

**Table S1 STROBE Statement—Checklist of items that should be included in reports of *cross-sectional studies***

	<b>Item No.</b>	<b>Recommendation</b>	<b>Page No.</b>
<b>Title and abstract</b>	1	(a) Indicate the study’s design with a commonly used term in the title or the abstract	3
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	3
<b>Introduction</b>			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	4
Objectives	3	State specific objectives, including any prespecified hypotheses	5
<b>Methods</b>			
Study design	4	Present key elements of study design early in the paper	5
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	5-6
Participants	6	(a) Give the eligibility criteria, and the sources and methods of selection of participants	6
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	6-7
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	6-7
Bias	9	Describe any efforts to address potential sources of bias	13
NA	10	Explain how the study size was arrived at	5-6
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	6-7
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	7
		(b) Describe any methods used to examine subgroups and interactions	7
		(c) Explain how missing data were addressed	NA
		(d) If applicable, describe analytical methods taking account of sampling strategy	7
		(e) Describe any sensitivity analyses	NA
<b>Results</b>			
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed	7

		eligible, included in the study, completing follow-up, and analysed	
		(b) Give reasons for non-participation at each stage	NA
		(c) Consider use of a flow diagram	Fig. 1
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	7-8
		(b) Indicate number of participants with missing data for each variable of interest	NA
Outcome data	15*	Report numbers of outcome events or summary measures	8-9
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	8-9
		(b) Report category boundaries when continuous variables were categorized	NA
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	NA
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	9
<b>Discussion</b>			
Key results	18	Summarise key results with reference to study objectives	9-10
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	13
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	10-12
Generalisability	21	Discuss the generalisability (external validity) of the study results	12-13
<b>Other information</b>			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	14

NA, not applicable.

\*Give information separately for exposed and unexposed groups.

**Note:** An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at <http://www.plosmedicine.org/>, Annals of Internal Medicine at <http://www.annals.org/>, and Epidemiology at <http://www.epidem.com/>). Information on the STROBE Initiative is available at [www.strobe-statement.org](http://www.strobe-statement.org).



**Table S2 Prevalence of young adolescents who rarely or never wash hands before eating**

	Total, % (95%CI)	Boys, % (95%CI)	Girls, % (95%CI)	12–13 years, % (95%CI)	14–15 years, % (95%CI)
<b>Africa Region</b>					
Algeria	5.6 (4.8, 6.4)	7.1 (5.7, 8.5)	4.4 (3.5, 5.3)	4.9 (3.8, 6.0)	6.2 (5.1, 7.3)
Botswana	4.5 (3.0, 6.0)	7.1 (4.6, 9.5)	2.3 (0.8, 3.9)	3.3 (1.1, 5.4)	4.7 (3.0, 6.4)
Ghana	8.7 (7.3, 10.1)	7.9 (6.6, 9.3)	9.2 (7.4, 11.1)	8.7 (6.4, 10.9)	8.7 (7.2, 10.1)
Kenya	8.6 (6.7, 10.4)	9.9 (7.4, 12.4)	7.3 (5.5, 9.2)	10.5 (7.7, 13.3)	7.7 (5.4, 10.0)
Mozambique	7.4 (4.1, 10.7)	5.9 (2.6, 9.2)	8.4 (4.4, 12.5)	12.5 (10.9, 14.0)	5.6 (2.6, 8.5)
Namibia	5.5 (4.3, 6.7)	5.4 (3.6, 7.3)	5.5 (4.0, 7.0)	4.4 (2.7, 6.0)	5.9 (4.3, 7.5)
Senegal	10.2 (2.3, 18.2)	9.7 (3.2, 16.1)	11.4 (0.6, 22.1)	10.8 (0.0, 22.4)	9.9 (4.0, 15.9)
Swaziland	3.6 (1.9, 5.3)	3.5 (1.6, 5.4)	3.7 (1.8, 5.5)	3.0 (1.1, 4.8)	3.8 (1.9, 5.6)
Tanzania	7.3 (5.9, 8.6)	8.1 (6.1, 10.1)	6.3 (4.9, 7.7)	7.5 (5.4, 9.6)	7.1 (5.7, 8.5)
Uganda	6.3 (4.8, 7.9)	6.6 (4.2, 9.0)	6.2 (4.5, 7.9)	7.0 (4.5, 9.6)	6.2 (4.4, 7.9)
Zambia	12.5 (9.9, 15.1)	15.3 (11.4, 19.1)	9.7 (6.9, 12.5)	15.0 (12.7, 17.3)	11.2 (7.8, 14.6)
Zimbabwe	3.9 (3.0, 4.7)	4.0 (3.1, 5.0)	3.7 (2.5, 4.9)	4.7 (3.0, 6.3)	3.7 (2.7, 4.7)
<b>Pooled estimates</b>	<b>6.6 (5.4, 7.8)</b>	<b>7.2 (5.7, 8.6)</b>	<b>5.9 (4.7, 7.1)</b>	<b>7.5 (5.2, 9.7)</b>	<b>6.4 (5.2, 7.5)</b>
<b>I<sup>2</sup> (%)</b>	<b>87.4</b>	<b>84.7</b>	<b>83.2</b>	<b>93.3</b>	<b>80.5</b>
<b>European Region</b>					
Macedonia	2.1 (1.3, 2.9)	1.9 (0.4, 3.3)	2.4 (0.7, 4.1)	2.5 (1.7, 3.3)	1.8 (0.7, 3.0)
<b>Pooled estimates</b>	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–
<b>America Region</b>					
Argentina	11.2 (10.0, 12.4)	11.4 (9.8, 13.0)	11.1 (9.9, 12.2)	8.2 (7.0, 9.3)	12.6 (11.1, 14.2)
Bahamas	15.6 (13.2, 18.0)	15.3 (12.9, 17.6)	16.0 (12.2, 19.8)	15.8 (13.6, 18.1)	15.4 (11.7, 19.0)
Barbados	14.3 (11.6, 16.9)	12.0 (8.7, 15.3)	16.5 (13.3, 19.7)	12.5 (9.5, 15.4)	14.9 (11.8, 18.0)
Belize	3.7 (3.0, 4.4)	3.3 (2.1, 4.6)	3.9 (3.0, 4.7)	3.0 (1.6, 4.4)	4.3 (3.4, 5.1)
Bolivia	10.8 (9.2, 12.3)	11.4 (9.7, 13.0)	10.3 (8.1, 12.5)	10.3 (8.1, 12.5)	11.0 (9.0, 12.9)
Cayman	11.2 (9.3, 13.1)	10.0 (7.3, 12.6)	12.5 (9.7, 15.4)	8.2 (5.8, 10.5)	13.4 (10.6, 16.1)
Costa Rica	9.6 (8.1, 11.1)	9.5 (8.0, 11.0)	9.6 (7.5, 11.7)	8.7 (5.7, 11.7)	10.1 (8.3, 11.9)
Curaçao	12.2 (10.1, 14.2)	10.4 (7.6, 13.2)	13.8 (10.8, 16.8)	12.2 (8.6, 15.8)	12.1 (9.9, 14.3)
Ecuador	12.3 (10.4, 14.2)	12.5 (10.9, 14.1)	11.3 (9.7, 13)	11.4 (9.3, 13.6)	13.3 (11, 15.7)
El Salvador	5.3 (3.9, 6.7)	4.8 (2.8, 6.7)	5.5 (4.3, 6.7)	3.6 (1.9, 5.2)	6.1 (4.5, 7.7)
Grenada	11.4 (9.3, 13.5)	10.4 (7.5, 13.3)	12.2 (9.5, 15.0)	10.5 (8.4, 12.5)	12.1 (9.1, 15.1)
Guatemala	4.5 (2.4, 6.6)	4.5 (2.5, 6.4)	4.2 (2.2, 6.1)	3.6 (1.4, 5.8)	5.0 (2.6, 7.3)
Guyana	9.2 (7.0, 11.3)	8.7 (5.7, 11.7)	9.6 (7.2, 12.0)	8.5 (4.4, 12.7)	9.4 (7.2, 11.6)
Honduras	7.5 (6.3, 8.7)	7.0 (4.8, 9.3)	7.7 (5.7, 9.7)	7.2 (5.8, 8.6)	7.7 (6.2, 9.2)
Peru	4.9 (3.7, 6.1)	4.9 (3.3, 6.6)	4.9 (3.3, 6.5)	4.7 (2.6, 6.8)	5.0 (3.8, 6.2)
Saint Kitts and Nevis	11.7 (10.0, 13.5)	11.5 (8.9, 14.2)	11.9 (9.6, 14.2)	9.7 (6.6, 12.7)	12.3 (10.3, 14.4)
Saint Lucia	16.5 (13.7, 19.2)	14.8 (11.2, 18.4)	17.8 (13.6, 22.0)	13.4 (10.1, 16.6)	18.6 (15.6, 21.6)

Saint Vincent and the Grenadines	8.7 (6.4, 11.1)	8.5 (5.7, 11.4)	8.4 (5.4, 11.5)	9.4 (5.3, 13.6)	8.0 (5.8, 10.2)
Trinidad and Tobago	11.3 (9.6, 13.0)	12.1 (9.2, 15.0)	10.3 (7.5, 13.1)	8.6 (6.0, 11.3)	13.5 (11.4, 15.6)
Uruguay	12.5 (10.6, 14.5)	12.7 (10.4, 14.9)	12.5 (10.3, 14.8)	9.6 (6.8, 12.4)	13.6 (11.6, 15.6)
Venezuela	6.4 (5.3, 7.5)	6.5 (4.8, 8.2)	6.3 (5.1, 7.5)	5.8 (4.8, 6.9)	7.3 (5.3, 9.3)
<b>Pooled estimates</b>	<b>10.0 (8.3, 11.6)</b>	<b>9.5 (7.9, 11.1)</b>	<b>10.1 (8.5, 11.7)</b>	<b>8.7 (7.2, 10.1)</b>	<b>10.6 (8.9, 12.4)</b>
<b>I<sup>2</sup> (%)</b>	<b>95.6</b>	<b>91.9</b>	<b>93.8</b>	<b>90.4</b>	<b>94.5</b>
<b>Eastern Mediterranean Region</b>					
Afghanistan	6.0 (4.0, 8.0)	6.4 (3.7, 9.0)	4.8 (2.4, 7.1)	8.6 (4.2, 13.0)	5.1 (3.2, 6.9)
Djibouti	6.0 (4.4, 7.6)	4.5 (2.6, 6.4)	8.1 (4.8, 11.4)	5.4 (2.3, 8.5)	6.1 (4.2, 7.9)
Egypt	12.9 (10.1, 15.6)	13.5 (9.2, 17.8)	12.2 (9.5, 14.9)	12.3 (9.6, 15.0)	13.5 (9.0, 18.0)
Iraq	7.3 (5.3, 9.4)	7.6 (5.0, 10.2)	7.1 (4.2, 9.9)	6.4 (3.8, 8.9)	7.9 (5.6, 10.2)
Jordan	6.8 (5.2, 8.3)	8.5 (7.0, 10.0)	5.1 (3.5, 6.8)	4.3 (0.8, 7.8)	7.1 (5.6, 8.6)
Kuwait	10.7 (8.8, 12.7)	10.1 (7.1, 13.2)	11.0 (8.7, 13.2)	11.5 (7.9, 15.1)	10.4 (8.1, 12.8)
Lebanon	5.8 (4.9, 6.6)	6.6 (4.9, 8.3)	5.0 (3.9, 6.1)	3.5 (1.8, 5.3)	7.4 (5.9, 8.8)
Libya	8.1 (6.0, 10.2)	10.6 (7.6, 13.6)	5.6 (3.8, 7.4)	7.0 (4.9, 9.0)	9.2 (6.2, 12.2)
Morocco	3.4 (2.2, 4.6)	3.7 (2.5, 4.8)	3.1 (1.6, 4.6)	3.0 (2.0, 4.1)	3.7 (2.2, 5.2)
Oman	7.9 (5.7, 10.0)	10.4 (8.3, 12.4)	5.5 (3.0, 8.0)	7.5 (2.6, 12.4)	8.0 (6.3, 9.6)
Pakistan	3.4 (2.6, 4.3)	4.5 (3.6, 5.4)	1.9 (1.6, 2.1)	2.9 (1.1, 4.8)	3.6 (2.8, 4.4)
Qatar	17.0 (13.4, 20.6)	19.5 (14.3, 24.6)	14.4 (9.2, 19.5)	14.1 (11.5, 16.6)	20.3 (13.2, 27.3)
Sudan	7.5 (5.8, 9.3)	8.7 (7.2, 10.3)	6.4 (3.4, 9.3)	5.9 (0.0, 12.0)	8.1 (6.1, 10.1)
Syrian Arab Republic	9.2 (7.2, 11.2)	10.5 (8.3, 12.7)	7.9 (6.2, 9.6)	9.3 (6.5, 12.1)	9.2 (7.0, 11.3)
Tunisia	6.0 (5.1, 6.9)	6.7 (5.2, 8.2)	5.2 (4.0, 6.4)	4.9 (3.8, 5.9)	6.9 (5.3, 8.5)
United Arab Emirates	8.4 (6.8, 10.1)	9.5 (6.6, 12.4)	7.5 (6.2, 8.9)	8.9 (6.1, 11.6)	8.2 (6.5, 10.0)
UNRWA	6.9 (5.6, 8.1)	8.5 (7.4, 9.7)	5.1 (4.0, 6.2)	6.7 (4.6, 8.8)	6.9 (5.9, 8.0)
Yemen	8.3 (4.7, 11.9)	9.0 (4.1, 13.9)	7.0 (1.2, 12.8)	7.7 (2.4, 13.1)	8.7 (4.2, 13.2)
<b>Pooled estimates</b>	<b>7.6 (6.4, 8.7)</b>	<b>8.3 (7.0, 9.7)</b>	<b>6.6 (5.1, 8.1)</b>	<b>7.1 (5.6, 8.6)</b>	<b>7.6 (6.5, 8.8)</b>
<b>I<sup>2</sup> (%)</b>	<b>89.9</b>	<b>88.5</b>	<b>95.1</b>	<b>87.4</b>	<b>86.3</b>
<b>Southeast Asia Region</b>					
Bangladesh	3.1 (1.4, 4.8)	3.0 (0.3, 5.8)	3.2 (1.8, 4.7)	5.5 (3.5, 7.4)	2.1 (1.0, 3.1)
India	5.9 (4.8, 7.0)	6.6 (5.4, 7.9)	5.0 (3.7, 6.2)	6.0 (4.3, 7.7)	5.9 (4.6, 7.1)
Indonesia	2.5 (2.0, 3.0)	3.2 (2.4, 4.0)	1.8 (1.2, 2.3)	2.6 (2.0, 3.2)	2.3 (1.7, 3.0)
Thailand	14.9 (12.2, 17.6)	14.4 (12.0, 16.7)	15.5 (11.7, 19.3)	14.3 (11.8, 16.8)	15.4 (11.7, 19.1)
Timor-Leste	20.9 (18.6, 23.2)	24.3 (21.2, 27.4)	17.2 (14.1, 20.3)	24.5 (20.6, 28.4)	19.7 (17.3, 22.1)
<b>Pooled estimates</b>	<b>9.3 (4.2, 14.5)</b>	<b>10.2 (4.6, 15.8)</b>	<b>8.1 (4.2, 12.0)</b>	<b>10.3 (4.9, 15.7)</b>	<b>8.8 (4.3, 13.3)</b>
<b>I<sup>2</sup> (%)</b>	<b>98.7</b>	<b>98.3</b>	<b>97.3</b>	<b>98.0</b>	<b>98.4</b>
<b>Western Pacific Region</b>					

Brunei Darussalam	3.5 (2.6, 4.4)	3.7 (2.5, 5.0)	3.3 (2.3, 4.4)	4.7 (2.3, 7.2)	3.0 (2.2, 3.7)
Cambodia	2.1 (1.3, 2.9)	2.1 (1.1, 3.2)	2.0 (1.3, 2.7)	2.2 (1.0, 3.4)	2.1 (1.1, 3.1)
China	4.9 (4.2, 5.6)	5.7 (4.7, 6.7)	4.0 (3.2, 4.8)	5.4 (4.4, 6.5)	4.5 (3.6, 5.3)
Cook	7.4 (3.7, 11.1)	8.4 (2.1, 14.7)	6.1 (2.0, 10.3)	9.8 (1.3, 18.2)	6.9 (3.7, 10.1)
Kiribati	20.6 (15.7, 25.5)	24.9 (18.2, 31.5)	16.9 (12.6, 21.3)	15.4 (10.3, 20.4)	22.7 (17.1, 28.4)
Laos	1.9 (0.8, 3.0)	2.0 (0.5, 3.4)	1.8 (0.8, 2.8)	0.4 (0.0, 1.4)	2.0 (0.8, 3.3)
Malaysia	5.0 (4.4, 5.6)	6.1 (5.4, 6.8)	3.9 (3.1, 4.7)	4.9 (3.9, 5.9)	5.0 (4.4, 5.6)
Mongolia	6.9 (5.8, 8.0)	7.4 (6.2, 8.6)	6.3 (4.6, 8.0)	6.7 (5.6, 7.8)	7.1 (5.3, 8.8)
Nauru	8.5 (5.5, 11.6)	13.0 (7.6, 18.4)	4.4 (1.3, 7.5)	4.9 (1.4, 8.4)	11.7 (7.0, 16.5)
Philippines	7.7 (4.2, 11.2)	7.7 (4.6, 10.8)	7.6 (3.3, 12.0)	6.6 (2.6, 10.5)	8.3 (3.6, 13.0)
Samoa	14.6 (12.7, 16.4)	17.9 (15.8, 20.0)	11.1 (8.8, 13.4)	16.6 (13.0, 20.2)	13.9 (11.8, 15.9)
Solomon	8.6 (7.0, 10.3)	9.8 (6.3, 13.4)	6.4 (4.0, 8.9)	5.2 (2.1, 8.3)	9.9 (7.3, 12.4)
Tokelau	17.0 (8.7, 25.3)	14.2 (3.7, 24.8)	21.8 (7.2, 36.3)	17.3 (5.3, 29.2)	16.6 (4.7, 28.6)
Tonga	11.4 (9.5, 13.3)	11.8 (8.7, 14.9)	10.8 (9.0, 12.6)	12.8 (9.2, 16.4)	10.9 (8.9, 12.8)
Tuvalu	38.7 (35.0, 42.4)	45.2 (39.7, 50.7)	32.6 (27.6, 37.7)	35.5 (30.6, 40.3)	42.9 (37.1, 48.7)
Vanuatu	5.7 (4.4, 6.9)	6.8 (4.2, 9.4)	4.6 (3.2, 6.1)	5.9 (2.9, 8.9)	5.4 (3.7, 7.1)
Vietnam	7.0 (5.1, 8.9)	6.6 (4.9, 8.3)	7.4 (4.6, 10.2)	–	6.9 (5.1, 8.7)
Wallis and Futuna	12.2 (9.6, 14.8)	12.4 (9.0, 15.8)	11.8 (8.7, 14.9)	12.1 (7.1, 17.1)	12.2 (9.1, 15.4)
<b>Pooled estimates</b>	<b>9.6 (7.6, 11.6)</b>	<b>10.5 (8.3, 12.8)</b>	<b>7.8 (6.1, 9.5)</b>	<b>9.0 (6.7, 11.3)</b>	<b>9.4 (7.5, 11.3)</b>
<b>I<sup>2</sup> (%)</b>	<b>97.5</b>	<b>96.6</b>	<b>95.1</b>	<b>96.2</b>	<b>96.2</b>
<b>Total</b>					
<b>Pooled estimates</b>	<b>7.4 (4.4, 10.3)</b>	<b>7.7 (5.0, 10.5)</b>	<b>6.7 (4.6, 8.8)</b>	<b>7.3 (4.4, 10.2)</b>	<b>7.3 (4.6, 10.1)</b>
<b>I<sup>2</sup> (%)</b>	<b>96.2</b>	<b>93.0</b>	<b>89.0</b>	<b>94.4</b>	<b>94.9</b>

**Table S3 Prevalence of young adolescents who rarely or never wash hands after using the toilet or latrine**

	Total, % (95%CI)	Boys, % (95%CI)	Girls, % (95%CI)	12–13 years, % (95%CI)	14–15 years, % (95%CI)
<b>Africa Region</b>					
Algeria	3.1 (2.4, 3.8)	3.4 (2.4, 4.4)	2.6 (1.8, 3.5)	2.9 (1.4, 4.3)	3.3 (2.3, 4.4)
Botswana	5.1 (4.1, 6.2)	6.9 (5.4, 8.4)	3.7 (2.1, 5.3)	3.8 (1.6, 6.1)	5.4 (4.1, 6.6)
Ghana	11.8 (10.1, 13.5)	12.4 (10.2, 14.5)	11.2 (9.0, 13.4)	12.5 (9.7, 15.3)	11.5 (10.0, 12.9)
Kenya	13.9 (11.7, 16.1)	15.5 (12.7, 18.3)	15.5 (12.7, 18.3)	15.3 (12.5, 18.1)	13.3 (10.7, 15.8)
Mozambique	7.8 (4.0, 11.6)	6.7 (5.2, 8.1)	8.4 (3.4, 13.5)	11.3 (2.6, 19.9)	6.6 (3.2, 10.0)
Namibia	6.4 (4.9, 7.9)	8.4 (6.4, 10.4)	4.9 (3.2, 6.5)	7.6 (5.5, 9.6)	5.9 (4.0, 7.9)
Senegal	10.0 (2.2, 17.8)	9.4 (2.1, 16.7)	11.0 (1.1, 21.0)	11.5 (0.0, 23.2)	9.1 (3.4, 14.8)
Swaziland	2.8 (2.2, 3.5)	3.4 (2.1, 4.7)	2.5 (1.8, 3.3)	2.1 (1.1, 3.0)	3.1 (2.3, 3.9)
Tanzania	17.3 (13.9, 20.7)	17.6 (13.3, 22.0)	16.7 (13.1, 20.4)	17.4 (13.1, 21.6)	17.3 (14.0, 20.6)
Uganda	7.9 (5.6, 10.3)	8.4 (5.2, 11.6)	7.2 (4.4, 10.0)	6.2 (3.8, 8.6)	8.3 (5.8, 10.9)
Zambia	15.4 (12.6, 18.2)	16.3 (11.8, 20.7)	13.6 (10.4, 16.7)	17.4 (14.7, 20.0)	14.4 (11.1, 17.7)
Zimbabwe	6.2 (4.9, 7.5)	7.6 (5.8, 9.5)	4.8 (3.5, 6.1)	5.8 (4.2, 7.3)	6.3 (4.9, 7.7)
<b>Pooled estimates</b>	<b>8.7 (6.5, 10.9)</b>	<b>9.3 (7.0, 11.6)</b>	<b>8.1 (5.8, 10.3)</b>	<b>9.1 (6.1, 12.2)</b>	<b>8.5 (6.2, 10.8)</b>
<b>I<sup>2</sup> (%)</b>	<b>96.5</b>	<b>93.8</b>	<b>95.1</b>	<b>95.6</b>	<b>95.4</b>
<b>European Region</b>					
Macedonia	1.8 (0.9, 2.8)	1.8 (0.9, 2.8)	2.2 (0.8, 3.6)	2.2 (0.8, 3.6)	2.1 (1.1, 3.0)
<b>Pooled estimates</b>	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–
<b>America Region</b>					
Argentina	5.9 (4.9, 6.9)	7.1 (5.5, 8.6)	4.7 (3.8, 5.7)	4.5 (3.4, 5.7)	6.5 (5.4, 7.6)
Bahamas	4.5 (3.2, 5.7)	4.2 (2.3, 6.1)	4.8 (3.5, 6.1)	3.5 (2.1, 5.0)	5.5 (3.2, 7.8)
Barbados	1.7 (1.1, 2.4)	2.0 (1.0, 2.9)	1.5 (0.6, 2.3)	0.7 (0.0, 1.4)	2.1 (1.3, 2.9)
Belize	1.6 (1.1, 2.2)	2.6 (1.5, 3.7)	0.7 (0.0, 1.5)	1.1 (0.3, 1.8)	2.1 (1.2, 3.0)
Bolivia	7.3 (5.9, 8.6)	7.5 (5.4, 9.5)	7.0 (5.5, 8.5)	9.8 (7.7, 12.0)	6.3 (4.9, 7.7)
Cayman	4.7 (3.4, 6.0)	5.3 (3.3, 7.3)	4.0 (2.4, 5.7)	4.3 (2.5, 6.2)	4.9 (3.2, 6.7)
Costa Rica	2.2 (1.5, 2.8)	2.5 (1.4, 3.5)	1.9 (1.1, 2.6)	1.9 (0.7, 3.0)	2.3 (1.5, 3.1)
Curaçao	3.6 (2.6, 4.5)	4.1 (2.6, 5.6)	3.0 (1.9, 4.2)	2.7 (1.4, 3.9)	4.0 (2.8, 5.1)
Ecuador	6.5 (5.1, 8.0)	7.0 (5.9, 8.0)	5.3 (3.9, 6.7)	6.4 (4.9, 8.0)	6.6 (4.0, 9.3)
El Salvador	4.0 (2.3, 5.8)	4.2 (1.6, 6.9)	3.3 (1.8, 4.8)	3.1 (1.1, 5.1)	4.4 (2.6, 6.3)
Grenada	3.5 (2.7, 4.3)	4.3 (2.9, 5.8)	2.9 (1.8, 4.1)	3.6 (1.9, 5.2)	3.5 (2.4, 4.5)
Guatemala	2.7 (1.1, 4.2)	3.1 (1.3, 4.8)	2.0 (1.1, 2.9)	3.3 (1.9, 4.7)	2.4 (0.5, 4.3)
Guyana	6.4 (4.4, 8.3)	6.9 (4.5, 9.3)	5.6 (3.3, 7.8)	6.6 (3.1, 10.1)	6.2 (4.4, 8.1)
Honduras	5.2 (3.7, 6.7)	4.6 (2.5, 6.6)	5.6 (3.5, 7.6)	6.1 (4.0, 8.2)	6.1 (4.0, 8.2)
Peru	6.6 (5.4, 7.8)	6.4 (4.6, 8.2)	6.8 (5.2, 8.3)	6.8 (4.5, 9.2)	6.5 (5.2, 7.8)
Saint Kitts and Nevis	2.9 (2.0, 3.9)	4.3 (2.6, 6.0)	1.6 (0.7, 2.4)	1.9 (0.5, 3.3)	3.2 (2.1, 4.4)
Saint Lucia	4.4 (3.2, 5.5)	5.1 (3.0, 7.3)	3.7 (2.4, 5.1)	4.3 (2.8, 5.8)	4.4 (2.7, 6.1)

Saint Vincent and the Grenadines	4.1 (2.8, 5.4)	3.9 (2.1, 5.8)	3.7 (1.8, 5.5)	3.6 (2.1, 5.1)	4.6 (2.9, 6.4)
Trinidad and Tobago	2.7 (1.9, 3.5)	2.8 (2.0, 3.6)	2.4 (1.4, 3.5)	1.6 (0.6, 2.6)	3.6 (2.1, 5.1)
Uruguay	7.6 (5.8, 9.3)	7.6 (5.8, 9.3)	6.3 (4.6, 8.0)	5.6 (3.9, 7.3)	7.3 (5.7, 9.0)
Venezuela	3.1 (2.6, 3.7)	3.9 (2.8, 4.9)	2.4 (1.5, 3.3)	3.2 (2.5, 3.8)	3.1 (2.1, 4.0)
<b>Pooled estimates</b>	<b>4.2 (3.5, 5.0)</b>	<b>4.7 (3.8, 5.5)</b>	<b>3.7 (2.9, 4.4)</b>	<b>3.8 (3.0, 4.7)</b>	<b>4.4 (3.7, 5.2)</b>
<b>I<sup>2</sup> (%)</b>	<b>91.5</b>	<b>84.6</b>	<b>89.1</b>	<b>88.9</b>	<b>85.7</b>
<b>Eastern Mediterranean Region</b>					
Afghanistan	5.6 (3.0, 8.2)	5.8 (2.3, 9.2)	4.6 (1.2, 8.0)	8.6 (2.6, 14.6)	4.5 (2.1, 7.0)
Djibouti	12.9 (11.3, 14.6)	13.5 (11.4, 15.7)	11.8 (8.9, 14.7)	15.3 (11.1, 19.5)	12.5 (10.7, 14.2)
Egypt	9.3 (6.4, 12.3)	11.3 (6.4, 16.2)	7.5 (4.3, 10.6)	9.4 (6.6, 12.3)	9.2 (4.7, 13.8)
Iraq	8.1 (6.0, 10.2)	9.9 (7.3, 12.5)	6.0 (4.0, 8.1)	8.2 (4.8, 11.6)	8.1 (5.5, 10.7)
Jordan	7.0 (4.4, 9.6)	8.8 (7.0, 10.6)	5.2 (2.9, 7.5)	7.8 (2.3, 13.2)	6.9 (4.4, 9.4)
Kuwait	6.2 (4.5, 7.9)	7.6 (5.2, 9.9)	4.8 (3.2, 6.4)	5.4 (2.8, 8.1)	6.5 (4.6, 8.5)
Lebanon	2.4 (1.1, 3.6)	3.1 (1.0, 5.2)	1.7 (0.7, 2.7)	1.9 (0.6, 3.1)	2.7 (0.9, 4.5)
Libya	6.8 (5.2, 8.4)	8.6 (6.1, 11.0)	5.1 (3.5, 6.6)	6.8 (5.3, 8.2)	6.8 (4.6, 9.1)
Morocco	5.3 (4.5, 6.1)	5.6 (3.7, 7.5)	5.6 (3.7, 7.5)	5.6 (3.7, 7.5)	5.6 (3.7, 7.5)
Oman	8.8 (6.9, 10.7)	8.8 (6.9, 10.7)	8.8 (6.9, 10.7)	8.8 (6.9, 10.7)	8.8 (6.9, 10.7)
Pakistan	3.3 (2.3, 4.3)	3.3 (2.3, 4.3)	3.3 (2.3, 4.3)	3.3 (2.3, 4.3)	3.3 (2.3, 4.3)
Qatar	4.0 (3.1, 4.9)	4.5 (3.3, 5.7)	3.6 (2.5, 4.7)	3.5 (2.3, 4.7)	4.4 (2.9, 5.9)
Sudan	11.9 (9.8, 14.1)	11.9 (9.8, 14.1)	11.9 (9.8, 14.1)	11.9 (9.8, 14.1)	11.9 (9.8, 14.1)
Syrian Arab Republic	3.8 (2.1, 5.5)	4.2 (2.9, 5.4)	3.4 (1.3, 5.5)	4.5 (2.3, 6.7)	3.2 (1.7, 4.7)
Tunisia	4.0 (3.1, 4.9)	4.5 (3.3, 5.7)	3.6 (2.5, 4.7)	3.5 (2.3, 4.7)	4.4 (2.9, 5.9)
United Arab Emirates	3.4 (2.4, 4.4)	4.3 (3.2, 5.5)	2.8 (2.0, 3.6)	3.3 (1.9, 4.7)	3.5 (2.4, 4.5)
UNRWA	4.8 (3.9, 5.7)	6.7 (5.6, 7.7)	3.0 (2.4, 3.6)	5.5 (4.2, 6.8)	4.4 (3.6, 5.2)
Yemen	14.7 (11.4, 17.9)	15.0 (10.8, 19.2)	12.6 (6.6, 18.6)	14.1 (7.1, 21.0)	15.1 (11.0, 19.1)
<b>Pooled estimates</b>	<b>6.6 (5.3, 7.8)</b>	<b>7.3 (6.0, 8.7)</b>	<b>5.4 (4.3, 6.4)</b>	<b>6.4 (5.1, 7.8)</b>	<b>6.5 (5.2, 7.9)</b>
<b>I<sup>2</sup> (%)</b>	<b>93.3</b>	<b>91.3</b>	<b>89.9</b>	<b>89.3</b>	<b>91.4</b>
<b>Southeast Asia Region</b>					
Bangladesh	1.9 (0.2, 3.6)	2.2 (0.0, 5.0)	1.5 (0.4, 2.7)	3.7 (2.3, 5.1)	1.2 (0.7, 1.7)
India	3.3 (2.6, 4.0)	3.3 (2.4, 4.1)	3.4 (2.5, 4.2)	3.5 (2.4, 4.5)	3.2 (2.5, 4.0)
Indonesia	2.3 (1.8, 2.8)	3.2 (2.3, 4.2)	1.4 (1.0, 1.8)	2.3 (1.7, 3.0)	2.2 (1.7, 2.8)
Thailand	6.5 (5.2, 7.8)	8.2 (5.9, 10.5)	4.8 (2.9, 6.8)	7.4 (5.6, 9.3)	5.8 (4.4, 7.2)
Timor-Leste	27.5 (24.1, 30.9)	29.8 (25.7, 34.0)	24.9 (20.1, 29.8)	30.3 (24.7, 35.9)	26.6 (23.5, 29.7)
<b>Pooled estimates</b>	<b>7.7 (4.3, 11.1)</b>	<b>8.8 (4.4, 13.2)</b>	<b>5.5 (3.0, 8.0)</b>	<b>7.7 (4.5, 10.9)</b>	<b>7.1 (4.1, 10.1)</b>
<b>I<sup>2</sup> (%)</b>	<b>98.3</b>	<b>97.6</b>	<b>96.5</b>	<b>96.6</b>	<b>98.6</b>
<b>Western Pacific Region</b>					



Brunei Darussalam	2.9 (1.7, 4.1)	3.6 (1.6, 5.5)	2.2 (1.2, 3.2)	3.6 (0.8, 6.4)	2.6 (1.6, 3.6)
Cambodia	3.0 (2.0, 4.1)	3.6 (2.2, 5.0)	2.5 (1.3, 3.7)	2.3 (0.3, 4.3)	3.3 (2.1, 4.5)
China	3.0 (2.4, 3.5)	3.7 (3.0, 4.4)	2.2 (1.7, 2.8)	3.0 (2.4, 3.6)	3.0 (2.3, 3.7)
Cook	4.3 (1.6, 7.0)	5.8 (0.6, 11.1)	2.5 (0.7, 4.2)	6.1 (0.4, 11.8)	3.9 (1.5, 6.4)
Kiribati	16.1 (12.7, 19.4)	19.6 (15.0, 24.1)	13.0 (10.1, 16.0)	14.1 (9.8, 18.3)	16.9 (13.1, 20.6)
Laos	3.8 (2.1, 5.6)	4.3 (2.2, 6.4)	3.4 (1.4, 5.4)	3.6 (0.0, 8.1)	3.9 (2.1, 5.6)
Malaysia	6.0 (5.3, 6.7)	7.1 (6.1, 8.0)	4.9 (4.1, 5.6)	6.5 (5.4, 7.6)	5.7 (4.9, 6.5)
Mongolia	10.5 (8.8, 12.2)	11.8 (9.6, 14.0)	9.1 (7.2, 11.0)	10.1 (8.1, 12.1)	10.8 (8.5, 13.1)
Nauru	8.1 (5.1, 11.1)	12.6 (7.2, 18.0)	3.3 (0.9, 5.8)	6.9 (2.7, 11.1)	9.2 (5.0, 13.4)
Philippines	6.3 (3.3, 9.3)	7.0 (4.3, 9.6)	5.6 (2.1, 9.2)	4.3 (1.4, 7.2)	7.4 (3.4, 11.5)
Samoa	17.1 (14.6, 19.6)	18.8 (15.8, 21.8)	14.8 (11.5, 18.2)	18.1 (13.6, 22.6)	16.7 (14.0, 19.4)
Solomon	8.9 (6.5, 11.4)	9.5 (6.5, 12.5)	8.5 (5.8, 11.2)	5.7 (2.9, 8.5)	10.1 (6.9, 13.4)
Tokelau	5.4 (0.8, 10.0)	5.5 (0.0, 11.9)	5.7 (0.0, 12.8)	4.3 (0.0, 9.9)	6.7 (0.0, 14.6)
Tonga	6.7 (5.3, 8.1)	6.7 (4.6, 8.7)	6.7 (5.0, 8.4)	6.4 (3.7, 9.0)	6.8 (5.2, 8.4)
Tuvalu	17.9 (14.9, 20.9)	25.2 (20.3, 30.0)	10.7 (7.3, 14.1)	17.2 (13.3, 21.0)	18.9 (14.2, 23.6)
Vanuatu	6.8 (4.1, 9.5)	8.5 (3.8, 13.3)	5.2 (2.8, 7.5)	8.3 (4.8, 11.7)	5.2 (2.6, 7.8)
Vietnam	2.2 (1.5, 2.9)	2.8 (1.6, 4.0)	1.6 (0.8, 2.5)	6.4 (0.0, 19.7)	2.1 (1.4, 2.8)
Wallis and Futuna	7.9 (5.8, 10.0)	7.9 (4.6, 11.3)	7.8 (5.0, 10.6)	10.1 (6.0, 14.1)	6.5 (4.3, 8.6)
<b>Pooled estimates</b>	<b>7.4 (5.8, 9.0)</b>	<b>8.7 (6.8, 10.7)</b>	<b>5.8 (4.4, 7.1)</b>	<b>7.4 (5.6, 9.3)</b>	<b>7.3 (5.7, 8.9)</b>
<b>I<sup>2</sup> (%)</b>	<b>95.9</b>	<b>94.2</b>	<b>92.9</b>	<b>90.7</b>	<b>94.4</b>
<b>Total</b>					
<b>Pooled estimates</b>	<b>5.9 (3.8, 7.9)</b>	<b>6.5 (4.1, 9.0)</b>	<b>5.0 (3.6, 6.3)</b>	<b>5.8 (3.9, 7.7)</b>	<b>5.8 (3.9, 7.7)</b>
<b>I<sup>2</sup> (%)</b>	<b>93.1</b>	<b>94.1</b>	<b>84.1</b>	<b>88.2</b>	<b>91.5</b>

**Table S4 Prevalence of young adolescents who rarely or never wash hands using soap**

	Total, % (95%CI)	Boys, % (95%CI)	Girls, % (95%CI)	12–13 years, % (95%CI)	14–15 years, % (95%CI)
<b>Africa Region</b>					
Algeria	5.1 (4.3, 5.8)	6.1 (4.9, 7.3)	4.1 (3, 5.2)	4.8 (3.6, 6.1)	5.3 (4.2, 6.4)
Botswana	17.0 (13.3, 20.8)	17.9 (13.7, 22.2)	16.1 (12, 20.2)	17.6 (11.3, 23.9)	16.9 (13.1, 20.7)
Ghana	13.5 (11.7, 15.4)	13.8 (11.9, 15.8)	13.1 (10.7, 15.4)	12.7 (10.4, 15.1)	13.9 (12, 15.9)
Kenya	16.6 (13.8, 19.5)	17.5 (14.8, 20.1)	15.8 (11.6, 20)	16.8 (14, 19.5)	16.6 (13.2, 19.9)
Mozambique	12.0 (5.7, 18.3)	7.7 (5.1, 10.4)	15.9 (5.6, 26.3)	16.6 (3.3, 30.0)	10.3 (4.1, 16.4)
Namibia	10.8 (8.5, 13.0)	12.7 (9.6, 15.7)	9.0 (6.9, 11.1)	9.6 (6.3, 12.8)	11.3 (8.6, 13.9)
Senegal	14.7 (7.6, 21.8)	13.7 (7.4, 20.0)	16.2 (7.0, 25.4)	16.1 (5.1, 27.0)	13.9 (8.9, 18.9)
Swaziland	11.6 (9.7, 13.5)	13.5 (10.9, 16.2)	10.4 (8.5, 12.3)	11.2 (7.4, 15.0)	11.8 (10.0, 13.6)
Tanzania	20.5 (17.7, 23.3)	22.1 (18.4, 25.9)	18.8 (15.3, 22.2)	20.2 (16.4, 23.9)	20.8 (18.0, 23.5)
Uganda	14.7 (11.8, 17.5)	14.7 (10.6, 18.7)	14.6 (11.3, 17.9)	14.4 (11.2, 17.5)	14.7 (11.7, 17.7)
Zambia	20.6 (17.7, 23.4)	19.0 (15.7, 22.3)	21.7 (18.2, 25.2)	22.6 (16.9, 28.3)	19.5 (16.4, 22.6)
Zimbabwe	6.2 (4.9, 7.5)	7.6 (5.8, 9.5)	4.8 (3.5, 6.1)	5.8 (4.2, 7.3)	6.3 (4.9, 7.7)
<b>Pooled estimates</b>	<b>13.5 (10.2, 16.8)</b>	<b>13.7 (10.6, 16.8)</b>	<b>13.0 (9.7, 16.3)</b>	<b>13.5 (10.0, 17.0)</b>	<b>13.4 (10.2, 16.6)</b>
<b>I<sup>2</sup> (%)</b>	<b>96.8</b>	<b>94.2</b>	<b>95.5</b>	<b>93.9</b>	<b>95.6</b>
<b>European Region</b>					
Macedonia	3.8 (2.4, 5.2)	4.2 (2.0, 6.4)	3.3 (1.6, 5.1)	3.5 (1.3, 5.7)	3.9 (2.4, 5.4)
<b>Pooled estimates</b>	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–
<b>America Region</b>					
Argentina	6.2 (5.4, 7.1)	8.5 (6.9, 10.1)	4.1 (3.6, 4.7)	4.3 (3.3, 5.3)	7.2 (6.2, 8.1)
Bahamas	8.5 (6.9, 10.2)	8.9 (6.0, 11.8)	8.2 (6.5, 10.0)	8.6 (6.6, 10.6)	8.5 (5.9, 11.0)
Barbados	7.8 (6.1, 9.5)	4.2 (2.0, 6.4)	3.3 (1.6, 5.1)	3.5 (1.3, 5.7)	3.9 (2.4, 5.4)
Belize	4.5 (3.3, 5.7)	4.5 (2.4, 6.6)	4.6 (2.5, 6.6)	4.3 (2.6, 5.9)	4.8 (3.5, 6.0)
Bolivia	16.0 (13.6, 18.4)	18.3 (15.3, 21.3)	13.7 (11.2, 16.2)	14.8 (11.3, 18.3)	16.5 (14.1, 18.9)
Cayman	4.7 (3.4, 6.0)	5.3 (3.3, 7.3)	4.0 (2.4, 5.7)	4.3 (2.5, 6.2)	4.9 (3.2, 6.7)
Costa Rica	5.4 (4.3, 6.5)	5.7 (3.5, 7.9)	5.1 (4.0, 6.3)	4.5 (2.5, 6.5)	5.9 (4.7, 7.0)
Curaçao	6.4 (4.8, 8.0)	6.7 (4.6, 8.9)	6.2 (4.1, 8.2)	7.0 (4.5, 9.5)	6.1 (4.6, 7.6)
Ecuador	9.5 (8, 11)	9.7 (8.9, 10.6)	8.5 (7.3, 9.7)	9.1 (8, 10.1)	10.1 (7.4, 12.7)
El Salvador	5.6 (4.1, 7.1)	5.4 (3.2, 7.6)	5.2 (3.3, 7.1)	4.8 (2.3, 7.3)	5.9 (4.2, 7.6)
Grenada	10.2 (8.2, 12.2)	9.3 (6.1, 12.5)	10.9 (8.4, 13.4)	9.8 (6.8, 12.9)	10.5 (8.2, 12.8)
Guatemala	5.6 (3.9, 7.3)	6.8 (4.8, 8.8)	4.5 (2.1, 6.8)	6.8 (4.6, 8.9)	5.0 (2.9, 7.1)
Guyana	10.7 (8.1, 13.2)	11.7 (7.8, 15.7)	9.6 (6.9, 12.3)	9.0 (5.8, 12.1)	11.3 (8.5, 14.1)
Honduras	58.7 (54.6, 62.7)	56.0 (51.6, 60.4)	60.9 (56.0, 65.7)	53.7 (47.4, 59.9)	63.2 (58.1, 68.3)
Peru	7.5 (5.8, 9.2)	8.7 (6.5, 10.8)	6.4 (4.4, 8.5)	8.8 (5.5, 12.1)	7.1 (5.5, 8.6)
Saint Kitts and Nevis	2.9 (2.0, 3.9)	4.3 (2.6, 6.0)	1.6 (0.7, 2.4)	1.9 (0.5, 3.3)	3.2 (2.1, 4.4)
Saint Lucia	11.1 (8.9, 13.3)	13.0 (9.0, 16.9)	9.6 (7.0, 12.2)	8.6 (5.7, 11.6)	12.8 (10.2, 15.4)

Saint Vincent and the Grenadines	8.4 (6.4, 10.3)	8.0 (4.8, 11.3)	8.7 (6.3, 11.2)	9.7 (6.4, 12.9)	7.0 (5.0, 8.9)
Trinidad and Tobago	10.0 (8.9, 11.0)	11.1 (8.8, 13.3)	8.7 (6.3, 11.1)	7.6 (5.1, 10.1)	11.9 (9.9, 13.9)
Uruguay	3.6 (2.5, 4.7)	4.5 (3.0, 6.0)	2.8 (1.6, 4.0)	7.6 (5.1, 10.1)	11.9 (9.9, 13.9)
Venezuela	3.1 (2.6, 3.7)	3.9 (2.8, 4.9)	2.4 (1.5, 3.3)	3.2 (2.5, 3.8)	3.1 (2.1, 4.0)
<b>Pooled estimates</b>	<b>9.5 (7.4, 11.5)</b>	<b>9.9 (7.5, 12.4)</b>	<b>8.5 (6.5, 10.5)</b>	<b>8.3 (6.5, 10.1)</b>	<b>10.0 (7.8, 12.2)</b>
<b>I<sup>2</sup> (%)</b>	<b>98.1</b>	<b>97.0</b>	<b>97.5</b>	<b>95.4</b>	<b>97.4</b>
<b>Eastern Mediterranean Region</b>					
Afghanistan	11.3 (6.7, 15.9)	15.0 (9.1, 21.0)	7.2 (5.9, 8.5)	9.7 (5.6, 13.8)	11.9 (6.0, 17.8)
Djibouti	11.8 (9.1, 14.5)	11.9 (7.8, 16.0)	11.8 (9.1, 14.5)	9.2 (6.1, 12.4)	12.3 (9.4, 15.2)
Egypt	7.7 (5.0, 10.3)	10.3 (5.9, 14.7)	5.1 (3.3, 6.9)	7.7 (5.5, 10.0)	7.6 (3.5, 11.6)
Iraq	3.9 (2.7, 5.2)	4.0 (2.5, 5.5)	3.9 (2.8, 4.9)	3.6 (1.7, 5.5)	4.1 (2.8, 5.4)
Jordan	8.8 (6.6, 10.9)	10.7 (8.8, 12.7)	6.9 (4.3, 9.5)	12.3 (5.1, 19.4)	8.3 (6.5, 10.0)
Kuwait	6.9 (4.7, 9.1)	7.9 (4.8, 11.0)	5.6 (4.4, 6.7)	4.9 (2.5, 7.3)	7.7 (5.0, 10.4)
Lebanon	1.8 (1.1, 2.5)	2.8 (1.2, 4.3)	0.9 (0.2, 1.6)	2.2 (0.9, 3.4)	1.4 (0.7, 2.1)
Libya	7.2 (5.7, 8.8)	9.4 (7.0, 11.8)	5.2 (3.4, 7.0)	7.3 (5.1, 9.5)	7.2 (5.4, 9.1)
Morocco	7.4 (5.9, 8.9)	8.8 (6.6, 11.0)	5.8 (4.5, 7.1)	7.3 (5.4, 9.3)	7.5 (5.8, 9.1)
Oman	7.3 (5.3, 9.4)	9.2 (6.3, 12.1)	5.2 (3.7, 6.8)	6.8 (3.7, 9.9)	7.5 (5.6, 9.4)
Pakistan	8.1 (6.0, 10.1)	10.9 (8.3, 13.5)	3.6 (3.0, 4.2)	8.4 (5.9, 10.9)	8.0 (5.7, 10.3)
Qatar	15.8 (12.1, 19.5)	19.1 (14.3, 24.0)	12.9 (6.8, 18.9)	14.4 (11.3, 17.5)	17.4 (10.3, 24.5)
Sudan	19.9 (15.2, 24.7)	21.9 (17.7, 26.1)	17.8 (11.0, 24.6)	18.6 (8.7, 28.6)	20.3 (15.9, 24.7)
Syrian Arab Republic	6.6 (4.7, 8.5)	8.5 (6.9, 10.2)	4.6 (3.1, 6.1)	6.7 (4.6, 8.7)	6.5 (4.2, 8.9)
Tunisia	4.7 (3.5, 5.9)	5.7 (4, 7.4)	3.7 (2.5, 4.9)	4.4 (2.7, 6)	5.0 (3.7, 6.2)
United Arab Emirates	4.2 (3.0, 5.4)	5.4 (4.0, 6.8)	3.3 (2.1, 4.5)	4.0 (2.8, 5.2)	4.2 (2.8, 5.6)
UNRWA	4.8 (3.9, 5.7)	6.7 (5.6, 7.7)	3.0 (2.4, 3.6)	5.5 (4.2, 6.8)	4.4 (3.6, 5.2)
Yemen	21.6 (16.2, 26.9)	24.7 (19.3, 30.1)	15.5 (5.8, 25.2)	17.6 (8.3, 26.9)	24.1 (17.3, 30.9)
<b>Pooled estimates</b>	<b>8.2 (6.6, 9.7)</b>	<b>10.0 (8.2, 11.9)</b>	<b>5.4 (4.3, 6.4)</b>	<b>7.1 (5.7, 8.5)</b>	<b>8.1 (6.5, 9.8)</b>
<b>I<sup>2</sup> (%)</b>	<b>93.9</b>	<b>92.0</b>	<b>91.4</b>	<b>84.9</b>	<b>93.7</b>
<b>Southeast Asia Region</b>					
Bangladesh	5.0 (2.1, 7.9)	6.2 (1.4, 11.0)	3.0 (0.9, 5.0)	4.7 (3.0, 6.4)	5.1 (1.4, 8.9)
India	12.9 (11.2, 14.6)	13.5 (11.7, 15.4)	12.0 (9.8, 14.2)	12.2 (9.9, 14.6)	13.3 (11.2, 15.4)
Indonesia	3.9 (3.2, 4.7)	5.7 (4.6, 6.7)	2.2 (1.6, 2.8)	3.9 (3.2, 4.6)	3.9 (3.0, 4.8)
Thailand	14.2 (11.8, 16.7)	16.2 (12.8, 19.6)	12.4 (10.0, 14.7)	13.1 (10.5, 15.8)	15.1 (12.5, 17.7)
Timor-Leste	19.1 (16.6, 21.6)	22.3 (18.0, 26.6)	15.6 (12.7, 18.4)	21.2 (16.2, 26.2)	18.4 (15.8, 21.0)
<b>Pooled estimates</b>	<b>11.0 (4.9, 17.1)</b>	<b>12.7 (6.9, 18.5)</b>	<b>9.0 (3.4, 14.5)</b>	<b>10.6 (6.0, 15.2)</b>	<b>11.2 (4.7, 17.6)</b>
<b>I<sup>2</sup> (%)</b>	<b>98.3</b>	<b>96.5</b>	<b>98.0</b>	<b>96.7</b>	<b>97.9</b>
<b>Western Pacific Region</b>					

Brunei Darussalam	9.7 (8.0, 11.4)	11.7 (8.6, 14.7)	7.9 (6.1, 9.6)	10.1 (7.2, 13.0)	9.6 (7.6, 11.5)
Cambodia	2.9 (2.1, 3.6)	3.4 (1.9, 4.9)	2.3 (0.8, 3.8)	2.6 (0.8, 4.5)	3.0 (2.2, 3.7)
China	3.0 (2.4, 3.5)	3.7 (3.0, 4.4)	2.2 (1.7, 2.8)	3.0 (2.4, 3.6)	3.0 (2.3, 3.7)
Cook	7.9 (4.7, 11.0)	10.3 (6.0, 14.6)	5.7 (1.6, 9.8)	7.1 (0.0, 14.4)	8.1 (4.5, 11.7)
Kiribati	15.3 (12.8, 17.8)	18.0 (14.5, 21.5)	13.0 (9.8, 16.3)	14.0 (10.2, 17.9)	15.9 (13.4, 18.3)
Laos	8.5 (6.3, 10.7)	8.2 (5.6, 10.9)	8.6 (5.8, 11.5)	9.6 (3.1, 16.0)	8.4 (6.3, 10.4)
Malaysia	13.6 (12.6, 14.6)	16.1 (14.8, 17.4)	11.2 (10.1, 12.3)	13.7 (12.4, 15.1)	13.7 (12.4, 15.1)
Mongolia	3.0 (2.3, 3.8)	3.6 (2.6, 4.5)	2.5 (1.7, 3.3)	3.0 (1.8, 4.1)	3.1 (2.1, 4.0)
Nauru	8.1 (5.1, 11.1)	12.6 (7.2, 18.0)	3.3 (0.9, 5.8)	6.9 (2.7, 11.1)	9.2 (5.0, 13.4)
Philippines	7.9 (4.8, 11.0)	8.4 (5.6, 11.1)	7.5 (3.4, 11.5)	6.8 (2.7, 10.9)	8.5 (4.6, 12.4)
Samoa	19.3 (16.8, 21.8)	22.1 (17.6, 26.5)	16.2 (12.8, 19.6)	22.0 (17.5, 26.6)	18.4 (16.1, 20.7)
Solomon	10.1 (6.0, 14.3)	11.4 (6.3, 16.5)	8.8 (4.1, 13.5)	8.8 (4.6, 12.9)	10.6 (6.2, 15.1)
Tokelau	5.4 (0.8, 10.0)	5.5 (0.0, 11.9)	5.7 (0.0, 12.8)	4.3 (0.0, 9.9)	6.7 (0.0, 14.6)
Tonga	17.6 (15.6, 19.6)	16.3 (13.7, 18.8)	18.9 (15.9, 21.8)	21.1 (17.3, 24.9)	16.2 (13.7, 18.7)
Tuvalu	17.9 (14.9, 20.9)	25.2 (20.3, 30.0)	10.7 (7.3, 14.1)	17.2 (13.3, 21.0)	18.9 (14.2, 23.6)
Vanuatu	14.6 (10.2, 18.9)	17.5 (13.1, 21.9)	12.1 (7.1, 17.1)	13.6 (7.1, 20.2)	15.6 (10.4, 20.8)
Vietnam	2.2 (1.5, 2.9)	2.8 (1.6, 4.0)	1.6 (0.8, 2.5)	6.4 (0.0, 19.7)	2.1 (1.4, 2.8)
Wallis and Futuna	8.2 (6.2, 10.2)	9.1 (5.5, 12.7)	7.2 (4.0, 10.3)	8.7 (6.1, 11.3)	7.8 (5.1, 10.5)
<b>Pooled estimates</b>	<b>9.7 (7.3, 12.0)</b>	<b>11.2 (8.5, 14.0)</b>	<b>7.9 (5.8, 10.0)</b>	<b>9.9 (7.1, 12.7)</b>	<b>9.8 (7.4, 12.1)</b>
<b>I<sup>2</sup> (%)</b>	<b>98.2</b>	<b>97.2</b>	<b>96.6</b>	<b>96.1</b>	<b>97.5</b>
<b>Total</b>					
<b>Pooled estimates</b>	<b>9.0 (6.2, 11.8)</b>	<b>10.0 (7.2, 12.8)</b>	<b>7.5 (5.2, 9.8)</b>	<b>8.5 (6.1, 10.8)</b>	<b>9.1 (6.3, 12.0)</b>
<b>I<sup>2</sup> (%)</b>	<b>89.7</b>	<b>84.5</b>	<b>86.7</b>	<b>83.1</b>	<b>89.0</b>

**Table S5 Prevalence of daily tooth brushing among young adolescents**

	Total, % (95%CI)			Boys, % (95%CI)			Girls, % (95%CI)			12–13 years, % (95%CI)			14–15 years, % (95%CI)		
	0	1–3 times	>3 times	0	1–3 times	>3 times	0	1–3 times	>3 times	0	1–3 times	>3 times	0	1–3 times	>3 times
<b>Africa Region</b>															
Algeria	19.7 (17.1, 22.3)	67.1 (64.5, 69.8)	13.2 (11.2, 15.1)	23.4 (20.3, 26.5)	63.4 (59.9, 66.8)	13.2 (10.3, 16.2)	16.7 (13.8, 19.5)	70.5 (67.5, 73.5)	12.8 (11.1, 14.6)	18.4 (15.2, 21.6)	68.0 (64.6, 71.4)	13.6 (10.7, 16.5)	20.8 (17.7, 23.9)	66.4 (63.6, 69.3)	12.8 (11.1, 14.5)
Botswana	5.0 (3.4, 6.6)	83.8 (80.7, 87.0)	11.2 (8.6, 13.8)	7.2 (5.2, 9.2)	81.2 (77.2, 85.2)	11.6 (7.8, 15.3)	2.9 (1.0, 4.8)	86.2 (82.3, 90.2)	10.8 (7.7, 14.0)	2.7 (0.1, 5.3)	83.9 (76.1, 91.8)	13.3 (6.6, 20.1)	5.4 (3.6, 7.2)	83.8 (80.9, 86.7)	10.8 (8.3, 13.4)
Ghana	13.3 (11.3, 15.4)	62.7 (59.6, 65.9)	24.0 (21.8, 26.1)	13.3 (11.0, 15.7)	62.7 (59.3, 66.1)	24.0 (21.6, 26.4)	12.9 (10.6, 15.1)	63.1 (59.1, 67.1)	24.0 (21.1, 26.9)	12.4 (9.5, 15.3)	59.8 (55.2, 64.4)	27.8 (23.8, 31.8)	13.8 (11.6, 15.9)	64.2 (61.1, 67.4)	22.0 (20.2, 23.8)
Kenya	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mozambique	5.7 (3, 8.4)	74.6 (65.9, 83.4)	19.7 (12.5, 26.9)	6.2 (2.0, 10.5)	74.7 (65.8, 83.6)	19.1 (11.5, 26.7)	5.5 (2.1, 8.9)	73.8 (63.5, 84.2)	20.7 (11.8, 29.5)	8.1 (3.1, 13.1)	64.0 (50.0, 78.0)	27.9 (15.8, 40.0)	4.8 (2.4, 7.2)	78.5 (72.1, 85.0)	16.7 (11.7, 21.7)
Namibia	12.7 (9.9, 15.6)	67.2 (62.9, 71.6)	20.0 (16.4, 23.7)	13.4 (10.2, 16.6)	67.7 (63.1, 72.2)	18.9 (15.0, 22.9)	12.0 (9.0, 14.9)	67.3 (62.5, 72.1)	20.7 (16.6, 24.8)	14.3 (9.1, 19.6)	63.6 (57.0, 70.3)	22.0 (16.7, 27.3)	12.1 (9.7, 14.5)	68.7 (63.9, 73.4)	19.2 (15.5, 23.0)
Senegal	14.6 (11.0, 18.2)	75.4 (70.8, 80.0)	10.1 (7.4, 12.7)	13.6 (9.8, 17.4)	76.8 (71.9, 81.7)	9.6 (7.2, 12.0)	15.5 (11.1, 19.9)	74.1 (69.4, 78.7)	10.4 (7.1, 13.8)	14.4 (9.8, 18.9)	73.9 (68.4, 79.4)	11.7 (6.8, 16.6)	14.7 (10.8, 18.6)	76.2 (71.5, 81.0)	9.1 (7.4, 10.7)
Swaziland	4.9 (3.1, 6.7)	90.0 (88.0, 92.0)	5.1 (3.8, 6.3)	7.3 (4.3, 10.2)	88.7 (85.2, 92.2)	4.1 (2.8, 5.4)	3.4 (1.6, 5.2)	90.9 (88.7, 93.2)	5.6 (3.7, 7.5)	5.4 (2.7, 8.0)	88.3 (85.0, 91.5)	6.4 (4.8, 8.0)	4.8 (3.0, 6.5)	90.6 (88.7, 92.4)	4.7 (3.0, 6.3)
Tanzania	15.2 (12.2, 18.3)	57.6 (52.2, 63.0)	27.2 (22.8, 31.6)	16.4 (12.5, 20.2)	60.0 (53.7, 66.3)	23.6 (18.8, 28.4)	13.8 (10.9, 16.8)	55.7 (50.5, 61.0)	30.4 (26.1, 34.8)	18.1 (14.3, 22.0)	50.7 (43.6, 57.7)	31.2 (25.1, 37.2)	12.8 (10.2, 15.4)	63.3 (57.6, 69.0)	23.9 (19.3, 28.4)
Uganda	1.6 (1.0, 2.2)	83.4 (81.5, 85.3)	15.0 (12.9, 17.1)	1.9 (0.9, 2.8)	86.9 (84.8, 89.1)	11.2 (8.7, 13.7)	1.4 (0.6, 2.3)	80.1 (77.4, 82.7)	18.5 (15.7, 21.3)	1.4 (0.4, 2.4)	84.0 (80.1, 87.9)	14.6 (10.9, 18.3)	1.7 (1.1, 2.2)	83.3 (81.1, 85.5)	15.1 (12.7, 17.4)
Zambia	9.2 (6.0, 12.5)	70.6 (66.1, 75.2)	20.2 (17.3, 23.1)	8.9 (4.5, 13.3)	71.8 (66.0, 77.5)	19.3 (14.9, 23.8)	9.5 (5.4, 13.7)	70.1 (64.7, 75.5)	20.4 (16.5, 24.3)	12.0 (7.9, 16.2)	68.5 (62.3, 74.8)	19.5 (15.4, 23.5)	7.7 (4.7, 10.8)	71.7 (67.4, 76.1)	20.5 (17.2, 23.9)
Zimbabwe	4.6 (3.6, 5.7)	90.4 (88.6, 92.2)	5.0 (4.0, 6.0)	6.0 (4.4, 7.6)	89.4 (87.3, 91.6)	4.6 (3.6, 5.6)	3.4 (2.4, 4.3)	91.3 (89.3, 93.3)	5.3 (3.8, 6.8)	5.2 (2.7, 7.6)	90.0 (86.8, 93.3)	4.8 (2.9, 6.6)	4.5 (3.6, 5.5)	90.5 (88.7, 92.2)	5.0 (4, 6)
<b>Pooled estimates</b>	<b>9.6 (6.3,</b>	<b>74.9</b>	<b>15.3</b>	<b>10.6 (6.8,</b>	<b>75 (68.0,</b>	<b>14.2 (9.9,</b>	<b>8.6 (5.6,</b>	<b>75.0</b>	<b>16.1 (11.5,</b>	<b>10.1 (6.1,</b>	<b>72.5</b>	<b>17.0</b>	<b>9.2 (6.2,</b>	<b>76.2</b>	<b>14.4</b>

	<b>12.8)</b>	<b>(68.2,</b>	<b>(10.9,</b>	<b>14.5)</b>	<b>81.9)</b>	<b>18.6)</b>	<b>11.6)</b>	<b>(67.9,</b>	<b>20.7)</b>	<b>14.1)</b>	<b>(64.8,</b>	<b>(12.0,</b>	<b>12.2)</b>	<b>(69.8,</b>	<b>(10.3,</b>
<b>I<sup>2</sup> (%)</b>	<b>97.6</b>	<b>81.6)</b>	<b>19.8)</b>					<b>82.0)</b>			<b>80.3)</b>	<b>22.0)</b>		<b>82.6)</b>	<b>18.5)</b>
<b>European Region</b>		<b>98.2</b>	<b>98.0</b>	<b>96.6</b>	<b>97.5</b>	<b>97.3</b>	<b>96.4</b>	<b>97.8</b>	<b>96.8</b>	<b>95.7</b>	<b>96.5</b>	<b>95.7</b>	<b>97.4</b>	<b>98.1</b>	<b>97.7</b>
Macedonia	3.0 (1.8, 4.2)	90.9 (89.4, 92.3)	6.1 (4.2, 8.0)	4.2 (2.3, 6.2)	90.0 (87.5, 92.6)	5.7 (3.5, 7.9)	1.6 (0.5, 2.8)	92.1 (90.1, 94.1)	6.2 (3.9, 8.5)	3.7 (1.5, 6.0)	90.1 (88.5, 91.7)	6.2 (4.1, 8.3)	2.6 (1.4, 3.7)	91.3 (89.2, 93.4)	6.1 (3.6, 8.6)
<b>Pooled estimates</b>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>America Region</b>															
Argentina	7.3 (6.7, 8.0)	79.7 (78.3, 81.1)	12.9 (11.6, 14.3)	10.3 (8.9, 11.7)	80.6 (78.8, 82.4)	9.1 (7.9, 10.2)	4.6 (3.9, 5.2)	79.0 (77.0, 81.0)	16.4 (14.4, 18.4)	7.3 (5.9, 8.7)	79.9 (78.0, 81.8)	12.8 (10.8, 14.8)	7.4 (6.5, 8.2)	79.7 (78.0, 81.4)	13.0 (11.6, 14.4)
Bahamas	5.9 (4.4, 7.3)	84.3 (80.7, 87.8)	9.9 (7.3, 12.4)	8.1 (6.2, 10.0)	82.8 (78.3, 87.3)	9.1 (5.7, 12.5)	3.9 (2.3, 5.5)	85.5 (81.8, 89.1)	10.6 (7.8, 13.5)	6.1 (4.5, 7.8)	83.2 (78.6, 87.7)	10.7 (7.0, 14.4)	5.6 (3.6, 7.6)	85.5 (81.0, 89.9)	9.0 (5.8, 12.1)
Barbados	3.6 (2.7, 4.6)	89.7 (88.0, 91.3)	6.7 (5.0, 8.4)	4.4 (2.9, 5.9)	88.5 (85.8, 91.1)	7.1 (4.7, 9.6)	2.8 (1.5, 4.1)	90.9 (88.2, 93.6)	6.3 (3.7, 8.9)	3.4 (1.2, 5.5)	87.1 (83.6, 90.6)	9.5 (4.9, 14.1)	3.7 (2.5, 4.9)	90.5 (88.5, 92.5)	5.8 (4.0, 7.7)
Belize	2.0 (1.2, 2.8)	84.3 (81.0, 87.7)	13.6 (10.6, 16.7)	2.5 (1.3, 3.7)	85.5 (81.3, 89.7)	12.0 (8.2, 15.8)	1.6 (0.5, 2.6)	83.2 (79.2, 87.2)	15.2 (11.8, 18.6)	1.9 (0.5, 3.2)	81.3 (75.7, 86.9)	16.9 (11.8, 21.9)	2.2 (1.5, 2.9)	87.1 (83.9, 90.2)	10.7 (7.8, 13.7)
Bolivia	7.9 (6.6, 9.2)	84.7 (83.3, 86.1)	7.4 (6.0, 8.8)	9.7 (7.8, 11.7)	83.4 (81.2, 85.6)	6.9 (5.3, 8.4)	6.1 (4.7, 7.6)	86.3 (84.3, 88.3)	7.6 (5.8, 9.4)	9.2 (7.4, 10.9)	82.7 (80.7, 84.7)	8.1 (6.7, 9.5)	7.5 (6.1, 8.9)	85.4 (83.5, 87.3)	7.1 (5.3, 9.0)
Cayman	4.6 (3.4, 5.9)	89.6 (87.8, 91.4)	5.8 (4.4, 7.1)	5.9 (3.9, 7.9)	88.5 (85.9, 91.2)	5.5 (3.7, 7.4)	3.3 (1.8, 4.7)	90.7 (88.3, 93.0)	6.1 (4.2, 8.0)	5.4 (3.4, 7.4)	87.5 (84.7, 90.4)	7.0 (4.9, 9.2)	4.0 (2.4, 5.7)	91.0 (88.7, 93.3)	4.9 (3.2, 6.6)
Costa Rica	1.8 (1.2, 2.3)	81.4 (79.4, 83.4)	16.8 (15.1, 18.5)	2.4 (1.3, 3.5)	83.9 (81.1, 86.7)	13.7 (11.6, 15.8)	1.2 (0.4, 1.9)	78.9 (76.5, 81.3)	19.9 (17.9, 22.0)	1.6 (0.4, 2.8)	81.0 (78.3, 83.7)	17.4 (15.1, 19.7)	1.9 (1.2, 2.5)	81.7 (79.0, 84.3)	16.5 (14.3, 18.7)
Curaçao	3.8 (2.9, 4.6)	91.0 (89.5, 92.5)	5.2 (3.9, 6.5)	4.5 (2.8, 6.3)	90.7 (88.3, 93.1)	4.7 (3.3, 6.2)	2.8 (1.8, 3.8)	91.5 (89.4, 93.6)	5.7 (3.7, 7.7)	3.8 (2.2, 5.4)	92 (89.1, 94.9)	4.2 (2.2, 6.2)	3.8 (2.7, 4.9)	90.6 (88.8, 92.4)	5.6 (4.0, 7.3)
Ecuador	12.8 (11.0, 14.7)	87.1 (85.3, 88.9)	0.1 (0.0, 0.1)	14.9 (12.7, 17.1)	85.0 (82.9, 87.2)	0.1 (0.0, 0.2)	10.1 (8.5, 11.8)	89.7 (88.1, 91.4)	0.1 (0.0, 0.3)	13.5 (11.5, 15.5)	86.4 (84.4, 88.3)	0.2 (0.0, 0.3)	12.0 (9.9, 14.2)	88.0 (85.8, 90.1)	–
El Salvador	2.7 (1.8, 3.7)	85.5 (84.0, 86.9)	11.8 (10.2, 13.4)	2.9 (1.8, 3.9)	87.7 (85.4, 90.1)	9.4 (7.1, 11.6)	1.9 (0.9, 2.9)	83.8 (81.5, 86.2)	14.2 (11.6, 16.8)	3.4 (1.7, 5.2)	86.3 (84.4, 88.3)	10.2 (7.5, 13.0)	2.4 (1.4, 3.5)	85.1 (83.1, 87.1)	12.5 (10.4, 14.5)

Grenada	3.9 (2.4, 5.3)	86.5 (83.5, 89.4)	9.6 (7.1, 12.2)	5.7 (3.2, 8.3)	84.0 (79.6, 88.4)	10.3 (6.4, 14.1)	2.4 (1.0, 3.7)	88.4 (85.3, 91.6)	9.2 (6.1, 12.3)	2.8 (1.4, 4.1)	88.1 (85.1, 91.0)	9.2 (6.3, 12.1)	4.7 (2.7, 6.7)	85.4 (81.0, 89.8)	10 (6.6, 13.3)
Guatemala	5.8 (3.5, 8.0)	75.7 (73.3, 78.1)	18.5 (14.8, 22.2)	6.8 (2.9, 10.7)	77.8 (74.7, 81.0)	15.4 (12.2, 18.6)	4.8 (3.2, 6.5)	73.2 (69.4, 77.1)	22.0 (17.7, 26.2)	4.2 (3.1, 5.3)	79.2 (75.7, 82.7)	16.6 (13.3, 19.9)	6.6 (3.5, 9.7)	73.9 (69.9, 77.9)	19.5 (13.8, 25.3)
Guyana	4.2 (3.0, 5.5)	88.1 (85.7, 90.6)	7.6 (5.8, 9.4)	5.2 (3.3, 7.0)	86.7 (83.7, 89.8)	8.1 (6.1, 10.1)	3.3 (2.2, 4.5)	89.9 (87.7, 92.2)	6.7 (4.6, 8.9)	3.2 (1.6, 4.9)	90.3 (87.5, 93.0)	6.5 (4.6, 8.4)	4.7 (3.3, 6.0)	87.3 (84.5, 90.1)	8.0 (5.8, 10.3)
Honduras	4.1 (3.0, 5.3)	80.2 (77.9, 82.5)	15.7 (13.4, 17.9)	4.7 (3.1, 6.4)	82.9 (80.2, 85.7)	12.4 (10.0, 14.7)	3.4 (2.0, 4.8)	78.1 (74.2, 81.9)	18.5 (14.9, 22.1)	5.3 (3.9, 6.7)	78.6 (74.7, 82.6)	16.1 (12.5, 19.6)	3.1 (1.9, 4.3)	81.6 (79.1, 84.2)	15.3 (12.7, 17.9)
Peru	4.3 (3.3, 5.3)	86.4 (84.7, 88.1)	9.3 (7.8, 10.9)	4.7 (3.0, 6.5)	86.9 (84.5, 89.4)	8.3 (6.0, 10.7)	3.8 (2.5, 5.1)	86.0 (83.3, 88.7)	10.2 (7.9, 12.5)	3.1 (1.6, 4.5)	87.6 (84.4, 90.8)	9.3 (6.2, 12.5)	4.7 (3.5, 5.8)	86.0 (83.9, 88.0)	9.4 (7.7, 11.0)
Saint Kitts and Nevis	3.9 (2.8, 5.0)	86.7 (84.9, 88.5)	9.4 (7.9, 11.0)	5.0 (3.2, 6.7)	85.1 (82.2, 88.0)	9.9 (7.5, 12.3)	2.9 (1.7, 4.1)	88.3 (86.0, 90.5)	8.9 (6.9, 10.8)	3.4 (1.4, 5.5)	85.6 (81.9, 89.2)	11.0 (7.8, 14.2)	4.0 (2.8, 5.3)	87.0 (84.9, 89.1)	9.0 (7.2, 10.7)
Saint Lucia	3.2 (2.2, 4.2)	90.5 (88.5, 92.5)	6.3 (4.2, 8.4)	4.7 (2.9, 6.6)	88.8 (86.0, 91.5)	6.5 (4.3, 8.8)	2.1 (1.1, 3.0)	91.8 (88.7, 94.9)	6.1 (3.2, 9.1)	2.4 (1.2, 3.5)	89.0 (87.0, 91.0)	8.7 (6.6, 10.8)	3.8 (2.4, 5.2)	91.6 (89.6, 93.5)	4.6 (3.0, 6.2)
Saint Vincent and Grenadines	4.1 (2.7, 5.6)	81.9 (78.5, 85.4)	13.9 (11.1, 16.8)	5.1 (2.7, 7.5)	83.0 (79.2, 86.8)	11.9 (9.0, 14.9)	3.2 (1.8, 4.5)	81.2 (77.5, 84.8)	15.6 (11.7, 19.5)	3.9 (2.7, 5.2)	82.9 (78.1, 87.7)	13.2 (8.9, 17.4)	4.4 (2.5, 6.3)	80.9 (77.4, 84.4)	14.7 (11.6, 17.9)
Trinidad and Tobago	3.9 (2.5, 5.2)	92.1 (90.2, 94.0)	4.0 (2.8, 5.2)	3.9 (2.6, 5.3)	92.1 (89.9, 94.3)	4.0 (2.3, 5.6)	3.7 (2.0, 5.4)	92.2 (89.7, 94.6)	4.1 (2.2, 6.0)	2.9 (1.7, 4.1)	92.3 (90.1, 94.5)	4.8 (3.3, 6.3)	4.7 (3.1, 6.3)	91.9 (89.7, 94.2)	3.4 (1.8, 5.0)
Uruguay	2.6 (1.9, 3.2)	77.2 (75.4, 79.0)	20.3 (18.5, 22.0)	3.7 (2.4, 5.0)	80.5 (78.0, 83.0)	15.8 (13.7, 18.0)	1.6 (0.8, 2.3)	74.4 (71.9, 76.8)	24.1 (21.5, 26.7)	2.7 (1.6, 3.8)	78.1 (74.8, 81.4)	19.2 (16.1, 22.4)	2.5 (1.8, 3.2)	76.9 (74.9, 78.8)	20.6 (18.8, 22.5)
Venezuela	2.0 (1.6, 2.5)	82.8 (80.4, 85.1)	15.2 (13.0, 17.4)	2.1 (1.4, 2.9)	83.3 (79.5, 87.0)	14.6 (11.2, 18.1)	2.0 (1.4, 2.6)	82.3 (80.3, 84.4)	15.7 (13.7, 17.6)	2.4 (1.8, 3.1)	81.3 (77.8, 84.8)	16.3 (13.3, 19.3)	1.4 (0.9, 1.9)	85.2 (82.7, 87.6)	13.5 (11.0, 16.0)
<b>Pooled estimates</b>	<b>4.4 (3.5, 5.3)</b>	<b>85.1 (83.1, 87.0)</b>	<b>10.4 (7.2, 13.6)</b>	<b>5.5 (4.3, 6.7)</b>	<b>85.2 (83.6, 86.8)</b>	<b>9.2 (6.4, 12.0)</b>	<b>3.3 (2.6, 4.0)</b>	<b>85.1 (82.7, 87.5)</b>	<b>11.5 (7.8, 15.2)</b>	<b>4.3 (3.3, 5.3)</b>	<b>85.4 (81.6, 89.2)</b>	<b>10.8 (7.6, 13.9)</b>	<b>4.4 (3.5, 5.3)</b>	<b>85.7 (81.4, 89.9)</b>	<b>10.5 (8.3, 12.7)</b>
<b>I<sup>2</sup> (%)</b>	<b>95.0</b>	<b>95.4</b>	<b>99.3</b>	<b>92.7</b>	<b>86.9</b>	<b>98.6</b>	<b>89.0</b>	<b>94.7</b>	<b>99.0</b>	<b>90.9</b>	<b>91.1</b>	<b>98.5</b>	<b>93.5</b>	<b>96.0</b>	<b>95.5</b>
<b>Eastern Mediterranean Region</b>															

Afghanistan		25.5 (19.5, 31.6)	62.0 (58.3, 65.7)	12.5 (8.2, 16.7)	31.5 (23.6, 39.5)	59.7 (54.0, 65.5)	8.7 (2.8, 14.7)	18.0 (12.8, 23.2)	64.8 (62.1, 67.6)	17.1 (12.0, 22.3)	23.0 (15.4, 30.7)	65.0 (57.6, 72.5)	11.9 (6.8, 17.0)	26.5 (19.7, 33.2)	60.9 (55.3, 66.5)	12.7 (7.8, 17.5)
Djibouti		10.6 (7.9, 13.2)	56.8 (53.4, 60.2)	32.6 (29.5, 35.7)	11.0 (7.5, 14.6)	56.8 (52.5, 61.1)	32.2 (28.2, 36.1)	9.9 (5.6, 14.2)	56.7 (50.3, 63.2)	33.4 (27.9, 38.8)	12.6 (6.4, 18.8)	63.6 (50.6, 76.5)	23.9 (15.7, 32.0)	10.2 (7.7, 12.7)	55.5 (51.4, 59.6)	34.3 (30.4, 38.3)
Egypt		37.8 (32.9, 42.8)	53.2 (47.9, 58.6)	8.9 (6.4, 11.5)	40.3 (33.6, 47.0)	49.9 (43.4, 56.4)	9.8 (7.0, 12.7)	35.7 (28.9, 42.4)	56.3 (49.6, 63.0)	8.0 (5.1, 11.0)	38.8 (33.1, 44.5)	52.6 (46.9, 58.4)	8.6 (5.7, 11.4)	36.8 (27.9, 45.7)	53.9 (45.3, 62.4)	9.3 (4.4, 14.3)
Iraq		21.5 (18.4, 24.5)	67.8 (63.9, 71.7)	10.8 (8.5, 13.0)	26.2 (22.4, 30.0)	63.0 (57.7, 68.3)	10.8 (7.5, 14.1)	15.8 (13.2, 18.5)	73.4 (69.7, 77.1)	10.7 (8.0, 13.5)	20.0 (16.1, 24.0)	65.9 (60.5, 71.3)	14.1 (10.2, 18.0)	22.3 (18.8, 25.8)	68.9 (64.0, 73.7)	8.8 (6.7, 11.0)
Jordan		23.5 (19.7, 27.3)	69.4 (65.8, 72.9)	7.1 (5.9, 8.4)	28.8 (25.9, 31.6)	64.9 (61.7, 68.2)	6.3 (4.8, 7.8)	18.5 (14.4, 22.6)	73.5 (68.9, 78.2)	7.9 (6.4, 9.5)	18.5 (11.9, 25.0)	76.7 (69.9, 83.5)	4.8 (1.6, 8.0)	24.2 (20.3, 28.0)	68.4 (64.7, 72.1)	7.5 (6.1, 8.8)
Kuwait		14.9 (10.2, 19.6)	79.2 (74.1, 84.3)	5.9 (4.3, 7.5)	20.0 (14.9, 25.0)	74.7 (68.8, 80.7)	5.3 (3.4, 7.3)	9.5 (7.8, 11.1)	83.9 (80.8, 87.1)	6.6 (4.3, 8.9)	14.6 (7.8, 21.3)	80.3 (73.0, 87.7)	5.1 (3.2, 7.0)	15 (10.3, 19.7)	78.8 (73.4, 84.1)	6.2 (4.2, 8.2)
Lebanon		9.5 (7.8, 11.2)	83.5 (80.1, 86.9)	7.0 (4.4, 9.6)	12.3 (9.2, 15.4)	80.5 (77.8, 83.3)	7.1 (4.0, 10.3)	7.0 (3.7, 10.3)	86.1 (80.7, 91.5)	6.9 (4.5, 9.3)	8.5 (6.3, 10.7)	85.0 (81.6, 88.4)	6.5 (3.7, 9.3)	10.3 (8.1, 12.5)	82.4 (78.2, 86.6)	7.4 (4.6, 10.1)
Libya		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Morocco		31.6 (26.6, 36.5)	54.8 (50.6, 59.1)	13.6 (11.4, 15.8)	35.6 (30.2, 41.0)	52.0 (46.7, 57.3)	12.4 (9.8, 15.1)	26.8 (22.2, 31.4)	58.3 (54.6, 62.1)	14.9 (11.8, 18.0)	30.0 (24.9, 35.1)	55.0 (49.9, 60.1)	15.0 (11.4, 18.6)	32.7 (27.5, 38.0)	54.7 (49.8, 59.6)	12.6 (10.0, 15.1)
Oman		15.4 (11.1, 19.6)	77.1 (72.7, 81.5)	7.5 (6.3, 8.8)	22.6 (18.1, 27.0)	70.9 (66.2, 75.5)	6.6 (5.4, 7.8)	8.7 (5.4, 11.9)	82.8 (79.1, 86.4)	8.6 (6.8, 10.4)	12.0 (6.7, 17.3)	78.5 (72.4, 84.5)	9.5 (6.7, 12.4)	16.4 (11.9, 20.8)	76.7 (71.9, 81.5)	6.9 (5.7, 8.2)
Pakistan		16.2 (12.4, 20.1)	80.0 (76.4, 83.6)	3.7 (2.0, 5.5)	22.3 (17.6, 27.0)	73.7 (69.3, 78.0)	4.1 (2.0, 6.1)	7.0 (5.0, 9.1)	89.7 (88.0, 91.3)	3.3 (2.9, 3.7)	13.6 (8.7, 18.5)	82.5 (77.0, 88.1)	3.9 (0.9, 6.8)	17.0 (12.9, 21.2)	79.2 (75.5, 83.0)	3.7 (2.2, 5.3)
Qatar		19.2 (15.2, 23.3)	61.6 (58.1, 65.1)	19.2 (16.4, 22.0)	26.0 (19.3, 32.6)	59.6 (54.2, 64.9)	14.5 (11.4, 17.6)	12.9 (7.5, 18.3)	63.4 (58.4, 68.5)	23.6 (18.9, 28.4)	15.6 (12.8, 18.4)	61.8 (58.3, 65.4)	22.5 (18.6, 26.5)	23.2 (15.8, 30.6)	61.3 (54.9, 67.7)	15.5 (11.8, 19.3)
Sudan		10.2 (7.1, 13.4)	77.2 (73.4, 81.0)	12.6 (9.8, 15.4)	13.2 (8.7, 17.7)	76.6 (71.9, 81.4)	10.2 (7.4, 12.9)	6.9 (4.2, 9.6)	78.0 (71.0, 85.0)	15.1 (9.1, 21.2)	6.8 (0.9, 12.7)	79.6 (70.5, 88.7)	13.6 (8.1, 19.1)	11.2 (7.8, 14.7)	76.5 (73.1, 79.9)	12.3 (9.5, 15.0)
Syrian Republic	Arab	33.5 (30.5, 36.6)	61.7 (58.5, 64.9)	4.8 (3.8, 5.7)	38.2 (35.5, 40.9)	57.7 (54.5, 61.0)	4.1 (3.0, 5.1)	28.6 (24.9, 32.4)	65.9 (62.4, 69.4)	5.5 (4.5, 6.5)	33.5 (29.8, 37.3)	61.1 (57.7, 64.6)	5.3 (3.8, 6.9)	33.5 (30.1, 36.9)	62.2 (58.4, 65.9)	4.3 (3.0, 5.6)



Tunisia		11.5 (9.7, 13.3)	80.2 (77.6, 82.8)	8.3 (6.6, 10.0)	15.4 (12.4, 18.3)	77.1 (73.7, 80.5)	7.6 (5.6, 9.5)	7.7 (5.8, 9.5)	83.1 (79.9, 86.2)	9.2 (6.8, 11.7)	9.3 (6.7, 12.0)	82.7 (79.0, 86.3)	8.0 (5.4, 10.6)	13.2 (11.6, 14.8)	78.2 (75.9, 80.5)	8.6 (7.0, 10.2)
United Arab Emirates	Arab	14.6 (10.9, 18.4)	76.2 (72.1, 80.3)	9.2 (7.4, 11.0)	23.4 (20.2, 26.5)	67.7 (62.4, 73.1)	8.9 (5.8, 12.0)	8.7 (6.6, 10.8)	81.9 (78.8, 84.9)	9.4 (7.8, 11.0)	13.4 (9.4, 17.5)	76.9 (71.8, 82.1)	9.6 (7.8, 11.4)	15.2 (10.9, 19.4)	75.9 (71.3, 80.4)	9.0 (6.9, 11.0)
UNRWA		30.3 (28.2, 32.4)	61.9 (60.0, 63.9)	7.7 (6.7, 8.8)	37.8 (36.5, 39.2)	55.8 (54.2, 57.4)	6.3 (5.5, 7.2)	23.2 (21.8, 24.7)	67.8 (66.0, 69.5)	9.0 (8.2, 9.8)	29.0 (26.3, 31.6)	61.8 (59.1, 64.4)	9.2 (7.7, 10.8)	31.2 (28.9, 33.4)	62.0 (59.7, 64.3)	6.8 (5.8, 7.8)
Yemen		35.7 (26.1, 45.3)	55.4 (46.5, 64.3)	8.9 (6.4, 11.5)	39.5 (27.4, 51.6)	50.0 (39.8, 60.1)	10.5 (7.4, 13.6)	29.0 (14.0, 43.9)	64.7 (50.0, 79.3)	6.4 (1.7, 11.0)	33.5 (19.7, 47.4)	58.7 (46.7, 70.6)	7.8 (3.6, 12.0)	37.0 (28.7, 45.4)	53.3 (44.9, 61.7)	9.7 (5.4, 13.9)
<b>Pooled estimates</b>		<b>21.0 (16.5, 25.6)</b>	<b>68.2 (63.5, 73.0)</b>	<b>10.4 (8.2, 12.6)</b>	<b>25.9 (20.6, 31.2)</b>	<b>64.3 (59.3, 69.4)</b>	<b>9.4 (7.5, 11.4)</b>	<b>15.5 (11.7, 19.3)</b>	<b>72.6 (67.1, 78.1)</b>	<b>10.8 (8.7, 12.9)</b>	<b>19.3 (14.6, 24.0)</b>	<b>70.0 (64.5, 75.4)</b>	<b>9.9 (7.9, 11.9)</b>	<b>21.8 (17.4, 26.1)</b>	<b>67.8 (63.3, 72.4)</b>	<b>10.0 (8.0, 12.0)</b>
<b>I<sup>2</sup> (%)</b>		<b>97.1</b>	<b>96.6</b>	<b>96.3</b>	<b>97.4</b>	<b>96.4</b>	<b>93.8</b>	<b>96.7</b>	<b>97.8</b>	<b>96.7</b>	<b>95.5</b>	<b>95.1</b>	<b>88.2</b>	<b>96.4</b>	<b>95.3</b>	<b>94.4</b>
<b>Southeast Asia Region</b>																
Bangladesh		12.2 (10.3, 14.1)	86.9 (84.8, 88.9)	0.9 (0.3, 1.5)	14.6 (12.4, 16.8)	84.2 (81.9, 86.6)	1.2 (0.7, 1.7)	8.2 (5.7, 10.7)	91.3 (88.9, 93.8)	0.4 (0.1, 0.8)	10.6 (8.2, 12.9)	88.0 (85.4, 90.6)	1.4 (0.7, 2.1)	12.9 (10.2, 15.6)	86.4 (83.5, 89.3)	0.7 (0.0, 1.5)
India		4.4 (3.5, 5.3)	94.0 (92.9, 95.1)	1.6 (1.2, 2.0)	4.8 (3.8, 5.8)	93.7 (92.3, 95.1)	1.5 (0.9, 2.1)	3.9 (2.8, 4.9)	94.4 (93.1, 95.7)	1.7 (1.1, 2.3)	4.0 (3.1, 5.0)	93.9 (92.6, 95.2)	2.1 (1.4, 2.8)	4.6 (3.5, 5.8)	94 (92.6, 95.5)	1.3 (0.9, 1.8)
Indonesia		2.5 (1.9, 3.0)	94.2 (93.2, 95.1)	3.4 (2.7, 4.0)	3.7 (2.9, 4.4)	93.0 (91.7, 94.4)	3.3 (2.4, 4.1)	1.3 (0.8, 1.8)	95.3 (94.3, 96.2)	3.5 (2.7, 4.3)	2.5 (1.7, 3.2)	93.7 (92.5, 94.9)	3.8 (3.1, 4.6)	2.4 (1.8, 3.1)	94.7 (93.7, 95.7)	2.9 (2.3, 3.5)
Thailand		5.5 (4.3, 6.7)	90.2 (88.3, 92.0)	4.4 (3.1, 5.6)	8.6 (6.3, 11.0)	86.4 (83.8, 89.0)	5.0 (3.4, 6.5)	2.4 (1.4, 3.4)	93.8 (92.0, 95.6)	3.8 (2.6, 4.9)	5.9 (4.3, 7.5)	89.0 (86.5, 91.5)	5.1 (3.1, 7.0)	5.2 (3.6, 6.7)	91.1 (89.0, 93.1)	3.8 (2.6, 5.0)
Timor-Leste		18.4 (15.2, 21.6)	75.8 (72.6, 78.9)	5.8 (4.3, 7.4)	19.7 (16.1, 23.4)	75.9 (72, 79.8)	4.4 (2.8, 6.0)	15.8 (12.9, 18.7)	77.0 (73.3, 80.6)	7.3 (5.3, 9.2)	22.5 (19.4, 25.7)	70.0 (66.6, 73.4)	7.5 (5.1, 9.8)	17.0 (13.0, 21.0)	77.7 (73.5, 81.9)	5.3 (3.9, 6.7)
<b>Pooled estimates</b>		<b>8.3 (4.9, 11.7)</b>	<b>88.4 (84.1, 92.8)</b>	<b>3.1 (1.7, 4.4)</b>	<b>10.0 (5.9, 14)</b>	<b>86.9 (81.9, 91.8)</b>	<b>2.9 (1.7, 4.2)</b>	<b>5.9 (3.1, 8.8)</b>	<b>90.8 (87.1, 94.4)</b>	<b>3.2 (1.4, 4.9)</b>	<b>8.8 (4.8, 12.9)</b>	<b>7.1 (81.3, 92.9)</b>	<b>3.6 (2.1, 5.1)</b>	<b>7.9 (4.6, 11.3)</b>	<b>89.2 (85.4, 93.1)</b>	<b>2.7 (1.4, 4.0)</b>
<b>I<sup>2</sup> (%)</b>		<b>97.8</b>	<b>97.5</b>	<b>94.4</b>	<b>97.4</b>	<b>96.8</b>	<b>91.0</b>	<b>96.9</b>	<b>95.8</b>	<b>96.4</b>	<b>97.8</b>	<b>97.9</b>	<b>91.3</b>	<b>96.3</b>	<b>95.4</b>	<b>93.3</b>
<b>Western Pacific Region</b>																
Brunei		2.2 (1.5, 3.0)	87.7	10.1 (8.6, 11.6)	2.7 (1.7, 3.7)	88.0	9.3 (7.0, 11.6)	1.6 (0.9, 2.3)	87.6	10.7 (8.7, 12.7)	2.3 (1.2, 3.4)	86.0	11.7 (8.4, 15.0)	2.1 (1.3, 2.9)	88.5	9.4 (7.6, 11.2)

Darussalam	2.8	(86.1, 89.4)	11.6	3.7	(85.3, 90.6)	11.6	2.4	(85.5, 89.7)	12.8	3.5	(82.5, 89.5)	15.0	2.9	(86.5, 90.5)	11.1
Cambodia	4.7 (3.4, 6.1)	93.9 (92.5, 95.3)	1.4 (0.8, 2.0)	5.3 (3.8, 6.8)	93.8 (92.1, 95.4)	0.9 (0.0, 1.9)	4.1 (1.9, 6.2)	94.1 (92.0, 96.3)	1.8 (1.0, 2.6)	6.1 (3.8, 8.5)	92.9 (90.9, 95.0)	0.9 (0.0, 1.8)	4.2 (2.6, 5.8)	94.2 (92.4, 96.1)	1.6 (0.8, 2.3)
China	2.7 (2.1, 3.3)	94.0 (93.3, 94.7)	3.3 (2.7, 3.9)	3.4 (2.5, 4.3)	93.0 (92.2, 93.9)	3.5 (2.8, 4.3)	1.8 (1.2, 2.5)	95.1 (94.0, 96.1)	3.1 (2.2, 4.0)	2.8 (1.9, 3.8)	93.0 (91.6, 94.4)	4.1 (3.0, 5.3)	2.6 (1.8, 3.3)	94.8 (94.1, 95.5)	2.6 (2.2, 3.1)
Cook	12.6 (8.4, 16.7)	77.1 (73.5, 80.7)	10.3 (8.2, 12.5)	14.9 (8.5, 21.3)	75.8 (69.5, 82.0)	9.3 (4.9, 13.7)	10.0 (5.5, 14.6)	79.0 (73.7, 84.2)	11.0 (7.1, 14.9)	5.7 (0.0, 13.0)	86.8 (79.1, 94.5)	7.5 (4.7, 10.2)	14.1 (9.0, 19.2)	74.9 (70.3, 79.6)	11.0 (8.2, 13.8)
Kiribati	19.4 (16.0, 22.8)	66.6 (61.9, 71.3)	14.0 (11.3, 16.6)	24.8 (19.5, 30.1)	59.1 (52.6, 65.7)	16.1 (12.1, 20.0)	14.9 (12.1, 17.7)	72.8 (68.5, 77.1)	12.2 (9.4, 15.1)	21.6 (17.2, 26.0)	60.8 (55.3, 66.3)	17.6 (13.3, 22.0)	18.5 (14.7, 22.4)	69.0 (63.4, 74.5)	12.5 (9.8, 15.2)
Laos	2.3 (1.1, 3.5)	94.1 (92.8, 95.4)	3.6 (2.5, 4.7)	1.8 (0.4, 3.1)	93.6 (91.4, 95.7)	4.7 (2.9, 6.4)	2.8 (1.3, 4.3)	94.5 (93.0, 96.1)	2.7 (1.4, 4.1)	2.9 (0.3, 5.6)	92.4 (87.1, 97.7)	4.7 (0.6, 8.8)	2.2 (1.0, 3.4)	94.3 (93.0, 95.6)	3.5 (2.1, 4.8)
Malaysia	2.8 (2.4, 3.3)	85.9 (84.8, 87.1)	11.2 (10.3, 12.2)	3.9 (3.3, 4.5)	85.0 (83.6, 86.4)	11.1 (10.0, 12.3)	1.8 (1.3, 2.4)	86.9 (85.3, 88.4)	11.3 (9.9, 12.7)	3.4 (2.6, 4.1)	83.0 (81.2, 84.9)	13.6 (11.9, 15.3)	2.6 (2.0, 3.1)	87.4 (86.2, 88.7)	10.0 (9.0, 11.0)
Mongolia	5.5 (4.5, 6.5)	83.8 (82.2, 85.4)	10.8 (9.3, 12.2)	7.0 (5.5, 8.5)	81.3 (79.4, 83.3)	11.7 (9.8, 13.6)	4.0 (3.0, 5.0)	86.2 (84.1, 88.3)	9.8 (8.1, 11.5)	5.9 (4.5, 7.4)	80.7 (78.2, 83.3)	13.3 (11.1, 15.6)	5.1 (4.0, 6.2)	86.2 (84.3, 88.1)	8.7 (7.1, 10.3)
Nauru	13.2 (9.4, 16.9)	52.6 (47.1, 58.0)	34.3 (29.1, 39.5)	17.7 (11.4, 24.1)	46.1 (37.7, 54.4)	36.2 (28.2, 44.3)	9.3 (5.1, 13.5)	57.6 (50.4, 64.7)	33.2 (26.3, 40.0)	12.9 (7.4, 18.4)	49.2 (40.8, 57.6)	37.9 (29.7, 46.0)	13.4 (8.3, 18.4)	55.5 (48.3, 62.6)	31.2 (24.5, 37.9)
Philippines	5.8 (3.2, 8.3)	85.9 (83.6, 88.2)	8.3 (7.1, 9.5)	6.8 (4.4, 9.2)	84.7 (82.1, 87.2)	8.5 (6.9, 10.2)	4.7 (1.7, 7.8)	87.1 (84.4, 89.9)	8.1 (6.7, 9.6)	4.8 (2.3, 7.4)	86.9 (83.8, 90.0)	8.3 (6.5, 10.1)	6.3 (2.9, 9.7)	85.4 (82.6, 88.1)	8.4 (7.0, 9.7)
Samoa	17.6 (14.1, 21.2)	57.0 (52.9, 61.1)	25.3 (22.0, 28.6)	22.1 (17.1, 27.0)	54.4 (48.8, 60.1)	23.5 (20.0, 27.0)	13.5 (9.5, 17.4)	59.5 (55.9, 63.1)	27.0 (23.3, 30.7)	21.4 (16.1, 26.7)	51.8 (46.0, 57.7)	26.7 (22.9, 30.6)	16.4 (12.1, 20.7)	58.7 (54.0, 63.5)	24.8 (21.1, 28.5)
Solomon	22.9 (18.4, 27.4)	58.0 (51.0, 64.9)	19.1 (12.8, 25.3)	26.6 (22.2, 31.0)	57.5 (51.7, 63.3)	15.9 (11.2, 20.7)	19.1 (13.8, 24.3)	57.8 (46.9, 68.7)	23.1 (12.6, 33.7)	23.0 (16.0, 29.9)	58.8 (46.3, 71.3)	18.2 (6.2, 30.2)	22.9 (18.2, 27.6)	57.7 (52.0, 63.4)	19.4 (14.1, 24.6)
Tokelau	16.5 (8.0, 25.1)	69.6 (58.9, 80.3)	13.9 (5.8, 22.0)	20.9 (7.5, 34.2)	71.8 (57.4, 86.2)	7.3 (0.0, 14.6)	11.5 (1.4, 21.5)	65.5 (48.3, 82.8)	23.0 (7.0, 38.9)	18.2 (5.4, 31.0)	72.1 (57.1, 87.2)	9.7 (0.0, 19.8)	14.5 (3.1, 25.8)	66.4 (50.7, 82.1)	19.2 (5.7, 32.6)
Tonga	9.2 (7.5, 10.9)	68.1 (64.7, 71.5)	22.7 (19.9, 25.5)	11.5 (8.6, 14.4)	65.5 (60.5, 70.5)	23.0 (18.8, 27.2)	6.8 (5.3, 8.4)	70.7 (66.5, 74.9)	22.5 (18.8, 26.2)	10.1 (7.5, 12.8)	64.1 (58.0, 70.2)	25.8 (20.4, 31.2)	8.8 (7.0, 10.7)	69.6 (66.3, 72.9)	21.6 (18.6, 24.6)

		71.4)	25.6)		70.5)	27.3)		74.9)	26.2)		70.1)	31.2)		72.8)	24.5)
		56.3	35.8		52.0	36.2		60.2	35.5		49.8	41.4		64.8	28.5
Tuvalu	7.9 (5.8, 9.9)	(52.5, 60.1)	(32.1, 39.4)	11.8 (8.4, 15.3)	(46.5, 57.5)	(30.8, 41.5)	4.2 (2.0, 6.5)	(55.0, 65.5)	(30.4, 40.7)	8.8 (6.0, 11.6)	(44.8, 54.9)	(36.4, 46.4)	6.7 (3.7, 9.7)	(59.2, 70.4)	(23.2, 33.7)
		60.4	20.4	20.6	59.6	19.8	17.5	60.9	21.6	21.7	53.8	24.5	16.4 (11.2, 21.5)	67.6	16.0 (9.2, 22.8)
Vanuatu	19.1 (15.1, 23.2)	(52.8, 68.1)	(15.3, 25.6)	(12.8, 28.5)	(50.4, 68.8)	(13.1, 26.5)	(13.5, 21.4)	(53.8, 68.0)	(13.7, 29.6)	(15.0, 28.3)	(42.5, 65.2)	(17.2, 31.8)		(59.1, 76.1)	
		95.4	1.2 (0.8, 1.5)	4.8 (3.0, 6.5)	94.4	0.8 (0.1, 1.6)	2.2 (1.3, 3.2)	96.3	1.4 (1.0, 1.9)	–	–	–	3.4 (2.4, 4.3)	95.5	1.2 (0.8, 1.5)
Vietnam	3.4 (2.4, 4.4)	(94.4, 96.5)			(92.6, 96.2)			(95.2, 97.5)						(94.4, 96.5)	
		74.0	16.7	13.0 (9.5, 16.4)	72.3	14.7	5.7 (2.8, 8.5)	76.0	18.3	10.4 (6.5, 14.4)	70.4	19.1	8.4 (5.7, 11.1)	76.4	15.2
Wallis and Futuna	9.2 (7.0, 11.5)	(70.3, 77.8)	(13.2, 20.3)		(67.1, 77.6)	(10.1, 19.3)		(70.5, 81.5)	(13.5, 23.2)		(66.3, 74.6)	(13.7, 24.6)		(71.9, 81.0)	(11.4, 19.0)
		<b>76.2</b>	<b>14.1 (11.3, 16.8)</b>	<b>10.6 (8.6, 12.6)</b>	<b>74.6</b>	<b>13.3</b>	<b>6.5 (5.0, 7.9)</b>	<b>78.1</b>	<b>14.1 (11.2, 16.9)</b>	<b>9.3 (7.2, 11.3)</b>	<b>73.1</b>	<b>16.4</b>	<b>8.0 (6.5, 9.6)</b>	<b>78.0</b>	<b>12.4</b>
<b>Pooled estimates</b>	<b>8.8 (7.2, 10.4)</b>	<b>(71.8, 80.5)</b>			<b>(69.9, 79.2)</b>	<b>(10.4, 16.3)</b>		<b>(73.6, 82.6)</b>	<b>(13.5, 23.2)</b>		<b>(67.1, 79.1)</b>	<b>(12.2, 20.6)</b>		<b>(74.1, 82.0)</b>	<b>(10.1, 14.8)</b>
<b>I<sup>2</sup> (%)</b>	<b>96.3</b>	<b>99.0</b>	<b>99.0</b>	<b>95.3</b>	<b>98.4</b>	<b>98.0</b>	<b>94.0</b>	<b>98.4</b>	<b>98.2</b>	<b>93.3</b>	<b>98.0</b>	<b>97.9</b>	<b>94.5</b>	<b>98.5</b>	<b>98.4</b>
<b>Total</b>															
		<b>80.9</b>	<b>9.7 (5.8, 13.6)</b>	<b>10.6 (6.6, 14.5)</b>	<b>79.6</b>	<b>8.9 (5.3, 12.5)</b>	<b>6.4 (3.9, 9.0)</b>	<b>82.7</b>	<b>10.1 (6.1, 14.1)</b>	<b>8.8 (5.4, 12.3)</b>	<b>80.0</b>	<b>10.2 (6.5, 14.0)</b>	<b>8.4 (5.3, 11.6)</b>	<b>81.5</b>	<b>9.2 (5.4, 13.0)</b>
<b>Pooled estimates</b>	<b>8.6 (5.5, 11.7)</b>	<b>(74.7, 87.1)</b>			<b>(73.1, 86.1)</b>			<b>(76.9, 88.5)</b>	<b>(10.1, 14.1)</b>	<b>(8.8, 12.3)</b>	<b>(72.8, 87.3)</b>	<b>(10.2, 14.0)</b>	<b>(8.4, 11.6)</b>	<b>(74.1, 88.9)</b>	<b>(9.2, 13.0)</b>
<b>I<sup>2</sup> (%)</b>	<b>94.6</b>	<b>96.1</b>	<b>94.1</b>	<b>93.8</b>	<b>95.3</b>	<b>93.5</b>	<b>93.6</b>	<b>94.0</b>	<b>93.0</b>	<b>91.9</b>	<b>94.2</b>	<b>92.7</b>	<b>95.0</b>	<b>95.6</b>	<b>94.7</b>

**Table S6 Prevalence of washing hands across different BMI levels**

	Never washing hands before eating				Never washing hands after using the toilet				Never washing hands with soap			
	Underweight	Normal	Overweight	Obese	Underweight	Normal	Overweight	Obese	Underweight	Normal	Overweight	Obese
<b>Africa Region</b>												
Algeria	7.5 (1.4, 13.5)	5.5 (4.5, 6.4)	5.7 (2.7, 8.8)	5.3 (1.2, 9.3)	3.0 (0.1, 5.9)	2.8 (1.9, 3.7)	3.6 (1.1, 6.0)	1.9 (0.0, 3.9)	3.8 (0.0, 7.8)	5.2 (4.3, 6.0)	5.3 (1.9, 8.7)	4.2 (1.1, 7.4)
Ghana	8.9 (1.3, 16.6)	8.3 (6.7, 9.9)	8.5 (4.5, 12.4)	9.9 (4.7, 15.0)	12.5 (6.3, 18.7)	11.7 (9.4, 14.0)	11.1 (6.6, 15.6)	10.4 (6.8, 14.0)	16.2 (10.2, 22.3)	12.5 (10.3, 14.7)	16.4 (12.6, 20.2)	15.4 (9.3, 21.6)
Kenya	–	6.4 (2.9, 9.9)	7.7 (6.6, 8.8)	7.9 (5.5, 10.4)	–	15.1 (11.2, 19.0)	22.3 (9.3, 35.3)	13.4 (9.3, 17.5)	18.6 (18.3, 18.9)	20.7 (15.3, 26.1)	31.7 (12.6, 50.8)	–
Namibia	1.3 (1.1, 1.6)	5.3 (3.8, 6.8)	7.0 (2.9, 11.1)	9.8 (1.4, 18.3)	8.8 (2.4, 15.1)	6.5 (4.9, 8.1)	4.4 (2.0, 6.7)	6.8 (2.9, 10.7)	10.2 (4.3, 16.1)	10.5 (7.8, 13.3)	8.8 (5.6, 11.9)	11.0 (4.3, 17.8)
Senegal	36.0 (17.2, 54.8)	17.6 (2.8, 32.4)	7.1 (0.0, 17.1)	6.4 (0.0, 17.4)	34.7 (15.8, 53.5)	14.6 (0.0, 31.5)	5.8 (0.0, 16.0)	6.4 (0.0, 17.4)	34.7 (15.8, 53.5)	19.4 (5.2, 33.7)	10.7 (0.8, 20.6)	9.6 (0.0, 20.9)
Swaziland	7.8 (3.6, 11.9)	3.2 (1.5, 4.8)	4.9 (0.6, 9.2)	3.3 (0.0, 7.0)	1.8 (0.0, 5.7)	2.9 (2.0, 3.8)	4.3 (1.1, 7.6)	–	8.7 (4.0, 13.3)	11.8 (9.5, 14.1)	12.6 (5.9, 19.4)	11.6 (3.2, 20.1)
Uganda	5.4 (2.9, 7.9)	6.3 (4.3, 8.2)	6.8 (2.9, 10.8)	8.6 (2.9, 14.2)	5.1 (2.6, 7.5)	7.8 (5.2, 10.4)	8.9 (4.0, 13.8)	8.1 (1.3, 14.9)	11.9 (3.8, 20.0)	14.3 (11.8, 16.7)	18.9 (10.9, 27.0)	14.1 (6.2, 22.1)
<b>Pooled estimates</b>	6.9 (2.8, 11.0)	5.9 (4.5, 7.3)	7.3 (6.4, 8.3)	6.8 (5.0, 8.7)	6.5 (2.8, 10.2)	7.6 (4.8, 10.4)	6.6 (3.9, 9.2)	7.8 (3.4, 12.2)	13.1 (7.0, 19.3)	12.6 (8.5, 16.7)	12.6 (8.1, 17.2)	10.6 (5.9, 15.2)
<b>I<sup>2</sup> (%)</b>	87.6	73.2	0.0	19.1	78.0	94.3	66.3	85.9	93.0	95.0	79.1	66.5
<b>European Region</b>												
Macedonia	3.2 (0.0, 8.2)	2.0 (1.1, 2.9)	0.8 (0.0, 2.6)	2.7 (0.0, 7.4)	1.8 (0.0, 5.6)	1.7 (0.7, 2.6)	2.4 (0.0, 5.7)	1.2 (0.0, 3.8)	9.7 (3.5, 16.0)	3.4 (1.7, 5.0)	3.9 (0.0, 8.3)	1.7 (0.0, 5.8)
<b>Pooled estimates</b>	–	–	–	–	–	–	–	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–	–	–	–	–	–	–	–
<b>America Region</b>												
Argentina	10.0 (6.9, 13.0)	11.0 (9.4, 12.5)	9.9 (6.7, 13.1)	9.4 (6.6, 12.3)	8.6 (6.7, 10.5)	5.8 (4.6, 6.9)	5.0 (2.7, 7.3)	3.1 (1.8, 4.5)	10.3 (6.0, 14.6)	5.4 (4.4, 6.3)	5.7 (3.3, 8.1)	6.0 (3.4, 8.5)
Barbados	15.9 (7.3, 24.5)	13.9 (11.4, 16.4)	18.1 (9.4, 26.9)	13.9 (4.3, 23.4)	6.0 (0.0, 12.0)	1.6 (0.8, 2.3)	3.1 (0.0, 6.8)	2.6 (2.0, 3.1)	11.1 (3.0, 19.2)	7.6 (5.5, 9.6)	9.6 (3.2, 16.0)	7.8 (0.5, 15.1)
Belize	–	4.0 (3.3, 4.8)	2.5 (0.0, 5.3)	2.0 (1.5, 2.6)	1.6 (0.0, 4.9)	1.8 (1.2, 2.4)	0.8 (0.0, 2.5)	–	3.6 (0.0, 8.6)	4.7 (3.1, 6.4)	4.6 (0.2, 9.1)	2.4 (0.0, 6.7)
Bolivia	12.9 (8.4, 17.3)	10.7 (9.1, 12.2)	8.6 (5.2, 11.9)	14.3 (10.0, 18.6)	6.5 (3.3, 9.7)	7.5 (5.9, 9.1)	4.8 (1.5, 8.0)	5.0 (1.5, 8.6)	15.5 (11.7, 19.2)	16.6 (14.4, 18.8)	11.9 (7.8, 16.1)	18.2 (12.1, 24.3)
Cayman	15.4 (0.0, –)	9.3 (6.6, –)	20.6 (9.4, –)	20.8 (5.1, –)	8.9 (0.0, –)	4.5 (2.5, –)	4.6 (0.0, –)	7.1 (0.0, –)	21.7 (3.1, –)	4.6 (2.6, –)	8.6 (1.0, –)	9.8 (0.0, –)

	30.9)	12.1)	31.8)	36.6)	21.9)	6.5)	9.9)	17.2)	40.2)	6.6)	16.2)	21.0)
Bahamas	9.8 (1.5, 18.2)	15.0 (12.1, 17.9)	19.9 (12.3, 27.4)	15.0 (3.9, 26.1)	3.6 (0.0, 8.3)	4.9 (3.4, 6.3)	2.9 (0.0, 5.7)	1.2 (0.0, 3.8)	12.7 (2.2, 23.2)	8.9 (7.2, 10.7)	7.1 (2.4, 11.8)	4.1 (0.0, 10.6)
Costa Rica	7.5 (3.6, 11.4)	10.0 (8.3, 11.8)	6.7 (4.1, 9.3)	11.9 (4.2, 19.7)	1.8 (0.0, 4.4)	2.2 (1.4, 2.9)	2.3 (1.2, 3.4)	0.7 (0.0, 2.2)	2.9 (0.0, 7.2)	6.0(4.5, 7.4)	3.4 (1.1, 5.8)	4.5 (0.0, 9.0)
Curaçao	14.4 (6.9, 22.0)	10.6 (7.7, 13.5)	18.0 (8.7, 27.4)	15.8 (4.7, 26.9)	11.5 (0.0, 24.4)	2.4 (1.2, 3.7)	5.6 (0.1, 11.1)	–	2.2 (0.0, 6.7)	6.6 (4.4, 8.8)	6.7 (0.3, 13.0)	8.5 (0.8, 16.2)
Ecuador	12.6 (9.3, 15.9)	10.4 (8.0, 12.7)	10.9 (7.3, 14.4)	13.9 (9.2, 18.6)	1.2 (0.9, 1.5)	4.9 (3.6, 6.3)	3.3 (0.0, 6.7)	7.0(3.9, 10.0)	10.2 (5.5, 14.9)	7.9 (6.2, 9.5)	7.1 (3.6, 10.7)	9.5 (6.0, 13.1)
El Salvador	3.5 (0.4, 6.7)	5.0 (3.5, 6.4)	5.4 (1.5, 9.4)	8.3 (0.0, 17.4)	5.9 (0.0, 13.6)	3.5 (2.2, 4.9)	1.9 (0.0, 4.0)	4.6 (0.0, 10.2)	6.6 (1.8, 11.5)	5.2 (3.9, 6.6)	2.6 (0.0, 5.4)	10.1 (1.2, 19.1)
Guatemala	2.7 (0.0, 6.3)	4.3 (3.0, 5.6)	5.6 (2.2, 9.0)	3.1 (0.3, 6.0)	4.3 (0.0, 10.7)	2.6 (1.0, 4.1)	0.8 (0.2, 1.4)	2.6 (0.0, 5.9)	5.2 (0.0, 11.2)	5.8 (4.4, 7.3)	5.9 (1.7, 10.1)	1.2 (0.3, 2.1)
Guyana	3.3 (0.0, 6.6)	9.6 (7.2, 11.9)	8.6 (2.8, 14.3)	10.5 (4.0, 17.0)	6.5 (4.1, 9.0)	6.0 (4.3, 7.7)	6.9 (2.5, 11.4)	8.3 (4.0, 12.7)	5.2 (0.9, 9.6)	11.0 (7.9, 14.0)	12.7 (7.0, 18.4)	12.4 (5.9, 18.9)
Honduras	5.3 (0.0, 11.7)	7.7 (6.6, 8.8)	6.4 (3.1, 9.6)	7.4 (2.8, 12.0)	2.9 (0.0, 6.8)	5.5 (3.5, 7.5)	4.6 (1.9, 7.2)	2.7 (0.0, 7.1)	64.7 (54.2, 75.3)	58.7 (54.2, 63.2)	52.7 (41.4, 64.0)	62.5 (48.1, 76.9)
Peru	6.8 (2.7, 10.9)	4.8 (3.4, 6.3)	6.0 (2.6, 9.4)	3.1 (0.0, 6.3)	12.3 (7.9, 16.6)	6.3 (5.0, 7.6)	7.9 (2.8, 12.9)	3.5 (0.0, 7.3)	6.6 (3.0, 10.3)	7.7 (5.4, 9.9)	9.8 (5.0, 14.5)	6.4 (2.8, 10.0)
Saint Kitts and Nevis	11.5 (3.0, 20.0)	12.3 (10.2, 14.5)	12.6 (6.2, 19.0)	12.0 (3.8, 20.2)	2.1 (0.0, 6.3)	3.0 (1.8, 4.2)	2.1 (0.0, 4.6)	6.4 (0.1, 12.6)	7.0 (0.0, 15.0)	7.4 (5.7, 9.1)	6.8 (1.8, 11.8)	3.6 (0.0, 8.7)
Trinidad and Tobago	11.4 (4.0, 18.7)	11.2 (9.5, 12.8)	8.9 (4.7, 13.0)	12.4 (5.3, 19.5)	2.5 (1.1, 3.8)	2.6 (1.6, 3.7)	3.3 (0.3, 6.3)	–	10.1 (4.6, 15.6)	9.7 (8.2, 11.2)	8.2 (5.0, 11.5)	10.8 (2.8, 18.8)
Uruguay	7.8 (3.2, 12.4)	12.6 (10.4, 14.8)	16.2 (10.5, 21.8)	10.9 (4.9, 17.0)	4.4 (0.6, 8.2)	7.4 (5.6, 9.1)	5.2 (2.6, 7.7)	4.4 (0.4, 8.4)	2.1 (0.0, 4.6)	3.5 (2.3, 4.7)	5.1 (1.7, 8.4)	1.3 (0.0, 3.2)
Venezuela	1.1 (0.0, 3.6)	6.0 (3.6, 8.4)	2.9 (0.0, 5.9)	6.3 (0.1, 12.6)	–	2.8 (1.9, 3.6)	1.0 (0.0, 2.7)	2.8 (0.0, 7.5)	7.4 (0, 14.9)	3.6 (2.4, 4.9)	4.3 (0.0, 8.9)	3.0 (0.0, 7.2)
<b>Pooled estimates</b>	<b>8.0 (5.6, 10.5)</b>	<b>9.3 (7.6, 10.9)</b>	<b>9.0 (7.0, 11.0)</b>	<b>9.6 (6.8, 12.3)</b>	<b>4.6 (3.0, 6.2)</b>	<b>4.1 (3.2, 4.9)</b>	<b>3.0 (2.1, 3.9)</b>	<b>3.2 (2.2, 4.2)</b>	<b>10.1 (6.4, 13.7)</b>	<b>9.7 (7.2, 12.1)</b>	<b>8.1 (5.8, 10.4)</b>	<b>7.6 (5.1, 10.1)</b>
<b>I<sup>2</sup> (%)</b>	<b>81.4</b>	<b>94.4</b>	<b>76.1</b>	<b>87.2</b>	<b>86.7</b>	<b>90.0</b>	<b>68.3</b>	<b>59.4</b>	<b>90.4</b>	<b>97.6</b>	<b>82.5</b>	<b>88.7</b>
<b>Eastern Mediterranean Region</b>												
Afghanistan	12.8 (4.5, 21.1)	4.3 (2.4, 6.1)	10.0 (5.7, 14.4)	3.4 (0.0, 8.3)	1.1 (0.0, 3.8)	5.3 (2.6, 7.9)	6.4 (1.9, 11.0)	2.5 (0.0, 5.2)	11.8 (5.4, 18.1)	12.4 (7.0, 17.7)	10.5 (3.4, 17.6)	6.6 (0.0, 19.4)
Djibouti	8.3 (0.0, 20.9)	5.8 (4.2, 7.4)	4.4 (0.0, 9.1)	4.1 (0.0, 12.7)	17.7 (1.4, 34.0)	13.1 (10.7, 15.6)	12.0(7.3, 16.7)	10.4 (0.0, 21.7)	5.3 (0.0, 12.5)	12.1 (8.7, 15.4)	13.2 (5.0, 21.4)	8.3 (0.0, 19.4)
Egypt	11.4 (3.7, 19.0)	12.8 (9.6, 16.0)	11.1 (5.8, 16.3)	13.8 (4.4, 23.2)	11.0 (5.0, 17.1)	10.1 (6.5, 13.7)	9.7 (4.2, 15.2)	–	1.7 (0.0, 3.7)	8.1 (4.9, 11.3)	9.3 (4.5, 14.1)	4.3 (0.0, 9.0)
Iraq	13.2 (4.1, 21.1)	6.7 (4.7, 8.7)	11.2 (7.8, 14.6)	4.4 (0.0, 8.8)	8.8 (0.9, 16.7)	8.0 (5.8, 10.2)	6.9 (2.4, 11.4)	8.3 (0.5, 16.1)	3.3 (0.0, 8.2)	3.9 (2.8, 5.0)	4.8 (0.6, 9.0)	5.9 (0.0, 11.1)

		22.4)	8.7)	14.6)	11.3)	16.8)	10.2)	11.4)	16.2)		5.1)	9.0)	12.9)
Jordan		2.4 (0.0, 8.4)	6.1 (4.1, 8.0)	11.6 (4.6, 18.6)	3.4 (0, 8.4)	5.0 (0.1, 9.8)	5.0 (2.2, 7.8)	16.2 (8.3, 24.1)	9.7 (0.0, 21.4)	5.0(0.0, 12.1)	9.6 (6.8, 12.3)	11.9 (5.2, 18.5)	7.6 (0.0, 15.6)
Kuwait		14 (7.9, 20.0)	9.7 (7.5, 11.9)	8.7 (4.0, 13.3)	7.2 (1.3, 13.1)	8.2 (0.4, 16.0)	5.4 (3.7, 7.1)	5.9 (3.6, 8.2)	6.8 (1.8, 11.9)	7.6 (1.9, 13.3)	6.3 (4.1, 8.6)	7.4 (4.8, 10.1)	6.4 (2.4, 10.5)
Lebanon		6.8 (0.0, 18.2)	4.9 (3.8, 6.1)	7.4 (2.9, 11.9)	4.0 (0.0, 11.3)	1.4 (1.0, 1.8)	2.4 (0.3, 4.4)	3.5 (0.0, 7.5)	1.1 (0.0, 3.3)	–	1.4 (0.5, 2.4)	3.4 (0.0, 6.8)	5.0 (0.0, 11.9)
Libya		10.0 (7.3, 12.7)	7.6 (5.1, 10.1)	7.7 (2.6, 12.8)	5.2 (0.2, 10.2)	8.0 (1.0, 14.9)	6.2 (4.4, 8.1)	8.6 (4.7, 12.4)	7.7 (2.9, 12.5)	7.4 (1.5, 13.4)	7.0 (5.4, 8.6)	8.7 (4.2, 13.2)	5.2 (0.0, 11.1)
Morocco		4.0 (0.0, 8.1)	3.5 (2.4, 4.6)	1.9 (0.0, 4.5)	6.0 (0.0, 12.7)	8.9 (4.0, 13.7)	5.0 (3.8, 6.2)	3.6 (1.3, 6.0)	9.8 (4.4, 15.2)	11.4 (6.2, 16.5)	7.4 (5.7, 9.0)	5.7 (2.1, 9.3)	6.6 (1.9, 11.3)
UNRWA		5.4 (2.8, 8.0)	6.5 (5.1, 7.9)	6.7 (4.4, 8.9)	4.9 (2.0, 7.8)	2.8 (1.0, 4.7)	4.9 (4.0, 5.9)	4.2 (2.2, 6.1)	2.8 (0.6, 4.9)	6.0 (3.2, 8.9)	6.0 (4.4, 7.6)	3.3 (1.5, 5.2)	1.5 (0.3, 2.8)
Oman		7.4 (0.0, 15.2)	8.1 (5.8, 10.4)	5.7 (1.5, 10.0)	6.6 (0.9, 12.2)	8.7 (7.4, 9.9)	9.4 (6.8, 11.9)	6.6 (2.5, 10.8)	3.0 (0.8, 5.3)	9.2 (6.7, 11.8)	7.1 (4.8, 9.5)	6.0(1.2, 10.8)	6.2 (0.5, 11.8)
Pakistan		2.8 (0.8, 4.9)	3.6 (2.6, 4.5)	3.8 (1.8, 5.9)	2.4 (0.7, 4.0)	3.9 (1.5, 6.2)	3.5 (2.3, 4.8)	3.1 (0.9, 5.3)	2.0 (0.2, 3.9)	8.3 (4.3, 12.4)	8.0 (6.0, 10.0)	10.3 (6.0, 14.5)	4.5 (1.6, 7.5)
Qatar		12.4 (0.0, 26.8)	17.4 (10.2, 24.5)	10.8 (6.3, 15.4)	24.4 (13.8, 35.0)	15.2 (5.3, 25.1)	14.9 (9.2, 20.6)	8.2 (5.4, 11.0)	7.0 (0.0, 14.8)	9.3 (0.0, 24.1)	16.8 (10.5, 23.1)	11.1 (4.6, 17.7)	7.6 (0.0, 16.1)
Sudan		9.4 (0.0, 18.8)	7.2 (4.9, 9.4)	5.0 (2.3, 7.7)	3.7 (0.0, 9.5)	11.4 (0.0, 26.7)	11.2 (8.6, 13.7)	9.9 (4.0, 15.8)	9.7 (3.4, 16.0)	27.6 (13.7, 41.5)	21.4 (16.7, 26.1)	12.4 (5.4, 19.5)	11.5 (4.4, 18.5)
Syrian Republic	Arab	9.5 (1.5, 17.5)	8.0 (6.3, 9.8)	16.0 (9.6, 22.3)	14.7 (9.6, 19.8)	5.4 (0.0, 10.8)	3.4 (1.8, 5.0)	7.0 (3.2, 10.8)	2.1 (0.0, 4.6)	4.1 (0.0, 10.7)	6.4 (4.7, 8.0)	7.7 (2.0, 13.3)	7.6 (1.5, 13.6)
Tunisia		2.0 (0.0, 6.7)	5.6 (3.8, 7.5)	9.5 (0.9, 18.0)	7.9 (2.3, 13.5)	8.1 (4.5, 11.6)	4.1 (2.8, 5.4)	4.7 (0.0, 9.5)	7.0(0.7, 13.3)	3.6 (0.0, 7.6)	5.5 (3.4, 7.6)	4.9 (0.3, 9.5)	6.1 (0.4, 11.8)
United Emirates	Arab	7.1 (3.4, 10.8)	8.4 (6.5, 10.4)	8.7 (5.6, 11.8)	4.0 (0.3, 7.7)	2.5 (0.2, 4.8)	3.0 (1.8, 4.1)	4.2 (1.7, 6.6)	2.0 (0.0, 4.1)	4.1 (0.8, 7.4)	4.0 (2.5, 5.5)	4.3 (1.8, 6.9)	5.7 (1.9, 9.4)
Yemen		–	7.8 (5.2, 10.4)	16.0 (0.0, 33.0)	11.0 (0.9, 21.1)	4.3 (0.0, 14.8)	14.1 (10.2, 18.0)	20.4 (5.0, 35.7)	9.2 (0.0, 19.8)	16.3 (1.0, 31.5)	21.8 (16.0, 27.5)	9.9 (4.1, 15.6)	17.7 (8.3, 27.1)
<b>Pooled estimates</b>		<b>7.0 (5.0, 9.0)</b>	<b>6.8 (5.8, 7.9)</b>	<b>7.8 (6.1, 9.5)</b>	<b>6.1 (4.2, 7.9)</b>	<b>5.9 (3.9, 7.9)</b>	<b>6.7 (5.4, 7.9)</b>	<b>6.4 (5.1, 7.7)</b>	<b>3.9 (2.6, 5.1)</b>	<b>6.7 (4.7, 8.6)</b>	<b>8.3 (6.6, 10.1)</b>	<b>7.1 (5.6, 8.5)</b>	<b>5.9 (4.2, 7.7)</b>
<b>I<sup>2</sup> (%)</b>		<b>63.1</b>	<b>84.1</b>	<b>70.0</b>	<b>61.6</b>	<b>90.0</b>	<b>88.9</b>	<b>58.5</b>	<b>51.8</b>	<b>68.6</b>	<b>92.3</b>	<b>52.8</b>	<b>53.7</b>
<b>Southeast Asia Region</b>													
Bangladesh		1.0 (0.0, 2.5)	3.3 (1.2, 5.4)	2.4 (0.2, 4.7)	2.7 (0.0, 6.3)	0.2 (0.0, 0.7)	2.3 (0.1, 4.5)	2.3 (0.3, 4.3)	–	4.2 (0.0, 12.2)	5.4 (2.2, 8.7)	5.3 (0.0, 11.4)	2.3 (0.0, 5.8)
India		9.6 (5.6, 13.7)	5.6 (4.6, 6.6)	7.1 (4.1, 10.0)	6.6 (3.1, 10.1)	4.3 (0.6, 8.0)	3.0(2.2, 3.8)	5.1 (3.2, 7.0)	2.4 (0.6, 4.3)	14.3 (7.6, 20.9)	13.3 (11.4, 15.3)	11.0 (6.9, 15.0)	12.3 (8.7, 15.9)
Indonesia		2.0 (0.5, 3.5)	2.4 (1.9, 2.8)	2.0 (0.9, 3.2)	2.7 (0.9, 4.4)	1.8 (0.2, 3.3)	2.2 (1.6, 2.7)	1.6 (0.6, 2.7)	1.7 (0.4, 3.1)	4.0 (1.7, 6.3)	3.8 (3.0, 4.5)	4.1 (2.4, 5.9)	1.6 (0.3, 3.0)

Thailand	14.9 (11.1, 18.8)	14.4 (11.5, 17.3)	12.7 (8.7, 16.7)	25.7 (16.1, 35.2)	6.3 (2.1, 10.5)	6.4 (5.1, 7.7)	4.7 (1.5, 8.0)	9.2 (5.1, 13.2)	13.8 (7.2, 20.4)	13.8 (11.5, 16.1)	14.3 (9.9, 18.8)	15.6 (7.5, 23.6)
Timor-Leste	18.5 (12.2, 24.8)	20.1 (17.2, 23.0)	22.4 (17.6, 27.3)	15.2 (4.5, 26.0)	31.9 (21.3, 42.6)	25.7 (22.3, 29.2)	28.3 (21.4, 35.2)	27.7 (12.7, 42.7)	17.9 (10.4, 25.4)	17.2 (14.5, 19.9)	18.1 (10.6, 25.7)	13.0 (5.6, 20.5)
<b>Pooled estimates</b>	<b>8.5 (3.6, 13.4)</b>	<b>8.9 (4.6, 13.3)</b>	<b>8.9 (3.5, 14.4)</b>	<b>8.1 (3.3, 13.0)</b>	<b>5.0 (1.6, 8.4)</b>	<b>7.4 (3.9, 10.9)</b>	<b>6.7 (2.8, 10.6)</b>	<b>5.4 (1.5, 9.2)</b>	<b>10.4 (4.5, 16.3)</b>	<b>10.7 (4.7, 16.6)</b>	<b>10.1 (4.9, 15.4)</b>	<b>8.1 (2.8, 13.4)</b>
<b>I<sup>2</sup> (%)</b>	<b>95.1</b>	<b>98.2</b>	<b>95.6</b>	<b>86.2</b>	<b>92.0</b>	<b>98.0</b>	<b>93.8</b>	<b>86.8</b>	<b>83.3</b>	<b>98.0</b>	<b>87.9</b>	<b>91.3</b>
<b>Western Pacific Region</b>												
Brunei		3.6 (2.6, 4.6)	5.2 (1.7, 8.6)	2.1 (0.0, 6.3)	1.0(0.0, 3.1)	3.0(1.7, 4.4)	2.4 (0.0, 4.8)	0.8 (0.0, 2.6)	8.2 (1.9, 14.5)	9.7 (7.9, 11.6)	14.2 (8.4, 20.0)	2.5 (0.0, 6.0)
Darussalam	1.5 (0.0, 4.4)											
Cambodia	–	2.0 (1.2, 2.8)	3.2 (1.1, 5.3)	–	4.4 (0.3, 8.4)	3.0 (2.1, 3.9)	4.1 (0.5, 7.7)	2.2 (0.0, 6.9)	0.5 (0.0, 1.7)	2.8 (2.1, 3.6)	0.9 (0.0, 2.3)	–
China	5.4 (2.9, 7.9)	4.4 (3.6, 5.2)	4.6 (2.6, 6.5)	3.3 (1.3, 5.3)	2.5 (0.3, 4.7)	2.6 (2.1, 3.2)	3.3 (1.3, 5.4)	4.5 (2.0, 7.0)	10.7 (6.3, 15.1)	10.9 (9.6, 12.1)	7.5 (5.5, 9.5)	11.6 (8.1, 15.1)
Cook	21.0 (14.1, 27.9)	4.9 (1.6, 8.1)	24.4 (10.5, 38.3)	–	15.0 (0.0, 38.7)	3.3 (0.3, 6.2)	3.2 (0.0, 12.2)	9.4 (0.0, 23.2)	14.8 (0.0, 45.3)	6.7 (3.2, 10.2)	15.6 (1.1, 30.2)	14.8 (0.0, 31.9)
Kiribati	11.8 (5.7, 17.8)	21.4 (15.5, 27.4)	18.1 (10.7, 25.5)	27.0 (17.1, 36.9)	22.4 (12.5, 32.2)	15.7 (12.4, 19.0)	16.2 (8.7, 23.7)	23.7 (12.9, 34.4)	13.2 (2.1, 24.2)	15.1 (12.4, 17.8)	18.4 (11.4, 25.4)	20.6 (11.5, 29.8)
Laos	1.2 (0.0, 4.0)	2.0 (0.8, 3.3)	1.9 (0.0, 4.1)	–	5.1 (0.6, 9.6)	3.7 (1.9, 5.6)	5.4 (0.0, 10.8)	1.2 (0.0, 3.7)	8.9 (0.5, 17.3)	8.5 (5.7, 11.2)	9.0 (5.2, 12.7)	6.8 (2.2, 11.3)
Malaysia	7.0 (3.8, 10.3)	4.8 (4.2, 5.5)	5.6 (4.3, 6.9)	4.0 (2.4, 5.6)	9.6 (5.8, 13.4)	6.0 (5.3, 6.6)	3.8 (2.6, 4.9)	5.5 (3.8, 7.3)	15.0 (10.9, 19.1)	13.6 (12.5, 14.7)	12.7 (10.6, 14.9)	12.6 (9.7, 15.4)
Mongolia	3.8 (0.2, 7.4)	7 (6, 8)	5.6 (2.8, 8.5)	10.1 (5.3, 14.9)	13.0 (7.0, 19.0)	10.5 (8.8, 12.3)	8.8 (4.6, 12.9)	8.8 (4.5, 13.1)	3.6 (0.1, 7.0)	2.9 (2.1, 3.8)	3.9 (1.5, 6.4)	2.1 (0.0, 4.2)
Philippines	2.0 (0.2, 3.7)	4.1 (3.2, 5.0)	6.7 (4.4, 9.1)	6.0 (3.6, 8.5)	1.5 (0.1, 2.9)	3.6 (2.8, 4.3)	3.4 (2.0, 4.8)	3.1 (1.0, 5.2)	5.1 (2.5, 7.8)	5.1 (4.4, 5.8)	4.5 (2.6, 6.5)	4.1 (1.7, 6.6)
Samoa	8.3 (0.0, 17.4)	12.7 (10.1, 15.3)	16.2 (9.4, 22.9)	10.1 (4.5, 15.6)	15.0 (1.7, 28.3)	15.8 (13.3, 18.3)	15.6 (9.2, 21.9)	8.6 (0.1, 17.1)	15.8 (6.8, 24.9)	17.6 (14.2, 21.0)	16.3 (9.0, 23.5)	12.7 (3.6, 21.7)
Solomon	7.3 (0.0, 17.0)	8.5 (6.5, 10.6)	10.8 (4.6, 16.9)	5.9 (0.0, 11.9)	8.4 (0.0, 18.6)	9.4 (6.8, 12.0)	6.1 (2.6, 9.7)	4.1 (0.4, 7.9)	12.8 (5.6, 19.9)	10 (5.3, 14.8)	13.5 (5.8, 21.1)	5.2 (0.0, 13.8)
Tonga	8 (1.5, 14.0)	11.7 (9.7, 13.7)	10.0 (5.3, 14.7)	7.8 (2.7, 12.8)	2.0 (0.0, 4.8)	7.3 (5.7, 8.8)	4.8 (2.2, 7.3)	7.4 (1.0, 13.8)	19.3 (13.2, 25.3)	18.2 (15.9, 20.5)	15.5 (10.5, 20.5)	9.8 (4.0, 15.7)
Tuvalu	54.2 (29.0, 79.3)	37.1 (32.1, 42.1)	35.0 (20.0, 49.9)	43.2 (23.2, 63.2)	36.7 (11.9, 61.5)	17.1 (13.1, 21.2)	15.2 (4.3, 26.1)	10.9 (0.0, 23.4)	4.7 (0.0, 14.5)	16.2 (12.4, 20.0)	21.2 (8.1, 34.4)	21.3 (5.0, 37.6)
Vanuatu	10.8 (0.0, 29.7)	5.1 (3.3, 6.9)	10.9 (0.0, 23.4)	1.5 (1.2, 1.7)	7.1 (0.0, 27.5)	7.9 (4.1, 11.6)	6.9 (0.0, 15.5)	3.6 (3.0, 4.2)	21.5 (0.0, 43.1)	17.4 (14.2, 20.6)	11.8 (2.3, 21.2)	22.1 (0.4, 43.8)
Vietnam	1.2 (0.8, 1.6)	7.2 (5.1, 9.3)	6.1 (1.6, 10.6)	12.6 (2.9, 22.3)	1.3 (0.0, 4.3)	2.2 (1.0, 3.4)	3.4 (0.0, 7.2)	1.0 (0.7, 1.2)	7.7 (1.1, 14.3)	9.0 (6.2, 11.8)	4.7 (3.6, 5.8)	8.0 (3.0, 13.0)
Wallis and	–	13.2 (10.1, 13.2)	12.2 (3.6, 12.2)	6.9 (0.0, 6.9)	9.6 (0.0, 9.6)	8.6 (6.2, 8.6)	6.6 (1.4, 6.6)	–	6.6 (0.0, 6.6)	8.6 (6.3, 8.6)	7.3 (1.3, 7.3)	2.4 (0.0, 2.4)

Futuna		16.3)	20.7)	15.8)	20.7)	11.0)	11.7)		20.4)	10.9)	13.4)	7.6)
<b>Pooled estimates</b>	<b>5.6 (3.5, 7.7)</b>	<b>8.3 (6.6, 10.0)</b>	<b>7.7 (5.7, 9.6)</b>	<b>6.8 (4.5, 9.1)</b>	<b>5.4 (3.3, 7.4)</b>	<b>7.1 (5.5, 8.6)</b>	<b>5.2 (3.9, 6.5)</b>	<b>3.8 (2.5, 5.2)</b>	<b>9.5 (5.9, 13.0)</b>	<b>10.7 (8.2, 13.2)</b>	<b>9.6 (7.1, 12.2)</b>	<b>8.2 (5.4, 10.9)</b>
<b>I<sup>2</sup> (%)</b>	<b>86.0</b>	<b>96.3</b>	<b>78.8</b>	<b>88.1</b>	<b>77.3</b>	<b>95.7</b>	<b>61.1</b>	<b>89.3</b>	<b>89.0</b>	<b>97.7</b>	<b>91.4</b>	<b>81.5</b>
<b>Total</b>												
<b>Pooled estimates</b>	<b>6.6 (5.4, 7.8)</b>	<b>6.7 (4.1, 9.3)</b>	<b>6.7 (3.9, 9.6)</b>	<b>6.7 (5.3, 8.2)</b>	<b>4.9 (3.7, 6.0)</b>	<b>5.6 (3.5, 7.6)</b>	<b>4.9 (3.3, 6.5)</b>	<b>3.5 (2.5, 4.6)</b>	<b>9.0 (7.1, 10.9)</b>	<b>8.9 (6.0, 11.9)</b>	<b>8.3 (6.5, 10.1)</b>	<b>6.7 (4.5, 8.9)</b>
<b>I<sup>2</sup> (%)</b>	<b>9.4</b>	<b>94.9</b>	<b>94.2</b>	<b>47.4</b>	<b>26.0</b>	<b>92.2</b>	<b>80.5</b>	<b>55.0</b>	<b>28.3</b>	<b>87.8</b>	<b>55.5</b>	<b>69.6</b>



**Table S7 Prevalence of daily tooth brushing across different BMI levels**

	Underweight			Normal			Overweight			Obese		
	0	1–3 times	>3 times	0	1–3 times	>3 times	0	1–3 times	>3 times	0	1–3 times	>3 times
<b>Africa Region</b>												
Algeria	24.5 (18.0, 31.0)	63.1 (54.1, 72.2)	12.3 (7.6, 17.1)	19.9 (16.8, 23.0)	67.5 (64.1, 70.8)	12.6 (10.3, 14.9)	15.4 (10.5, 20.4)	67.2 (61.4, 73.0)	17.4 (13.7, 21.1)	16.2 (10.8, 21.5)	68.9 (64.2, 73.7)	14.9 (10.6, 19.2)
Ghana	16.1 (10.3, 21.8)	54.9 (46.8, 63.1)	29.0 (20.8, 37.2)	13.1 (11.0, 15.1)	62.6 (59.3, 65.8)	24.4 (22.2, 26.6)	13.9 (9.6, 18.2)	65.9 (58.6, 73.2)	20.2 (14.2, 26.2)	10.9 (6.7, 15.0)	70.9 (63.6, 78.2)	18.2 (12.9, 23.5)
Namibia	17.9 (8.7, 27.1)	63.8 (54.9, 72.7)	18.3 (13.0, 23.6)	12.5 (9.1, 15.8)	67.6 (62.6, 72.5)	20.0 (16.2, 23.8)	6.6 (2.4, 10.8)	70.4 (62.2, 78.6)	23.0 (16.0, 30.0)	14.8 (0.0, 29.6)	72.3 (63.1, 81.4)	13.0 (5.9, 20.0)
Senegal	21.9 (10.0, 33.8)	67.2 (49.5, 85.0)	10.9 (5.0, 16.7)	9.6 (3.2, 15.9)	84.4 (79.5, 89.2)	6.1 (3.8, 8.4)	5.9 (0.0, 15.9)	83.6 (77.6, 89.6)	10.5 (3.1, 18.0)	10.2 (3.5, 16.8)	84.1 (74.0, 94.3)	5.7 (0.0, 14.2)
Swaziland	3.6 (0.0, 8.5)	88.3 (79.2, 97.3)	8.2 (2.1, 14.2)	5.1 (3.2, 7.0)	89.7 (87.9, 91.5)	5.2 (3.9, 6.6)	4.2 (2.1, 6.4)	93.5 (88.9, 98.2)	2.2 (0.0, 5.5)	6.1 (0.0, 13.9)	90.4 (83.6, 97.1)	3.6 (0.0, 7.6)
Uganda	1.1 (0.8, 1.4)	76.1 (68.2, 84.0)	22.8 (14.9, 30.8)	1.6 (1.0, 2.3)	83.5 (81.1, 85.9)	14.9 (12.4, 17.4)	2.0 (0.0, 4.2)	84.7 (79.5, 89.8)	13.4 (7.1, 19.6)	0.8 (0.5, 1.0)	83.2 (74.0, 92.5)	16.0 (6.6, 25.3)
<b>Pooled estimates</b>	<b>13.5 (5.1, 22.0)</b>	<b>69.0 (58.8, 79.1)</b>	<b>16.4 (10.9, 22.0)</b>	<b>10.2 (4.3, 16.2)</b>	<b>76.0 (66.3, 85.6)</b>	<b>13.8 (7.3, 20.3)</b>	<b>7.8 (3.6, 12.0)</b>	<b>77.8 (68.4, 87.2)</b>	<b>14.3 (6.7, 21.9)</b>	<b>9.3 (2.6, 16.0)</b>	<b>78.1 (70.2, 86.0)</b>	<b>11.7 (6.2, 17.2)</b>
<b>I<sup>2</sup> (%)</b>	<b>95.1</b>	<b>85.7</b>	<b>79.5</b>	<b>98.1</b>	<b>98.4</b>	<b>98.1</b>	<b>88.2</b>	<b>93.3</b>	<b>93.0</b>	<b>92.6</b>	<b>85.0</b>	<b>82.3</b>
<b>European Region</b>												
Macedonia	7.6 (2.2, 13.0)	88.6 (80.2, 97.0)	3.8 (0.0, 9.7)	2.8 (1.1, 4.4)	91.7 (90.2, 93.3)	5.5 (3.8, 7.2)	2.5 (0.5, 4.4)	93.5 (90.4, 96.6)	4.0 (0.7, 7.4)	1.5 (0.0, 4.7)	90.1 (82.1, 98.0)	8.4 (0.9, 15.9)
<b>Pooled estimates</b>	–	–	–	–	–	–	–	–	–	–	–	–
<b>I<sup>2</sup> (%)</b>	–	–	–	–	–	–	–	–	–	–	–	–
<b>America Region</b>												
Argentina	8.2 (3.6, 12.9)	79.2 (72.5, 85.9)	12.6 (9.4, 15.8)	6.7 (5.7, 7.6)	81.6 (79.8, 83.4)	11.8 (10.1, 13.5)	9.7 (7.0, 12.5)	77.9 (74.0, 81.9)	12.3 (8.9, 15.7)	6.9 (4.5, 9.3)	81.9 (76.9, 86.8)	11.3 (6.3, 16.2)
Bahamas	8.2 (0.6, 15.7)	76.6 (63.7, 89.4)	15.3 (3.9, 26.7)	5.4 (3.4, 7.3)	84.5 (80.2, 88.8)	10.1 (7.1, 13.1)	8.2 (3.1, 13.3)	86.6 (78.8, 94.5)	5.1 (0.7, 9.5)	3.7 (0.0, 9.6)	84.4 (76.2, 92.6)	11.9 (3.8, 20.0)
Barbados	7.9 (0.2, 15.6)	80.3 (68.5, 92.2)	11.8 (4.2, 19.3)	3.0 (1.8, 4.2)	90.5 (88.5, 92.6)	6.5 (4.6, 8.3)	4.4 (0.8, 8.0)	86.6 (77.8, 95.4)	9.0 (0.7, 17.4)	1.3 (0.0, 4.1)	95.2 (91.0, 99.5)	3.4 (0.3, 6.6)
Belize	–	87.1 (77.4, 96.8)	12.9 (3.2, 22.6)	2.1 (1.0, 3.3)	84.7 (81.4, 88.0)	13.1 (10.4, 15.9)	1.1 (0.0, 2.8)	81.5 (71.9, 91.1)	17.3 (8.1, 26.6)	3.0 (0.0, 6.6)	90.9 (83.7, 98.0)	6.2 (0.1, 12.3)
Bolivia	9.4 (3.6, 15.2)	83.1 (75.4, 90.8)	7.5 (1.9, 13.1)	8.4 (7.0, 9.9)	84.8 (83.2, 86.3)	6.8 (5.6, 8.0)	5.4 (2.8, 8.1)	85.6 (82.1, 89.1)	9.0 (5.5, 12.4)	5.4 (2.2, 8.6)	88.7 (83.9, 93.6)	5.9 (2.0, 9.8)
Cayman	15.2 (0.0, 32.3)	76.0 (56.0, 96.0)	8.9 (0.0, 21.9)	3.3 (1.6, 4.9)	92.2 (89.8, 94.7)	4.5 (2.6, 6.4)	5.6 (0.0, 12)	92.8 (85.7, 99.9)	1.6 (0.0, 4.9)	15.7 (0.8, 30.6)	81.2 (65.6, 96.9)	3.1 (0.0, 9.3)

Costa Rica	–	77.4 (70.8, 84.1)	22.6 (15.9, 29.2)	1.8 (1.2, 2.3)	82.1 (79.7, 84.5)	16.1 (14.0, 18.2)	2.6 (0.8, 4.4)	80.5 (74.7, 86.3)	16.9 (12.3, 21.6)	1.4 (0.0, 3.6)	81.3 (76.1, 86.4)	17.3 (13.3, 21.4)
Curaçao	–	91.8 (86.8, 96.8)	8.2 (3.2, 13.2)	3.2 (1.9, 4.6)	94.1 (92.2, 96.0)	2.7 (1.3, 4.0)	5.3 (0.0, 10.6)	85.9 (77.3, 94.4)	8.8 (3.1, 14.5)	7.9 (0.8, 15.0)	85.9 (74.1, 97.7)	6.2 (0.0, 16.0)
Ecuador	4.7 (1.8, 7.6)	95.3 (92.4, 98.2)	–	11.1 (8.9, 13.3)	88.9 (86.7, 91.1)	–	11.6 (7.3, 15.9)	87.7 (83.4, 92.0)	0.7 (0.6, 0.8)	8.9 (4.2, 13.6)	91.1 (86.4, 95.8)	–
El Salvador	–	90.3 (85.5, 95.1)	9.7 (4.9, 14.5)	2.5 (1.5, 3.4)	85.8 (83.8, 87.8)	11.8 (9.7, 13.8)	1.5 (0.0, 4.0)	89.2 (84.0, 94.4)	9.3 (4.0, 14.6)	8.3 (1.3, 15.3)	77.1 (65.2, 89.1)	14.6 (5.4, 23.7)
Guatemala	4.5 (0.0, 10.9)	84.2 (68.8, 99.7)	11.2 (0.7, 21.8)	5.4 (3.4, 7.4)	75.8 (72.1, 79.4)	18.8 (15.1, 22.5)	12.6 (4.7, 20.6)	74.0 (67.1, 80.8)	13.4 (8.5, 18.3)	0.8 (0.2, 1.3)	76.3 (67.0, 85.7)	22.9 (13.2, 32.6)
Guyana	2.2 (1.4, 3.0)	95.2 (93.4, 97.0)	2.6 (1.6, 3.6)	4.7 (3.2, 6.1)	87.8 (84.8, 90.7)	7.5 (5.3, 9.8)	1.8 (0.0, 4.1)	90.7 (86.6, 94.8)	7.5 (5.1, 9.9)	3.6 (0.0, 7.3)	85.6 (81.6, 89.5)	10.8 (4.3, 17.3)
Honduras	2.6 (1.7, 3.4)	82.2 (72.5, 91.9)	15.3 (5.8, 24.8)	4.1 (2.8, 5.3)	81.1 (78.4, 83.8)	14.8 (12.4, 17.3)	5.9 (1.8, 10.1)	75.2 (69.0, 81.5)	18.8 (12.1, 25.5)	1.2 (0.0, 4.0)	83.8 (73.7, 93.8)	15.0 (6.6, 23.4)
Peru	4.5 (1.1, 7.9)	80.5 (75.4, 85.7)	15.0 (11.2, 18.7)	3.8 (2.8, 4.9)	86.9 (84.9, 88.9)	9.3 (7.4, 11.1)	6.2 (2.9, 9.5)	87.3 (83.4, 91.1)	6.5 (3.7, 9.4)	3.3 (0.0, 6.9)	90.4 (85.6, 95.2)	6.3 (3.0, 9.6)
Saint Kitts and Nevis	1.6 (0.0, 4.7)	94.1 (88.1, 100.0)	4.4 (0, 9.4)	4.7 (3.2, 6.1)	86.0 (83.8, 88.3)	9.3 (7.4, 11.2)	1.3 (0.0, 3.2)	88.6 (82.7, 94.6)	10.0 (4.3, 15.7)	1.2 (0.0, 3.5)	87.7 (79.7, 95.7)	11.2 (3.4, 18.9)
Trinidad and Tobago	2.7 (0.0, 6.7)	94.0 (91.0, 97.0)	3.3 (0.0, 7.0)	3.6 (2.1, 5.1)	92.6 (90.8, 94.3)	3.8 (2.6, 5)	6.0 (2.9, 9.0)	90.9 (86.8, 95.1)	3.1 (0.1, 6.0)	1.0 (0.0, 3.2)	96.7 (93.1, 100.0)	2.3 (0.0, 5.1)
Uruguay	3.3 (0.0, 6.9)	75.1 (64.2, 86.0)	21.6 (12.2, 31.0)	2.4 (1.6, 3.2)	77.8 (75.9, 79.7)	19.8 (18.0, 21.6)	3.1 (0.8, 5.4)	75.2 (69.1, 81.2)	21.7 (16.0, 27.4)	3.0 (0.0, 6.4)	74.6 (66.4, 82.9)	22.4 (14.1, 30.7)
Venezuela	2.4 (2.0, 2.8)	67.9 (58.5, 77.4)	29.7 (20.3, 39.0)	1.9 (1.1, 2.7)	83.3 (79.8, 86.8)	14.8 (11.4, 18.2)	1.3 (0.0, 3.5)	85.8 (81.0, 90.6)	12.9 (7.9, 17.8)	0.9 (0.6, 1.2)	82.4 (69.8, 95.1)	16.7 (3.8, 29.6)
<b>Pooled estimates</b>	<b>3.0 (2.3, 3.7)</b>	<b>85.3 (81.6, 88.9)</b>	<b>11.9 (8.3, 15.5)</b>	<b>4.2 (3.3, 5.2)</b>	<b>85.7 (83.3, 88.0)</b>	<b>10.6 (8.1, 13.1)</b>	<b>4.5 (3.1, 5.9)</b>	<b>84.7 (82.1, 87.3)</b>	<b>9.8 (6.8, 12.9)</b>	<b>2.5 (1.6, 3.3)</b>	<b>86.2 (83.1, 89.3)</b>	<b>10.1 (7.1, 13.1)</b>
<b>I<sup>2</sup> (%)</b>	<b>44.3</b>	<b>86.7</b>	<b>89.9</b>	<b>92.1</b>	<b>94.8</b>	<b>96.6</b>	<b>79.0</b>	<b>76.3</b>	<b>95.0</b>	<b>72.3</b>	<b>77.2</b>	<b>81.1</b>
<b>Eastern Mediterranean Region</b>												
Afghanistan	16.1 (8.3, 23.9)	59.4 (44.7, 74.1)	24.5 (7.6, 41.4)	24.3 (18.7, 30.0)	62.7 (59.3, 66.2)	13.0 (8.8, 17.1)	21.7 (10.5, 33.0)	67.1 (57.1, 77.1)	11.2 (6.1, 16.2)	22.4 (2.6, 42.3)	61.0 (44.3, 77.6)	16.6 (7.0, 26.2)
Djibouti	13.2 (4.7, 21.6)	60.4 (47.7, 73.1)	26.5 (11.1, 41.8)	10.9 (8.1, 13.7)	57.0 (53.8, 60.2)	32.1 (29.0, 35.2)	9.6 (2.1, 17.2)	52.8 (40.9, 64.7)	37.6 (25.5, 49.6)	4.4 (0.7, 8.1)	62.0 (46.6, 77.5)	33.6 (17.4, 49.7)
Egypt	42.1 (34.4, 49.7)	46.2 (37.0, 55.4)	11.7 (6.9, 16.5)	39.8 (34.0, 45.7)	51.9 (45.7, 58.2)	8.2 (5.2, 11.2)	34.0 (27.4, 40.5)	56.6 (49.5, 63.8)	9.4 (5.1, 13.8)	35.8 (25.6, 46.1)	55.6 (44.7, 66.5)	8.5 (4.2, 12.9)
Iraq	23.1 (10.4, 35.9)	60.6 (48.8, 72.5)	16.3 (7.7, 24.8)	20.5 (17.6, 23.4)	69.0 (65.2, 72.8)	10.5 (8.2, 12.8)	26.5 (18.1, 34.9)	64.1 (55.5, 72.7)	9.4 (4.3, 14.5)	23.5 (13.7, 33.4)	69.2 (58.2, 80.1)	7.3 (2.5, 12.1)
Jordan	23.5 (11.4, 35.7)	65.7 (49.7, 81.8)	10.7 (0.0, 21.5)	19.9 (16.8, 23.1)	73.4 (69.7, 77.1)	6.6 (4.6, 8.7)	27.6 (15.9, 39.3)	65.0 (52.7, 77.4)	7.3 (1.8, 12.9)	32.0 (17.2, 46.7)	60.0 (48.8, 71.1)	8.1 (1.0, 15.1)

Kuwait	13.9 (4.6, 23.2)	83.9 (73.8, 94.0)	2.2 (0, 5.3)	14.1 (9.4, 18.7)	80.0 (74.8, 85.3)	5.9 (4.2, 7.6)	15.8 (9.7, 21.9)	78.9 (72.8, 85.1)	5.3 (1.2, 9.4)	16.1 (5.3, 26.9)	76.7 (66.2, 87.2)	7.2 (6.1, 8.3)
Lebanon	10.9 (0.0, 23.3)	77.4 (59.9, 94.9)	11.8 (0.0, 26.1)	7.7 (6.0, 9.5)	86.6 (84.1, 89.1)	5.7 (3.5, 7.9)	12.6 (7.9, 17.3)	82.2 (76.0, 88.4)	5.2 (1.2, 9.2)	16.8 (9.1, 24.5)	73.2 (53.6, 92.8)	10.0 (0.0, 23.9)
Morocco	31.2 (20, 42.3)	57.1 (46.7, 67.4)	11.8 (6.0, 17.6)	32.1 (26.6, 37.6)	54.1 (49.3, 58.8)	13.8 (11.2, 16.5)	23.1 (16.1, 30.1)	64.1 (56.6, 71.6)	12.8 (9.1, 16.4)	34.4 (20.8, 48.1)	53.8 (39.7, 68.0)	11.7 (5.5, 18.0)
Oman	17.6 (12.6, 22.5)	72.7 (67.2, 78.2)	9.8 (7.1, 12.4)	15.7 (10.8, 20.6)	77.2 (72.3, 82.0)	7.1 (5.6, 8.6)	13.9 (8.2, 19.5)	75.5 (67.3, 83.8)	10.6 (5.3, 16.0)	9.4 (2.3, 16.6)	82.8 (73.4, 92.2)	7.8 (4.4, 11.1)
Pakistan	16.0 (10.7, 21.2)	78.4 (73.3, 83.4)	5.7 (3.0, 8.3)	16.5 (12.3, 20.8)	80.1 (76.0, 84.3)	3.3 (1.7, 4.9)	15.1 (10.9, 19.4)	78.9 (74.8, 83.0)	6.0 (1.3, 10.6)	17.9 (11.4, 24.3)	78.5 (71.1, 86.0)	3.6 (0.0, 7.2)
Qatar	12.3 (0.0, 27.8)	69.5 (53.8, 85.2)	18.2 (15.5, 20.9)	22.6 (14.4, 30.8)	61.1 (54.1, 68.0)	16.4 (12.1, 20.6)	14.9 (6.0, 23.7)	72.3 (62.8, 81.8)	12.8 (4.8, 20.9)	15.2 (4.8, 25.5)	82.5 (72.0, 93.0)	2.3 (1.9, 2.8)
Sudan	4.3 (2.3, 6.2)	78.4 (70.0, 86.8)	17.3 (7.5, 27.2)	9.8 (6.9, 12.6)	77.7 (73.8, 81.6)	12.6 (9.0, 16.1)	13.2 (3.3, 23.2)	76.4 (67.4, 85.4)	10.3 (3.2, 17.5)	7.8 (0.0, 16.2)	82.1 (68.9, 95.3)	10.1 (4.4, 15.8)
Syrian Arab Republic	34.2 (25.5, 42.9)	58.0 (48.7, 67.3)	7.8 (2.8, 12.8)	33.2 (30.0, 36.5)	62.2 (58.8, 65.5)	4.6 (3.5, 5.7)	35.5 (27.2, 43.9)	60.4 (52.2, 68.7)	4.0 (1.9, 6.2)	34.4 (27.6, 41.2)	60.3 (52.7, 68.0)	5.2 (1.4, 9.1)
Tunisia	14.1 (3.7, 24.5)	74.8 (62.8, 86.9)	11.1 (5.6, 16.6)	10.3 (8.6, 11.9)	82.4 (79.4, 85.4)	7.3 (5.5, 9.2)	18.2 (13.7, 22.6)	71.4 (66.1, 76.7)	10.4 (5.5, 15.3)	14.7 (4.2, 25.2)	80.2 (68.6, 91.7)	5.2 (1.3, 9.0)
United Arab Emirates	17.9 (8.4, 27.4)	66.9 (51.9, 81.8)	15.2 (4.9, 25.6)	13.7 (10, 17.4)	77.4 (73.0, 81.8)	8.9 (7.0, 10.8)	20.0 (12.3, 27.6)	72.0 (65.3, 78.8)	8.0 (4.2, 11.8)	10.3 (3.6, 17.1)	79.1 (70.1, 88.1)	10.5 (3.6, 17.5)
UNRWA	31.3 (23.9, 38.6)	60.4 (52.9, 68.0)	8.3 (3.7, 12.9)	29.9 (27.5, 32.2)	62.5 (60.4, 64.7)	7.6 (6.5, 8.6)	30.4 (25.8, 35.0)	62.6 (58.1, 67.2)	7.0 (4.7, 9.2)	30.3 (24.0, 36.7)	58.9 (53.3, 64.4)	10.8 (6.6, 15.1)
Yemen	31.4 (14.8, 48.0)	53.8 (46.8, 60.9)	14.7 (2.0, 27.5)	35.6 (26.9, 44.4)	54.0 (46.2, 61.7)	10.4 (7.0, 13.8)	35.6 (24.8, 46.3)	55.7 (42.7, 68.8)	8.7 (1.8, 15.7)	32.3 (9.4, 55.3)	67.7 (44.7, 90.6)	–
<b>Pooled estimates</b>	<b>20.6 (14.4, 26.8)</b>	<b>66.0 (60.5, 71.6)</b>	<b>11.7 (8.6, 14.8)</b>	<b>20.7 (16.1, 25.3)</b>	<b>68.9 (63.6, 74.3)</b>	<b>10.0 (7.8, 12.3)</b>	<b>21.3 (17.3, 25.3)</b>	<b>68.6 (64.4, 72.8)</b>	<b>9.0 (7.0, 10.9)</b>	<b>20.2 (14.5, 26.0)</b>	<b>69.9 (64.5, 75.2)</b>	<b>8.0 (5.8, 10.2)</b>
<b>I<sup>2</sup> (%)</b>	<b>92.2</b>	<b>82.4</b>	<b>83</b>	<b>97.1</b>	<b>97.1</b>	<b>95.6</b>	<b>83.2</b>	<b>82.6</b>	<b>70.1</b>	<b>87.3</b>	<b>76.3</b>	<b>89</b>
<b>Southeast Asia Region</b>												
Bangladesh	22.8 (7.7, 37.9)	76.8 (61.7, 91.8)	0.4 (0.0, 1.3)	12.5 (10.3, 14.6)	86.6 (84.3, 88.9)	0.9 (0.1, 1.8)	5.3 (2.4, 8.2)	94.4 (91.5, 97.4)	0.2 (0.0, 0.7)	13.6 (5.8, 21.4)	84.4 (76.2, 92.6)	2.0 (0.9, 3.1)
India	4.0 (1.5, 6.4)	94.5 (91.5, 97.5)	1.6 (0.0, 3.3)	4.4 (3.4, 5.4)	93.9 (92.6, 95.3)	1.6 (1.1, 2.2)	3.7 (1.6, 5.8)	95.3 (93, 97.7)	0.9 (0.1, 1.8)	4.2 (2.6, 5.7)	94.2 (91.5, 96.9)	1.7 (0.2, 3.1)
Indonesia	1.1 (0.3, 1.9)	97.2 (95.8, 98.6)	1.7 (0.4, 3.0)	2.5 (1.8, 3.1)	93.8 (92.6, 95.0)	3.7 (2.9, 4.5)	1.7 (0.8, 2.6)	96.1 (94.9, 97.3)	2.2 (1.0, 3.4)	2.3 (0.5, 4.2)	95.8 (93.9, 97.6)	1.9 (0.2, 3.6)
Thailand	2.4 (0.0, 5.8)	88.4 (81.1, 95.6)	9.2 (3.2, 15.2)	5.2 (4.0, 6.3)	91.3 (89.4, 93.2)	3.6 (2.5, 4.7)	7.1 (2.8, 11.3)	84.6 (78.5, 90.7)	8.3 (3.4, 13.1)	6.1 (1.1, 11.0)	89.6 (82.7, 96.5)	4.4 (1.0, 7.7)
Timor-Leste	16.0 (4.8, 27.2)	77.2 (65.4, 88.9)	4.4 (1.0, 7.7)	16.8 (13.2, 20.4)	77.6 (74.0, 81.2)	5.7 (4.4, 6.9)	19.0 (13.8, 24.2)	77.8 (72.0, 83.6)	3.2 (0.0, 6.7)	12.9 (0.0, 27.3)	72.6 (57.5, 87.7)	14.5 (7.5, 21.4)
<b>Pooled</b>	<b>4.1 (0.9, 8.3)</b>	<b>90.5 (85.3, 95.7)</b>	<b>2.0 (0.5, 3.5)</b>	<b>7.8 (4.7, 10.9)</b>	<b>88.9 (85.0, 92.8)</b>	<b>3.0 (1.6, 4.4)</b>	<b>6.7 (2.8, 10.6)</b>	<b>90.6 (86.2, 95.0)</b>	<b>1.7 (0.4, 3.0)</b>	<b>5.0 (2.4, 7.6)</b>	<b>91.0 (86.7, 95.3)</b>	<b>2.9 (1.2, 4.6)</b>

<b>estimates</b>	<b>7.3)</b>	<b>95.7)</b>	<b>3.6)</b>	<b>11.0)</b>	<b>92.9)</b>	<b>4.5)</b>	<b>10.6)</b>	<b>95.0)</b>	<b>3.0)</b>	<b>7.7)</b>	<b>95.3)</b>	<b>4.6)</b>
<b>I<sup>2</sup> (%)</b>	<b>79.4</b>	<b>83.4</b>	<b>74.9</b>	<b>97.0</b>	<b>96</b>	<b>93.5</b>	<b>92.1</b>	<b>91.7</b>	<b>83.2</b>	<b>64.8</b>	<b>77.5</b>	<b>72.2</b>
<b>Western Pacific Region</b>												
Brunei	3.6 (0.0,	89.6 (82.9,	6.8 (1.2,	2.1 (1.3,	88.0 (86.2,	10.0 (8.4,	3.4 (1.1,	85.7 (80.8,	10.9 (6.5,	0.7 (0.0,	86.4 (78.6,	12.9 (5.3,
Darussalam	7.3)	96.2)	12.5)	2.9)	89.7)	11.6)	5.7)	90.6)	15.3)	2.2)	94.1)	20.5)
Cambodia	1.5 (0.0,	98.5 (95.3,	–	4.9 (3.4,	93.5 (91.9,	1.6 (0.8,	4.7 (0.4,	94.7 (90.1,	0.6 (0.0,	2.2 (0.0,	96.1 (91.1,	1.8 (0.2,
	4.7)	100.0)		6.4)	95.2)	2.3)	9.1)	99.3)	1.4)	6.9)	100.0)	3.3)
China	3.6 (1, 6.2)	94.4 (91.5,	2.1 (0.5,	2.3 (1.8,	94.5 (93.8,	3.2 (2.5,	3.3 (1.4,	94.5 (92.2,	2.2 (1.4,	4.3 (0.2,	90.5 (86.3,	5.1 (2.3,
		97.3)	3.6)	2.8)	95.2)	3.8)	5.2)	96.7)	3.0)	8.4)	94.8)	8.0)
Cook	7.5 (5.2,	85.5 (64.5,	7.0 (0.0,	12.3 (7.7,	77.7 (73.5,	10.0 (7.2,	18.4 (0.0,	73.7 (49.8,	7.8 (0.0,	9.9 (0.0,	81.0 (66.3,	9.1 (0.0,
	9.8)	100.0)	27.1)	16.9)	81.9)	12.8)	38.8)	97.7)	20.2)	20.9)	95.7)	25.7)
Kiribati	20.8 (9.3,	50.4 (36.1,	28.8 (15.0,	20.1 (16.0,	67.2 (62.3,	12.7 (10.1,	16.0 (6.2,	64.9 (54.0,	19.1 (9.7,	16.8 (9.2,	71.1 (56.8,	12.1 (3.8,
	32.3)	64.6)	42.6)	24.2)	72.0)	15.4)	25.8)	75.9)	28.5)	24.4)	85.4)	20.4)
Laos	1.0 (0.0,	99.0 (96.9,	–	1.9 (0.7,	94.1 (92.7,	4.0 (2.6,	3.8 (0.3,	95.6 (92.7,	0.6 (0.0,	2.3 (0.0,	94.4 (87.7,	3.3 (0.0,
	3.1)	100.0)		3.1)	95.5)	5.4)	7.2)	98.6)	1.9)	5.8)	100.0)	8.0)
Malaysia	3.4 (1.9,	84.4 (81.6,	12.2 (9.7,	2.6 (2.1,	86.4 (85.2,	11.1 (10.0,	3.7 (2.3,	83.8 (81.5,	12.5 (10.2,	4.2 (2.5,	85.6 (82.7,	10.2 (7.8,
	5.0)	87.2)	14.6)	3.0)	87.6)	12.1)	5.0)	86.1)	14.8)	5.9)	88.5)	12.6)
Mongolia	6.5 (2.6,	76.9 (71.1,	16.6 (9.6,	5.5 (4.5,	84.1 (82.6,	10.4 (9.0,	4.6 (2.4,	83.5 (79.1,	11.9 (7.7,	5.8 (2.2,	86.2 (81.2,	8.0 (4.0,
	10.4)	82.7)	23.6)	6.5)	85.7)	11.7)	6.8)	87.9)	16.1)	9.3)	91.3)	11.9)
Nauru	26.1 (0.0,	30.9 (0.0,	43.0 (6.9,	11.7 (7.6,	55.4 (49.1,	32.8 (26.8,	13.0 (0.3,	51.2 (32.6,	35.8 (18,	15.8 (0.0,	26.3 (6.5,	57.9 (35.7,
	56.8)	62.6)	79.2)	15.9)	61.7)	38.8)	25.7)	69.9)	53.6)	32.2)	46.1)	80.1)
Philippines	3.9 (1.0,	87.3 (81.0,	8.8 (3.4,	3.6 (2.7,	87.6 (86.0,	8.8 (7.7,	4.0 (1.9,	85.8 (80.5,	10.2 (5.1,	1.9 (0.2,	91.5 (88.8,	6.6 (4.5,
	6.8)	93.6)	14.2)	4.5)	89.1)	10.0)	6.0)	91.2)	15.4)	3.6)	94.3)	8.6)
Samoa	22.6 (8.2,	59.3 (54.2,	18.0 (4.9,	15.7 (11.9,	58.4 (53.6,	25.9 (21.5,	16.0 (9.2,	62.1 (53.7,	21.9 (15.8,	15.1 (6.9,	66.4 (58.1,	18.6 (10.9,
	37.1)	64.5)	31.1)	19.5)	63.2)	30.4)	22.8)	70.4)	28.0)	23.3)	74.6)	26.2)
Solomon	26.8 (0.0,	63.8 (45.3,	9.4 (0.0,	23.7 (19.1,	57.6 (50.5,	18.7 (12.2,	22.7 (14.8,	51.3 (37.8,	26.0 (9.9,	8.4 (0.2,	71.2 (46.6,	20.4 (0.0,
	55.5)	82.3)	22.6)	28.4)	64.7)	25.1)	30.6)	64.7)	42.2)	16.6)	95.7)	44.7)
Tonga	10.9 (3.7,	66.3 (55.3,	22.8 (14.6,	9.0 (7.1,	68.6 (64.9,	22.4 (19.1,	7.2 (3.6,	70.2 (63.7,	22.6 (16.1,	12.5 (6.6,	66.3 (58.5,	21.2 (14.0,
	18.1)	77.3)	31.1)	10.9)	72.3)	25.7)	10.8)	76.7)	29.1)	18.3)	74.2)	28.4)
Tuvalu	28.3 (6.5,	57.0 (31.6,	14.7 (0.0,	7.9 (5.1,	55.6 (50.4,	36.5 (31.5,	2.1 (0.0,	59.7 (44.9,	38.2 (23.5,	10.7 (0,	56.2 (36.2,	33.1 (14.0,
	50.1)	82.4)	36.2)	10.8)	60.7)	41.5)	6.2)	74.5)	52.9)	22.9)	76.3)	52.2)
Vanuatu	19.5 (0.0,	61.8 (20.4,	18.7 (0.0,	18.7 (14.7,	61.3 (52.7,	20.1 (13.3,	15.7 (1.9,	61.9 (42.7,	22.4 (13.4,	17.5 (0.0,	59.5 (34.4,	23.0 (18.4,
	41.5)	100.0)	38.8)	22.6)	69.8)	26.9)	29.5)	81.2)	31.4)	44.7)	84.6)	27.7)
Vietnam	2.5 (1.7,	95.0 (93.5,	2.5 (1.8,	3.6 (2.5,	95.5 (94.3,	0.9 (0.5,	1.1 (0.0,	97.5 (95.6,	1.4 (1.1,	5.6 (2.5,	93.4 (88.1,	1.0 (0.0,
	3.4)	96.5)	3.2)	4.7)	96.6)	1.3)	2.9)	99.3)	1.7)	8.8)	98.7)	3.4)
Wallis and Futuna	13.3 (0.0,	69.4 (45.0,	17.3 (0.0,	8.9 (6.3,	75.4 (71.0,	15.7 (11.5,	12.0 (4.1,	65.6 (55.0,	22.4 (12.3,	9.2 (0.0,	74.6 (56.1,	16.2 (3.7,
	29.6)	93.9)	35.4)	11.5)	79.8)	19.9)	19.9)	76.2)	32.4)	20.1)	93.1)	28.7)
<b>Pooled estimates</b>	<b>4.9 (3.2,</b>	<b>80.0 (74.6,</b>	<b>11.3 (7.8,</b>	<b>7.9 (6.5,</b>	<b>77.3 (73.3,</b>	<b>13.6 (10.8,</b>	<b>5.7 (4.0,</b>	<b>78.1 (73.0,</b>	<b>10.0 (8.0,</b>	<b>5.7 (3.8,</b>	<b>80.4 (75.5,</b>	<b>11.5 (8.1,</b>
	<b>6.5)</b>	<b>85.4)</b>	<b>14.8)</b>	<b>9.4)</b>	<b>81.4)</b>	<b>16.3)</b>	<b>7.4)</b>	<b>83.3)</b>	<b>12.1)</b>	<b>7.6)</b>	<b>85.4)</b>	<b>14.9)</b>

<b>I<sup>2</sup> (%)</b>	<b>74.9</b>	<b>96.1</b>	<b>89.1</b>	<b>95.9</b>	<b>98.7</b>	<b>98.7</b>	<b>77.3</b>	<b>95.2</b>	<b>95.2</b>	<b>76.3</b>	<b>89.3</b>	<b>91.6</b>
<b>Total</b>												
<b>Pooled</b>	<b>7.3 (4.2,</b>	<b>80.1 (72.4,</b>	<b>9.4 (4.3,</b>	<b>8.3 (5.1,</b>	<b>81.9 (75.7,</b>	<b>9.1 (5.5,</b>	<b>7.8 (4.1,</b>	<b>82.4 (74.9,</b>	<b>7.7 (3.8,</b>	<b>6.2 (3.2,</b>	<b>82.7 (76.4,</b>	<b>8.5 (5.1,</b>
<b>estimates</b>	<b>10.4)</b>	<b>87.9)</b>	<b>14.4)</b>	<b>11.4)</b>	<b>88.2)</b>	<b>12.6)</b>	<b>11.4)</b>	<b>89.9)</b>	<b>11.6)</b>	<b>9.3)</b>	<b>88.9)</b>	<b>11.9)</b>
<b>I<sup>2</sup> (%)</b>	<b>88.0</b>	<b>90.8</b>	<b>93.1</b>	<b>93.3</b>	<b>95.3</b>	<b>93.2</b>	<b>93.1</b>	<b>95.1</b>	<b>93.5</b>	<b>89.9</b>	<b>88.9</b>	<b>86.3</b>