

## Annex 14B. Studies of Febrile Illness Costs to Households and Health Care Providers

Supplemental material for: Crump, J.A., P.N. Newton, S.J. Baird, and Y. Lubell. 2017. "Febrile Illness in Adolescents and Adults." In *Disease Control Priorities* (third edition). Volume 6, *Major Infectious Diseases*. Edited by K.K. Holmes, S. Bertozzi, B.R. Bloom, and P. Jha. Washington, DC: World Bank.

Reference	Country	Disease	Ambulatory cases (or unspecified)					Hospitalized cases				
			Annual HH income (US\$) <sup>a</sup>	HH direct cost (US\$) <sup>b</sup>	Provider cost (US\$)	Aggregate direct cost (US\$) <sup>c</sup>	Indirect cost (% monthly HH income) <sup>d</sup>	HH direct cost (US\$)	Provider cost (US\$)	Aggregate direct cost (US\$)	Indirect cost (% monthly HH income)	
Vijayakumar 2013	India	Chikungunya	1,120	9	N.A.	9	36	N.A.	N.A.	N.A.	N.A.	
Seyler 2010	India	Chikungunya	263	N.A.	N.A.	46	105	N.A.	N.A.	N.A.	N.A.	
Gopalan 2009	India	Chikungunya	1,448	100	N.A.	100	75	N.A.	N.A.	N.A.	N.A.	
Nandha 2009	India	Chikungunya	1,266	6	N.A.	6	13	N.A.	N.A.	N.A.	N.A.	
Shepard 2011	Philippines	Dengue	2,179	N.A.	N.A.	51	3	N.A.	N.A.	193	21	
Suaya 2009	Venezuela	Dengue	6,598	N.A.	N.A.	95	25	N.A.	N.A.	644	39	
Shepard 2011	East Timor	Dengue	603	N.A.	N.A.	16	11	N.A.	N.A.	63	69	
Suaya 2009	El Salvador	Dengue	4,314	N.A.	N.A.	43	18	N.A.	N.A.	538	18	
Suaya 2009	Brazil	Dengue	6,092	N.A.	N.A.	88	84	N.A.	N.A.	573	121	

Shepard 2011	Malaysia	Dengue	8,642	N.A	N.A.	265	1	N.A.	N.A.	717	31
Suaya 2009	Panama	Dengue	6,351	N.A	N.A.	113	65	N.A.	N.A.	1,020	83
Suaya 2009	Guatemala	Dengue	3,457	N.A	N.A.	21	37	N.A.	N.A.	521	28
Shepard 2011	Bhutan	Dengue	2,123	N.A	N.A.	48	9	N.A.	N.A.	187	6
Shepard 2011	Vietnam	Dengue	1,205	N.A	N.A.	24	14	N.A.	N.A.	70	13
Shepard 2011	Indonesia	Dengue	3,052	N.A	N.A.	69	2	N.A.	N.A.	257	3
Shepard 2011	Thailand	Dengue	5,122	N.A	N.A.	159	4	N.A.	N.A.	635	13
Tam 2012	Vietnam	Dengue	1,205	192	N.A.	192	57	N.A.	N.A.	N.A.	N.A.
Shepard 2011	Laos	Dengue	1,031	N.A	N.A.	27	32	N.A.	N.A.	100	66
Shepard 2011	Cambodia	Dengue	835	N.A	N.A.	21	52	N.A.	N.A.	91	55
Shepard 2011	Myanmar	Dengue	761	N.A	N.A.	21	9	N.A.	N.A.	77	19
Lutumba 2006	DRC	HAT	445	10	N.A.	10	483	N.A.	N.A.	N.A.	N.A.
Guo 2011	China	Influenza	3,959	29	N.A.	29	8	N.A.	N.A.	N.A.	N.A.
Guo 2012	China	Influenza	3,959	37	N.A.	37		N.A.	N.A.	N.A.	N.A.
Clague 2006	Thailand	Influenza	2,212	8	N.A.	8	11	N.A.	N.A.	N.A.	N.A.
Souza 2011	Brazil	Leptospirosis	2,723	N.A	N.A.	N.A.	N.A.	N.A.	620	N.A.	36
Mustafa 2007	Sudan	Malaria	265	8	N.A.	8	18	N.A.	N.A.	N.A.	N.A.

Gatton 2004	Myanmar	Malaria	2,242	N.A	N.A.	N.A.	11	N.A.	N.A.	N.A.	N.A.
Batwala 2011	Uganda	Malaria	253	1	3	4	8	N.A.	N.A.	N.A.	N.A.
Morel 2008	Vietnam	Malaria	1,231	1	N.A.	1	12	N.A.	N.A.	N.A.	N.A.
Deressa 2007	Ethiopia	Malaria	350	2	N.A.	2	23	N.A.	N.A.	N.A.	N.A.
Yukich 2010	Tanzania	Malaria	387	1	3	5	19	N.A.	N.A.	N.A.	N.A.
Ansah 2013	Ghana	Malaria	577	1	11	12	9	N.A.	N.A.	N.A.	N.A.
Bhengsi 2013	Thailand	Melioidosis	1,220	N.A	N.A.	N.A.	N.A.	N.A.	879	901	39
Rammaert 2011	Cambodia	Melioidosis	676	N.A	N.A.	N.A.	N.A.	577	N.A.	N.A.	N.A.
Poulos 2011	Indonesia	Typhoid	1,426	48	14	62	53	444	N.A.	444	287
Poulos 2011	China	Typhoid	1,195	73	N.A.	73	20	231	N.A.	N.A.	64
Bahl 2004	India	Typhoid	1,368	28	53	81	27	285	547	N.A.	277

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