therapy.
4. Targets are based on the TIME model projection of TB incidence and notifications up to 2022, estimates on household contacts per notified TB, projections of PLHIV under care and baseline numbers on preventive therapy reported by WHO for the sub-set of countries that have reported to WHO. Please also note that the TIME model projections were done for 29 high burden countries and that notification projections for other countries were performed via an extrapolation of impact, applied to baseline trends of notification data reported to WHO.
5. Countries with low burden and higher income should set their own targets. Targets for these countries could not be set at the global level because of the following reason:
 - a. These countries have policies in place to provide preventive therapy to a number of groups beyond household contacts and PLHIVs. In a number of countries PLHIV and household contacts are a small proportion of all people receiving preventive therapy. Setting targets for these countries should take into account each country's policy and not be limited to the groups prioritized for high burden settings.
 - b. Most of these countries have not reported to WHO the numbers put on preventive therapy. This does not allow for setting a baseline for scale up of preventive therapy in these countries.
6. The targets were set with a number of limitations:
 - a. Incomplete reporting of countries to WHO on preventive therapy. In the WHO dataset only a few countries have complete data on contacts put on preventive therapy. It was assumed that the remaining countries in high burden setting are either not putting people on preventive therapy or the numbers are negligible. We request all countries and partners to ensure that the reporting to WHO on preventive therapy is timely and complete.
 - b. There is evolving discussions globally among experts on who among the PLHIV are eligible and should be counted in the target. The evolution on this has been to move from the focus on only the "newly recruited under HIV care" to "all on care who are eligible" to ensure that at least in the early years the backlog of eligible PLHIV are covered. Because of this reason the global total target for PLHIV on preventive therapy is higher than what was mentioned in the UNGA declaration. The approach here was again based on the concept that the UNGA target is a floor and not a ceiling.
 - c. There is evolving policy in countries on selection of adult contacts for preventive therapy. Assumptions have been made on scaling up of the policy and implementation of a TB infection test for this group – whether or not a TB infection test is implemented in this group makes a big difference in the contacts eligible for preventive therapy.
 - d. The scale up pattern has been adjusted downwards to add up to a global total of a little more than 30 million to align it with the UNGA political declaration language. We therefore encourage countries to take these targets as the minimum and plan for exceeding them.

Total Preventative Therapy (PT) targets^{1,2,3,4}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Afghanistan	7,900	19,800	38,300	51,100	60,500	177,600
Albania	179	310	478	735	814	2,517
Algeria	2,800	5,800	9,900	13,600	15,600	47,700
Angola	31,400	44,500	76,200	110,700	123,200	386,000
Argentina	7,300	10,800	14,100	17,700	18,100	68,000
Armenia	153	249	355	522	582	1,860
Azerbaijan	1,500	2,800	4,500	7,200	8,700	24,700
Bahamas	377	438	442	473	354	2,085
Bangladesh	37,400	95,300	204,400	288,500	343,700	969,300
Barbados	71	83	82	94	69	399
Belarus	1,400	2,000	2,700	3,200	3,400	12,700
Belize	170	260	339	369	353	1,490
Benin	4,200	6,500	9,800	11,700	12,300	44,500
Bhutan	133	293	487	638	750	2,302
Bolivia (Plurinational State of)	2,600	5,000	9,300	12,300	14,100	43,300
Botswana	17,000	22,000	23,300	22,000	17,000	101,300
Brazil	24,400	38,400	54,800	65,600	69,600	252,800
Burkina Faso	5,700	8,800	13,400	16,000	17,100	61,000
Burundi	4,800	7,800	12,200	13,700	14,500	53,000
Cabo Verde	212	349	570	768	844	2,743
Cambodia	7,000	11,800	20,200	25,300	27,800	92,100
Cameroon	39,300	64,500	92,400	117,700	131,400	445,300
Central African Republic	8,200	11,500	17,500	20,400	22,000	79,600
Chad	6,100	11,800	18,700	21,100	23,100	80,800
Chile	4,400	5,800	7,600	10,600	11,000	39,400
China	108,500	229,900	378,000	502,500	586,200	1,805,100
Colombia	7,300	11,300	15,400	18,000	18,300	70,300
Comoros	86	186	314	420	497	1,502
Congo	6,000	10,600	15,800	15,600	16,600	64,600
Costa Rica	561	761	891	1,300	1,200	4,714

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Total Preventative Therapy (PT) targets^{1,2,3,4}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Côte d'Ivoire	24,100	34,600	48,800	47,700	46,500	201,700
Cuba	2,200	2,900	3,500	7,300	7,600	23,500
Democratic People's Republic of Korea	14,400	33,400	57,000	75,900	90,000	270,700
Democratic Republic of the Congo	56,900	121,800	257,200	321,900	372,800	1,130,600
Djibouti	874	1,500	2,100	2,200	2,400	9,074
Dominica	0	1	1	2	2	7
Dominican Republic	3,500	5,300	6,200	5,200	4,400	24,600
Ecuador	3,000	5,600	9,000	10,000	11,100	38,700
Egypt	1,700	3,500	6,700	9,400	10,900	32,200
El Salvador	2,100	3,800	6,700	8,600	9,800	31,000
Equatorial Guinea	2,900	4,400	6,300	6,900	7,100	27,600
Eritrea	1,100	1,500	1,900	2,400	2,400	9,300
Eswatini	12,800	15,400	16,000	16,500	13,300	74,000
Ethiopia	49,000	76,700	103,600	127,800	132,900	490,000
Fiji	55	122	209	282	328	996
Gabon	2,900	4,300	6,400	7,600	7,800	29,000
Gambia	1,600	2,800	4,400	4,500	4,900	18,200
Georgia	913	1,600	2,400	3,000	3,500	11,413
Ghana	15,800	22,200	30,000	37,600	37,900	143,500
Grenada	1	2	4	5	6	19
Guatemala	3,200	5,300	7,700	8,400	8,900	33,500
Guinea	9,400	17,000	28,600	33,200	36,800	125,000
Guinea-Bissau	2,200	3,500	5,400	5,900	6,200	23,200
Guyana	437	573	680	848	808	3,346
Haiti	9,600	15,800	22,400	28,400	31,200	107,400
Honduras	1,800	2,900	4,100	6,200	6,800	21,800
Iceland	3	8	16	22	27	76
India	378,100	900,300	1,489,300	1,959,700	2,270,000	6,997,400
Indonesia	58,500	191,400	334,100	448,900	531,100	1,564,000
Iran (Islamic Republic of)	2,200	4,600	7,700	8,700	9,700	32,900

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4. Total targets are a summation of targets for PLHIV and contacts.

Total Preventative Therapy (PT) targets^{1,2,3,4}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Iraq	914	2,200	4,400	6,100	7,200	20,814
Israel	38	69	108	138	165	517
Jamaica	930	1,000	956	1,000	663	4,550
Kazakhstan	3,200	4,900	7,300	10,000	11,600	37,000
Kenya	167,500	187,600	216,300	197,400	181,100	949,900
Kiribati	64	130	215	279	322	1,010
Kyrgyzstan	2,100	3,400	5,200	7,000	8,200	25,900
Lao People's Democratic Republic	2,000	4,100	7,700	10,100	11,600	35,500
Lesotho	18,300	24,000	27,900	29,200	26,100	125,500
Liberia	3,400	6,000	10,000	11,900	13,300	44,600
Madagascar	7,800	18,500	41,900	63,300	75,100	206,600
Malawi	49,700	65,000	74,900	94,000	90,500	374,100
Malaysia	8,800	16,900	25,700	32,100	36,300	119,800
Maldives	32	79	140	185	214	651
Mali	6,100	10,300	15,400	16,000	16,900	64,700
Mauritania	901	2,100	3,900	4,600	5,300	16,801
Mauritius	33	76	128	168	198	602
Mexico	17,100	27,300	38,400	46,600	48,900	178,300
Micronesia (Federated States of)	13	31	57	75	88	265
Mongolia	616	1,400	2,400	3,100	3,600	11,116
Montenegro	49	80	101	181	200	611
Morocco	4,800	10,700	17,900	23,300	27,100	83,800
Mozambique	218,100	219,500	225,400	247,400	213,200	1,123,600
Myanmar	30,700	56,100	99,400	128,800	145,600	460,600
Namibia	15,100	21,100	24,900	33,500	34,300	128,900
Nepal	6,200	11,200	20,800	27,700	32,200	98,100
New Zealand	231	320	411	529	538	2,029
Nicaragua	1,000	1,800	2,700	3,100	3,400	12,000
Niger	6,200	11,500	20,400	26,800	30,700	95,600
Nigeria	200,100	340,900	565,300	610,700	650,600	2,367,600

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4. Total targets are a summation of targets for PLHIV and contacts.

Total Preventative Therapy (PT) targets^{1,2,3,4}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Oman	56	108	178	230	268	840
Pakistan	74,500	186,700	358,600	480,900	568,700	1,669,400
Panama	1,100	2,200	3,100	5,000	5,600	17,000
Papua New Guinea	4,200	7,100	10,300	13,100	14,400	49,100
Paraguay	1,300	2,300	3,500	5,000	5,600	17,700
Peru	7,400	13,700	21,800	26,800	29,900	99,600
Philippines	52,600	122,800	241,300	334,900	395,900	1,147,500
Republic of Korea	6,000	11,600	19,100	24,800	28,900	90,400
Republic of Moldova	1,200	2,100	3,100	4,000	4,600	15,000
Rwanda	12,400	15,500	17,400	24,600	23,700	93,600
Saint Lucia	4	9	19	27	31	90
Saint Vincent and the Grenadines	1	1	2	3	4	12
Samoa	4	10	22	31	37	105
Sao Tome and Principe	13	30	54	69	80	245
Senegal	8,300	18,200	33,100	42,700	49,700	152,000
Serbia	403	713	1,100	1,400	1,600	5,215
Sierra Leone	10,600	17,100	27,400	33,500	37,700	126,300
Solomon Islands	45	106	185	243	285	864
Somalia	3,600	7,900	15,700	22,700	26,400	76,300
South Africa	419,300	523,600	622,800	589,300	521,800	2,676,800
South Sudan	3,700	6,700	11,200	13,300	14,600	49,500
Sri Lanka	1,500	3,700	7,300	9,800	11,500	33,800
Sudan	5,000	10,100	17,500	21,200	24,200	78,000
Suriname	195	234	391	468	443	1,731
Syrian Arab Republic	392	878	1,500	1,900	2,300	6,970
Tajikistan	1,900	3,400	5,500	7,200	8,600	26,600
Thailand	33,900	54,700	80,400	90,000	94,000	353,000
Timor-Leste	639	1,400	2,900	4,000	4,700	13,639
Togo	5,600	7,700	9,200	8,500	7,700	38,700
Tonga	2	5	9	11	13	40

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Total Preventative Therapy (PT) targets^{1,2,3,4}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Trinidad and Tobago	586	757	850	629	462	3,285
Tunisia	489	961	1,500	1,800	2,000	6,751
Turkey	2,600	4,900	7,800	12,100	13,800	41,200
Turkmenistan	440	885	1,500	1,900	2,300	7,025
Uganda	76,800	101,600	132,300	155,800	149,800	616,300
Ukraine	17,500	24,800	34,600	50,800	55,900	183,600
United Republic of Tanzania	87,100	127,500	181,200	173,800	167,600	737,200
Uruguay	797	1,200	1,700	1,800	1,800	7,297
Uzbekistan	5,400	9,300	13,600	18,100	20,700	67,100
Vanuatu	14	30	59	81	95	280
Venezuela (Bolivarian Republic of)	9,000	14,300	22,200	28,100	30,300	103,900
Viet Nam	19,400	38,400	61,600	80,600	91,500	291,500
West Bank and Gaza Strip	13	30	50	65	76	234
Yemen	1,700	3,700	7,100	9,000	10,500	32,000
Zambia	59,100	80,200	94,300	107,300	100,000	440,900
Zimbabwe	76,500	96,900	107,000	155,200	154,100	589,700
TOTAL	2,783,740	4,686,778	7,153,206	8,762,892	9,586,217	32,972,834

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Preventative Therapy (PT) targets for under-five Child Contacts^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Afghanistan	4,900	8,800	12,600	14,900	16,700	57,900
Albania	46	77	109	128	144	505
Algeria	1,300	2,200	3,000	3,500	3,900	13,900
Angola	8,500	14,000	23,500	30,800	34,500	111,300
Argentina	1,300	2,000	2,500	2,900	3,200	11,900
Armenia	23	32	39	45	52	190
Azerbaijan	288	431	564	690	820	2,792
Bahamas	4	6	8	9	10	37
Bangladesh	21,200	36,100	55,200	67,800	76,000	256,300
Barbados	1	1	2	2	2	8
Belarus	402	557	685	813	955	3,412
Belize	16	27	35	41	45	165
Benin	618	1,100	1,800	2,200	2,500	8,218
Bhutan	86	133	163	189	209	781
Bolivia (Plurinational State of)	1,100	1,700	2,600	3,300	3,700	12,400
Botswana	473	768	1,000	1,200	1,300	4,741
Brazil	5,400	8,300	10,400	12,200	13,700	50,000
Burkina Faso	1,100	1,900	3,100	3,600	4,100	13,800
Burundi	1,100	2,000	3,300	3,800	4,300	14,500
Cabo Verde	36	62	109	145	163	515
Cambodia	1,800	2,900	4,400	5,400	6,000	20,500
Cameroon	3,400	5,900	10,300	12,600	14,100	46,300
Central African Republic	1,200	2,000	3,300	4,100	4,600	15,200
Chad	1,500	2,500	4,000	5,100	5,700	18,800
Chile	432	695	881	1,000	1,200	4,208
China	61,500	97,900	122,100	142,500	159,200	583,200
Colombia	802	1,300	1,800	2,100	2,300	8,302
Comoros	51	81	103	121	136	492
Congo	914	1,600	2,400	2,800	3,200	10,914
Costa Rica	62	98	121	140	156	577
Côte d'Ivoire	3,000	5,000	8,700	10,200	11,400	38,300

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Preventative Therapy (PT) targets for under-five Child Contacts^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Cuba	109	163	205	240	269	986
Democratic People's Republic of Korea	9,300	15,200	19,100	22,400	25,100	91,100
Democratic Republic of the Congo	29,600	54,200	96,400	113,400	127,200	420,800
Djibouti	212	329	401	461	512	1,915
Dominica	0	0	0	1	1	2
Dominican Republic	204	309	379	437	486	1,815
Ecuador	853	1,400	2,000	2,300	2,600	9,153
Egypt	539	894	1,400	1,700	1,900	6,432
El Salvador	648	1,100	1,800	2,200	2,500	8,248
Equatorial Guinea	193	341	605	724	818	2,681
Eritrea	133	196	237	274	308	1,148
Eswatini	355	522	607	685	761	2,931
Ethiopia	9,400	16,700	21,800	25,400	28,500	101,800
Fiji	31	52	68	79	88	319
Gabon	437	751	1,300	1,700	1,900	6,088
Gambia	307	524	812	956	1,100	3,699
Georgia	345	491	615	726	838	3,016
Ghana	1,100	2,000	3,500	4,600	5,200	16,400
Grenada	1	1	1	2	2	6
Guatemala	632	1,000	1,400	1,700	1,900	6,632
Guinea	2,200	3,900	6,300	7,900	8,900	29,200
Guinea-Bissau	367	635	1,000	1,300	1,500	4,802
Guyana	34	52	64	74	82	305
Haiti	1,500	2,600	3,500	4,100	4,500	16,200
Honduras	294	479	641	746	831	2,992
Iceland	2	4	5	7	7	25
India	151,200	284,900	355,400	414,900	463,600	1,670,000
Indonesia	27,500	65,400	82,000	96,100	107,500	378,500
Iran (Islamic Republic of)	953	1,500	1,900	2,200	2,500	9,053
Iraq	589	982	1,500	1,800	2,000	6,871
Israel	24	31	36	41	46	179

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Preventative Therapy (PT) targets for under-five Child Contacts^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Jamaica	16	31	39	46	51	182
Kazakhstan	781	1,000	1,200	1,400	1,700	6,081
Kenya	8,800	16,400	26,800	30,800	34,200	117,000
Kiribati	41	59	72	82	90	345
Kyrgyzstan	712	1,100	1,400	1,700	2,000	6,912
Lao People's Democratic Republic	855	1,500	2,300	2,800	3,100	10,555
Lesotho	450	711	1,200	1,500	1,700	5,561
Liberia	761	1,300	2,200	2,900	3,300	10,461
Madagascar	4,300	7,600	13,500	18,100	20,400	63,900
Malawi	1,600	2,600	4,100	4,900	5,500	18,700
Malaysia	3,300	5,400	6,800	8,000	8,900	32,400
Maldives	17	27	34	39	42	160
Mali	1,300	2,300	3,400	3,900	4,400	15,300
Mauritania	314	546	886	1,100	1,300	4,145
Mauritius	21	35	43	50	55	203
Mexico	3,100	5,100	6,900	8,100	9,000	32,200
Micronesia (Federated States of)	9	14	19	22	25	89
Mongolia	387	628	783	912	1,000	3,710
Montenegro	11	15	18	20	23	87
Morocco	1,900	3,100	3,900	4,500	5,000	18,400
Mozambique	8,400	14,600	25,400	34,000	38,100	120,500
Myanmar	11,300	18,200	27,700	33,500	37,600	128,300
Namibia	911	1,500	1,900	2,200	2,400	8,911
Nepal	2,300	3,500	5,200	6,400	7,200	24,600
New Zealand	35	54	68	80	89	326
Nicaragua	273	433	532	612	681	2,531
Niger	2,700	4,500	7,100	8,900	10,000	33,200
Nigeria	17,400	38,100	88,000	121,200	135,800	400,500
Oman	36	49	60	68	75	288
Pakistan	40,900	72,000	101,300	118,800	133,000	466,000
Panama	222	375	508	601	676	2,383

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Preventative Therapy (PT) targets for under-five Child Contacts^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Papua New Guinea	1,200	2,000	2,600	3,000	3,400	12,200
Paraguay	373	605	769	909	1,000	3,656
Peru	1,900	3,100	4,100	4,800	5,400	19,300
Philippines	27,000	43,500	61,500	74,100	83,200	289,300
Republic of Korea	3,900	5,300	6,400	7,300	8,100	31,000
Republic of Moldova	384	542	680	811	949	3,365
Rwanda	800	1,300	1,800	2,100	2,400	8,400
Saint Lucia	2	4	6	8	9	30
Saint Vincent and the Grenadines	0	1	1	1	1	4
Samoa	3	5	7	9	10	34
Sao Tome and Principe	9	14	20	22	24	89
Senegal	4,300	7,500	10,600	12,400	13,900	48,700
Serbia	162	237	290	335	374	1,397
Sierra Leone	2,800	4,500	6,800	8,600	9,600	32,300
Solomon Islands	29	48	62	72	80	290
Somalia	1,700	3,000	5,000	6,400	7,100	23,200
South Africa	15,400	23,900	31,000	35,000	38,500	143,800
South Sudan	1,000	1,700	2,600	3,200	3,600	12,100
Sri Lanka	873	1,600	2,400	2,800	3,100	10,773
Sudan	1,800	3,100	4,500	5,200	5,800	20,400
Suriname	18	30	39	46	50	184
Syrian Arab Republic	228	374	467	546	610	2,224
Tajikistan	680	1,000	1,400	1,600	1,900	6,580
Thailand	8,400	14,200	20,000	23,400	26,200	92,200
Timor-Leste	412	647	963	1,200	1,300	4,522
Togo	460	664	796	908	1,000	3,827
Tonga	1	2	3	3	4	14
Trinidad and Tobago	25	36	44	50	55	209
Tunisia	201	311	384	445	494	1,833
Turkey	739	1,100	1,400	1,600	1,800	6,639
Turkmenistan	284	403	490	568	637	2,382

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets for under-five Child Contacts^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Uganda	7,100	12,000	21,100	28,200	31,600	100,000
Ukraine	436	622	771	896	999	3,723
United Republic of Tanzania	7,500	14,700	28,000	32,700	36,600	119,500
Uruguay	127	210	267	313	350	1,267
Uzbekistan	1,100	1,700	2,200	2,600	3,100	10,700
Vanuatu	9	14	20	24	27	93
Venezuela (Bolivarian Republic of)	1,600	2,700	4,400	5,400	6,200	20,300
Viet Nam	5,300	8,600	10,700	12,500	13,900	51,000
West Bank and Gaza Strip	9	13	17	19	21	79
Yemen	765	1,300	2,000	2,300	2,600	8,965
Zambia	4,000	7,400	10,000	11,700	13,000	46,100
Zimbabwe	2,200	3,200	4,000	4,600	5,200	19,200
TOTAL	579,996	1,032,785	1,467,752	1,759,394	1,969,341	6,809,268

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in PLHIV^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Afghanistan	293	477	643	728	741	2,883
Albania	108	140	154	300	297	999
Algeria	794	957	979	1,659	1,544	5,932
Angola	19,190	17,347	16,004	21,921	18,454	92,917
Argentina	5,278	6,468	6,725	7,966	6,624	33,062
Armenia	101	128	137	223	210	799
Azerbaijan	874	1,304	1,673	3,154	3,587	10,592
Bahamas	371	424	419	442	319	1,975
Bangladesh	267	271	288	435	337	1,598
Barbados	70	80	78	87	60	376
Belarus	797	812	669	420	0	2,699
Belize	146	200	233	229	191	999
Benin	3,280	4,278	4,748	4,831	4,186	21,323
Bolivia (Plurinational State of)	910	1,284	1,522	1,065	838	5,619
Botswana	16,278	20,271	20,266	18,068	12,369	87,253
Brazil	14,266	14,455	11,843	7,385	0	47,950
Burkina Faso	4,083	5,014	5,276	5,260	4,316	23,949
Burundi	3,271	3,949	4,016	3,034	1,867	16,136
Cabo Verde	157	212	246	276	261	1,151
Cambodia	3,846	4,269	3,959	2,514	718	15,305
Cameroon	34,247	52,491	64,345	79,170	85,841	316,094
Central African Republic	6,459	7,348	8,609	7,703	7,052	37,169
Chad	3,953	7,028	8,663	6,832	6,271	32,747
Chile	3,749	4,261	5,010	7,163	6,765	26,948
China	13,138	14,703	13,836	19,983	15,664	77,325
Colombia	5,789	7,283	7,719	7,551	5,861	34,202
Comoros	7	7	7	10	9	39
Congo	4,721	7,468	9,657	7,498	6,986	36,330
Costa Rica	465	545	531	784	665	2,990
Côte d'Ivoire	19,584	24,017	24,175	14,909	7,797	90,482

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in PLHIV^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Cuba	1,985	2,502	2,908	6,466	6,621	20,483
Democratic Republic of the Congo	15,635	20,990	23,748	14,299	9,710	84,383
Djibouti	545	771	869	668	584	3,436
Dominican Republic	3,140	4,434	4,737	3,266	2,163	17,740
Ecuador	1,684	2,529	3,069	2,145	1,732	11,159
Egypt	774	1,233	1,672	2,591	2,728	8,999
El Salvador	1,083	1,325	1,361	1,214	866	5,850
Equatorial Guinea	2,554	3,701	4,506	4,444	4,210	19,415
Eritrea	894	1,125	1,193	1,466	1,334	6,012
Eswatini	12,241	14,284	14,119	14,183	10,486	65,313
Ethiopia	34,709	41,139	40,876	44,994	34,730	196,447
Fiji	6	8	7	14	12	47
Gabon	2,260	2,673	2,652	2,220	1,423	11,228
Gambia	1,112	1,612	1,935	1,270	1,017	6,946
Ghana	13,997	17,732	19,275	21,489	18,734	91,228
Guatemala	2,245	3,109	3,640	2,961	2,468	14,424
Guinea	5,985	8,604	10,260	7,189	5,866	37,904
Guinea-Bissau	1,584	2,138	2,412	1,469	974	8,576
Guyana	376	431	431	515	415	2,167
Haiti	7,094	9,442	10,511	12,542	12,408	51,998
Honduras	1,346	1,664	1,781	3,112	3,192	11,095
India	108,416	130,239	132,477	137,530	103,593	612,254
Indonesia	8,105	7,476	6,040	5,867	3,179	30,666
Iran (Islamic Republic of)	737	1,287	2,033	1,212	806	6,075
Jamaica	905	957	839	871	483	4,055
Kazakhstan	1,627	1,674	1,598	2,272	1,907	9,078
Kenya	154,323	153,536	141,575	100,257	67,256	616,947
Kyrgyzstan	1,009	1,045	987	1,122	990	5,154
Lao People's Democratic Republic	626	834	933	587	384	3,364
Lesotho	17,540	22,368	24,152	23,699	19,629	107,387

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in PLHIV^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Liberia	2,233	3,234	3,850	2,730	2,232	14,280
Madagascar	1,287	2,383	3,574	5,196	5,956	18,396
Malawi	47,407	59,809	64,060	79,512	73,260	324,047
Malaysia	3,705	5,006	5,447	5,137	4,345	23,640
Mali	4,289	5,910	6,817	4,807	3,738	25,561
Mauritania	396	880	1,055	512	340	3,183
Mexico	12,347	16,122	17,906	19,225	16,505	82,104
Mongolia	15	20	24	22	18	99
Montenegro	31	47	48	112	118	356
Morocco	1,138	1,556	1,432	1,078	722	5,926
Mozambique	206,102	191,428	161,297	150,812	99,277	808,917
Myanmar	13,206	16,170	16,868	15,321	11,019	72,582
Namibia	13,616	17,640	18,790	25,482	24,859	100,388
Nepal	2,222	2,010	1,651	710	43	6,635
New Zealand	177	201	208	259	219	1,064
Nicaragua	575	702	827	629	475	3,208
Niger	2,526	3,468	4,125	3,978	3,743	17,839
Nigeria	174,673	264,656	331,386	247,765	221,462	1,239,941
Pakistan	6,369	10,777	15,303	20,462	21,529	74,439
Panama	750	1,407	1,579	2,915	3,133	9,784
Papua New Guinea	2,345	2,675	2,627	2,920	2,230	12,797
Paraguay	719	981	1,156	1,827	1,909	6,593
Peru	3,827	4,584	4,610	3,596	2,204	18,821
Philippines	4,826	6,700	9,997	14,383	13,191	49,097
Republic of Moldova	616	899	1,121	1,259	1,155	5,050
Rwanda	11,229	12,865	12,504	18,024	15,894	70,516
Senegal	1,679	1,965	1,924	1,353	674	7,595
Serbia	152	192	205	305	276	1,129
Sierra Leone	6,364	7,652	8,265	6,078	5,175	33,534
Somalia	916	1,259	809	1,103	881	4,967

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in PLHIV^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
South Africa	392,089	459,797	506,359	437,928	344,891	2,141,064
South Sudan	2,181	2,986	3,421	2,440	1,758	12,787
Sri Lanka	137	196	244	393	392	1,362
Sudan	2,188	3,339	4,159	3,517	3,302	16,504
Suriname	166	168	274	313	263	1,184
Syrian Arab Republic	39	57	71	83	81	330
Tajikistan	850	1,116	1,235	1,361	1,292	5,853
Thailand	20,858	23,433	20,705	10,837	136	75,969
Togo	4,860	6,277	6,827	5,407	4,036	27,407
Trinidad and Tobago	548	679	720	460	265	2,671
Tunisia	177	279	355	304	276	1,391
Turkey	1,287	1,857	2,316	4,800	5,060	15,319
Uganda	66,754	78,886	80,114	77,529	57,319	360,602
Ukraine	16,265	21,767	28,973	43,064	46,630	156,700
United Republic of Tanzania	76,161	98,088	106,717	75,820	51,964	408,749
Uruguay	600	783	859	704	531	3,476
Uzbekistan	3,507	5,145	6,058	7,833	7,732	30,276
Venezuela (Bolivarian Republic of)	6,515	8,333	9,055	9,748	8,161	41,813
Viet Nam	8,331	9,495	9,012	9,227	6,348	42,413
Yemen	553	881	1,161	1,139	1,116	4,850
Zambia	53,393	65,986	69,015	74,229	61,180	323,803
Zimbabwe	73,102	90,032	95,452	139,944	136,049	534,579
TOTAL	1,827,323	2,191,129	2,337,597	2,198,125	1,795,092	10,349,266

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in contacts more than 5 years of age^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Afghanistan	2,690	10,510	25,060	35,472	43,065	116,797
Albania	25	93	216	306	373	1,013
Algeria	738	2,660	5,941	8,392	10,176	27,907
Angola	3,688	13,179	36,686	57,999	70,214	181,767
Argentina	741	2,351	4,884	6,869	8,285	23,130
Armenia	29	89	180	254	319	871
Azerbaijan	322	1,047	2,267	3,341	4,297	11,274
Bahamas	2	8	16	22	25	73
Bangladesh	15,925	58,967	148,958	220,278	267,362	711,491
Barbados	0	1	3	5	6	16
Belarus	222	667	1,358	1,939	2,468	6,654
Belize	9	33	70	98	116	326
Benin	302	1,127	3,238	4,642	5,635	14,944
Bhutan	47	160	324	450	541	1,522
Bolivia (Plurinational State of)	580	2,054	5,218	7,918	9,590	25,360
Botswana	261	920	2,008	2,780	3,328	9,297
Brazil	4,734	15,668	32,589	46,046	55,915	154,952
Burkina Faso	490	1,872	5,054	7,138	8,661	23,215
Burundi	478	1,842	4,909	6,908	8,352	22,489
Cabo Verde	20	75	216	347	420	1,077
Cambodia	1,321	4,627	11,880	17,433	21,115	56,376
Cameroon	1,619	6,137	17,736	25,936	31,449	82,877
Central African Republic	577	2,111	5,641	8,595	10,359	27,282
Chad	641	2,295	6,048	9,186	11,165	29,335
Chile	238	832	1,745	2,470	2,991	8,277
China	33,890	117,306	242,069	340,027	411,362	1,144,653
Colombia	743	2,700	5,901	8,375	10,189	27,907
Comoros	28	98	204	289	352	970
Congo	394	1,518	3,732	5,271	6,389	17,304

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in contacts more than 5 years of age^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Costa Rica	34	118	239	334	404	1,129
Côte d'Ivoire	1,529	5,573	15,954	22,611	27,305	72,973
Cuba	60	195	406	572	695	1,928
Democratic People's Republic of Korea	5,128	18,232	37,903	53,497	64,891	179,652
Democratic Republic of the Congo	11,709	46,599	137,098	194,192	235,874	625,472
Djibouti	117	395	794	1,100	1,322	3,727
Dominica	0	0	1	1	2	4
Dominican Republic	159	521	1,058	1,471	1,769	4,977
Ecuador	470	1,688	3,958	5,583	6,759	18,458
Egypt	386	1,393	3,587	5,157	6,263	16,787
El Salvador	357	1,345	3,577	5,217	6,431	16,927
Equatorial Guinea	107	408	1,200	1,728	2,112	5,555
Eritrea	70	223	447	623	759	2,123
Eswatini	200	639	1,230	1,671	2,009	5,750
Ethiopia	4,902	18,889	40,897	57,365	69,685	191,739
Fiji	17	62	134	189	228	631
Gabon	226	844	2,430	3,729	4,511	11,739
Gambia	169	627	1,609	2,282	2,775	7,462
Georgia	190	588	1,219	1,733	2,166	5,897
Ghana	662	2,498	7,200	11,532	13,969	35,861
Grenada	0	1	3	4	5	13
Guatemala	324	1,163	2,643	3,744	4,558	12,433
Guinea	1,177	4,471	12,026	18,133	22,057	57,864
Guinea-Bissau	202	761	2,032	3,105	3,766	9,866
Guyana	27	91	186	259	311	874
Haiti	1,035	3,787	8,369	11,769	14,256	39,217
Honduras	210	745	1,650	2,312	2,789	7,706
Iceland	1	5	11	16	19	51
India	118,499	485,178	1,001,408	1,407,252	1,702,773	4,715,111

1. Produced by Stop TB Partnership.

2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in contacts more than 5 years of age^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Indonesia	22,942	118,561	246,068	346,911	420,433	1,154,915
Iran (Islamic Republic of)	525	1,811	3,771	5,264	6,379	17,751
Iraq	325	1,176	2,921	4,298	5,222	13,943
Israel	13	38	72	98	119	339
Jamaica	9	37	78	109	130	363
Kazakhstan	787	2,245	4,463	6,297	7,996	21,789
Kenya	4,396	17,683	47,921	66,368	79,639	216,006
Kiribati	23	71	143	196	232	665
Kyrgyzstan	392	1,297	2,838	4,138	5,252	13,917
Lao People's Democratic Republic	471	1,760	4,474	6,678	8,075	21,460
Lesotho	274	940	2,539	3,953	4,751	12,458
Liberia	383	1,431	3,970	6,273	7,725	19,782
Madagascar	2,193	8,469	24,778	40,038	48,715	124,193
Malawi	718	2,568	6,783	9,607	11,702	31,380
Malaysia	1,843	6,452	13,433	18,980	23,040	63,748
Maldives	15	52	106	146	172	491
Mali	552	2,090	5,135	7,256	8,810	23,844
Mauritania	192	724	1,946	2,990	3,621	9,473
Mauritius	12	42	85	118	143	399
Mexico	1,692	6,122	13,631	19,277	23,377	64,099
Micronesia (Federated States of)	5	17	38	53	63	176
Mongolia	213	752	1,552	2,176	2,625	7,318
Montenegro	6	18	35	49	59	167
Morocco	1,747	6,063	12,588	17,714	21,403	59,514
Mozambique	3,570	13,475	38,752	62,586	75,859	194,242
Myanmar	6,239	21,762	54,858	79,993	97,021	259,874
Namibia	566	1,988	4,178	5,851	7,053	19,637
Nepal	1,679	5,676	13,964	20,614	24,983	66,915
New Zealand	19	65	135	190	230	639

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2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in contacts more than 5 years of age^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Nicaragua	191	657	1,335	1,851	2,228	6,262
Niger	973	3,505	9,206	13,953	16,909	44,547
Nigeria	8,044	38,149	145,869	241,730	293,291	727,082
Oman	20	59	118	162	193	553
Pakistan	27,191	103,969	241,967	341,597	414,144	1,128,867
Panama	123	449	1,008	1,435	1,746	4,760
Papua New Guinea	641	2,388	5,079	7,191	8,738	24,039
Paraguay	210	741	1,557	2,216	2,701	7,424
Peru	1,671	5,997	13,067	18,428	22,321	61,484
Philippines	20,775	72,573	169,799	246,391	299,506	809,045
Republic of Korea	2,149	6,349	12,715	17,486	20,839	59,537
Republic of Moldova	212	649	1,347	1,934	2,451	6,593
Rwanda	389	1,380	3,136	4,437	5,381	14,725
Saint Lucia	1	5	13	19	23	60
Saint Vincent and the Grenadines	0	1	2	2	3	8
Samoa	2	6	15	22	27	70
Sao Tome and Principe	4	15	34	47	55	156
Senegal	2,299	8,754	20,559	28,953	35,102	95,666
Serbia	89	284	574	799	966	2,713
Sierra Leone	1,396	4,980	12,378	18,812	22,883	60,449
Solomon Islands	16	58	123	172	206	573
Somalia	955	3,651	9,852	15,167	18,435	48,059
South Africa	11,793	39,867	85,485	116,347	138,379	391,870
South Sudan	552	2,044	5,142	7,618	9,272	24,628
Sri Lanka	481	1,929	4,689	6,608	8,010	21,718
Sudan	973	3,704	8,882	12,475	15,075	41,108
Suriname	10	36	78	109	130	363
Syrian Arab Republic	126	448	926	1,302	1,576	4,377
Tajikistan	404	1,317	2,896	4,248	5,436	14,301

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2. TIME model implemented by Avenir Health .

3. Current incidence estimates and notifications taken from WHO data in the public domain.

4. Total targets are a summation of targets for PLHIV and contacts.

Preventative Therapy (PT) targets in contacts more than 5 years of age^{1,2,3}

Country Name	2018	2019	2020	2021	2022	Cumulative 2018-2022
Thailand	4,636	17,036	39,663	55,810	67,650	184,795
Timor-Leste	227	775	1,909	2,789	3,390	9,090
Togo	258	807	1,601	2,198	2,629	7,492
Tonga	1	3	6	8	10	27
Trinidad and Tobago	14	43	86	119	142	405
Tunisia	111	372	761	1,061	1,275	3,579
Turkey	603	1,967	4,064	5,713	6,912	19,259
Turkmenistan	156	482	972	1,355	1,645	4,611
Uganda	2,908	10,730	31,127	50,082	60,919	155,765
Ukraine	766	2,378	4,871	6,816	8,230	23,061
United Republic of Tanzania	3,449	14,720	46,459	65,261	78,988	208,877
Uruguay	70	252	529	746	904	2,501
Uzbekistan	771	2,454	5,294	7,708	9,821	26,049
Vanuatu	5	16	39	57	69	187
Venezuela (Bolivarian Republic of)	881	3,288	8,754	12,909	15,940	41,772
Viet Nam	5,763	20,296	41,908	58,880	71,224	198,071
West Bank and Gaza Strip	5	16	33	46	55	155
Yemen	422	1,502	3,961	5,592	6,750	18,227
Zambia	1,708	6,813	15,251	21,392	25,825	70,989
Zimbabwe	1,189	3,643	7,598	10,618	12,813	35,861
TOTAL	376,161	1,462,925	3,347,412	4,804,860	5,821,029	15,812,387

1. Produced by Stop TB Partnership.
2. TIME model implemented by Avenir Health .
3. Current incidence estimates and notifications taken from WHO data in the public domain.
4. Total targets are a summation of targets for PLHIV and contacts.