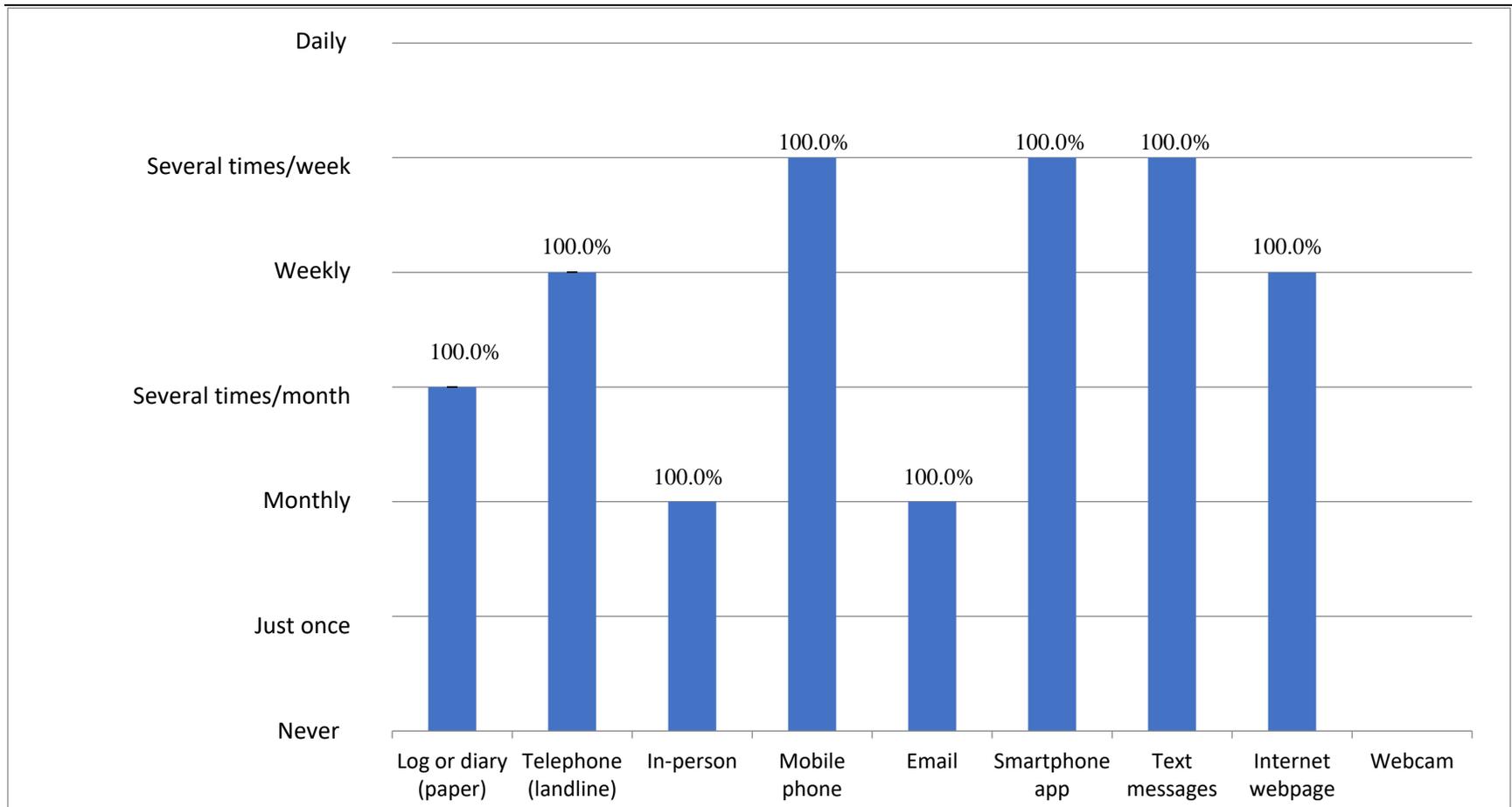


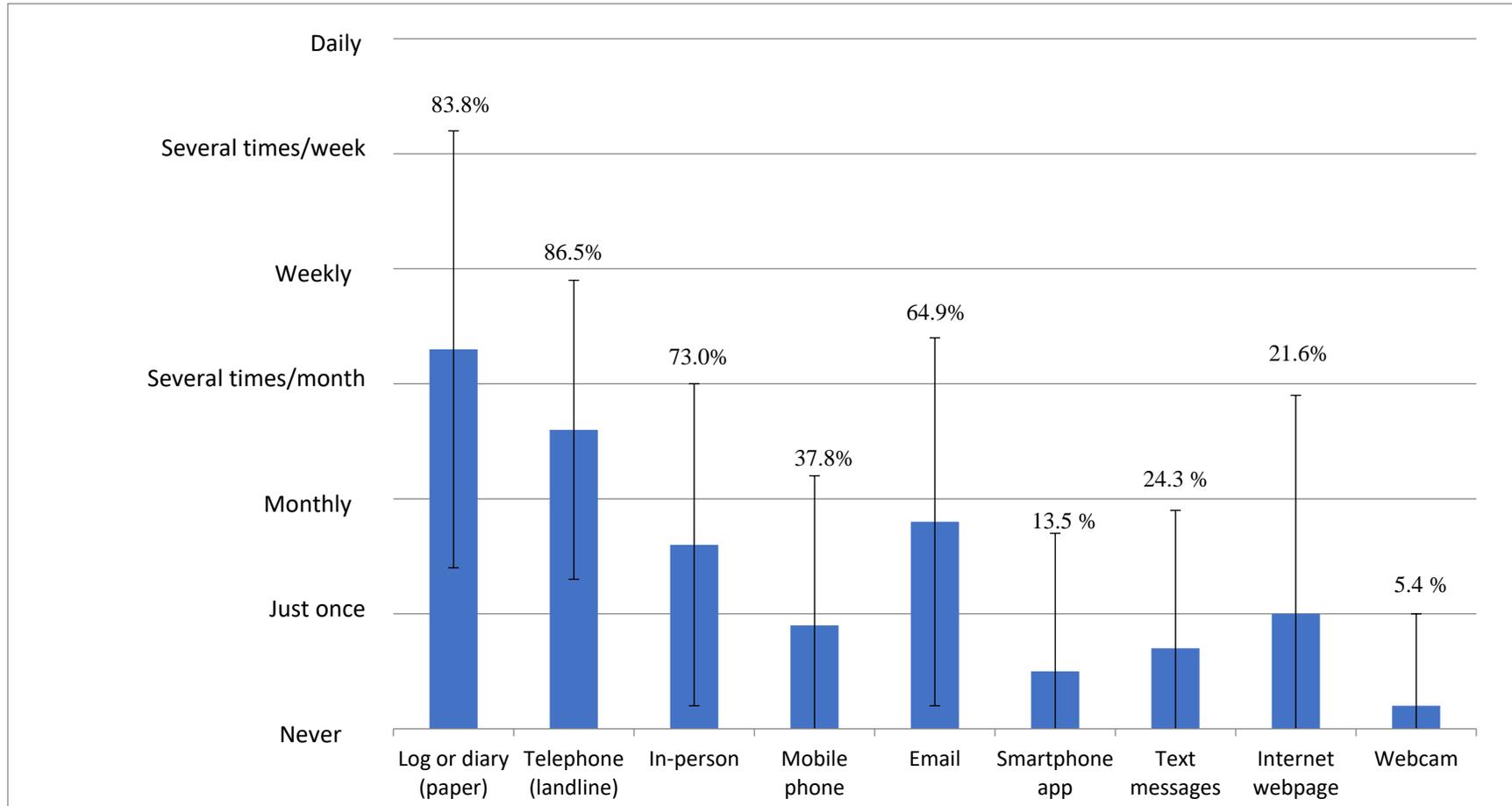
Figure S1: Forms of Communication in Home-Based Programs and Their Frequency of Use in the African region (N=1)



*no whiskers because only one respondent.

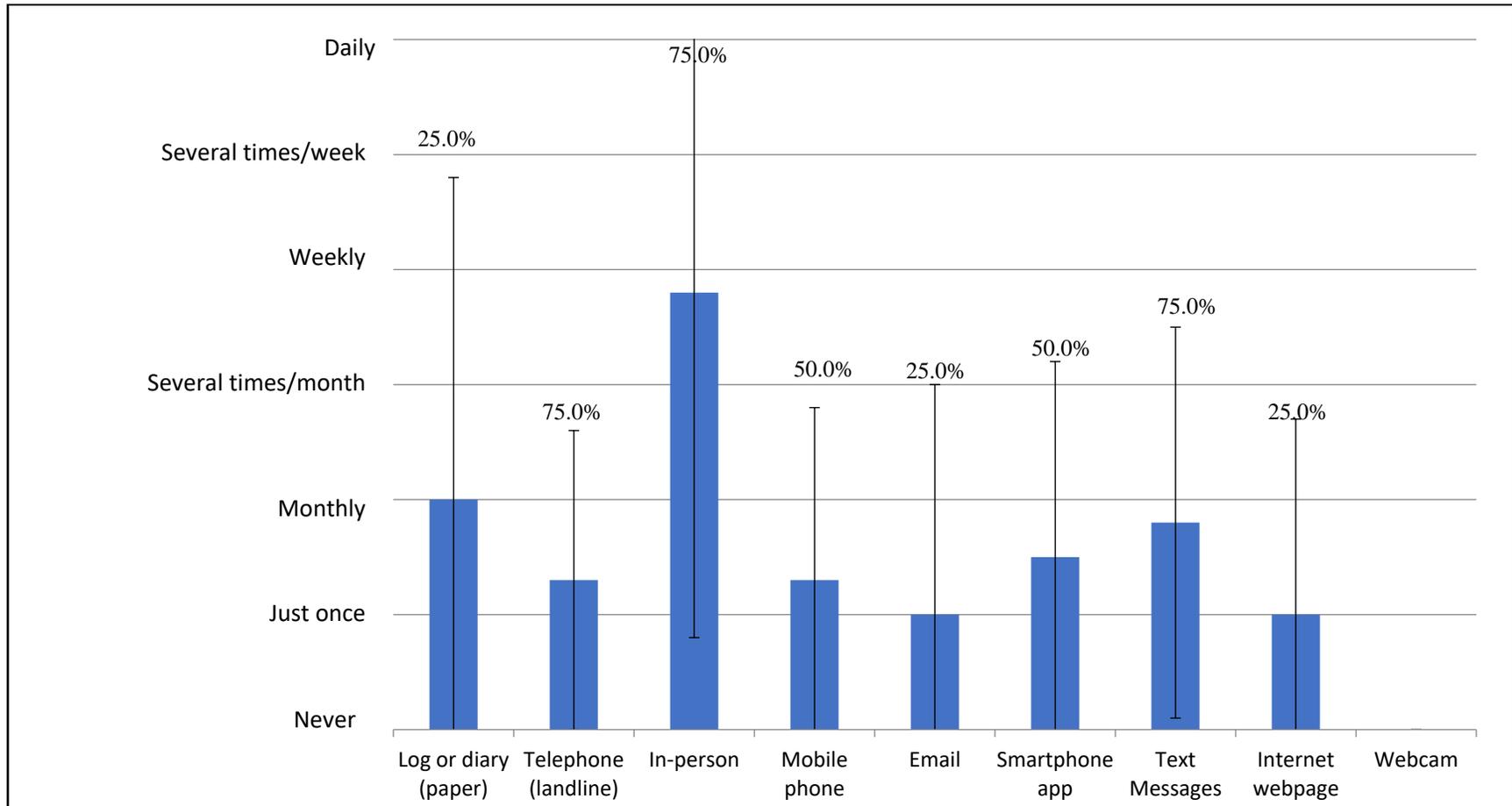
The percentages reflect the number of home-based programs that use this form of communication.

Figure S2 : Forms of Communication in Home-Based Programs and Their Frequency of Use in the Americas (N=37)



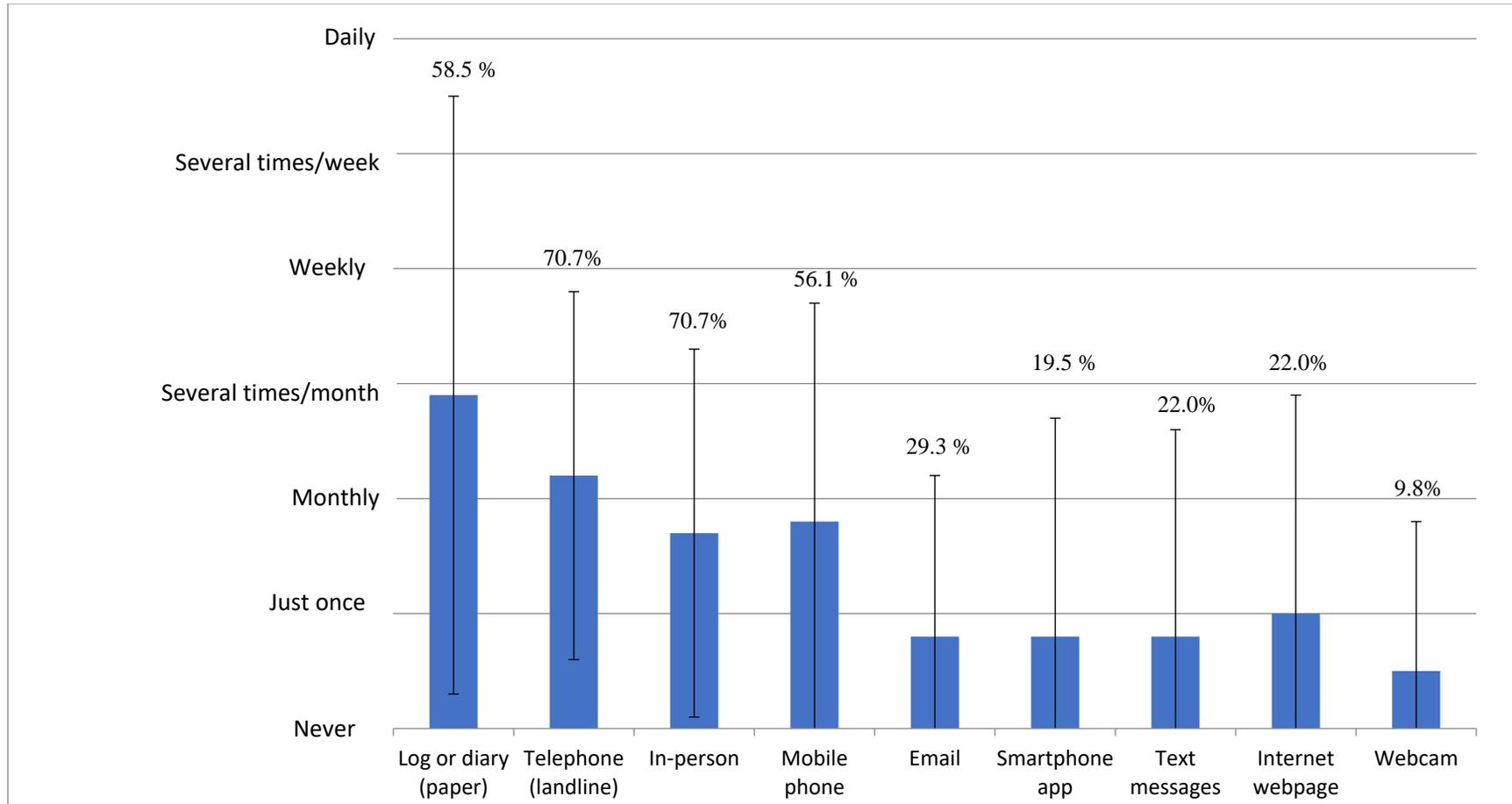
*whiskers represent standard deviations of each form of communication.
 The percentages reflect the number of home-based programs that use this form of communication.

Figure S3: Forms of Communication in Home-Based Programs and Their Frequency of Use in the Eastern Mediterranean Region (N=4)



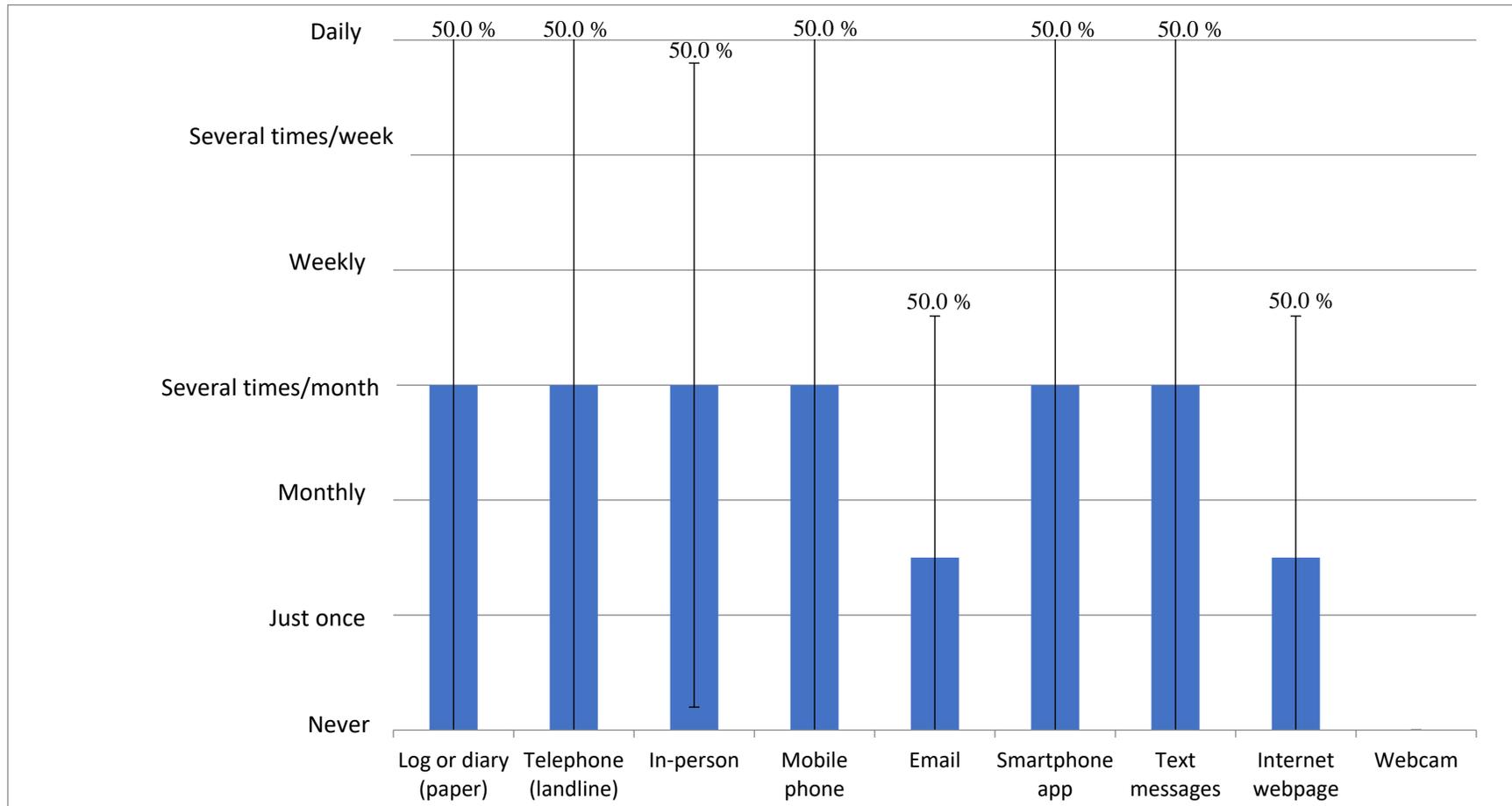
*whiskers represent standard deviations of each form of communication
 The percentages reflect the number of home-based programs that use this form of communication.

Figure S4: Forms of Communication in Home-Based Programs and Their Frequency of Use in Europe (N=41)



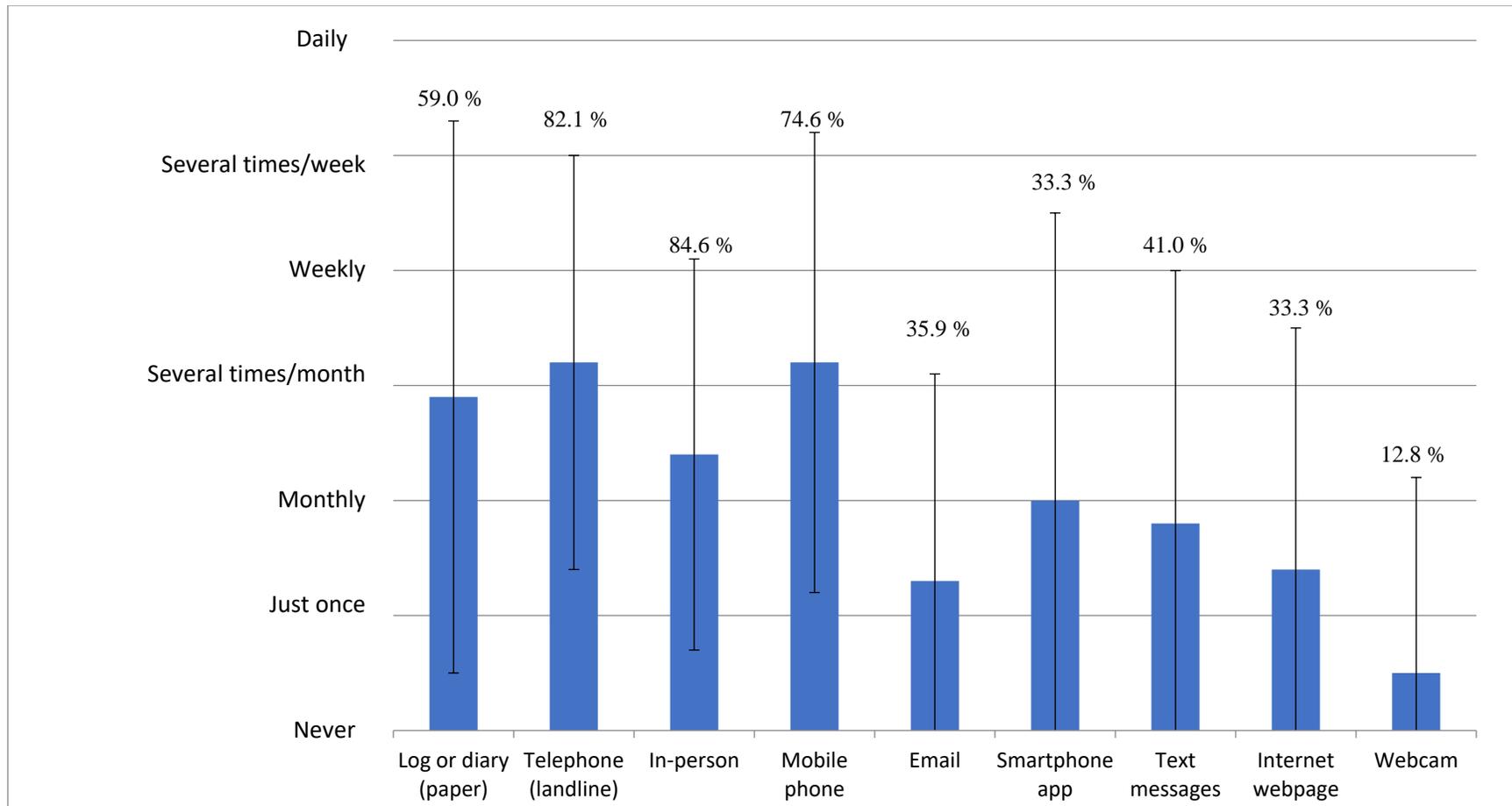
*whiskers represent standard deviations of each form of communication.
 The percentages reflect the number of home-based programs that use this form of communication.

Figure S5: Forms of Communication in Home-Based Programs and Their Frequency of Use in the South-East Asia Region (N=2)



*whiskers represent standard deviations of each form of communication.
 The percentages reflect the number of home-based programs that use this form of communication.

Figure S6: Forms of Communication in Home-Based Programs and Their Frequency of Use in the Western Pacific region (N=39)



*whiskers represent standard deviations of each form of communication.
 The percentages reflect the number of home-based programs that use this form of communication.

Table S1: Delivery of alternative cardiac rehabilitation models by country

World Health Organization Region	n	Offers Supervised CR	Offers Home-Based CR	Proportion Pts Served (%)	Home-based duration (wks)	Offers Community-Based CR	Alt. Models Reimbursed
Country							
African							
Algeria	1	-	1 (100.0%)	-	-	1 (100.0%)	-
Kenya	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Mauritius	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Nigeria	1	1 (100.0%)	-	-	-	-	0 (0.0%)
South Africa	14	13 (92.9%)	1 (7.1%)	20.0±0.0	16.0±0.0	0 (0.0%)	2 (14.3%)
<i>Regional Average</i>	<i>18</i>	<i>16 (88.9%)</i>	<i>2 (11.1%)</i>	<i>20.0±0.0</i>	<i>16.0±0.0</i>	<i>1 (5.6%)</i>	<i>2 (11.1%)</i>
Americas							
Argentina	3	3 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
Barbados	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Bermuda	1	1 (100.0%)	1 (100.0%)	10.0±0.0	24.0±0.0	0 (0.0%)	1 (100.0%)
Brazil	30	23 (76.7%)	5 (16.7%)	23.3±23.1	38.0±13.1	1 (3.3%)	2 (6.7%)
Canada	57	46 (80.7%)	27 (47.4%)	14.8±17.8	21.8±16.5	13 (22.8%)	14 (24.6%)
Chile	1	1 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
Colombia	48	48 (100.0%)	-	-	-	-	0 (0.0%)
Costa Rica	6	6 (100.0%)	1 (16.7%)	30.0±0.0	12.0±0.0	2 (33.3%)	2 (33.3%)
Cuba	8	7 (87.5%)	2 (25.0%)	35.0±7.1	36.0±0.0	5 (83.3%)	6 (75.0%)
Curacao	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Dominican Republic	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Ecuador	2	2 (100.0%)	-	-	-	-	0 (0.0%)
Guatemala	2	2 (100.0%)	1 (50.0%)	-	12.0±0.0	0 (0.0%)	1 (50.0%)
Honduras	1	1 (100.0%)	-	-	-	-	0 (0.0%)

Jamaica	1	1 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	1 (100.0%)
Mexico	9	9 (100.0%)	1 (11.1%)	50.0±0.0	8.0±0.0	0 (0.0%)	1 (11.1%)
Panama	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Paraguay	3	3 (100.0%)	2 (66.7%)	40.0±0.0	36.0±0.0	0 (0.0%)	1 (33.3%)
Peru	7	7 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
United States of America	65	55 (84.6%)	0 (0.0%)	-	-	0 (0.0%)	1 (1.5%)
Uruguay	5	5 (100.0%)	-	-	-	-	0 (0.0%)
Venezuela	8	7 (87.5%)	1 (12.5%)	9.0±0.0	12.0±0.0	0 (0.0%)	0 (0.0%)
<i>Regional Average</i>	<i>261</i>	<i>231 (88.5%)</i>	<i>41 (15.7%)</i>	<i>18.7±18.3</i>	<i>23.2±15.7</i>	<i>21 (8.0%)</i>	<i>30 (11.5%)</i>
Eastern Mediterranean							
Afghanistan	1	0 (0.0%)	-	-	-	-	0 (0.0%)
Bahrain	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Egypt	2	0 (0.0%)	-	-	-	-	0 (0.0%)
Iran	14	12 (85.7%)	5 (35.7%)	12.5±15.7	9.8±3.2	1 (7.1%)	3 (21.4%)
Lebanon	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Morocco	1	0 (0.0%)	-	-	-	-	1 (100.0%)
Pakistan	2	2 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
Qatar	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Tunisia	1	1 (100.0%)	-	-	-	-	0 (0.0%)
<i>Regional Average</i>	<i>24</i>	<i>18 (75.0%)</i>	<i>5 (20.8%)</i>	<i>12.5±15.7</i>	<i>9.8±3.2</i>	<i>1 (4.2%)</i>	<i>4 (16.7%)</i>
Europe							
Austria	5	5 (100.0%)	0 (0.0%)	-	-	1 (20.0%)	1 (20.0%)
Belarus	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Belgium	9	7 (77.8%)	1 (11.1%)	2.0±0.0	12.0±0.0	2 (22.2%)	2 (22.2%)
Bosnia and Herzegovina	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Bulgaria	1	1 (100.0%)	-	-	-	-	0 (0.0%)

Croatia	3	2 (66.7%)	-	-	-	-	1 (33.3%)
Czech Republic	6	4 (66.6%)	3 (60.0%)	-	11.0±1.4	0 (0.0%)	0 (0.0%)
Denmark	8	6 (75.0%)	1 (12.5%)	10.0±0.0	12.0±0.0	0 (0.0%)	3 (60.0%)
England	57	43 (75.4%)	17 (29.8%)	7.7±10.1	12.4±14.7	17 (29.8%)	13 (22.8%)
Estonia	2	1 (50.0%)	2 (100.0%)	5.0±0.0	12.0±0.0	0 (0.0%)	0 (0.0%)
Finland	11	3 (27.3%)	-	-	-	-	3 (27.3%)
France	16	11 (68.8%)	0 (0.0%)	-	-	1 (6.3%)	0 (0.0%)
Georgia	13	6 (46.2%)	1 (7.7%)	25.0±0.0	10.0±0.0	1 (7.7%)	1 (7.7%)
Germany	34	25 (73.5%)	0 (0.0%)	-	-	1 (2.9%)	6 (17.6%)
Greece	4	4 (100.0%)	-	-	-	-	0 (0.0%)
Hungary	20	15 (75.0%)	1 (5.0%)	10.0±0.0	6.0±0.0	2 (10.0%)	1 (5.0%)
Iceland	4	3 (75.0%)	0 (0.0%)	-	-	0 (0.0%)	1 (25.0%)
Ireland	7	5 (71.4%)	2 (28.6%)	-	-	1 (14.3%)	2 (28.6%)
Israel	6	5 (83.3%)	-	-	-	-	0 (0.0%)
Italy	70	51 (72.9%)	3 (4.3%)	18.3±12.6	6.0±0.0	6 (8.6%)	6 (8.6%)
Kazakhstan	1	-	1 (100.0%)	-	-	1 (100.0%)	-
Latvia	1	0 (0.0%)	-	-	-	-	0 (0.0%)
Lithuania	9	4 (44.4%)	-	-	-	-	0 (0.0%)
Macedonia	1	0 (0.0%)	-	-	-	-	0 (0.0%)
Malta	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Netherlands	29	11 (37.9%)	2 (6.9%)	15.0±14.1	26.0±0.0	1 (3.4%)	3 (10.3%)
Northern Ireland	10	10 (100.0%)	4 (40.0%)	-	-	0 (0.0%)	0 (0.0%)
Poland	21	10 (47.6%)	0 (0.0%)	-	-	0 (0.0%)	2 (9.5%)
Portugal	21	17 (81.0%)	1 (4.8%)	1.0±0.0	-	0 (0.0%)	0 (0.0%)
Republic of Moldova	1	0 (0.0%)	1 (100.0%)	10.0±0.0	12.0±0.0	0 (0.0%)	0 (0.0%)
Romania	2	2 (100.0%)	-	-	-	-	0 (0.0%)

Russian Federation	3	1 (33.3%)	-	-	-	-	1 (33.3%)
Scotland	24	19 (79.2%)	12 (50.0%)	17.1±9.9	9.2±2.3	8 (33.3%)	1 (4.2%)
Serbia	2	1 (50.0%)	-	-	-	-	0 (0.0%)
Slovak Republic	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Slovenia	2	2 (100.0%)	-	-	-	-	0 (0.0%)
Spain	47	41 (87.2%)	6 (12.8%)	24.0±17.8	8.0±0.0	4 (8.5%)	8 (17.0%)
Sweden	1	1 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
Switzerland	4	2 (50.0%)	-	-	-	-	0 (0.0%)
Turkey	9	7 (77.8%)	-	-	-	-	0 (0.0%)
Wales	16	14 (87.5%)	4 (25.0%)	5.5±6.4	12.0±5.7	8 (50.0%)	1 (6.3%)
<i>Regional Average</i>	<i>484</i>	<i>343 (70.9%)</i>	<i>62 (12.8%)</i>	<i>12.9±11.8</i>	<i>10.8±7.9</i>	<i>54 (11.2%)</i>	<i>56 (11.6%)</i>
South-East Asia							
Bangladesh	1	1 (100.0%)	0 (0.0%)	-	-	0 (0.0%)	0 (0.0%)
India	18	13 (72.2%)	2 (11.1%)	55.0±35.4	-	0 (0.0%)	1 (5.6%)
Indonesia	10	9 (90.0%)	0 (0.0%)	-	-	1 (10.0%)	0 (0.0%)
Nepal	1	1 (100.0%)	-	-	-	-	0 (0.0%)
Sri Lanka	2	2 (100.0%)	-	-	-	-	0 (0.0%)
<i>Regional Average</i>	<i>32</i>	<i>26 (81.3%)</i>	<i>2 (6.3%)</i>	<i>55.0±35.4</i>	<i>-</i>	<i>1 (3.1%)</i>	<i>1 (3.1%)</i>
Western-Pacific							
Australia	85	71 (83.5%)	22 (25.9%)	16.7±13.8	8.4±9.2	10 (11.8%)	19 (22.3%)
Brunei Darussalam	2	2 (100.0%)	-	-	-	-	0 (0.0%)
China	83	70 (84.3%)	14 (16.9%)	57.7±30.1	7.9±7.2	6 (7.2%)	4 (4.8%)
Japan	9	6 (66.7%)	1 (11.1%)	10.0±0.0	4.0±0.0	3 (33.3%)	3(33.3%)
Malaysia	4	3 (75.0%)	2 (50.0%)	20.0±0.0	8.0±5.7	1 (25.0%)	0 (0.0%)
Mongolia	1	1 (100.0%)	-	-	-	-	-

New Zealand	27	22 (81.5%)	7 (25.9%)	10.0±0.0	10.0±12.1	11 (40.7%)	6 (22.2%)
Philippines	10	10 (100.0%)	1 (10.0%)	15.0±0.0	-	0 (0.0%)	0 (0.0%)
Singapore	7	7 (100.0%)	-	-	-	-	1 (14.3%)
South Korea	12	12 (100.0%)	5 (41.7%)	60.0±35.2	10.0±4.0	0 (0.0%)	4 (25.0%)
Taiwan	23	17 (73.9%)	2 (8.7%)	27.5±31.8	16.0±5.7	0 (0.0%)	0 (0.0%)
<i>Regional Average</i>	263	221 (84.0%)	54 (20.5%)	35.6±30.8	9.1±7.2	31 (11.8%)	37 (14.1%)
Global Average	1082	855 (79.0%)	166 (15.3%)	21.4±22.8	14.5±12.4	109 (10.1%)	130 (12.0%)

- no response

Abbreviations: pts=patients; wks=weeks; Alt=alternative.

Acronyms: CR=cardiac rehabilitation

Table S2: Patient Education in Supervised Cardiac Rehabilitation by country

World Health Organization Region	n	Number education sessions offered to patients per program	Education session duration (min.)	Total Education Dose (min.)
Country				
Mean \pm std. deviation				
African				
Algeria	1	-	-	
Kenya	1	2.0 \pm 0.0	20.0 \pm 0.0	40.0
Mauritius	1	-	35.0 \pm 0.0	-
Nigeria	1	12.0 \pm 0.0	45.0 \pm 0.0	540.0
South Africa	14	13.0 \pm 12.0	30.5 \pm 16.9	396.5
<i>Regional Mean</i>	<i>18</i>	<i>12.1\pm11.3</i>	<i>31.1\pm15.7</i>	<i>376.3</i>
Americas				
Argentina	3	3.0 \pm 0.0	52.5 \pm 10.6	157.6
Barbados	1	2.0 \pm 0.0	15.0 \pm 0.0	30.0
Bermuda	1	7.0 \pm 0.0	120.0 \pm 0.0	840.0
Brazil	30	6.0 \pm 10.5	45.1 \pm 29.6	270.6
Canada	57	11.6 \pm 11.6	62.6 \pm 30.8	
Chile	1	4.0 \pm 0.0	60.0 \pm 0.0	240.0
Colombia	48	6.0 \pm 6.7	49.1 \pm 31.3	294.6
Costa Rica	6	11.7 \pm 7.1	35.0 \pm 18.2	409.5
Cuba	8	12.0 \pm 10.2	37.5 \pm 17.3	450.0
Curacao	1	-	30.0 \pm 0.0	-
Dominican Republic	1	12.0 \pm 0.0	30.0 \pm 0.0	360.0
Ecuador	2	10.0 \pm 7.1	34.0 \pm 15.6	340.0
Guatemala	2	11.0 \pm 1.4	40.0 \pm 28.3	440.0
Honduras	1	2.0 \pm 0.0	30.0 \pm 0.0	60.0
Jamaica	1	-	-	-
Mexico	9	8.1 \pm 8.1	34.4 \pm 20.5	278.6
Panama	1	-	0.0 \pm 0.0	-
Paraguay	3	5.0 \pm 0.0	15.0 \pm 5.0	75.0
Peru	7	12.8 \pm 6.2	75.4 \pm 34.9	965.1
United States of America	65	14.6 \pm 12.2	42.1 \pm 29.4	614.7
Uruguay	5	3.7 \pm 0.6	44.0 \pm 31.3	162.8
Venezuela	8	10.4 \pm 3.4	46.9 \pm 12.5	487.8
<i>Regional Mean</i>	<i>261</i>	<i>9.9\pm11.1</i>	<i>48.4\pm30.2</i>	<i>479.2</i>
Eastern Mediterranean				

Afghanistan	1	-	120.0±0.0	-
Bahrain	1	11.0±0.0	30.0±0.0	330.0
Egypt	2	1.0±0.0	15.0±0.0	15.0
Iran	14	6.0±5.5	40.4±20.9	240.0
Lebanon	1	20.0±0.0	90.0±0.0	1800.0
Morocco	1	20.0±0.0	45.0±0.0	900.0
Pakistan	2	4.5±0.7	70.0±70.7	315.0
Qatar	1	3.0±0.0	30.0±0.0	90.0
Tunisia	1	5.0±0.0	20.0±0.0	100.0
<i>Regional Mean</i>	<i>24</i>	<i>7.1±6.4</i>	<i>46.4±32.3</i>	<i>329.4</i>
Europe				
Austria	5	36.8±62.2	68.8±44.2	2531.8
Belarus	1	-	-	-
Belgium	9	10.7±15.3	98.6±28.5	1055.0
Bosnia and Herzegovina	1	1.0±0.0	45.0±0.0	45.0
Bulgaria	1	2.0±0.0	10.0±0.0	20.0
Croatia	3	12.3±4.6	43.3±2.9	532.6
Czech Republic	6	4.2±4.6	22.0±22.6	92.4
Denmark	8	6.4±4.0	111.0±77.7	710.4
England	57	7.6±5.0	56.4±50.1	428.6
Estonia	2	2.0±0.0	30.0±0.0	60.0
Finland	11	18.0±18.4	82.5±21.2	1485.0
France	16	9.8±5.4	55.4±16.3	542.9
Georgia	13	8.4±6.8	20.0±8.4	168.0
Germany	34	20.6±30.7	54.5±41.0	1122.7
Greece	4	5.0±4.1	13.8±12.5	69.0
Hungary	20	8.3±6.1	36.3±13.1	301.3
Iceland	4	7.3±3.7	51.3±16.0	374.5
Ireland	7	12.6±3.0	58.5±3.4	737.1
Israel	6	1.8±0.8	54.0±25.1	97.2
Italy	70	6.9±7.4	48.5±26.1	334.7
Kazakhstan	1	-	-	-
Latvia	1	3.0±0.0	30.0±0.0	90.0
Lithuania	9	6.3±5.5	49.2±50.2	94.5
Macedonia	1	2.5±0.0	15.0±0.0	37.5
Malta	1	5.0±0.0	60.0±0.0	300.0

Netherlands	29	5.6±3.2	69.2±36.1	387.5
Northern Ireland	10	8.1±2.3	43.0±8.6	348.3
Poland	21	5.0±4.1	36.0±11.3	180.0
Portugal	21	13.7±11.5	56.1±21.2	768.6
Republic of Moldova	1	10.0±0.0	30.0±0.0	300.0
Romania	2	10.0±0.0	27.5±3.5	275.0
Russian Federation	3	0.0±0.0	0.0±0.0	-
Scotland	24	6.3±3.3	42.0±17.3	894.6
Serbia	2	5.5±3.5	60.0±0.0	330.0
Slovak Republic	1	2.0±0.0	45.0±0.0	90.0
Slovenia	2	56.0±62.2	37.5±31.8	2100.0
Spain	47	9.5±7.2	51.2±15.3	486.4
Sweden	1	-	60.0±0.0	-
Switzerland	4	12.0±0.0	45.0±0.0	540.0
Turkey	9	16.3±12.9	33.8±20.3	550.9
Wales	16	7.6±4.3	53.6±24.1	407.4
<i>Regional Mean</i>	<i>484</i>	<i>9.6±13.5</i>	<i>51.2±32.4</i>	<i>491.5</i>
South-East Asia				
Bangladesh	1	5.0±0.0	20.0±0.0	100.0
India	18	3.9±3.0	24.3±11.3	94.7
Indonesia	10	1.9±1.8	24.1±18.0	45.8
Nepal	1	6.0±0.0	60.0±0.0	360.0
Sri Lanka	2	8.0±0.0	45.0±21.2	360.0
<i>Regional Mean</i>	<i>32</i>	<i>3.5±2.9</i>	<i>25.8±13.6</i>	<i>90.3</i>
Western Pacific				
Australia	85	7.8±3.6	54.2±15.0	422.8
Brunei Darussalam	2	14.0±2.8	67.5±10.6	945.0
China	83	4.2±5.4	31.7±21.1	133.1
Japan	9	5.2±7.3	38.6±16.8	200.7
Malaysia	4	5.3±3.1	35.0±8.7	185.5
Mongolia	1	-	-	-
New Zealand	27	5.8±2.4	72.3±29.9	419.3
Philippines	10	5.4±3.7	29.0±13.7	156.6
Singapore	7	4.4±4.0	38.6±24.3	169.8

South Korea	12	3.0±3.0	23.3±6.2	69.,9
Taiwan	23	7.6±12.0	22.9±16.3	174.0
<i>Regional Mean</i>	263	5.0±5.6	42.4±24.4	212.0
Global Mean	1082	8.5±10.8	47.0±29.7	399.5

- no response

Abbreviations: std=standard; min=minimum.