



The control of neglected tropical diseases represents a major challenge to those providing health-care services in the endemic countries. The purpose of this country profile is to provide public health professionals with the most recently available epidemiological information on diseases for which a strategy and tools to implement large-scale preventive chemotherapy exist.

This summary outlines the burden of targeted diseases and program implementation outcomes in Ghana.

BASIC COUNTRY DATA	
Total population	24,332,755
Population 1–4 years (Pre-SAC)	2,691,273
Population 5–14 years (SAC)	5,866,905
Population female 15–49 years	6,057,177
Population requiring preventive chemotherapy (PC)	
Lymphatic filariasis (LF)	11,925,399
Schistosomiasis (SCH) *	24,332,755
Soil-transmitted helminthiasis (STH)	
- Pre-SAC	104,675
- SAC	357,203
Onchocerciasis (Oncho) *	3,200,000
Trachoma	
Development status ¹	Non LDC
Income status ²	LIC
School enrolment data	
Gross enrolment rate	
Girls enrolment ratio (gross)	
* Provisional estimates, to be refined	

AFRICAN REGION

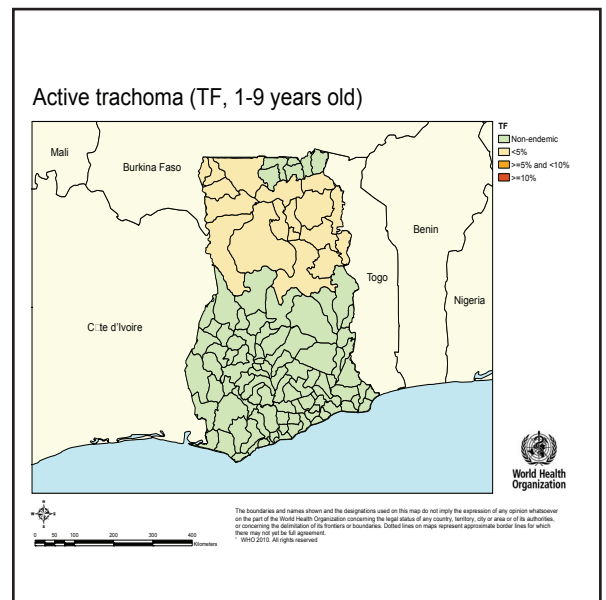
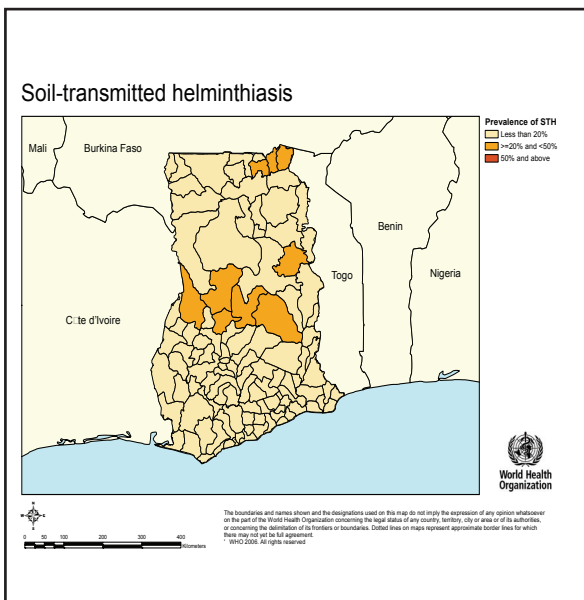
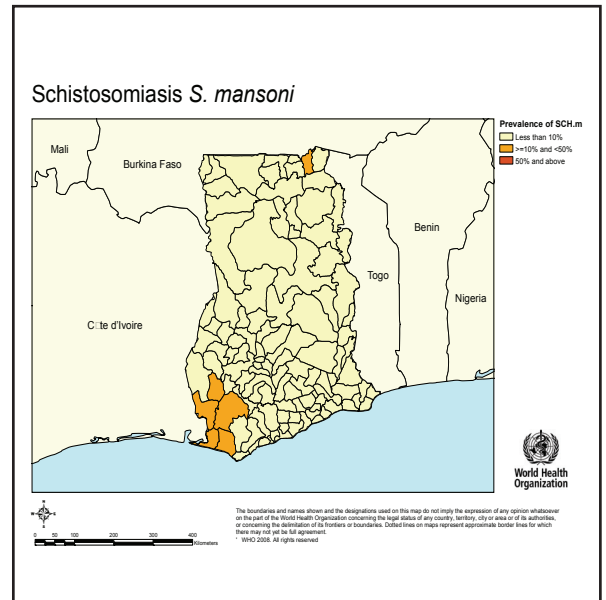
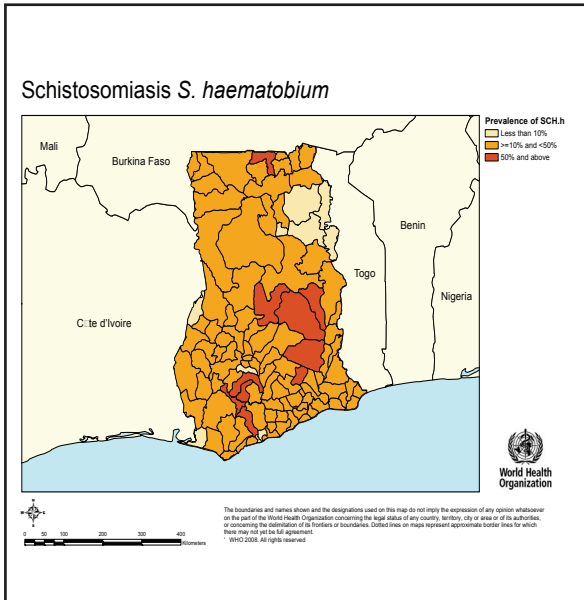
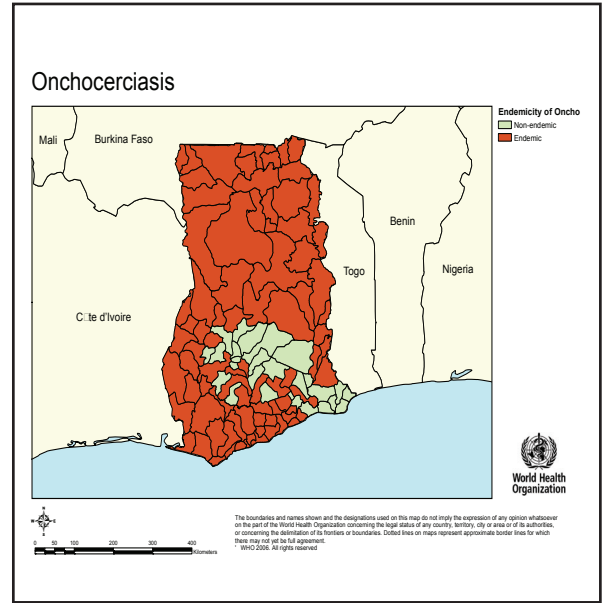
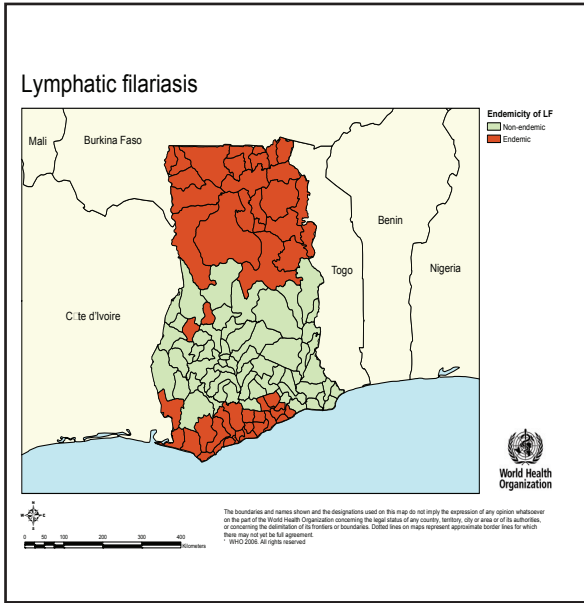


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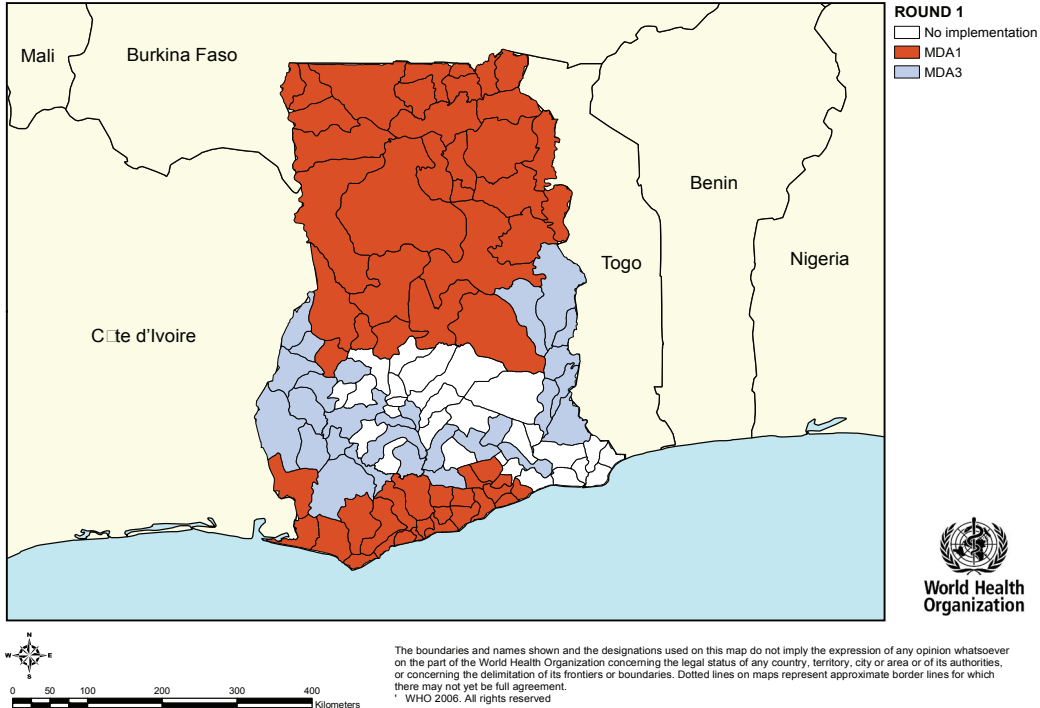
Sources: Population data - United Nations, Population Division, The World Population Prospects - the 2008 revision, New York, 2009; Population requiring PC for STH - STH: estimates of the number of children needing preventive chemotherapy and number treated, 2009. WER, N°25, 2011, 86:257–268. Population requiring PC for LF - PELF; Population requiring PC for SCH - estimates based on L.Chitsulo et al. / Acta Tropica 77(2000)41-51; Population requiring PC for Oncho - APOC; Population requiring PC for Trachoma - GET2020; School enrolment data - UNESCO Institute of Statistics, 2000 Assessment.

¹ United Nations classification; ² World Bank classification.

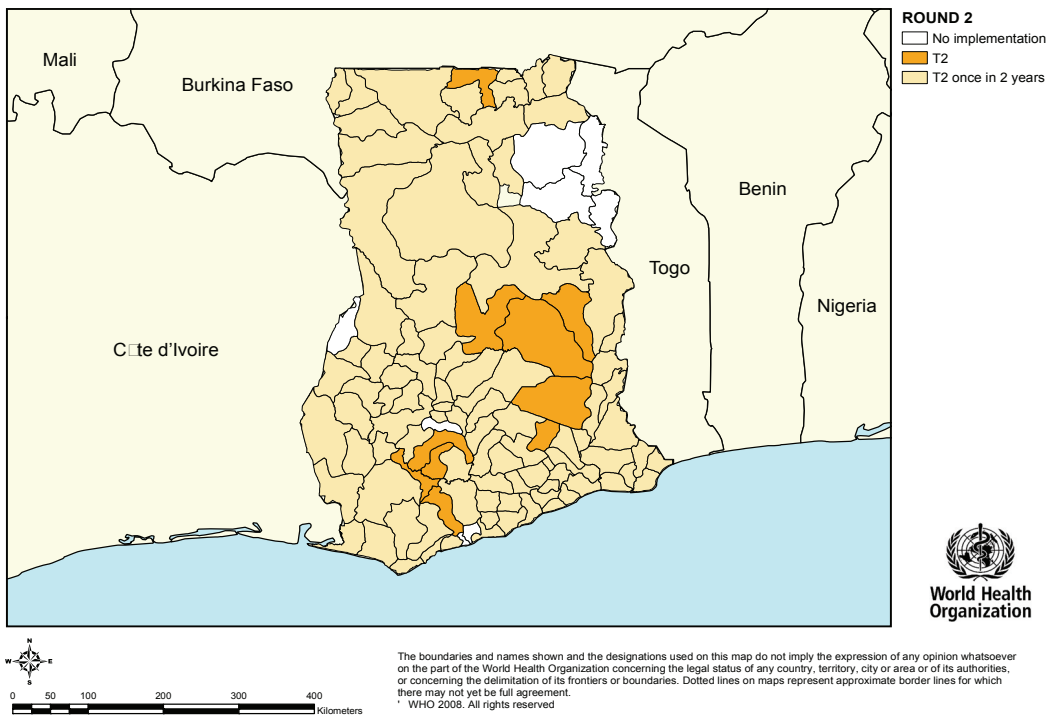
SITUATION ANALYSIS OF PREVENTIVE CHEMOTHERAPY DISEASES				
PCT disease	Endemicity status (endemic/non-endemic)	Disease distribution (Nationwide/partial)	Mapping status (Complete/in progress/not started)	Implementation status (Complete/in progress/not started)
Lymphatic filariasis	Endemic	Partial	Complete	In progress
Schistosomiasis	Endemic	Nationwide	Complete	In progress
Soil-transmitted helminthiasis	Endemic	Partial	Complete	In progress
Onchocerciasis	Endemic	Partial	Complete	In progress
Trachoma	Endemic	Partial	Complete	Complete
Loa-loa	Endemic			



PC strategy required - ROUND 1



PC strategy required - ROUND 2



MDA1 (IVM+ALB), MDA2 (DEC+ALB), MDA3 (IVM), T1 (ALB or MBD + PZQ), T2 (PZQ), T3 (ALB or MBD)



PREVENTIVE CHEMOTHERAPY IMPLEMENTATION						
	2006	2007	2008	2009	2010	
ROUND 1	MDA1 (IVM + ALB)					
	Population targeted	8,511,783	9,278,935	10,232,775	9,627,213	9,966,010
	Population treated	6,032,545	5,932,174	7,228,639	7,204,038	7,491,873
	Geographical coverage	100%	100%	100%	100%	93.2%
	Programme coverage	70.9%	63.9%	70.6%	74.8%	75.2%
	MDA2 (DEC + ALB)					
	Population targeted					
	Population treated					
	Geographical coverage					
	Programme coverage					
	MDA3 (IVM)					
	Population targeted	2,900,000		3,200,000		
	Population treated	1,069,137		1,835,162		1,515,039
	Geographical coverage			100%		
	Programme coverage	36.9%		53.7%		
	T1 (ALB or MBD + PZQ)					
	Population targeted					
	Population treated					
	Geographical coverage					
	Programme coverage					
T2 (PZQ)						
Population targeted						
Population treated						
Geographical coverage						
Programme coverage						
T3 (ALB or MBD)						
Population targeted				SAC	SAC	
Population treated				1,241	35,799	
Geographical coverage						
Programme coverage						
A (AZI)						
Population targeted	875,141	957,000	957,000			
Population treated	770,124	899,580	147,122			
Geographical coverage						
Programme coverage	88.0%	94.0%	15.4%			
ROUND 2	T1 (ALB or MBD + PZQ)					
	Population targeted				SAC	
	Population treated				1,739,837	
	Geographical coverage					
	Programme coverage					
	T2 (PZQ)					
	Population targeted			SAC	SAC	
	Population treated			1,259,050	582,835	309,780
	Geographical coverage					
	Programme coverage			46.3%		
	T3 (ALB or MBD)					
	Population targeted	Pre-SAC/SAC	PreSAC	PreSAC	PreSAC	
Population treated		2,749,678	2,801,570	2,930,743		
Population treated	842,902	2,368,769	2,574,215	2,860,983		
Geographical coverage						
Programme coverage		86.2%	91.9%	102.4%		

Geographical coverage - proportion (%) of endemic districts covered with preventive chemotherapy;
 Programme coverage - proportion (%) of individuals who were treated as per the programme target.

National disease-specific coverage

2010

GHANA

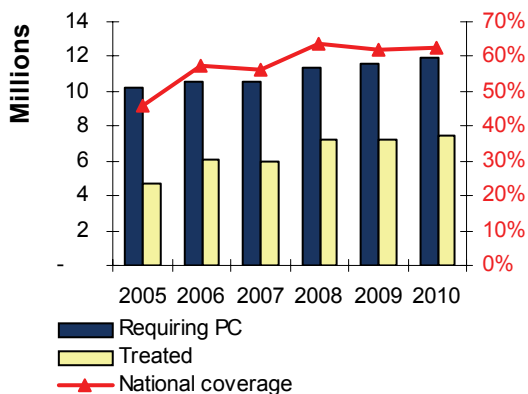
PREVENTIVE CHEMOTHERAPY AND TRANSMISSION CONTROL DEPARTMENT OF CONTROL OF NEGLECTED TROPICAL DISEASES

COUNTRY PROFILE

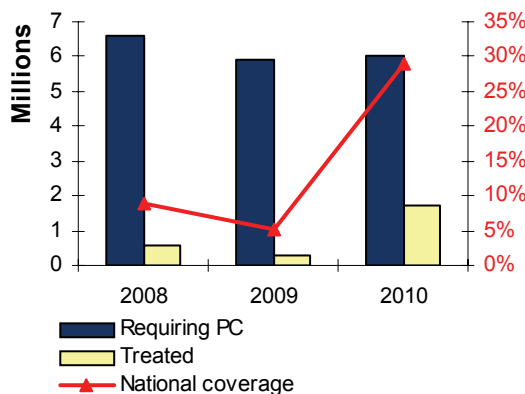


World Health Organization

LYMPHATIC FILARIASIS



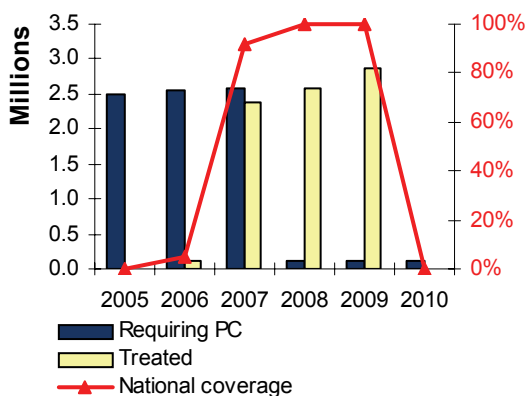
SCHISTOSOMIASIS *



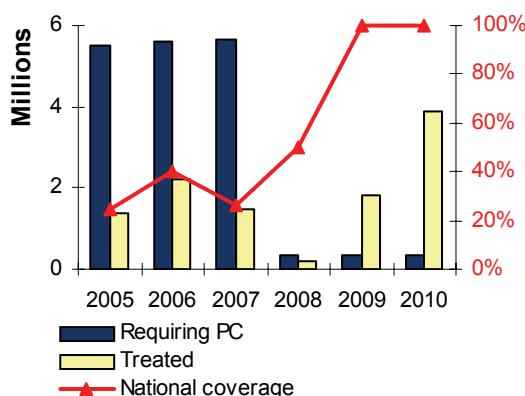
* SAC

SOIL-TRANSMITTED HELMINTHIASIS

Pre-SAC **

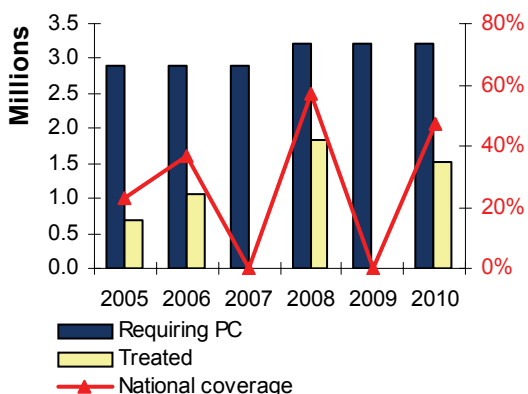


SAC **

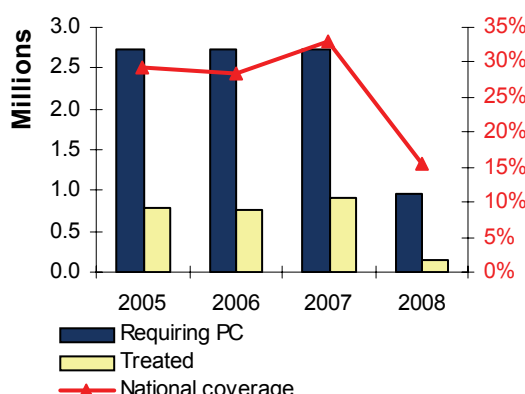


** In 2008 population of PreSAC and SAC at risk was reduced based on data published in the *Report on Schistosomiasis mapping in Ghana*, Ghana NTD Control Programme, 2009. In 2008 all PreSAC were covered (national coverage 100%).

ONCHOCERCIASIS ***



TRACHOMA



*** Number of people treated via LF programme (MDA1) is not included in this chart.

National disease-specific coverage - proportion (%) of individuals in the population requiring preventive chemotherapy for the specific disease (see Basic country data on page 1) that have been treated.

Data source:

LYMPHATIC FILARIASIS

Years ->

Cumulative number of SS with base line mf>1% identified
(of total)

Percent of the SS (with a baseline of >1%) which have
Mf prev <1% in year

No. of IUs where MDA discontinued after meeting
epidemiological criteria

Data source:

SOIL-TRANSMITTED HELMINTHIASIS

Years ->

STH prevalence in pre-SAC (range)
STH prevalence in SAC (range)

Data source:

SCHISTOSOMIASIS

Years ->

S. haematobium prevalence (range)
S. mansoni prevalence (range)

Data source:

ONCHOCERCIASIS

Years ->

Number of endemic communities
Number of endemic communities with baseline >1%
Number of endemic communities discontinued after
meeting epidemiological criteria

Data source:

TRACHOMA

Years ->

TF/TI ratio in 1-9 years old
Trachomatous trichiasis males & females > 30 years old
Districts achieving Ultimate Intervention Goals, %
"CHANCE" at least 80%

For more detailed information, please contact:

Preventive Chemotherapy and Transmission Control, Department of Control of Neglected Tropical Diseases
World Health Organization, 20, avenue Appia, 1211 Geneva 27, Switzerland

We would also like to be informed as soon as possible if we have made any errors in detailing your activities or if you have any other comments. Thank you for your collaboration.

Our contact e-mail is pctdata@who.int

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