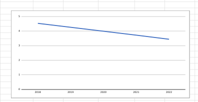
	Value													
Costs ($m)														
Fixed costs of program (first 2 years) for a country/Indian state	$1.5	Assume fixed costs are around 40% of budget, averaging across Bihar and UP												
Variable costs of program per child reached (first 2 years)	$0.000029													
Ongoing annual funding needed after initial 2 years, per child reached	$0.000009	Assume equal to half of the annual cost in the initial two years of the program, and that these costs are all variable												
									Pilot (bihar + UP)					
									Non-commodity cost to implementer	$7,577,794				
								41	**TOTAL INTERVENTION COST TO IMPLE**	$8,761,207.11				
								69	**Total <5 reached**	252,543				
Additional funding required in Bihar and UP after 2 year pilot ($m)	**$8.8**													
		Implementer suggestion (% coverage - assumes that we will partially implement across the district vs full scale operation - implementer has adjusted using TB report figures)												
Additional implementation locations	Number of years of additional funding required for full transition to government	***% of U5 intervention population reached by program per year***	% of intervention population under 5	***Total population (m)***	***Total intervention population (m)***	***% of intervention population targeted***	***Number of children reached per region per year***	***How many regions***	***Total number of children per year***	***Health costs indexed to India***	***Cost ($m)***	***Est. BOTEC***	***Annual cost ($m)***	
Indian states/UTs	4	0.38%	7.2%	1,400	562.9	100%	9,276	16	148,415.0	1.00	$33.66	9	$8.4	
Bangladesh	10	0.38%	8.5%	171	68.1	100%	947	22	20,839.0	1.34	$48.05	9	$4.8	
Cameroon	10	0.57%	13.2%	29	13.1	100%	1,298	3	9,893.0	2.30	$13.09	11	$1.3	
DRC	10	0.72%	17.7%	104	43.2	65%	11,019	5	55,093.0	1.84	$25.60	10	$2.6	
Ethiopia	10	0.40%	14.7%	123	58.9	100%	5,842	6	35,053.0	1.21	$15.92	1	$1.6	
Indonesia	4	1.13%	8.2%	275	116.4	100%	9,739	11	107,128.0	1.38	$12.45	12	$8.1	
Kenya	10	0.55%	13.1%	54	14.5	100%	5,258	2	10,515.0	1.67	$7.09	13	$0.7	
Mozambique	10	1.42%	15.4%	33	15.4	100%	4,795	7	33,566.0	1.75	$25.40	8	$2.5	
Myanmar	10	1.17%	6.5%	54	7.7	100%	6,916	1	6,916.0	0.60	$2.08	14	$0.2	
Nigeria	10	0.98%	14.6%	218	95.0	100%	9,500	14	132,999.0	1.45	$53.17	15	$5.3	
Pakistan	10	1.12%	12.3%	235	175.6	100%	121,480	2	242,960.0	1.29	$40.02	19	$4.0	
Philippines	4	1.40%	9.9%	114	63.2	100%	12,521	7	87,649.0	1.91	$30.90	10	$7.7	
South Africa	4	1.87%	9.5%	60	39.0	100%	9,947	7	69,626.0	2.89	$43.38	4	$10.8	
Tanzania	10	0.92%	16.0%	69	33.0	100%	4,821	10	48,211.0	1.26	$26.18	7	$2.6	
Uganda	10	1.21%	16.7%	50	26.9	100%	27,296	2	54,591.0	1.09	$10.17	16	$1.0	
Vietnam	10	0.27%	6.9%	99	38.30	100%	3,529	2	7,058.0	1.28	$4.91	10	$0.5	
Zambia	10	1.54%	13.0%	21	6.25	100%	6,234	2	12,468.0	1.52	$6.79	14	$0.7	
Total RFMF (one-off) at all levels of cost-effectiveness ($m)	$428	Calc												
Total RFMF (at >12x) ($m)	$119	Calc												
Annual RFMF over 10 years ($m)	$11.93	Calc												
Total RFMF (at >10x) ($m)	$201	Calc												
Annual RFMF over 10 years ($m)	$20.07	Calc												
Total RFMF (at >8x) ($m)	$333	Calc												
Annual RFMF over 10 years ($m)	$33.34	Calc												
Bihar & UP as % of RFMF at 10x	4%													
Bihar & UP as % of RFMF at 8x	3%													

Bangladesh

				Average HH Size						7 Source:									
Division	District	Population	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Chittagong Division	Bandarban	388,335	A	5.46	5.22	4.98	4.73	4.49		4.04	21.50%	10.2%	0.5	573	51,065	123,396	0.4138284306	1.01	240
Chittagong Division	Brahmanbaria	2,840,498	B	5.05	4.75	4.45	4.15	3.85		3.25	19.70%	9.4%	3.6	4,188	342,237	1,121,991	0.3050266823	1.01	1,289
Chittagong Division	Comilla	5,387,288	B	5.05	4.75	4.45	4.15	3.85		3.25	19.70%	9.4%	6.9	7,942	649,087	2,127,969	0.3050263864	1.01	2,444
Chittagong Division	Khagrachari	613,917	C	4.68	4.41	4.14	3.87	3.59		2.99	18.70%	8.9%	0.8	905	70,213	263,582	0.2663804816	1.01	244
Dhaka Division	Gazipur	3,403,912	D	4.21	3.97	3.73	3.48	3.24		2.79	17.90%	8.5%	4.4	5,018	372,648	1,566,219	0.2379282887	1.01	1,205
Dhaka Division	Narsingdi	2,224,944	D	4.21	3.97	3.73	3.48	3.24		2.79	17.90%	8.5%	2.9	3,280	243,579	1,023,749	0.2379283304	1.01	788
Dhaka Division	Tangail	3,605,083	E	4.26	3.98	3.7	3.41	3.13		2.60	16.30%	7.8%	4.6	5,315	359,393	1,780,000	0.2019062632	1.01	1,083
Mymensingh Division	Mymensingh	5,110,272	C	4.68	4.36	4.04	3.72	3.4		2.99	18.00%	8.6%	6.6	7,533	562,578	2,194,074	0.2564078271	1.01	1,948
Mymensingh Division	Netrakona	2,229,642	C	4.68	4.36	4.04	3.72	3.4		2.99	18.00%	8.6%	2.9	3,287	245,457	957,288	0.2564087379	1.01	850
Mymensingh Division	Sherpur	1,358,325	E	4.26	3.98	3.7	3.41	3.13		2.60	16.60%	7.9%	1.7	2,003	137,905	670,669	0.2056229329	1.01	416
Rajshahi Division	Naogaon	2,600,157	F	4.05	3.81	3.57	3.33	3.09		2.61	14.20%	6.8%	3.3	3,833	225,816	1,278,904	0.1765697215	1.01	683
Rangpur Division	Dinajpur	2,990,128	G	4.35	4.15	3.95	3.75	3.56		3.22	16.60%	7.9%	3.8	4,408	303,575	1,192,099	0.2546555874	1.01	1,133
Rangpur Division	Kurigram	2,069,273	E	4.26	3.97	3.68	3.4	3.11		2.60	17.40%	8.3%	2.7	3,051	220,208	1,021,700	0.2155312996	1.01	664
Rangpur Division	Lalmonirhat	1,256,099	E	4.26	3.97	3.68	3.4	3.11		2.60	17.40%	8.3%	1.6	1,852	133,672	620,196	0.2155325453	1.01	403
Rangpur Division	Nilphamari	1,834,231	G	4.35	4.15	3.95	3.75	3.56		3.22	16.60%	7.9%	2.4	2,704	186,221	731,267	0.2546555549	1.01	695
Rangpur Division	Panchagarh	987,644	G	4.35	4.15	3.95	3.75	3.56		3.22	16.60%	7.9%	1.3	1,456	100,272	393,752	0.2546576737	1.01	374
Rangpur Division	Rangpur	2,881,086	E	4.26	3.97	3.68	3.4	3.11		2.60	17.40%	8.3%	3.7	4,247	306,600	1,422,531	0.2155316516	1.01	924
Rangpur Division	Thakurgaon	1,390,042	G	4.35	4.15	3.95	3.75	3.56		3.22	16.60%	7.9%	1.8	2,050	141,125	554,180	0.2546547277	1.01	527
Sylhet Division	Habiganj	2,089,001	H	5.78	5.43	5.08	4.72	4.37		3.70	19.80%	9.4%	2.7	3,080	252,971	724,795	0.3490238787	1.01	1,085
Sylhet Division	Moulvibazar	1,919,062	I	5.61	5.22	4.83	4.44	4.06		3.34	18.80%	9.0%	2.5	2,829	220,655	737,599	0.2991531602	1.01	854
Sylhet Division	Sunamganj	2,467,968	H	5.78	5.43	5.08	4.72	4.37		3.70	19.80%	9.4%	3.2	3,638	298,862	856,281	0.3490233305	1.01	1,281
Sylhet Division	Sylhet	3,434,188	I	5.61	5.22	4.83	4.44	4.06		3.34	18.80%	9.0%	4.4	5,063	394,864	1,319,946	0.2991518455	1.01	1,528
	TOTAL	133,204,117	J	4.53	4.26	3.99	3.72	3.44		2.84	17.60%	8.4%	171.0	196,351	14,338,253	60,211,268	0.2381323949	1.01	
	TOTAL (summary)	171																	

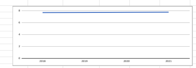
% of US population reached by program in 0.36%
% of intervention population under 5 8.5%



Cameroon

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Centre	3,905,000		7.69	7.75	7.81	7.87			8.05	27.60%	13.4%	6.5	5,031	863,104	802,585	1.075405175	1.01	5,457
Est	830,000		7.97	8.04	8.11	8.18			8.39	33.40%	16.2%	1.4	1,070	222,004	163,675	1.356368029	1.01	1,464
Littoral	3,178,000		6.04	6.02	5.99	5.97			5.90	25.50%	12.3%	5.3	4,095	648,974	891,638	0.7278450108	1.01	3,006
TOTAL	17,528,000		7.7	7.72	7.75	7.77			7.57	31.70%	15.3%	29.0	22,581	4,449,632	3,830,911	1.161507556	1.01	
TOTAL (summary)	29																	

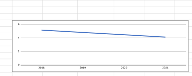
% of US population reached by program in 0.57%
% of intervention population under 5 13.2%



Democratic Republic of the Congo

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
KINSHASA	17,071,000		5.45	4.98	4.51	4.03			2.61	28.60%	14.9%	16.5	33,653	2,470,264	6,326,117	0.3904866269	1.01	13,253
KASAI ORIENTAL	9,459,600		5.06	4.69	4.31	3.94			2.82	36.70%	19.2%	9.2	18,648	1,756,537	3,252,893	0.5399921369	1.01	10,156
MANIEMA	2,856,300		5.36	5.08	4.79	4.51			3.66	36.30%	19.0%	2.8	5,631	524,601	756,593	0.6933725055	1.01	3,938
SOUTH KIVU	7,066,400		5.89	5.69	5.49	5.28			4.67	37.70%	19.7%	6.8	13,931	1,347,901	1,464,514	0.9203745296	1.01	12,931
NORTH KIVU	8,147,400		5.99	5.78	5.56	5.35			4.71	37.20%	19.4%	7.9	16,062	1,533,487	1,676,713	0.9145795919	1.01	14,815
TOTAL	107,361,700		5.17	4.82	4.48	4.13			3.09	34.80%	18.2%	104.0	211,644	18,903,703	33,624,313	0.5622033966	1.01	
TOTAL (summary)	104																	

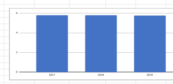
% of US population reached by program in 0.72%
% of intervention population under 5 17.7%



Ethiopia

			Average HH Size							8 Source									
Region	Population	HH trend	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Addis Ababa (city)	3,945,000		4.92	4.9	4.87					4.57	16.10%	7.4%	4.8	3,137	356,773	1,054,140	0.3384489203	1.01	1,071
Afar Region	2,076,000		6	5.95	5.89					5.44	34.30%	15.8%	2.5	1,651	399,982	466,011	0.8583093221	1.01	1,430
Dire Dawa (city)	551,000		5.8	5.85	5.9					6.15	27.70%	12.7%	0.7	439	85,734	109,407	0.7836266357	1.01	347
Gambela Region	525,000		5.19	4.93	4.68					3.58	28.10%	12.9%	0.6	418	82,868	179,078	0.4627492432	1.01	196
Harari Region	283,000		5.18	5.12	5.06					4.76	27.70%	12.7%	0.3	226	44,035	72,601	0.6065279476	1.01	139
Oromia Region	40,884,000		6.22	6.26	6.29					6.29	33.60%	15.5%	49.9	32,506	7,716,332	7,937,258	0.9721659388	1.01	31,870
TOTAL	100,725,032		5.81	5.79	5.76					5.46	31.50%	14.5%	123.0	80,083	17,822,399	22,527,473	0.7911406411	1.01	
TOTAL (summary)	123																		

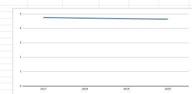
% of US population reached by program in 0.40%
% of intervention population under 5 14.7%



Indonesia

			Average HH Size							8 Source									
Region	Population (2022)	HH trend	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Papua island	5,040,497		6.03	6.11	6.19	6.27				6.59	26.10%	10.3%	5.0	11,955	520,016	762,724	0.6817884192	1.01	8,221
North Sulawesi	2,659,500		4.76	4.69	4.63	4.56				4.30	18.90%	7.5%	2.7	6,308	198,686	617,184	0.3219231053	1.01	2,048
Gorontalo	1,192,700		5.41	5.35	5.29	5.24				5.01	21.40%	8.5%	1.2	2,829	100,890	237,443	0.4249021466	1.01	1,213
West Papua	561,403		6.03	6.11	6.19	6.27				6.59	26.10%	10.3%	0.6	1,332	57,919	84,951	0.6817928498	1.01	916
West Sulawesi	1,458,600		5.44	5.38	5.33	5.27				5.047	22.00%	8.7%	1.5	3,460	126,842	288,193	0.4401286549	1.01	1,536
South Sulawesi	9,225,800		5.44	5.38	5.33	5.27				5.047	22.00%	8.7%	9.2	21,880	802,287	1,822,847	0.4401285061	1.01	9,712
West Java	49,405,800		4.66	4.61	4.56	4.51				4.31	19.50%	7.7%	49.3	117,172	3,808,164	11,430,891	0.3331467118	1.01	39,368
Jakarta	10,680,000		5.06	5.06	5.06	5.05				5.041	17.60%	7.0%	10.7	25,329	742,997	2,112,682	0.3516841634	1.01	8,984
Banten	12,252,000		4.94	4.9	4.85	4.81				4.633	20.80%	8.2%	12.2	29,057	1,007,334	2,637,084	0.3819877612	1.01	11,194
Lampung	9,176,600		4.35	4.28	4.22	4.15				3.887	19.80%	7.8%	9.2	21,764	718,209	2,354,217	0.3050732236	1.01	6,697
North Sumatra	15,115,200		5.14	5.13	5.13	5.12				5.097	23.60%	9.4%	15.1	35,848	1,410,032	2,957,187	0.4768154329	1.01	17,239
TOTAL	275,774,000		4.75	4.71	4.67	4.64				4.489	19.80%	7.8%	275.0	654,028	21,583,482	61,260,860	0.352320916	1.01	
TOTAL (summary)	275																		

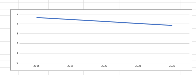
% of US population reached by program in 1.13%
% of intervention population under 5 8.2%



Kenya

			Average HH Size						7 Source									
Region	Population (2019)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Coast	3,121,141		5.07	4.81	4.55	4.3	4.04		3.526	31.3%	13.2%	3.5	5,119	467,091	1,004,949	0.4647904873	1.01	2,400
Nyanza	9,673,469		4.98	4.8	4.61	4.43	4.24		3.872	31.1%	13.1%	11.0	15,865	1,438,421	2,836,348	0.5071382401	1.01	8,115
TOTAL	47,564,296		4.66	4.46	4.26	4.05	3.85		3.872	30.1%	12.7%	54.0	78,008					
TOTAL (summary)	54																	

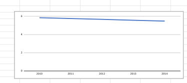
% of US population reached by program in 0.55%
% of intervention population under 5 13.1%



Mozambique

											Average HH Size							15 Source										
	Region	Population (2017)	HH trend	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
South	Gaza	1,446,654		6.67	6.56	6.45	6.34	6.23										5.13	34.2%	16.1%	1.7	5340	265,724	322,431	0.8241277135	1.01	4,439
South	Inhambane	1,496,824		5.94	5.79	5.64	5.49	5.34										3.84	32.8%	15.4%	1.7	5525	263,685	445,686	0.5916374704	1.01	3,297
Central	Manica	1,911,237		6.04	5.74	5.44	5.15	4.85										1.88	36.0%	16.9%	2.2	7055	369,536	1,162,375	0.3179147216	1.01	2,262
South	Maputo City	1,101,170		6.72	6.51	6.3	6.09	5.88										3.78	24.2%	11.4%	1.3	4065	143,123	333,083	0.4296929032	1.01	1,762
South	Maputo	2,507,098		6.04	5.88	5.72	5.56	5.4										3.80	29.0%	13.6%	2.9	9254	390,490	754,358	0.5176450141	1.01	4,831
Central	Sofala	2,221,803		7.15	7.1	7.05	7.01	6.96										6.49	34.5%	16.2%	2.5	8201	411,684	391,427	1.0517528	1.01	8,699
Central	Tete	2,764,169		5.79	5.72	5.66	5.59	5.53										4.88	35.1%	16.5%	3.2	10203	521,089	647,907	0.804264352	1.01	8,276
	TOTAL	28,861,863		5.85	5.76	5.67	5.57	5.48										4.55	34.0%	16.0%	33.0	106529	5,270,389	7,252,747	0.726674828	1.01	
	TOTAL (summary)	33																									

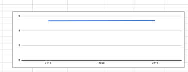
% of US population reached by program in 1.42%
% of intervention population under 5 15.4%



Myanmar

			Average HH Size							8 Source									
Region	Population	HH trend	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Yangon Region	7,360,703		5.21	5.23	5.25					6.79	15.6	6.5%	7.7	15471	503,915	1,136,978	0.4432052918	1.01	6,916
TOTAL	51,486,253		5.34	5.35	5.37					5.62	19.2	8.0%	54.0						
TOTAL (summary)	54																		

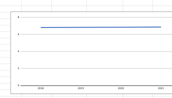
% of US population reached by program in 1.37%
% of intervention population under 5 6.5%



Nigeria

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Akwa Ibom	4,979,400		5.18	5.08	4.98	4.87			4.564	26.40%	9.3%	5.01	6,385	464,734	1,097,139	0.42358676	1.01	2,728
Anambra	5,953,500		5.3	5.26	5.22	5.19			5.076	27.30%	11.5%	5.99	7,634	688,245	1,179,455	0.5835279106	1.01	4,493
Bauchi	8,308,800		8.67	8.68	8.7	8.71			8.4912	40.30%	13.8%	8.36	10,654	1,150,520	984,010	1.1692155	1.01	12,563
Benue	6,141,300		5.63	5.43	5.23	5.04			4.6412	32.50%	11.2%	6.18	7,875	690,016	1,330,640	0.5185593358	1.01	4,119
Cross River	4,406,200		4.64	4.46	4.28	4.11			3.7712	31.20%	11.2%	4.43	5,650	498,113	1,174,938	0.4239481872	1.01	2,416
Delta	5,636,100		4.91	4.76	4.62	4.47			3.7712	27.20%	11.8%	5.67	7,227	667,783	1,502,898	0.4443300328	1.01	3,239
Imo	5,459,300		6.49	6.77	7.05	7.33			8.17	24.60%	14.2%	5.49	7,001	777,628	671,963	1.157247845	1.01	8,171
Kaduna	9,032,200		7.47	7.62	7.76	7.91			8.6088	33.60%	18.8%	9.08	11,582	1,710,177	1,055,070	1.620913345	1.01	18,933
Kano	15,462,200		8.95	8.99	9.03	9.07			9.19	37.10%	18.3%	15.55	19,827	2,849,228	1,691,945	1.683995509	1.01	33,673
Katsina	10,368,500		8.87	9.06	9.25	9.45			10.2212	41.30%	16.2%	10.43	13,295	1,684,014	1,020,104	1.650825832	1.01	22,135
Nasarawa	2,886,000		7.36	7.14	6.93	6.71			5.8012	31.70%	12.8%	2.90	3,701	371,128	500,275	0.7418483186	1.01	2,769
Plateau	4,717,300		6.13	6.07	6	5.94			6.0088	31.30%	13.2%	4.74	6,049	625,763	789,471	0.7926361045	1.01	4,836
Rivers	7,476,800		4.98	4.96	4.94	4.93			5.0712	26.10%	13.8%	7.52	9,588	1,036,180	1,482,639	0.6988752103	1.01	6,758
Taraba	3,609,800		7.71	7.66	7.6	7.55			7.6488	35.50%	17.3%	3.63	4,629	626,773	474,592	1.320656169	1.01	6,166
TOTAL	216,783,400		6.81	6.83	6.84	6.86			7.1688	32.70%	15.9%	218.00	277,967	34,671,447	30,409,553	1.140149844	1.01	
TOTAL (summary)	218																	

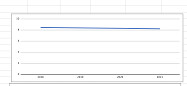
% of US population reached by program in 0.96%
% of intervention population under 5 14.6%



Pakistan

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Punjab	110,012,615		7.82	7.74	7.65	7.57			7.32	26.80%	12.3%	122.4	181,144	15,032,918	16,725,415	0.8988068724	1.01	164,198
Sindh	47,854,510		8.61	8.5	8.39	8.28			7.95	27.50%	12.5%	53.2	78,796	6,636,785	6,696,120	0.9911389717	1.01	78,762
TOTAL	211,251,787		8.45	8.37	8.29	8.21			7.97	27.20%	12.3%	235.000	347,842	28,978,207	29,485,571	0.9827928124	1.01	
TOTAL (summary)	235																	

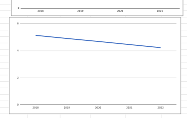
% of US population reached by program in 1.12%
% of intervention population under 5 12.3%



Philippines

				Average HH Size						7 Source									
Island	Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Luzon	Calabarzon (Region IV-A)	16,139,770		5.03	4.81	4.6	4.38	4.16		3.728	21.20%	9.6%	16.92	62,591	1,618,128	4,538,425	0.3565395701	1.01	22,506
Luzon	Southwestern Tagalog Region (Mimaropa)	3,212,287		4.96	4.75	4.54	4.33	4.12		3.7	25.90%	11.7%	3.37	12,458	393,454	910,115	0.4323120011	1.01	5,432
Luzon	Central Luzon (Region III)	12,387,811		5.06	4.88	4.71	4.53	4.35		3.998	20.80%	9.4%	12.99	48,041	1,218,534	3,248,146	0.3751474059	1.01	18,176
Luzon	Bicol Region (Region V)	6,067,290		5.44	5.19	4.95	4.7	4.45		3.958	25.90%	11.7%	6.36	23,530	743,146	1,606,951	0.4624572713	1.01	10,975
Luzon	National Capital Region (NCR)	13,484,462		4.87	4.64	4.41	4.18	3.95		3.49	20.40%	9.2%	14.14	52,294	1,300,898	4,050,344	0.3211821342	1.01	16,939
Luzon	Cagayan Valley (Region II)	3,679,748		4.95	4.76	4.56	4.37	4.17		3.782	22.80%	10.3%	3.86	14,271	396,764	1,019,953	0.3890023896	1.01	5,599
Luzon	Ilocos Region (Region I)	5,292,297		5.42	5.14	4.87	4.59	4.32		3.768	22.80%	10.3%	5.55	20,524	570,636	1,472,370	0.3875625748	1.01	8,022
	TOTAL	108,747,954		5.14	4.91	4.69	4.46	4.23		3.778	22.60%	10.2%	114.00	421,730	11,622,753	30,174,696	0.3851821062	1.01	
	TOTAL (summary)	114																	

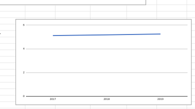
% of US population reached by program in 1.40%
% of intervention population under 5 9.9%



South Africa

			Average HH Size							8 Source									
Region	Population (2022)	HH trend	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Eastern Cape	7,230,204		5.57	5.66	5.75					6.2	22.40%	10.4%	7.0	22,053	729,980	1,128,043	0.6471204836	1.01	14,393
Free State	2,964,412		4.83	4.9	4.98					5.4	20.30%	9.5%	2.9	9,042	271,236	535,653	0.5063659768	1.01	4,618
KwaZulu-Natal	12,423,907		5.93	6.03	6.14					6.7	20.90%	9.7%	12.0	37,895	1,170,353	1,803,582	0.6489046635	1.01	24,800
Mpumalanga	5,143,324		5.5	5.59	5.68					6.1	21.30%	9.9%	5.0	15,688	493,783	811,616	0.6083951246	1.01	9,626
North West	3,804,548		5.05	5.12	5.18					5.5	20.50%	9.6%	3.7	11,605	351,536	668,311	0.5260065976	1.01	6,157
Northern Cape	1,355,946		5.22	5.28	5.35					5.7	20.40%	9.5%	1.3	4,136	124,677	231,192	0.5392788322	1.01	2,250
Western Cape	7,433,019		4.35	4.34	4.32					4.2	17.20%	8.0%	7.2	22,672	576,244	1,693,092	0.3403499249	1.01	7,782
TOTAL	62,027,503		5.12	5.18	5.25					4.5	20.00%	9.3%	60.0	189,190	5,591,476	13,235,391	0.4224640143	1.01	
TOTAL (summary)	60																		

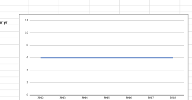
% of US population reached by program in 1.87%
% of intervention population under 5 9.5%



United Republic of Tanzania

										Average HH Size							15 Source									
Region	Population (2017)	HH trend	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Arusha Region	2,356,255				5.96	5.96	5.96	5.96	5.96	5.96	5.96					Arusha Region	5.96	33.40%	16.6%	2.6	3339	436119.2508	441,825	0.9870859522	1.01	3,324
Dar es Salaam Region	5,383,728				5.73	5.73	5.73	5.73	5.73	5.73	5.73					Dar es Salaam Regior	5.73	22.90%	11.4%	6.0	7628	683211.6586	1,050,033	0.6506573209	1.01	5,006
Dodoma Region	3,085,625				5.54	5.54	5.54	5.54	5.54	5.54	5.54					Dodoma Region	5.54	37.60%	18.6%	3.4	4372	642935.5671	622,455	1.032902888	1.01	4,555
Geita Region	2,977,608				8.5	8.5	8.5	8.5	8.5	8.5	8.5					Geita Region	8.5	35.60%	17.7%	3.3	4219	587427.0016	391,492	1.500482773	1.01	6,385
Manyara Region	1,892,502				5.96	5.96	5.96	5.96	5.96	5.96	5.96					Manyara Region	5.96	33.40%	16.6%	2.1	2682	350283.1986	354,866	0.9870858257	1.01	2,670
Mara Region	2,372,015				7.59	7.59	7.59	7.59	7.59	7.59	7.59					Mara Region	7.59	37.20%	18.4%	2.7	3361	488986.9993	349,261	1.400061843	1.01	4,746
Morogoro Region	3,197,104				6.15	6.15	6.15	6.15	6.15	6.15	6.15					Morogoro Region	6.15	30.20%	15.0%	3.6	4530	535057.6893	580,973	0.9209682537	1.01	4,208
Shinyanga Region	2,241,299				9.28	9.28	9.28	9.28	9.28	9.28	9.28					Shinyanga Region	9.28	36.60%	18.1%	2.5	3176	454587.0888	269,915	1.684186091	1.01	5,395
Tabora Region	3,391,679				10	10	10	10	10	10	10					Tabora Region	10	35%	17.4%	3.8	4806	657838.358	379,044	1.735519776	1.01	8,412
Tanga Region	2,615,597				6.42	6.42	6.42	6.42	6.42	6.42	6.42					Tanga Region	6.42	29.50%	14.6%	2.9	3706	427592.1946	455,313	0.9391170352	1.01	3,510
TOTAL	61,741,120				6.86	6.86	6.86	6.86	6.86	6.86	6.86					TOTAL	6.86	32.50%	16.1%	69.0	87471	11119722.72	10,058,309	1.10552606	1.01	
TOTAL (summary)	69																									

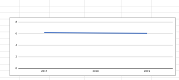
% of US population reached by program in 0.92%
% of intervention population under 5 16.0%



Uganda

			Average HH Size							8 Source									
Region	Population (2022)	HH trend	2017	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Central	11,562,900		6.28	6.27	6.26					6.21	35.80%	16.2%	13.9	26796	2,251,609	2,238,840	1.005703314	1.01	27,178
Eastern	10,836,500		6.77	6.7	6.63					6.28	38.10%	17.2%	13.0	25113	2,245,728	2,074,805	1.082380216	1.01	27,413
TOTAL	41,583,600		6.19	6.12	6.06					5.7333	36.10%	16.3%	50.0	96365	8,165,306	8,720,981	0.9362829197	1.01	
TOTAL (summary)	50																		

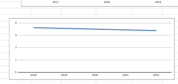
% of US population reached by program in 1.21%
% of intervention population under 5 16.7%



Viet Nam

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
southeast	20,296,519		3.62	3.5	3.38	3.26	3.14		2.9	15.90%	6.8%	20.30	17614	1,377,936	6,998,800	0.1968817512	1.01	3,498
Mekong River Delta	18,000,000		3.59	3.52	3.46	3.39	3.32		3.188	16.60%	7.1%	18.00	15621	1,275,825	5,646,173	0.2259627893	1.01	3,560
TOTAL	99,000,000		3.62	3.56	3.5	3.44	3.38		3.26	16.80%	7.2%	99.00	85913	7,101,578	30,368,098	0.2338499435	1.01	
TOTAL (summary)	99																	

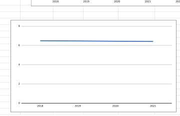
% of US population reached by program in 0.27%
% of intervention population under 5 6.9%



Zambia

			Average HH Size						7 Source									
Region	Population (2022)	HH trend	2018	2019	2020	2021	2022	2023	2024	% aged 0-9	% aged 0-4	Est Pop 2024 (m)	PTB notified /yr	Est # (0-4)	Est #HHs	# 0-4pop/HH	Access multipler	# 0-4 accessed per yr
Copperbelt	2,757,539		6.4	6.32	6.25	6.17			5.6812	29.10%	13.2%	2.95	7,526	389,064	519,763	0.7485403051	1.01	5,682
Lusaka	3,079,964		6.09	6.08	6.06	6.05			6.2688	28.20%	12.8%	3.30	8,406	421,115	526,121	0.8004144081	1.01	6,786
TOTAL	19,610,796		6.49	6.47	6.44	6.42			6.6088	33.80%	15.3%	21.00	53,520	3,213,788	3,177,581	1.011394631	1.01	
TOTAL (summary)	21																	

% of US population reached by program in 1.54%
% of intervention population under 5 13.0%



India analysis

Data from India TB Report 2023

	Table 1.3	table 7.1	table 7.1	table 7.1	table 7.1	Calculation
	PTB-notifications	notified PBCT	# PBCT traced	# U5 HHC	avg # U5 HHC per PBCT visited	Est U5 HHC of PTB notify
India	**1,839,789**	**957,895**	**837,530**	**292,845**	**0.35**	**643,926**
Uttar Pradesh	414,420	189,205	162,111	74,997	0.46	190,633
Madhya Pradesh	150,155	61,776	53,508	25,251	0.47	70,573
Rajasthan	136,440	71,377	60,460	24,054	0.40	54,576
West Bengal	74,799	62,448	58,268	20,001	0.34	25,432
Bihar	135,151	41,920	24,487	18,764	0.77	104,066
Gujarat	115,534	49,923	47,209	15,436	0.33	38,126
Maharashtra	156,476	70,206	64,748	14,051	0.22	34,425
Jharkhand	50,004	27,941	20,900	12,264	0.59	29,502
Haryana	55,872	37,414	33,634	11,828	0.35	19,555
Delhi	68,173	29,750	22,392	7,138	0.32	21,815
Karnataka	58,761	42,520	40,962	8,751	0.21	9,084
Odisha	44,769	28,898	27,364	8,431	0.31	8,904
Punjab	40,593	25,992	23,763	7,835	0.33	8,570
Chhattisgarh	27,309	15,774	13,872	6,919	0.50	7,868
Assam	36,937	19,557	15,463	5,445	0.35	6,887
Tamil Nadu	71,165	53,122	50,963	5,408	0.11	5,637
Telangana	55,437	33,773	31,120	4,844	0.16	5,257
Andhra Pradesh	70,426	40,833	36,126	4,186	0.12	4,731

Age projections from "POPULATION PROIECTIONS FOR INDIA AND STATES 2011 - 2036"

2024 projections

		Calculation	Table 14	Table 12	Table 11			
		# ages 0-4 ('000)	all pop ('000)	urban pop ('000)	total pop (m)	% urban	% of 0-4 HHC	% of pop over 2 years
	India	110,454	1,404,910	498,515	1,405	35.5%		
	Uttar Pradesh	22,189	238,875	57,850	239	24.2%	135,350	0.6%
x	Madhya Pradesh	8,085	87,954	25,629	88	29.1%	50,107	0.6%
x	Rajasthan	7,319	82,188	22,029	82	26.8%	38,749	0.5%
x	West Bengal	6,141	99,723	37,243	100	37.3%	18,056	0.3%
	Bihar	13,954	129,205	16,002	129	12.4%	73,887	0.5%
x	Gujarat	5,696	72,653	35,882	73	49.4%	27,070	0.5%
x	Maharashtra	8,186	127,684	62,429	128	48.9%	24,442	0.3%
x	Jharkhand	3,657	40,129	10,597	40	26.4%	20,947	0.6%
x	Haryana	2,355	30,694	13,160	31	42.9%	13,884	0.6%
x	Delhi	1,473	21,884	21,814	22	99.7%	15,489	1.1%
x	Karnataka	4,443	68,362		68		6,450	
x	Odisha	3,376	46,736		47		6,322	
x	Punjab	1,855	31,041		31		6,085	
x	Chhattisgarh	2,635	30,724		31		5,586	
x	Assam	2,979	36,242		36		4,890	
x	Tamil Nadu	4,433	77,222		77		4,002	
x	Telangana	2,469	38,363		38		3,732	
x	Andhra Pradesh	3,231	53,448		53		3,359	
	not bihar/up	68,332	945,047	228,783	563		249,169	
			67%					

0.36%	% of U5 reached
7.2%	% pop under 5

https://globaldatalab.org/areadata/table/hhsize/IND/

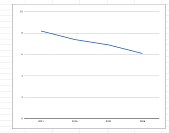
Mean HH size		HH (using 2019
4.45	0.35	315,710,112
5.26	0.49	45,413,498
4.64	0.43	18,955,603
5.22	0.46	15,744,828
4.05	0.25	24,622,963
4.98	0.54	25,944,779
4.54	0.36	16,002,863
4.33	0.28	29,488,222
4.55	0.41	8,819,560
4.91	0.38	6,251,324
4.57	0.31	4,788,621
4.31	0.28	15,861,253
4.11	0.30	11,371,290
4.66	0.28	6,661,159
4.41	0.38	6,966,893
4.36	0.36	8,312,385
3.45	0.20	22,383,188
3.71	0.24	10,340,431
3.62	0.22	14,764,641

Age projections from "POPULATION PROIECTIONS FOR INDIA AND STATES 2011 - 2036"

	table 19				Calculation
	% 0-4 (2011)	% 0-4 (2016)	% 0-4 (2021)	% 0-4 (2026)	% 0-4 (2024)
India	9.9	9.2	8.4	7.6	**7.9**
Uttar Pradesh	11.2	11.4	10.3	8.8	**9.3**
Madhya Prades	11.0	11.1	10.0	8.9	**9.2**
Rajasthan	11.4	10.9	9.7	8.6	**8.9**
West Bengal	8.3	7.2	6.5	6.0	**6.2**
Bihar	13.9	12.3	11.0	10.7	**10.8**
Gujarat	9.3	8.9	8.3	7.6	**7.8**
Maharashtra	8.5	7.3	6.8	6.1	**6.4**
Jharkhand	12.2	10.2	9.5	8.8	**9.1**
Haryana	9.5	9.0	8.3	7.3	**7.7**
Delhi	8.4	7.7	7.0	6.7	**6.7**
Karnataka	8.3	7.8	7.0	6.3	**6.5**
Odisha	9.2	8.2	7.6	7.0	**7.2**
Punjab	7.7	7.1	6.4	5.8	**6.0**
Chhattisgarh	10.4	10.3	9.3	8.3	**8.6**
Assam	10.9	9.2	8.6	7.9	**8.2**
Tamil Nadu	7.4	7.0	6.2	5.6	**5.7**
Telangana	8.2	7.4	6.9	6.1	**6.4**
Andhra Pradesh	7.6	7.1	6.5	5.8	**6.0**

Graph data

2011	8.2
2016	7.4
2021	6.9
2026	6.1



Interpolation result

India	3.6667	7.9	
Haryana	3.6667	7.7	
Delhi	3.6667	6.7	
Rajasthan	3.6667	8.9	
Uttar Pradesh	3.6667	9.3	
Bihar	3.6667	~~10.6~~	**10.80**
West Bengal	3.6667	6.2	
Jharkhand	3.6667	9.1	
Madhya Prades	3.6667	9.2	
Gujarat	3.6667	7.8	
Maharashtra	3.6667	6.4	
Punjab	3.6667	6.0	
Assam	3.6667	8.2	
Odisha	3.6667	7.2	
Chhattisgarh	3.6667	8.6	
Andhra Pradesh	3.6667	6.0	
Karnataka	3.6667	6.5	
Tamil Nadu	3.6667	5.7	
Telangana	3.6667	6.4	

	calculated					
	PTB Notify per 100k	Avg HH (2022)	Est. # HH ('000)	# 0-4/# hh	multiplier to #U5HHc	# US accessed
India	130.95	3.09	454,663.43	0.24	**1.01**	450,748.31
Uttar Pradesh	173.49	3.74	63,870.32	0.35	0.93	
Madhya Pradesh	170.72	3.16	27,833.54	0.29	1.13	
Rajasthan	166.01	4.19	19,615.27	0.37	0.75	
West Bengal	75.01	2.73	36,528.57	0.17	1.42	
Bihar	104.60	3.33	38,800.30	0.36	1.50	
Gujarat	159.02	3.22	22,563.04	0.25	0.92	
Maharashtra	122.55	2.84	44,959.15	0.18	0.85	
Jharkhand	124.61	3.06	13,114.05	0.28	1.48	
Haryana	182.03	3.88	7,910.82	0.30	0.82	
Delhi	311.52	3.52	6,217.05	0.24	0.95	
Karnataka	85.96	3.52	19,421.02	0.23	0.65	
Odisha	95.79	3.52	13,277.27	0.25	0.85	
Punjab	130.77	3.52	8,818.47	0.21	1.10	
Chhattisgarh	88.88	3.52	8,728.41	0.30	1.16	
Assam	101.92	3.52	10,296.02	0.29	0.85	
Tamil Nadu	92.16	3.52	21,938.07	0.20	0.37	
Telangana	144.51	3.52	10,898.58	0.23	0.48	
Andhra Pradesh	131.77	3.52	15,184.09	0.21	0.38	
UP-Bihar	149.31					
Non-UP/bihar	143.44					

	calculation based on WHO CSV figures		Calculation			Relative Cost-effectiveness Estimation				
country	% eligible U5 HHC receiving TPT		Adjusted for clinic dx	Gap to target		% of intervention pop U5 (index to India)	Gap w/coverage target (index to india)	Relative impact of $1 investment (1/cost index)	India CE multipler	CE Estimate
Bangladesh	27.0%		**20.2%**	**49.8%**		1.18	1.25	0.74	110%	9.32
Cameroon	6.5%		**5.2%**	**64.8%**		1.83	1.63	0.43	129%	11.00
Democratic Republic of the Congo	49.0%		**35.1%**	**34.9%**		2.44	0.88	0.54	117%	9.92
Ethiopia	100.0%		**66.4%**	**3.6%**		2.04	0.09	0.83	15%	**1.31**
India	47.0%		**30.2%**	**39.8%**		1.00	1.00	1.00	100%	**8.50 [2]**
Indonesia	7.1%		**3.9%**	**66.1%**		1.13	1.66	0.72	136%	11.53
Kenya	27.0%		**15.9%**	**54.1%**		1.81	1.36	0.60	148%	12.56
Mozambique	91.0%		**39.1%**	**30.9%**		2.13	0.78	0.57	94%	8.02
Myanmar	11.0%		**4.9%**	**65.1%**		0.90	1.64	1.11	164%	13.94
Nigeria	22.0%		**17.8%**	**52.2%**		2.02	1.31	0.69	182%	15.46
Pakistan	6.0%		**3.1%**	**66.9%**		1.71	1.68	0.78	223%	18.96
Philippines	9.3%		**4.4%**	**65.6%**		1.37	1.65	0.52	118%	10.02
South Africa	45.0%		**31.3%**	**38.7%**		1.32	0.97	0.35	44%	**3.78**
Uganda	83.0%		**51.9%**	**18.1%**		2.21	0.46	0.79	80%	**6.76**
United Republic of Tanzania	86.0%		**34.2%**	**35.8%**		2.31	0.90	0.92	191%	16.22
Viet Nam	7.3%		**5.8%**	**64.2%**		0.96	1.62	0.78	121%	10.31
Zambia	32.0%		**15.7%**	**54.3%**		1.79	1.37	0.66	161%	13.69
	Source: WHO Global TB data 2022									
	*** NOTE: Performance for Ethiopia, Mozambique, Uganda & Tanzania are potentially not consistent with observed TPT performance gap**									
	Ethiopia U5 TPT coverage was 31% in 2020									
	Mozambique's U5 TPT coverage was ~40% in 2022 as per https://hub.tbdiah.org/dashboards/countries/mozambique									

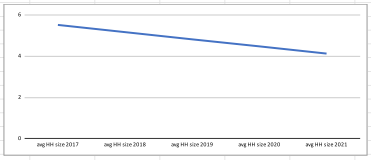
country	year	population	new_ep	new_labconf	new_clindx	ret_rel_labconf	ret_rel_clindx	ret_rel_ep	all new		% EP TB	PTB notify per 100k	All notify per 100k		# lab confirmed P-TB
Bangladesh	2022	171,186,372	62,692	139,138	43,980	7,573	5,874	2,700	261,957		25.0%	115	153		74.6%
Cameroon	2022	27,914,536	2,987	16,064	4,437	1,234			24,722		12.1%	78	89		79.6%
Democratic Re	2022	99,010,212	43,948	141,230	55,274	3,171	1,814	682	246,119		18.1%	204	249		71.7%
Ethiopia	2022	123,379,924	33,308	49,893	27,018	3,419			113,638		29.3%	65	92		66.4%
India	2022	1,417,173,173	554,114	998,617	596,855	91,911	8,038	6,106	2,255,641		24.8%	120	159		64.3%
Indonesia	2022	275,501,339	52,796	344,212	294,429	11,669	4,910	642	708,658		7.5%	238	257		54.3%
Kenya	2022	54,027,487	10,379	42,828	30,168	3,077	1,974	264	88,690		12.0%	144	164		58.8%
Mozambique	2022	32,969,518	3,471	44,268	58,230	1,428	2,504	183	110,084		3.3%	323	334		42.9%
Myanmar	2022	54,179,306	9,267	43,023	53,740	5,686	6,121	474	118,311		8.2%	200	218		44.9%
Nigeria	2022	218,541,212	3,471	222,279	51,621	3,604	1,153	56	282,184		1.2%	128	129		81.1%
Pakistan	2022	235,824,862	74,736	168,959	168,420	8,860	2,823	768	424,566		17.8%	148	180		50.9%
Philippines	2022	115,559,009	7,851	184,602	187,906	19,227	35,762	542	435,890		1.9%	370	377		47.7%
South Africa	2022	59,893,885	24,146	119,637	53,835	11,618	3,765	1,294	214,295		11.9%	315	358		69.5%
Uganda	2022	47,249,585	3,281	54,302	32,647	2,621	1,494	112	94,457		3.6%	193	200		62.5%
United Republi	2022	65,497,748	16,879	32,135	49,326	876	694	190	100,100		17.1%	127	153		39.8%
Viet Nam	2022	98,186,856	17,001	61,980	17,218	5,304	705	271	102,479		16.9%	87	104		79.0%
Zambia	2022	20,017,675	2,876	22,803	22,271	2,222	3,720	235	54,127		5.7%	255	270		49.1%

Region, subregion, country or area *	Year	Total	0-4	% U5
Bangladesh	2024	174 701	14 649	8.4%
Cameroon	2024	29 394	4 510	15.3%
Democratic Republic of the Congo	2024	105 625	19 199	18.2%
Ethiopia	2024	129 720	18 796	14.5%
India	2024	1 441 720	112 326	7.8%
Indonesia	2024	279 798	21 960	7.8%
Kenya	2024	56 203	7 125	12.7%
Mozambique	2024	34 858	5 567	16.0%
Myanmar	2024	54 965	4 416	8.0%
Nigeria	2024	229 152	36 445	15.9%
Pakistan	2024	245 210	30 237	12.3%
Philippines	2024	119 106	12 143	10.2%
South Africa	2024	61 020	5 687	9.3%
Uganda	2024	49 924	8 153	16.3%
United Republic of Tanzania	2024	69 419	11 187	16.1%
Viet Nam	2024	99 498	7 137	7.2%
Zambia	2024	21 135	3 234	15.3%
Source: 2022 World Population Prospects - Medium variant				

Country	avg HH size 2017	avg HH size 2018	avg HH size 2019	avg HH size 2020	avg HH size 2021		avg HH size 2024
Afghanistan	10.6	11					
Albania	4.09	4.02	3.95	3.88			
Algeria	5.1	5.02	4.94	4.86	4.78		
Angola	6.42	6.44	6.45				
Armenia	4.54	4.54	4.54				
Bangladesh	**4.8**	**4.53**	**4.26**	**3.99**	**3.72**		2.91
Bandarban							
Brahmanbaria							
Comilla							
Dinajpur							
Gazipur							
Habiganj							
Khagrachari							
Kurigram							
Lalmonirhat							
Moulvibazar							
Mymensingh							
Naogaon							
Narsingdi							
Netrakona							
Nilphamari							
Panchagarh							
Rangpur							
Sherpur							
Sunamganj							
Sylhet							
Tangail							
Thakurgaon							
Belarus	2.37	2.36	2.34	2.32	2.31		
Benin	7.44	7.56	7.68	7.79	7.91		
Burundi	5.96	5.96	5.96	5.96			
Cambodia	5.45						
Cameroon	**7.68**	**7.7**	**7.72**	**7.75**	**7.77**		7.78
Central African Republic	5.41	5.5	5.59	5.68	5.77		
Chad	6.93	6.45	5.97	5.49	5.02		
China	4.4	4.42					
Colombia	4.39	4.31					
Costa Rica	3.27	3.21	3.15	3.08	3.02		
Cuba	2.8	2.75	2.71	2.67	2.62		
Dominican Republic	3.58	3.34	3.09	2.84	2.6		
DR Congo	**5.52**	**5.17**	**4.82**	**4.48**	**4.13**		3.02
Egypt	4.68						
El Salvador	5.27						
Eswatini	3.88						
Ethiopia	**5.81**	**5.79**	**5.76**				5.46
Fiji	4.75	4.62	4.48	4.35	4.22		
Gambia	9.16	8	8.14	8.28	8.42		
Georgia	3.44	3.42	3.4	3.39	3.37		
Ghana	4.7	4.54	4.38	4.22			
Guatemala	7.68	8.49					
Guinea	8.2	8.14	8.08	8.02	7.97		
Guyana	3.62	3.56	3.5	3.44	3.38		
Haiti	5.62	5.57	5.52	5.47			
Honduras	4.33	4.1	3.87	3.64	3.41		
India	**5.36**	**4.9**	**4.45**	**4**	**3.54**		
Indonesia	**4.75**	**4.71**	**4.67**	**4.64**			
Iraq	6.37	6.35	6.33	6.32	6.3		
Ivory Coast	3.99	3.4	2.81				
Jordan	5.74	5.63	5.51	5.4			
Kazakhstan	3.44	3.43					
Kenya	**5.33**						
Kiribati	5.9	5.9	5.9	5.9	5.9		
Kyrgyzstan	4.11	4.05	3.99	3.93	3.86		
Laos	4.7	4.61	4.51	4.42			
Lesotho	4.2	3.73	3.26	2.8	2.33		
Liberia	5.56	5.25	4.95	4.64	4.33		
Madagascar	4.61	4.5	4.39	4.28	4.18		
Malawi	5.24	4.92	4.6	4.28	3.96		
Maldives	7.27	7.14	7.01	6.87			
Mali	7.65	7.73	7.81	7.89	7.96		
Mauritania	5.98	6.08	6.19	6.29	6.39		
Mexico	2.8	1.85	0.9				
Mongolia	3.62	3.63	3.64	3.65	3.65		
Morocco	7.85						
Mozambique	(different source)						4.4
Myanmar	**5.34**	**5.35**	**5.37**				
Nepal	5.17	4.71	4.25	3.79	3.33		
Nigeria	**6.79**	**6.81**	**6.83**	**6.84**	**6.86**		
North Macedonia	3.51	3.48	3.45	3.42	3.4		
Pakistan	**8.53**	**8.45**	**8.37**	**8.29**	**8.21**		
Palestine	5.25	5.16	5.06	4.96	4.87		
Papua New Guinea	6.45	6.45	6.45	6.45			
Philippines	**5.37**	**5.23**	**5.1**	**4.96**			
Republic of the Congo	4.22	4.22					
Rwanda	4.92	4.73	4.53	4.33	4.13		
Samoa	6.6	6.6	6.6	6.6	6.6		
Sao Tome and Principe	3.98	4.02	4.06	4.1	4.14		
Senegal	13.5	13.3	12.5	11.6	10.8		
Serbia	2.95	2.9	2.85	2.8	2.75		
Sierra Leone	4.87	5.91	6.94	7.98	9.01		
South Africa	**5.12**	**5.18**	**5.25**				
Sudan	6.02						
Suriname	3.86	3.86	3.86	3.87	3.87		
Tajikistan	7.54	7.47	7.4	7.32			
Tanzania	**6.86**	**6.86**					
Thailand	3.21	3.03	2.84	2.66	2.47		
Togo	4.35	3.53	2.7	1.88			
Tonga	5.3	5.3	5.3	5.3	5.3		
Tunisia	3.94	3.89	3.85	3.8	3.76		
Turkmenistan	5.16	5.19	5.22	5.25	5.28		
Turks and Caicos Islands	2.37	2.37	2.37	2.37	2.37		
Tuvalu	6.05	6.05	6.05	6.05	6.05		
Uganda	**6.19**	**6.12**	**6.06**				
Vietnam	**3.68**	**3.62**	**3.56**	**3.5**	**3.44**		
Zambia	**6.52**	**6.49**	**6.47**	**6.44**	**6.42**		
Zimbabwe	4.78	4.4	4.02	3.64	3.27		

Source: https://worldpopulationreview.com/country-rankings/family-size-by-country

https://www.arcgis.com/home/item.html?id=1a85d81f75044c1b8cf0abf5e69fc0f2#:~:text=Description,is%204.4%20people%20per%20household.



[1] Includes cost of procuring 3HP for all targeted districts

See this cell of cost-effectiveness analysis: https://docs.google.com/spreadsheets/d/1rxsXvePnzCqNUUy9nEQx9af8Iuq6XKBbDgJvwXnCB3k/edit?gid=2037617589#gid=2037617589&range=B41

[2] The room for more funding model assumes that the program will be 8.5 times as cost-effective as cash transfers in the Indian states where it could be implemented.

This is based on the estimated cost-effectiveness of the program in Bihar and Uttar Pradesh, which is around 10 times as cost-effective as cash, assuming that it's roughly equally likely that the program is successfully transitioned to government (modeled at 12x cash) or not transitioned to government at all (modeled at 8x cash).

12x * 50% + 8x * 50% = 10x cash for Bihar and Uttar Pradesh.

See cost-effectiveness analysis, "Simple CEA" and "Additional Benefits" tabs: https://docs.google.com/spreadsheets/d/1rxsXvePnzCqNUUy9nEQx9af8Iuq6XKBbDgJvwXnCB3k/edit?gid=381684057#gid=381684057

In addition, we assume that the program would be somewhat less cost-effective in other Indian states where it could be implemented, leading to an overall cost-effectiveness estimate of roughly 8.5x cash.