

ELIMINACIÓN DE LA MALARIA

51.o CONSEJO DIRECTIVO 63.a SESIÓN DEL COMITÉ REGIONAL Washington, D.C., EUA, del 26 al 30 de septiembre del 2011.

ESTRATEGIA Y PLAN DE ACCIÓN SOBRE LA MALARIA

Preparación el Plan de Acción para 2016 al 2020



**Organización
Panamericana
de la Salud**



OFICINA REGIONAL PARA LAS

**Organización
Mundial de la Salud**
Américas

Table 4. Number of malaria cases in non-endemic countries of the the Region of the Americas, 2000 - 2013

Country	Year													
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Anguilla	0	0	0	0	0	0			0	0		0	0	0
Antigua & Barbuda	0	2	0	0	0	2			1	0	1	1	0	0
Aruba	0		0		0									
Bahamas	2	4	1	3	2	1	49	6	14		1	6	2	2
Barbados	3	5	6	0	3	3				2	2	10	9	5
Bermuda	0	0	0	0	0	1								
British Virgin Islands	0	0	0	0	0	0	0		0		0			
Canada	462	445	366	376	375	348	318						477	489
Cayman Islands	3	0	3	1	1	2	1				1	1	3	
Chile	7	0	5	7	7	5	3	5		4	3	5	10	6
Cuba	53	0	29	30	26	9	33	35	19			28	32	48
Dominica	0	0	0	0	0	0		0		0	1	1	0	
Grenada	0	0	0	0	0	1	0	0	0	1	0	0	1	2
Guadeloupe	7	7	12		7		6		12	0	8	1	2	2
Jamaica	7	6	7	9	141	88	194	199	22	22	12	9	5	6
Martinique	7	11	12	16	10		10		14	11	7	13	2	9
Monteserrat	0	0	0	0	0	0			0	0	0	0	0	0
Puerto Rico	1	0	1	1	0	1	2	3	2	3	5	2	1	0
Saint Barthelemy										0			1	
Saint Kitts & Nevis	0	0	0	0	1	1			0	1	1	1	0	0
Saint Lucia	3	0	2	1	0	1		0		1		1	2	1
Saint Martin										2	1	7	1	
Saint Vincent & the G*	0	0	0	0	0	0	0	0	1		2	0	0	
Trinidad & Tobago	17	0	8	10	15	8	8	16	22	24	23	10	19	13
Turks & Caicos Islands	0	0	1	3	1	1								
United States of America	1,402	1,383	1,337	1,278	1,324	1,528	1,564	1,505	1,298	1,484	1,691	1,925	1,687	1,594
Uruguay	2	0	24	90	54	27	15		12	5		2	7	13
US Virgin Islands	1	2		0		0		0	0	0	0	0	0	0
Grand Total	1,977	1,865	1,814	1,825	1,967	2,027	2,203	1,769	1,417	1,560	1,759	2,023	2,261	2,190

*Saint Vincent & the Grenadines **Blank spaces imply no data available

Table 5. Imported cases in non-endemic countries of the Americas by country / Region of origin, 2011 - 2013

Country/Region from which malaria was imported	Country / Territory															Countries of the Americ..	
	Antigua & Barbuda	Bahamas	Barbados	Chile	Cuba	Grenada	Guadeloupe	Jamaica	Martinique	Saint Barthelemy	Saint Lucia	Saint Martin	Trinidad & Tobago	U.S.A.	Uruguay	1	107
Bahamas																	1
Belize																	2
Bolivia				1													
Brazil				3			1										11
Colombia				3	1												6
Costa Rica																	2
Dominican Republic																	8
Ecuador																	1
El Salvador																	1
French Guiana									2	0							1
Guatemala																	10
Guyana	1	1	5			2		5	4		3		16				43
Haiti		1	1		3		2	5	6			6					107
Honduras								1									29
Jamaica																	3
Mexico																	2
Nicaragua																	2
Panama																	2
Peru				2													11
Suriname																	1
Venezuela					6								2				1
Caribbean, unspecified																	1
Central America, unspecified																	3
South America, unspecified																	1
Africa	0	3	3	9	91	1	2	6	9	1	1		4				2,364
Asia		3	2	1	7			2				2	3				564
Oceania																	14
Unknown		1		2				1	3								412

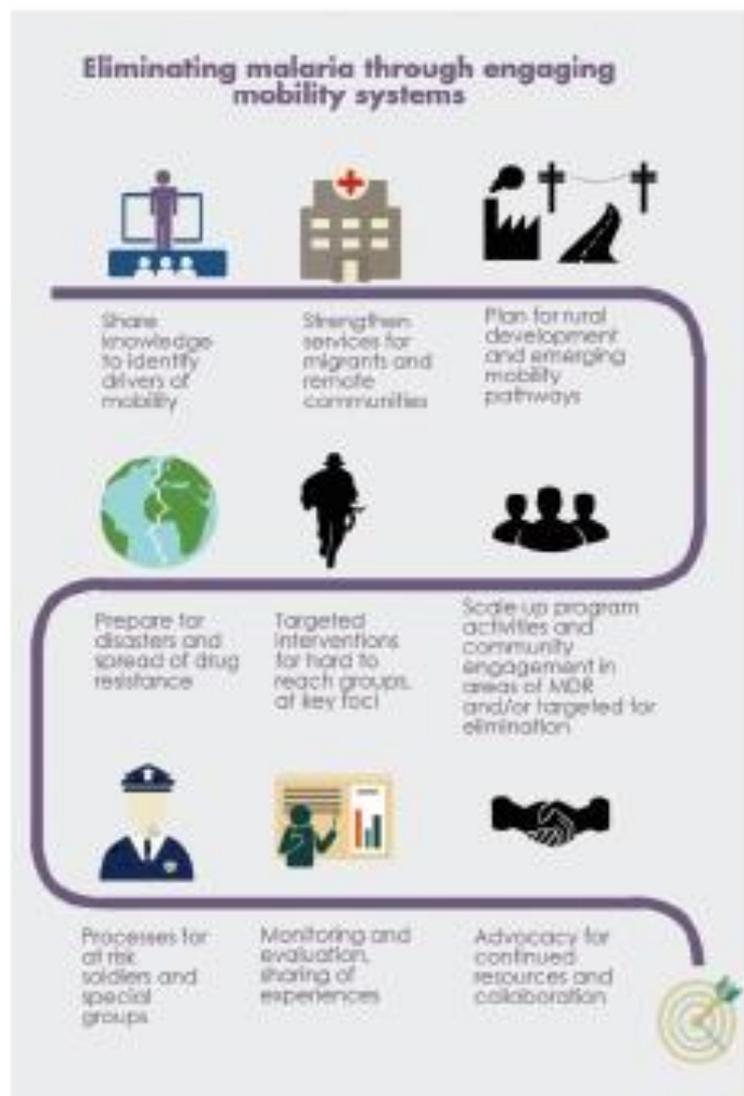
Countries of the Americ..
 1  107

Other Regions
 1  2,364

* U.S.A. - United States of America
 ** Data not available for countries not shown in table.
 Data not available for:
 2013 - U.S.A. and Saint Martin,
 2012 - Barbados, Trinidad & Tobago and Uruguay,
 2011 - Santa Lucia, and 2011 & 2013 - Saint Barthelemy.



Figure C: Mobility systems and current malaria interventions in GMS countries



- ⊙ Screening points
- ⊙ Malaria post, border malaria post
- ⊙ Twin city initiatives
- ⊙ Plantation malaria workers
- ⊙ Mobile migrant worker/volunteer
- ⊙ Buddy health clinics
- ⊙ Village health worker/volunteer, teachers, etc. in border villages
- ⊙ Border-crossing malaria corners
- ⊙ Cross-border meetings/dialogue
 - ⊙ – Local and national level
- ⊙ Military camps and outpost/patrols
- ⊙ Others.....

- ⊙ Diagnosis and treatment
- ⊙ DOT
- ⊙ Bilingual messaging, referral cards
- ⊙ LLIN / LLIHN, repellent distribution
- ⊙ Positive deviance
- ⊙ BCC, IEC, basic health education
- ⊙ Private sector accreditation
- ⊙ Surveillance – malaria specific, MBDS
- ⊙ Others.....

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graph TD; A((Malaria & Mobility – key points)) --- B(Human mobility can result in potential re-introduction of malaria); A --- C(Human mobility can result in imported malaria cases); A --- D(Migrants often excluded from malaria control programmes); A --- E(Poor treatment compliance → anti-malarial drug resistance); A --- F(Implications for possible spread of Artemisinin resistance from Asia to Africa); A --- G(Loss of or not have naturally acquired immunity due to movements in & out of endemic areas);
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Human mobility can result in potential re-introduction of malaria

Human mobility can result in imported malaria cases

Migrants often excluded from malaria control programmes

Malaria & Mobility – key points

Poor treatment compliance → anti-malarial drug resistance

Implications for possible spread of Artemisinin resistance from Asia to Africa

Loss of or not have naturally acquired immunity due to movements in & out of endemic areas

Malaria and mobile and migrant population toolkit series which attempts to offer guidance on addressing some of these issues.

http://www.who.int/malaria/areas/greater_mekong/toolkits/en/

http://apps.searo.who.int/PDS_DOCS/B5218.pdf?ua=1

http://apps.searo.who.int/PDS_DOCS/B5217.pdf?ua=1



Mobile and migrant populations and malaria information systems



Decision tree framework for selecting study methods for malaria interventions in mobile and migrant populations



Vector control and personal protection of migrant and mobile populations in the GMS: A matrix guidance on the best options and methodologies



Referencias:

Secretaría del Trabajo y Previsión Social, Consejo Nacional de Población, El Colegio de la Frontera Norte. Encuesta sobre Migración en la Frontera Norte de México 1996–1997. México, D.F.: Secretaría del Trabajo y Previsión Social; 1999.

Santibáñez J. Metodología de la Encuesta sobre Migración en la Frontera Norte de México. In: Bustamante JA, Delaunay D, Santibáñez J, eds. Taller de medición de la migración internacional. Tijuana: El Colegio de la Frontera Norte, ORSTOM; 1997. Pp. 206–29.

Secretaría del Trabajo y Previsión Social, Consejo Nacional de Población, El Colegio de la Frontera Norte. Encuesta sobre Migración en la Frontera Norte de México 1999–2000. México, D.F.: Secretaría del Trabajo y Previsión Social; 2002.