

## Annex: Bangladesh quantitative data results: key outcome statistics

| Table 1: Sample Description - Chittagong & Sylhet |             |             |
|---|-------------|-------------|
| Subgroup  | N           | Percent     |
| Girls   | 1200        | 54%         |
| Boys  | 1020        | 46%         |
| Rural   | 1272        | 57%         |
| Urban   | 948         | 43%         |
| Sylhet Division                                   | 552         | 25%         |
| Chittagong Division                               | 1668        | 75%         |
| <b>Total Sample</b>                               | <b>2220</b> | <b>100%</b> |
| Subpopulations of interest                        |             |             |
| Adolescents with a functional disability          | 25          | 1%          |
| Ever-married                                      | 0           | 0%          |

*Note: This table presents variables drawn from the GAGE Chittagong & Sylhet baseline survey, conducted in February-March 2020. The sample included 2,280 adolescents enrolled in Grade 7 or Grade 8 at 109 schools in Chittagong and Sylhet divisions, Bangladesh. Where possible, we also interviewed the adult female caregivers of these adolescents (n=2,214).*

**Table 2: Key Outcome Statistics - Chittagong & Sylhet**

|  | Overall | Gender |       |                      | Location - Division |            |                      | Location - Urban/Rural |       |                      | Disability Status |                      |                      |
|--|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|  |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Education</b>   |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescents currently enrolled in formal school  | 1.000   | 1.000  | 1.000 | --                   | 1.000               | 1.000      | --                   | 1.000                  | 1.000 | --                   | 1.000             | 1.000                | --                   |
| Percentage of days missed in last 2 weeks (among in-school students)   | 0.096   | 0.097  | 0.095 | 0.669                | 0.135               | 0.081      | 0.003                | 0.097                  | 0.094 | 0.957                | 0.073             | 0.096                | 0.454                |
| Adolescents who missed 1 whole week consecutive of school or more in last year (among in-school students)                    | 0.194   | 0.195  | 0.194 | 0.927                | 0.231               | 0.178      | 0.093                | 0.207                  | 0.184 | 0.423                | 0.057             | 0.196                | 0.002                |
| ASER Reading Score   | 3.893   | 3.903  | 3.887 | 0.415                | 3.883               | 3.898      | 0.613                | 3.856                  | 3.922 | 0.005                | 3.871             | 3.894                | 0.779                |
| Percentage with maximum ASER Reading score   | 0.919   | 0.925  | 0.915 | 0.514                | 0.914               | 0.921      | 0.760                | 0.895                  | 0.938 | 0.010                | 0.924             | 0.919                | 0.917                |
| ASER Math Score  | 3.391   | 3.478  | 3.330 | 0.002                | 3.369               | 3.401      | 0.754                | 3.235                  | 3.512 | 0.000                | 3.153             | 3.394                | 0.168                |
| Percentage with maximum ASER Math Score  | 0.545   | 0.600  | 0.507 | 0.006                | 0.534               | 0.550      | 0.822                | 0.446                  | 0.622 | 0.000                | 0.402             | 0.547                | 0.283                |
| <b>Education during COVID-19<sup>1</sup></b>   |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Percentage of in-school adolescents whose school provided learning support during school closures                            | 0.113   | 0.112  | 0.114 | 0.940                | 0.127               | 0.107      | 0.578                | 0.083                  | 0.135 | 0.046                | 0.023             | 0.114                | 0.001                |
| Percentage of students whose school provided learning support that offered online learning                                   | 0.443   | 0.486  | 0.415 | 0.220                | 0.630               | 0.345      | 0.133                | 0.159                  | 0.578 | 0.000                | 0.000             | 0.444                | 0.038                |
| Percentage of in-school adolescents whose family is providing support for learning during school closures                    | 0.926   | 0.931  | 0.923 | 0.403                | 0.943               | 0.919      | 0.049                | 0.898                  | 0.948 | 0.001                | 0.927             | 0.926                | 0.887                |
| Percentage of in-school adolescents with family support whose family is providing a device with internet access for learning | 0.026   | 0.013  | 0.035 | 0.022                | 0.020               | 0.028      | 0.370                | 0.016                  | 0.033 | 0.075                | 0.000             | 0.026                | 0.001                |

**Table 2: Key Outcome Statistics - Chittagong & Sylhet**

|  | Overall | Gender |       |                      | Location - Division |            |                      | Location - Urban/Rural |       |                      | Disability Status |                      |                      |
|--|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|  |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Violence</b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescents who have experienced violence at home in the last 12 months  | 0.635   | 0.688  | 0.597 | 0.009                | 0.493               | 0.696      | 0.000                | 0.621                  | 0.645 | 0.457                | 0.383             | 0.637                | 0.061                |
| Adolescents who have experienced or witnessed violence at home in the last 12 months                           | 0.652   | 0.697  | 0.620 | 0.027                | 0.501               | 0.717      | 0.000                | 0.648                  | 0.655 | 0.782                | 0.383             | 0.654                | 0.044                |
| Adolescents who have experienced violence at school (i.e., corporal punishment, among in-school students only) | 0.505   | 0.622  | 0.422 | 0.000                | 0.326               | 0.582      | 0.000                | 0.559                  | 0.463 | 0.039                | 0.480             | 0.505                | 0.969                |
| Adolescents who feel safe walking in community during the day  | 0.888   | 0.922  | 0.863 | 0.007                | 0.926               | 0.871      | 0.007                | 0.890                  | 0.886 | 0.928                | 0.949             | 0.887                | 0.154                |
| Adolescents who feel safe walking in community at night  | 0.250   | 0.316  | 0.201 | 0.000                | 0.311               | 0.222      | 0.007                | 0.236                  | 0.261 | 0.316                | 0.032             | 0.252                | 0.000                |

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|  | Overall | Gender |       |                      | Location - Division |            |                      | Location - Urban/Rural |       |                      | Disability Status |                      |                      |
|--|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|  |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Health</b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescents self-reporting good or very good health            | 0.837   | 0.829  | 0.842 | 0.510                | 0.848               | 0.832      | 0.476                | 0.845                  | 0.831 | 0.506                | 0.711             | 0.838                | 0.194                |
| Adolescents who experienced hunger in that last four weeks     | 0.027   | 0.027  | 0.027 | 0.994                | 0.021               | 0.030      | 0.363                | 0.031                  | 0.024 | 0.476                | 0.112             | 0.026                | 0.189                |
| Adolescent can correctly name a modern method of birth control | 0.099   | 0.060  | 0.126 | 0.000                | 0.089               | 0.103      | 0.485                | 0.117                  | 0.085 | 0.160                | 0.124             | 0.099                | 0.550                |
| Adolescent has a source of information about puberty           | 0.972   | 0.940  | 0.993 | 0.001                | 0.963               | 0.975      | 0.326                | 0.971                  | 0.972 | 0.920                | 0.939             | 0.972                | 0.526                |

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|   | Overall | Gender |       |                      | Location - Division |            |                      | Location - Urban/Rural |       |                      | Disability Status |                      |                      |
|---|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|   |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>PSS</b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| PHQ-9 Score (0-27)  | 2.664   | 2.418  | 2.835 | 0.007                | 2.477               | 2.744      | 0.146                | 2.574                  | 2.733 | 0.383                | 3.318             | 2.657                | 0.171                |
| Adolescents scoring in range for clinical depression (based on PHQ-9 score) | 0.017   | 0.007  | 0.023 | 0.012                | 0.022               | 0.014      | 0.390                | 0.016                  | 0.017 | 0.954                | 0.023             | 0.016                | 0.763                |
| Adolescent has a trusted friend   | 0.898   | 0.909  | 0.891 | 0.311                | 0.879               | 0.907      | 0.186                | 0.914                  | 0.886 | 0.085                | 0.965             | 0.898                | 0.030                |
| Adolescent feels comfortable expressing opinion to friends                  | 0.892   | 0.839  | 0.929 | 0.000                | 0.866               | 0.903      | 0.090                | 0.891                  | 0.892 | 0.941                | 0.716             | 0.893                | 0.241                |
| Adolescent is a member of a group (such as a club, etc.)                    | 0.132   | 0.144  | 0.123 | 0.255                | 0.152               | 0.123      | 0.253                | 0.146                  | 0.121 | 0.298                | 0.071             | 0.132                | 0.250                |
| Adolescent participates in a physical sport                                 | 0.027   | 0.036  | 0.021 | 0.155                | 0.032               | 0.025      | 0.427                | 0.038                  | 0.019 | 0.046                | 0.022             | 0.027                | 0.840                |

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|--|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|  |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Voice and Agency</b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescent leaves the community at least weekly                                | 0.656   | 0.675  | 0.642 | 0.293                | 0.781               | 0.601      | 0.000                | 0.604                  | 0.695 | 0.062                | 0.675             | 0.655                | 0.963                |
| Adolescent has at least some say in time spent helping at home/doing housework | 0.896   | 0.879  | 0.908 | 0.153                | 0.939               | 0.878      | 0.001                | 0.876                  | 0.911 | 0.095                | 0.731             | 0.898                | 0.263                |
| Adolescent has at least some say in what to do in his/her free time            | 0.880   | 0.863  | 0.892 | 0.157                | 0.932               | 0.857      | 0.000                | 0.849                  | 0.903 | 0.008                | 0.976             | 0.879                | 0.002                |
| Adolescent has phone for own personal use                                      | 0.032   | 0.056  | 0.015 | 0.000                | 0.047               | 0.025      | 0.055                | 0.030                  | 0.034 | 0.538                | 0.010             | 0.032                | 0.038                |
| Adolescent has phone for own person use with internet                          | 0.016   | 0.026  | 0.008 | 0.003                | 0.021               | 0.013      | 0.157                | 0.015                  | 0.016 | 0.694                | 0.010             | 0.016                | 0.492                |
| Adolescent has ever gone online/used internet                                  | 0.200   | 0.254  | 0.161 | 0.001                | 0.230               | 0.186      | 0.214                | 0.147                  | 0.240 | 0.003                | 0.162             | 0.200                | 0.568                |

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|---|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|   |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Economic Empowerment</b>                                     |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescent aspires to attain at least some secondary school     | 0.999   | 0.998  | 1.000 | 0.173                | 0.999               | 0.999      | 0.764                | 1.000                  | 0.999 | 0.174                | 1.000             | 0.999                | 0.175                |
| Adolescent aspires to attain at least some university education | 0.861   | 0.874  | 0.853 | 0.166                | 0.878               | 0.854      | 0.340                | 0.813                  | 0.899 | 0.000                | 0.879             | 0.861                | 0.873                |
| Adolescent aspires to a professional occupation                 | 0.908   | 0.850  | 0.948 | 0.000                | 0.933               | 0.896      | 0.060                | 0.912                  | 0.904 | 0.540                | 0.814             | 0.908                | 0.234                |
| Adolescent worked for pay (in last 12 months)                   | 0.042   | 0.058  | 0.031 | 0.037                | 0.035               | 0.045      | 0.514                | 0.061                  | 0.027 | 0.025                | 0.000             | 0.042                | 0.000                |

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|--|---------|--------|-------|----------------------|---------------------|------------|----------------------|------------------------|-------|----------------------|-------------------|----------------------|----------------------|
|  |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Menstrual Hygiene</b>   |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Percentage of in-school adolescents whose school has facilities for girls who are menstruating (among girls who have begun menstruation and are enrolled in school only) | 0.460   | --     | --    | --                   | 0.399               | 0.487      | 0.291                | 0.360                  | 0.532 | 0.033                | 0.291             | 0.461                | 0.172                |
| <b>Menstrual Hygiene during COVID-19<sup>2</sup></b>   |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Adolescent faces the challenge of not enough soap or water for menstrual hygiene management (among girls who have begun menstruation)                                    | 0.068   | --     | --    | --                   | 0.087               | 0.059      | 0.157                | 0.069                  | 0.067 | 0.862                | 0.000             | 0.068                | 0.000                |
| Adolescent faces any challenge to menstrual hygiene management during the COVID-19 pandemic (among girls who have begun menstruation)                                    | 0.121   | --     | --    | --                   | 0.130               | 0.117      | 0.588                | 0.145                  | 0.103 | 0.083                | 0.252             | 0.120                | 0.273                |



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|   |         | Boys   | Girls | p-value <sup>3</sup> | Sylhet              | Chittagong | p-value <sup>4</sup> | Rural                  | Urban | p-value <sup>5</sup> | With a disability | Without a disability | p-value <sup>6</sup> |
| <b>Climate-Related</b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Household has piped water to own dwelling or yard   | 0.227   | 0.243  | 0.216 | 0.565                | 0.226               | 0.227      | 0.998                | 0.132                  | 0.300 | 0.005                | 0.415             | 0.225                | 0.160                |
| Household needs to collect water from outside of own dwelling*  | 0.229   | 0.221  | 0.234 | 0.507                | 0.205               | 0.239      | 0.401                | 0.263                  | 0.202 | 0.146                | 0.179             | 0.229                | 0.571                |
| Average time needed to collect water (in minutes, where time is "0" minutes if water source is in own home/yard)* | 2.172   | 1.992  | 2.299 | 0.217                | 1.609               | 2.418      | 0.061                | 2.387                  | 2.006 | 0.419                | 1.962             | 2.175                | 0.900                |
| <b>Climate-Related during COVID-19<sup>1</sup></b>  |         |        |       |                      |                     |            |                      |                        |       |                      |                   |                      |                      |
| Household had difficulty collecting drinking water during COVID-19 pandemic*                                      | 0.057   | 0.072  | 0.047 | 0.056                | 0.038               | 0.066      | 0.040                | 0.058                  | 0.057 | 0.976                | 0.098             | 0.057                | 0.548                |
| Household had difficulty accessing water for handwashing during COVID-19 pandemic*                                | 0.041   | 0.053  | 0.033 | 0.082                | 0.034               | 0.044      | 0.320                | 0.039                  | 0.043 | 0.622                | 0.059             | 0.041                | 0.778                |
| Adolescents who report having clean water for washing hands most or all of the time                               | 0.993   | 0.995  | 0.992 | 0.456                | 0.989               | 0.995      | 0.242                | 0.994                  | 0.993 | 0.916                | 1.000             | 0.993                | 0.005                |

Note: This table presents variables drawn from the GAGE Chittagong & Sylhet baseline survey, conducted in February-March 2020, unless otherwise specified. All estimates are weighted to better represent the community from which the sample is drawn. The sample included 2,220 adolescents enrolled in Grade 7 or Grade 8 at 109 schools in Chittagong and Sylhet divisions, Bangladesh. Where possible, we also interviewed the adult female caregivers of these adolescents (n=2,214). For each estimate, we exclude respondents who answer "Refused" or "Don't Know" to a given question. Any variables marked with an asterisk (\*) are answered by the adult female caregiver, rather than the adolescent.

<sup>1</sup> Variables in this section are drawn from the GAGE Covid-19 Round 1 survey, conducted between May and July 2020. This survey included n=2,122 adolescents and n=2,128 adult caregivers of adolescents

<sup>2</sup> Variables in this section are drawn from the GAGE Covid-19 Round 2 survey, conducted between February and March 2021. This survey included n=1,921 adolescents and n=1,915 adult caregivers of adolescents

<sup>3</sup> Difference in means controlling for baseline grade (7 or 8), division, and urban location

<sup>4</sup> Difference in means controlling for baseline grade (7 or 8), gender, and urban location

<sup>5</sup> Difference in means controlling for baseline grade (7 or 8), gender, and division

<sup>6</sup> Difference in means controlling for baseline grade (7 or 8), gender, division, and urban location