**Table.1** Factors associated with the diarrhoea status of children, MICS 2006, 2012 and 2019.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | 2006 | | | 2012 | | | 2019 | | |
| **Diarrhoea** | | **P-value** | **Diarrhoea** | | **P-value** | **Diarrhoea** | | **P-value** |
| **Yes** | **No** |  | **Yes** | **No** | **Yes** | **No** |
| **N (%)** | **N (%)** |  | **N (%)** | **N (%)** | **N (%)** | **N (%)** |
| ***CHILD CHARACTERISTICS*** | | | | | | | | | |
| ***Age of child (in months)*** | | | | | | | | | |
| 0-11 | 483 (8.5) | 5185 (91.5) | <0.001 | 213 (5.4) | 3769 (94.6) | <0.001 | 421 (9.1) | 4184 (90.9) | <0.001 |
| 12-23 | 606 (10.1) | 5423 (89.9) | 315 (7.7) | 3776 (92.3) | 448 (10.1) | 3986 (89.9) |
| 24-35 | 443 (7.0) | 5876 (93.0) | 140 (3.3) | 4048 (96.7) | 326 (7.1) | 4279 (92.9) |
| 36-47 | 388 (5.7) | 6398 (94.3) | 96 (2.2) | 4232 (97.8) | 247 (5.1) | 4570 (94.9) |
| 48-59 | 332 (4.9) | 6410 (95.1) | 60 (1.4) | 4242 (98.6) | 154 (3.3) | 4473 (96.7) |
| ***Child’s sex*** | | | | | | | | | |
| Male | 1200 (7.4) | 15017 (92.6) | 0.107 | 421 (3.9) | 10268 (96.1) | 0.931 | 860 (7.2) | 11144 (92.8) | 0.178 |
| Female | 1054 (6.9) | 14278 (93.1) | 404 (4.0) | 9799 (96.0) | 736 (6.6) | 10347 (93.4) |
| ***Inadequate Supervision*** | | | | | | | | | |
| Yes | - | - |  | 82 (5.1) | 1504 (94.9) | 0.057 | 120 ( 8.1) | 1367 (91.9) | 0.079 |
| No | - | - | 742 (3.8) | 18545 (96.2) | 1477 (6.8) | 20122 (93.2) |
| ***Underweight*** | | | | | | | | | |
| Yes | - | - |  | 259 (4.0) | 6167 (96.0) | 0.879 | 439 (8.5) | 4698 (91.5) | <0.001 |
| No | - | - | 537 (4.0) | 12950 (96.0) | 1120 (6.5) | 16181 (93.5) |
| ***Stunned*** | | | | | | | | | |
| Yes | - | - |  | 323 (3.9) | 7893 (96.1) | 0.867 | 461 (7.4) | 5765 (92.6) | 0.132 |
| No | - | - | 447 (4.0) | 10752 (96.0) | 1071 (6.8) | 14747 (93.2) |
| ***Wasted*** | | | | | | | | | |
| Yes | - | - |  | 92 (4.7) | 1862 (95.3) | 0.148 | 178 (8.1) | 2028 (91.9) | 0.053 |
| No | - | - | 699 (4.0) | 16979 (96.0) | 1353 (6.8) | 18442 (93.2) |
| ***Overweight*** | | | | | | | | | |
| Yes | - | - |  | 48 (2.8) | 1529 (97.2) | 0.050 | 90 (5.5) | 1539 (94.5) | 0.057 |
| No | - | - | 781 (4.0) | 18538 (96.0) | 1507 (7.0) | 19952 (93.0) |
| ***COMMUNITY CHARACTERISTICS*** | | | | | | | | | |
| ***Place of residence*** | | | | | | | | | |
| Urban | 1630 (7.1) | 21394 (92.9) | 0.293 | 627 (3.8) | 15998 (96.2) | 0.098 | 1255 (6.9) | 16932 (93.1) | 0.896 |
| Rural | 611 (7.4) | 7661 (92.6) | 298 (4.7) | 4069 (95.3) | 342 (7.0) | 4560 (93.0) |
| Tribal | 13 (5.1) | 234 (94.9) | - | - | - | - |
| ***Division*** | | | | | | | | | |
| Barishal | 167 (8.9) | 1705 (91.1) | <0.001 | 80 (6.3) | 1188 (93.7) | <0.001 | 185 (14.1) | 1129 (85.9) | <0.001 |
| Chattogram | 515 (7.6) | 6279 (92.4) | 218 (4.6) | 4571 (95.4) | 380 (7.6) | 4651 (92.4) |
| Dhaka | 704 (7.1) | 9228 (92.9) | 224 (3.5) | 6231 (96.5) | 311 (5.7) | 5177 (94.3) |
| Khulna | 139 (4.4) | 3008 (95.6) | 67 (3.3) | 1942 (96.7) | 155 (6.5) | 2238 (93.5) |
| Mymensingh | - | - | - | - | 153 (8.7) | 1597 (91.3) |
| Rajshahi | 540 (7.4) | 6743 (92.6) | 85 (3.6) | 2319 (96.4) | 182 (6.6) | 2568 (93.4) |
| Rangpur | - | - | 90 (3.8) | 2282 (96.2) | 112 (4.5) | 2379 (95.5) |
| Sylhet | 189 (7.5) | 2333 (92.5) | 61 (3.8) | 1533 (96.2) | 119 (6.3) | 1753 (93.7) |
| ***PARENTAL CHARACTERISTICS*** | | | | | | | | | |
| ***Mother’s Education*** | | | | | | | | | |
| Primary incomplete | 1299 (8.0) | 14912 (92.0) | <0.001 | 319 (4.2) | 7323 (95.8) | 0.790 | 199 (7.7) | 2387 (92.3) | 0.052 |
| Primary complete | 274 (6.7) | 3808 (93.3) | 118 (3.6) | 3137 (96.4) | 402 (7.3) | 5078 (92.7) |
| Secondary incomplete | 489 (6.2) | 7454 (93.8) | 282 (3.9) | 7003 (96.1) | 779 (6.9) | 10548 (93.1) |
| Secondary complete or higher | 178 (5.5) | 3027 (94.5) | 106 (3.9) | 2605 (96.1) | 217 (5.9) | 3478 (94.1) |
| Non-standard curriculum | 14 (13.6) | 91 (86.4) |  | - | - | - | - |  |
| ***Mother’s Age at the Survey Time*** | | | | | | | | | |
| 15 - 19 | 470 (7.8) | 5605 (92.3) | 0.390 | 71 (5.4) | 1251 (94.6) | 0.004 | 294 (6.9) | 3944 (93.1) | 0.991 |
| 20-34 | 938 (7.1) | 12322 (92.9) | 578 (4.5) | 12410 (95.5) | 715 (6.9) | 9620 (93.1) |
| 35+ | 620 (7.2) | 7947 (92.8) | 112 (3.2) | 3440 (96.8) | 475 (7.0) | 6334 (93.0) |
| ***HOUSEHOLD CHARACTERISTICS*** | | | | | | | | | |
| ***Wealth Index*** | | | | | | | | | |
| Poorest | 684 (8.6) | 7299 (91.4) | <0.001 | 246 (4.8) | 4857 (95.2) | 0.071 | 421 (8.4) | 4615 (91.6) | <0.001 |
| Second | 502 (7.6) | 6107 (92.4) | 155 (3.6) | 4128 (96.4) | 371 (8.2) | 4159 (91.8) |
| Middle | 420 (7.1) | 5495 (92.9) | 130 (3.35) | 3752 (96.6) | 262 (6.1) | 4036 (93.9) |
| Fourth | 325 (5.6) | 5526 (94.4) | 139 (3.7) | 3609 (96.3) | 281 (6.2) | 4226 (93.8) |
| Richest | 321 (6.2) | 4867 (93.8) | 155 (4.0) | 3722 (96.0) | 262 (5.5) | 4456 (94.5) |
| ***Religion*** | | | | | | | | | |
| Islam | 2082 (7.3) | 26611 (92.7) | 0.061 | 710 (4.0) | 17115 (96.0) | 0.904 | 1489 (7.0) | 19658 (93.0) | 0.026 |
| Others | 172 (6.0) | 2684 (94.0) | 80 (3.9) | 1956 (96.1) | 107 (5.5) | 1834 (94.5) |
| ***Household Head Sex*** | | | | | | | | | |
| Male | 2155 (7.2) | 27838 (92.8) | <0.001 | 689 (4.0) | 16519 (96.0) | 0.704 | 1483 (7.0) | 19626 (93.0) | 0.067 |
| Female | 99 (6.3) | 1456 (93.7) | 101 (3.8) | 2552 (96.2) | 114 (5.7) | 1865 (94.0) |
| ***Ethnicity*** | | | | | | | | | |
| Bengali | 2225 (7.2) | 28813 (92.8) |  | 768 (4.0) | 18505 (96.0) | 0.814 | 1571 (6.9) | 21263 (93.1) | 0.019 |
| Other | 29 (5.7) | 476 (94.3) |  | 22 (3.7) | 567 (96.3) | 25 (10.0) | 229 (90.0) |
| ***Toilet facilities shared*** | | | | | | | | | |
| Yes | 943 (7.5) | 11636 (92.5) | 0.016 | 175 (3.4) | 4942 (96.6) | 0.038 | 541 (7.8) | 6365 (92.2) | 0.001 |
| No | 1076 (6.6) | 15123 (93.4) | 603 (4.2) | 13815 (95.8) | 1027 (6.5) | 14781 (93.5) |
| ***Toilet facility type*** | | | | | | | | | |
| Improved | 1436 (6.5) | 20646 (93.5) | <0.001 | 758 (4.0) | 18343 (96.0) | 0.108 | 1491 (6.8) | 20531 (93.2) | 0.001 |
| Non-improved | 811 (8.7) | 8568 (91.4) | 30 (4.0) | 723 (96.0) | 104 (9.8) | 958 (90.2) |
| Other | 3 (8.8) | 29 (91.2) | 2 (21.7) | 6 (78.3) | 0.25 (8.9) | 2.6 (93.1) |
| ***Salt Iodization*** | | | | | | | | | |
| Yes | 1803 (6.9) | 24430 (93.1) | <0.001 | 591 (4.0) | 14067 (96.0) | 0.601 | 1141 (6.6) | 16239 (93.4) | 0.002 |
| No | 449 (8.6) | 4793 (91.4) | 199 (3.8) | 5002 (96.2) | 455 (8.0) | 5244 (92.0) |
| ***Mass Media*** | | | | | | | | | |
| Yes | - | - | - | 398 (4.3) | 8845 (95.7) | 0.817 | 851 (6.6) | 11968 (93.4) | 0.059 |
| No | - | - | 363 (4.2) | 8250 (95.8) | 634 (7.4) | 7930 (92.6) |
| ***Household size*** | | | | | | | | | |
| <5 | 718 (6.9) | 9708 (93.1) | 0.322 | 426 (3.8) | 10960 (96.3) | 0.154 | 925 (6.7) | 12865 (93.3) | 0.191 |
| 5/5+ | 1536 (7.3) | 19587 (92.7) | 363 (4.3) | 8111 (95.7) | 671 (7.2) | 8626 (92.8) |
| ***Livestock ownership*** | | | | | | | | | |
| Yes | - | - | - | 452 (4.0) | 10773 (96.0) | 0.786 | 913 (6.9) | 12329 (93.1) | 0.858 |
| No | - | - | 336 (3.9) | 8234 (96.1) | 682 (6.9) | 9116 (93.1) |
| ***Source water type*** | | | | | | | | | |
| Improved | 2216 (7.1) | 28783 (92.9) | 0.854 | 772 (4.0) | 18590 (96.0) | 0.687 | 1566 (6.90) | 21122 (93.10) | 0.537 |
| Unimproved | 38 (6.9) | 508 (93.1) | 17 (3.5) | 481 (96.5) | 30 (7.54) | 370 (92.50) |
| ***Source of water*** | | | | | | | | | |
| Direct from source | - | - | - | 8 (3.7) | 218 (96.3) | 0.097 | 27 (8.7) | 290 (91.4) | 0.366 |
| Covered container | - | - | 113 (4.2) | 2570 (95.8) | 216 (7.4) | 2706 (92.6) |
| Uncovered container | - | - | 32 (2.7) | 1166 (97.3) | 88 (6.3) | 1304 (93.7) |
| ***Water treatment*** | | | | | | | | | |
| Yes | 170 (8.1) | 1917 (91.9) | 0.214 | 88 (4.6) | 1828 (95.4) | 0.256 | 168 (6.9) | 2271 (93.1) | 0.945 |
| No | 2078 (7.1) | 27344 (92.9) | 702 (3.9) | 17238 (96.1) | 1429 (6.9) | 19214 (93.1) |
| **Total** | **2254 (7.1)** | **29295 (92.9)** |  | **825 (3.9)** | **20067 (96.1)** |  | **1596 (6.91)** | **21492 (93.09)** |  |

**Table.2** Factors associated with the diarrhoea status of children using univariate logistic regression model (MICS 2006, 2012 and 2019)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | 2006 | | | 2012 | | | 2019 | | |
| **COR** | **95% CI** | **P-value** | **COR** | **95% CI** | **P-value** | **COR** | **95% CI** | **P-value** |
| ***CHILD CHARACTERISTICS*** | | | | | | | | | |
| ***Age of child (in months)*** | | | | | | | | | |
| 0-11 | 1.80 | 1.51 – 2.15 | <0.001 |  |  |  |  |  |  |
| 12-23 | 2.16 | 1.82 – 2.56 | <0.001 |  |  |  |  |  |  |
| 24-35 | 1.46 | 1.23 – 1.72 | <0.001 |  |  |  |  |  |  |
| 36-47 | 1.17 | 0.97 – 1.42 | 0.097 |  |  |  |  |  |  |
| 48-59 | Ref. | - | - |  |  |  |  |  |  |
| ***Child’s sex*** | | | | | | | | | |
| Male | 1.08 | 0.98 – 1.19 | 0.107 |  |  |  |  |  |  |
| Female | Ref. | - | - |  |  |  |  |  |  |
| ***Inadequate Supervision*** | | | | | | | | | |
| Yes | - | - |  |  |  |  |  |  |  |
| No | - | - |  |  |  |  |  |  |  |
| ***Underweight*** | | | | | | | | | |
| Yes | - | - |  |  |  |  |  |  |  |
| No | - | - |  |  |  |  |  |  |  |
| ***Stunned*** | | | | | | | | | |
| Yes | - | - |  |  |  |  |  |  |  |
| No | - | - |  |  |  |  |  |  |  |
| ***Wasted*** | | | | | | | | | |
| Yes | - | - |  |  |  |  |  |  |  |
| No | - | - |  |  |  |  |  |  |  |
| ***Overweight*** | | | | | | | | | |
| Yes | - | - |  |  |  |  |  |  |  |
| No | - | - |  |  |  |  |  |  |  |
| ***COMMUNITY CHARACTERISTICS*** | | | | | | | | | |
| ***Place of residence*** | | | | | | | | | |
| Urban | 1.50 | 1.10 – 2.04 | 0.011 |  |  |  |  |  |  |
| Rural | 1.43 | 1.06 – 1.92 | 0.018 |  |  |  |  |  |  |
| Tribal | Ref. | - | - | - | - |  | - | - |  |
| ***Division*** | | | | | | | | | |
| Barishal | 1.21 | 0.95 – 1.55 | 0.114 |  |  |  |  |  |  |
| Chattogram | 1.01 | 0.82 – 1.26 | 0.893 |  |  |  |  |  |  |
| Dhaka | 0.94 | 0.77 – 1.16 | 0.579 |  |  |  |  |  |  |
| Khulna | 0.57 | 0.45 – 0.74 | <0.001 |  |  |  |  |  |  |
| Mymensingh | - | - | - | - | - |  |  |  |  |
| Rajshahi | 0.99 | 0.81 – 1.21 | 0.933 |  |  |  |  |  |  |
| Rangpur | - | - | - |  |  |  |  |  |  |
| Sylhet | Ref. | - | - |  |  |  |  |  |  |
| ***PARENTAL CHARACTERISTICS*** | | | | | | | | | |
| ***Mother’s Education*** | | | | | | | | | |
| Primary incomplete | 1.48 | 1.18 – 1.86 | 0.001 |  |  |  |  |  |  |
| Primary complete | 1.23 | 0.94 – 1.60 | 0.133 |  |  |  |  |  |  |
| Secondary incomplete | 1.12 | 0.88 – 1.41 | 0.353 |  |  |  |  |  |  |
| Secondary complete or higher | Ref. | - | - |  |  |  |  |  |  |
| Non-standard curriculum | 2.69 | 1.36 – 5.31 | 0.004 | - | - |  | - | - |  |
| ***Mother’s Age at the Survey Time*** | | | | | | | | | |
| 15 - 19 | 1.08 | 0.92 – 1.25 | 0.355 |  |  |  |  |  |  |
| 20-34 | 0.98 | 0.86 – 1.10 | 0.694 |  |  |  |  |  |  |
| 35+ | Ref. | - | - |  |  |  |  |  |  |
| ***HOUSEHOLD CHARACTERISTICS*** | | | | | | | | | |
| ***Wealth Index*** | | | | | | | | | |
| Poorest | 1.42 | 1.17 – 1.74 | 0.001 |  |  |  |  |  |  |
| Second | 1.25 | 1.01 – 1.53 | 0.037 |  |  |  |  |  |  |
| Middle | 1.16 | 0.94 – 1.43 | 0.164 |  |  |  |  |  |  |
| Fourth | 0.89 | 0.71 – 1.12 | 0.322 |  |  |  |  |  |  |
| Richest | Ref. | - | - |  |  |  |  |  |  |
| ***Religion*** | | | | | | | | | |
| Islam | 1.22 | 0.99 – 1.51 | 0.061 |  |  |  |  |  |  |
| Others | Ref. | - | - |  |  |  |  |  |  |
| ***Household Head Sex*** | | | | | | | | | |
| Male | 1.14 | 0.89 – 1.47 | 0.285 |  |  |  |  |  |  |
| Female | Ref. | - | - |  |  |  |  |  |  |
| ***Ethnicity*** | | | | | | | | | |
| Bengali | 1.28 | 0.92 – 1.77 | 0.145 |  |  |  |  |  |  |
| Other | Ref. | - | - |  |  |  |  |  |  |
| ***Toilet facilities shared*** | | | | | | | | | |
| Yes | 1.14 | 1.02 – 1.27 | 0.016 |  |  |  |  |  |  |
| No | Ref. | - | - |  |  |  |  |  |  |
| ***Toilet facility type*** | | | | | | | | | |
| Improved | Ref. | - | - |  |  |  |  |  |  |
| Non-improved | 1.36 | 1.22 – 1.52 | <0.001 |  |  |  |  |  |  |
| Other | 1.39 | 0.42 – 4.54 | 0.588 |  |  |  |  |  |  |
| ***Salt Iodization*** | | | | | | | | | |
| Yes | Ref. | - | - |  |  |  |  |  |  |
| No | 1.27 | 1.11 – 1.45 | <0.001 |  |  |  |  |  |  |
| ***Mass Media*** | | | | | | | | | |
| Yes | - | - | - |  |  |  | Ref. | - | - |
| No | - | - | - |  |  |  | 1.12 | 0.99 - 1.27 | 0.059 |
| ***Household size*** | | | | | | | | | |
| <5 | Ref. | - | - |  |  |  |  |  |  |
| 5/5+ | 1.06 | 0.94 – 1.19 | 0.322 |  |  |  |  |  |  |
| ***Livestock ownership*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Source water type*** | | | | | | | | | |
| Improved | 1.04 | 0.69 – 1.57 | 0.854 |  |  |  |  |  |  |
| Unimproved | Ref. | - | - |  |  |  |  |  |  |
| ***Source of water*** | | | | | | | | | |
| Direct from source | - | - | - |  |  |  |  |  |  |
| Covered container | - | - | - |  |  |  |  |  |  |
| Uncovered container | - | - | - |  |  |  |  |  |  |
| ***Water treatment*** | | | | | | | | | |
| Yes | 1.17 | 0.91 – 1.49 | 0.214 |  |  |  |  |  |  |
| No | Ref. | - | - |  |  |  |  |  |  |

**Table.3** Factors associated with the diarrhoea status of children using multivariate logistic regression model (MICS 2006, 2012 and 2019)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | 2006 | | | 2012 | | | 2019 | | |
| **AOR** | **95% CI** | **P-value** | **AOR** | **95% CI** | **P-value** | **AOR** | **95% CI** | **P-value** |
| ***CHILD CHARACTERISTICS*** | | | | | | | | | |
| ***Age of child (in months)*** | | | | | | | | | |
| 0-11 | 1.81 | 1.50 – 2.18 | <0.001 |  |  |  |  |  |  |
| 12-23 | 2.22 | 1.86 – 2.65 | <0.001 |  |  |  |  |  |  |
| 24-35 | 1.45 | 1.22 – 1.73 | <0.001 |  |  |  |  |  |  |
| 36-47 | 1.17 | 0.97 – 1.42 | 0.108 |  |  |  |  |  |  |
| 48-59 | Ref. | - | - |  |  |  |  |  |  |
| ***Child’s sex*** | | | | | | | | | |
| Male | 1.05 | 0.95 – 1.16 | 0.351 |  |  |  |  |  |  |
| Female | Ref. | - | - |  |  |  |  |  |  |
| ***Inadequate Supervision*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Underweight*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Stunned*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Wasted*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Overweight*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***COMMUNITY CHARACTERISTICS*** | | | | | | | | | |
| ***Place of residence*** | | | | | | | | | |
| Urban | 1.46 | 0.81 – 2.62 | 0.206 |  |  |  |  |  |  |
| Rural | 1.16 | 0.65 – 2.06 | 0.610 |  |  |  |  |  |  |
| Tribal | Ref. | - | - | - | - |  | - | - |  |
| ***Division*** | | | | | | | | | |
| Barishal | 1.27 | 0.99 – 1.63 | 0.063 |  |  |  |  |  |  |
| Chattogram | 1.09 | 0.87 – 1.36 | 0.439 |  |  |  |  |  |  |
| Dhaka | 0.96 | 0.78 – 1.19 | 0.724 |  |  |  |  |  |  |
| Khulna | 0.65 | 0.50 – 0.85 | 0.002 |  |  |  |  |  |  |
| Mymensingh | - | - | - | - | - |  |  |  |  |
| Rajshahi | 1.04 | 0.83 – 1.28 | 0.754 |  |  |  |  |  |  |
| Rangpur | - | - | - |  |  |  |  |  |  |
| Sylhet | Ref. | - | - |  |  |  |  |  |  |
| ***PARENTAL CHARACTERISTICS*** | | | | | | | | | |
| ***Mother’s Education*** | | | | | | | | | |
| Primary incomplete | 1.29 | 0.98 – 1.69 |  |  |  |  |  |  |  |
| Primary complete | 1.19 | 0.87 – 1.63 |  |  |  |  |  |  |  |
| Secondary incomplete | 1.11 | 0.86 – 1.44 |  |  |  |  |  |  |  |
| Secondary complete or higher | Ref. | - | - |  |  |  |  |  |  |
| Non-standard curriculum | 2.58 | 1.21 – 5.51 |  | - | - |  | - | - |  |
| ***Mother’s Age at the Survey Time*** | | | | | | | | | |
| 15 - 19 | - | - | - |  |  |  |  |  |  |
| 20-34 | - | - | - |  |  |  |  |  |  |
| 35+ | Ref. | - | - |  |  |  |  |  |  |
| ***HOUSEHOLD CHARACTERISTICS*** | | | | | | | | | |
| ***Wealth Index*** | | | | | | | | | |
| Poorest | 1.30 | 1.01 – 1.65 | 0.038 |  |  |  |  |  |  |
| Second | 1.13 | 0.89 – 1.44 | 0.325 |  |  |  |  |  |  |
| Middle | 1.12 | 0.89 – 1.41 | 0.331 |  |  |  |  |  |  |
| Fourth | 0.90 | 0.71 – 1.14 | 0.373 |  |  |  |  |  |  |
| Richest | Ref. | - | - |  |  |  |  |  |  |
| ***Religion*** | | | | | | | | | |
| Islam | 1.05 | 0.82 – 1.35 | 0.684 |  |  |  |  |  |  |
| Others | Ref. | - | - |  |  |  |  |  |  |
| ***Household Head Sex*** | | | | | | | | | |
| Male | - | - | - |  |  |  |  |  |  |
| Female | Ref. | - | - |  |  |  |  |  |  |
| ***Ethnicity*** | | | | | | | | | |
| Bengali | 1.27 | 0.76 – 2.13 | 0.684 |  |  |  |  |  |  |
| Other | Ref. | - | - |  |  |  |  |  |  |
| ***Toilet facilities shared*** | | | | | | | | | |
| Yes | 1.07 | 0.96 – 1.20 | 0.210 |  |  |  |  |  |  |
| No | Ref. | - | - |  |  |  |  |  |  |
| ***Toilet facility type*** | | | | | | | | | |
| Improved | Ref. | - | - |  |  |  |  |  |  |
| Non-improved | 1.23 | 1.08 – 1.40 | 0.103 |  |  |  |  |  |  |
| Other | 1.16 | 0.35 – 3.79 | <0.001 |  |  |  |  |  |  |
| ***Salt Iodization*** | | | | | | | | | |
| Yes | Ref. | - | - |  |  |  |  |  |  |
| No | 1.13 | 0.98 – 1.30 | 0.103 |  |  |  |  |  |  |
| ***Mass Media*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Household size*** | | | | | | | | | |
| <5 | Ref. | - | - |  |  |  |  |  |  |
| 5/5+ | - | - | - |  |  |  |  |  |  |
| ***Livestock ownership*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | - | - | - |  |  |  |  |  |  |
| ***Source water type*** | | | | | | | | | |
| Improved | - | - | - |  |  |  |  |  |  |
| Unimproved | Ref. | - | - |  |  |  |  |  |  |
| ***Source of water*** | | | | | | | | | |
| Direct from source | - | - | - |  |  |  |  |  |  |
| Covered container | - | - | - |  |  |  |  |  |  |
| Uncovered container | - | - | - |  |  |  |  |  |  |
| ***Water treatment*** | | | | | | | | | |
| Yes | - | - | - |  |  |  |  |  |  |
| No | Ref. | - | - |  |  |  |  |  |  |