|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ever heard of HIV or AIDS** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 45477 | 65.1 | 65.1 | 65.1 |
| No | 24382 | 34.9 | 34.9 | 100.0 |
| Missing | 1 | .0 | .0 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **heard\_HIV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 45477 | 65.1 | 65.1 | 65.1 |
| No | 24383 | 34.9 | 34.9 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Rural | 47449 | 67.9 | 67.9 | 67.9 |
| Urban (Municipality) | 15267 | 21.9 | 21.9 | 89.8 |
| Urban non-slum (Metro city) | 6067 | 8.7 | 8.7 | 98.5 |
| Urban slum | 473 | .7 | .7 | 99.1 |
| Tribal | 604 | .9 | .9 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Area | Rural | Count | 27131 | 20318 | 47449 |
| % within Area | 57.2% | 42.8% | 100.0% |
| Urban | Count | 18133 | 3674 | 21807 |
| % within Area | 83.2% | 16.8% | 100.0% |
| Tribal | Count | 213 | 391 | 604 |
| % within Area | 35.3% | 64.7% | 100.0% |
| Total | | Count | 45477 | 24383 | 69860 |
| % within Area | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 4674.585a | 2 | .000 |
| Likelihood Ratio | 5018.636 | 2 | .000 |
| Linear-by-Linear Association | 3383.747 | 1 | .000 |
| N of Valid Cases | 69860 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 210.81. | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Barisal | 4172 | 6.0 | 6.0 | 6.0 |
| Chittagong | 13372 | 19.1 | 19.1 | 25.1 |
| Dhaka | 22404 | 32.1 | 32.1 | 57.2 |
| Khulna | 8124 | 11.6 | 11.6 | 68.8 |
| Rajshahi | 17394 | 24.9 | 24.9 | 93.7 |
| Sylhet | 4393 | 6.3 | 6.3 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Division | Barisal | Count | 2640 | 1532 | 4172 |
| % within Division | 63.3% | 36.7% | 100.0% |
| Chittagong | Count | 8662 | 4710 | 13372 |
| % within Division | 64.8% | 35.2% | 100.0% |
| Dhaka | Count | 16281 | 6123 | 22404 |
| % within Division | 72.7% | 27.3% | 100.0% |
| Khulna | Count | 6091 | 2034 | 8125 |
| % within Division | 75.0% | 25.0% | 100.0% |
| Rajshahi | Count | 9446 | 7948 | 17394 |
| % within Division | 54.3% | 45.7% | 100.0% |
| Sylhet | Count | 2358 | 2036 | 4394 |
| % within Division | 53.7% | 46.3% | 100.0% |
| Total | | Count | 45478 | 24383 | 69861 |
| % within Division | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 2064.739a | 5 | .000 |
| Likelihood Ratio | 2063.660 | 5 | .000 |
| Linear-by-Linear Association | 614.001 | 1 | .000 |
| N of Valid Cases | 69861 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1456.12. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 15-19 | 15284 | 21.9 | 21.9 | 21.9 |
| 20-24 | 12630 | 18.1 | 18.1 | 40.0 |
| 25-29 | 11151 | 16.0 | 16.0 | 55.9 |
| 30-34 | 9376 | 13.4 | 13.4 | 69.3 |
| 35-39 | 8853 | 12.7 | 12.7 | 82.0 |
| 40-44 | 6627 | 9.5 | 9.5 | 91.5 |
| 45-49 | 5939 | 8.5 | 8.5 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Age | 15-19 | Count | 11935 | 3350 | 15285 |
| % within Age | 78.1% | 21.9% | 100.0% |
| 20-24 | Count | 9299 | 3331 | 12630 |
| % within Age | 73.6% | 26.4% | 100.0% |
| 25-29 | Count | 7444 | 3706 | 11150 |
| % within Age | 66.8% | 33.2% | 100.0% |
| 30-34 | Count | 5637 | 3739 | 9376 |
| % within Age | 60.1% | 39.9% | 100.0% |
| 35-39 | Count | 5045 | 3808 | 8853 |
| % within Age | 57.0% | 43.0% | 100.0% |
| 40-44 | Count | 3393 | 3234 | 6627 |
| % within Age | 51.2% | 48.8% | 100.0% |
| 45-49 | Count | 2725 | 3214 | 5939 |
| % within Age | 45.9% | 54.1% | 100.0% |
| Total | | Count | 45478 | 24382 | 69860 |
| % within Age | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 3439.345a | 6 | .000 |
| Likelihood Ratio | 3460.955 | 6 | .000 |
| Linear-by-Linear Association | 3419.383 | 1 | .000 |
| N of Valid Cases | 69860 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2072.78. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **women\_age \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| women\_age | 15-24 | Count | 21233 | 6681 | 27914 |
| % within women\_age | 76.1% | 23.9% | 100.0% |
| 25-34 | Count | 13082 | 7445 | 20527 |
| % within women\_age | 63.7% | 36.3% | 100.0% |
| 35-44 | Count | 8437 | 7042 | 15479 |
| % within women\_age | 54.5% | 45.5% | 100.0% |
| 44+ | Count | 2725 | 3214 | 5939 |
| % within women\_age | 45.9% | 54.1% | 100.0% |
| Total | | Count | 45477 | 24382 | 69859 |
| % within women\_age | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 3224.197a | 3 | .000 |
| Likelihood Ratio | 3237.511 | 3 | .000 |
| Linear-by-Linear Association | 3196.691 | 1 | .000 |
| N of Valid Cases | 69859 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2072.81. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | None | 23818 | 34.1 | 34.1 | 34.1 |
| Primary incomplete | 9669 | 13.8 | 13.8 | 47.9 |
| Primary completed | 8286 | 11.9 | 11.9 | 59.8 |
| Secondary incomplete | 18917 | 27.1 | 27.1 | 86.9 |
| Secondary completed or higher | 8923 | 12.8 | 12.8 | 99.6 |
| Non-standard curriculum | 247 | .4 | .4 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Education | None | Count | 8727 | 15091 | 23818 |
| % within Education | 36.6% | 63.4% | 100.0% |
| Primary incomplete | Count | 5432 | 4238 | 9670 |
| % within Education | 56.2% | 43.8% | 100.0% |
| Primary completed | Count | 5821 | 2465 | 8286 |
| % within Education | 70.3% | 29.7% | 100.0% |
| Secondary incomplete | Count | 16583 | 2335 | 18918 |
| % within Education | 87.7% | 12.3% | 100.0% |
| Secondary completed or higher | Count | 8821 | 101 | 8922 |
| % within Education | 98.9% | 1.1% | 100.0% |
| Non-standard curriculum | Count | 94 | 153 | 247 |
| % within Education | 38.1% | 61.9% | 100.0% |
| Total | | Count | 45478 | 24383 | 69861 |
| % within Education | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 17720.513a | 5 | .000 |
| Likelihood Ratio | 20161.210 | 5 | .000 |
| Linear-by-Linear Association | 16934.828 | 1 | .000 |
| N of Valid Cases | 69861 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 86.21. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently married** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Married | 54933 | 78.6 | 93.3 | 93.3 |
| Unmarried | 3915 | 5.6 | 6.7 | 100.0 |
| Total | 58848 | 84.2 | 100.0 |  |
| Missing | System | 11012 | 15.8 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently married \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Currently married | Married | Count | 34262 | 20671 | 54933 |
| % within Currently married | 62.4% | 37.6% | 100.0% |
| Unmarried | Count | 1909 | 2006 | 3915 |
| % within Currently married | 48.8% | 51.2% | 100.0% |
| Total | | Count | 36171 | 22677 | 58848 |
| % within Currently married | 61.5% | 38.5% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 285.776a | 1 | .000 |  |  |
| Continuity Correctionb | 285.201 | 1 | .000 |  |  |
| Likelihood Ratio | 278.221 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 285.771 | 1 | .000 |  |  |
| N of Valid Cases | 58848 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1508.64. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintiles** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Poorest | 12818 | 18.3 | 18.3 | 18.3 |
| Second | 13359 | 19.1 | 19.1 | 37.5 |
| Middle | 13821 | 19.8 | 19.8 | 57.3 |
| Fourth | 14241 | 20.4 | 20.4 | 77.6 |
| Richest | 15622 | 22.4 | 22.4 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintiles \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Wealth index quintiles | Poorest | Count | 4457 | 8360 | 12817 |
| % within Wealth index quintiles | 34.8% | 65.2% | 100.0% |
| Second | Count | 6322 | 7037 | 13359 |
| % within Wealth index quintiles | 47.3% | 52.7% | 100.0% |
| Middle | Count | 8780 | 5041 | 13821 |
| % within Wealth index quintiles | 63.5% | 36.5% | 100.0% |
| Fourth | Count | 11503 | 2738 | 14241 |
| % within Wealth index quintiles | 80.8% | 19.2% | 100.0% |
| Richest | Count | 14415 | 1206 | 15621 |
| % within Wealth index quintiles | 92.3% | 7.7% | 100.0% |
| Total | | Count | 45477 | 24382 | 69859 |
| % within Wealth index quintiles | 65.1% | 34.9% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 13679.802a | 4 | .000 |
| Likelihood Ratio | 14761.363 | 4 | .000 |
| Linear-by-Linear Association | 13622.759 | 1 | .000 |
| N of Valid Cases | 69859 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 4473.35. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion of head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Islam | 62084 | 88.9 | 88.9 | 88.9 |
| Hindu | 6925 | 9.9 | 9.9 | 98.8 |
| Christian | 216 | .3 | .3 | 99.1 |
| Buddist | 629 | .9 | .9 | 100.0 |
| Others | 5 | .0 | .0 | 100.0 |
| Missing | 1 | .0 | .0 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Islam | 62084 | 88.9 | 88.9 | 88.9 |
| Others | 7776 | 11.1 | 11.1 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Religion | Islam | Count | 40444 | 21639 | 62083 |
| % within Religion | 65.1% | 34.9% | 100.0% |
| Others | Count | 5033 | 2743 | 7776 |
| % within Religion | 64.7% | 35.3% | 100.0% |
| Total | | Count | 45477 | 24382 | 69859 |
| % within Religion | 65.1% | 34.9% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | .537a | 1 | .464 |  |  |
| Continuity Correctionb | .519 | 1 | .471 |  |  |
| Likelihood Ratio | .536 | 1 | .464 |  |  |
| Fisher's Exact Test |  |  |  | .464 | .236 |
| Linear-by-Linear Association | .537 | 1 | .464 |  |  |
| N of Valid Cases | 69859 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2713.96. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | None | 22937 | 32.8 | 43.3 | 43.3 |
| Primary | 12189 | 17.4 | 23.0 | 66.3 |
| Secondary + | 17728 | 25.4 | 33.4 | 99.7 |
| Non-standard curriculum | 164 | .2 | .3 | 100.0 |
| Total | 53019 | 75.9 | 100.0 |  |
| Missing | System | 16841 | 24.1 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Education of household head | None | Count | 9963 | 12974 | 22937 |
| % within Education of household head | 43.4% | 56.6% | 100.0% |
| Primary | Count | 7412 | 4778 | 12190 |
| % within Education of household head | 60.8% | 39.2% | 100.0% |
| Secondary + | Count | 14599 | 3129 | 17728 |
| % within Education of household head | 82.3% | 17.7% | 100.0% |
| Non-standard curriculum | Count | 92 | 72 | 164 |
| % within Education of household head | 56.1% | 43.9% | 100.0% |
| Total | | Count | 32066 | 20953 | 53019 |
| % within Education of household head | 60.5% | 39.5% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 6337.011a | 3 | .000 |
| Likelihood Ratio | 6677.948 | 3 | .000 |
| Linear-by-Linear Association | 6183.176 | 1 | .000 |
| N of Valid Cases | 53019 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 64.81. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Male | 48904 | 70.0 | 92.2 | 92.2 |
| Female | 4114 | 5.9 | 7.8 | 100.0 |
| Total | 53019 | 75.9 | 100.0 |  |
| Missing | System | 16841 | 24.1 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Sex of household head | Male | Count | 29511 | 19394 | 48905 |
| % within Sex of household head | 60.3% | 39.7% | 100.0% |
| Female | Count | 2556 | 1558 | 4114 |
| % within Sex of household head | 62.1% | 37.9% | 100.0% |
| Total | | Count | 32067 | 20952 | 53019 |
| % within Sex of household head | 60.5% | 39.5% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 5.063a | 1 | .024 |  |  |
| Continuity Correctionb | 4.989 | 1 | .026 |  |  |
| Likelihood Ratio | 5.087 | 1 | .024 |  |  |
| Fisher's Exact Test |  |  |  | .025 | .013 |
| Linear-by-Linear Association | 5.063 | 1 | .024 |  |  |
| N of Valid Cases | 53019 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1625.77. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ethnic group of head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Bangali | 68642 | 98.3 | 98.3 | 98.3 |
| Chakma | 338 | .5 | .5 | 98.7 |
| Saontal | 96 | .1 | .1 | 98.9 |
| Marma | 191 | .3 | .3 | 99.2 |
| Tripura | 83 | .1 | .1 | 99.3 |
| Others | 418 | .6 | .6 | 99.9 |
| Garo | 78 | .1 | .1 | 100.0 |
| Missing | 14 | .0 | .0 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ethnicity \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| ethnicity | Bengali | Count | 44987 | 23655 | 68642 |
| % within ethnicity | 65.5% | 34.5% | 100.0% |
| Others | Count | 490 | 728 | 1218 |
| % within ethnicity | 40.2% | 59.8% | 100.0% |
| Total | | Count | 45477 | 24383 | 69860 |
| % within ethnicity | 65.1% | 34.9% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 337.386a | 1 | .000 |  |  |
| Continuity Correctionb | 336.273 | 1 | .000 |  |  |
| Likelihood Ratio | 317.490 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 337.381 | 1 | .000 |  |  |
| N of Valid Cases | 69860 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 425.11. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can avoid AIDS by having one unifected partner** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 34760 | 49.8 | 76.4 | 76.4 |
| No | 5677 | 8.1 | 12.5 | 88.9 |
| DK | 5023 | 7.2 | 11.0 | 100.0 |
| Missing | 18 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **uninfected\_partner** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 35100 | 50.2 | 50.2 | 50.2 |
| Yes | 34760 | 49.8 | 49.8 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get AIDS from mosquito bites** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 18873 | 27.0 | 41.5 | 41.5 |
| No | 20712 | 29.6 | 45.5 | 87.0 |
| DK | 5873 | 8.4 | 12.9 | 100.0 |
| Missing | 19 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **mosquito\_bites** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 49148 | 70.4 | 70.4 | 70.4 |
| Yes | 20712 | 29.6 | 29.6 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can avoid AIDS by using a condom correctly every time** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 29906 | 42.8 | 65.8 | 65.8 |
| No | 4356 | 6.2 | 9.6 | 75.3 |
| DK | 11170 | 16.0 | 24.6 | 99.9 |
| Missing | 45 | .1 | .1 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **condom\_correctly** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 39954 | 57.2 | 57.2 | 57.2 |
| Yes | 29906 | 42.8 | 42.8 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get AIDS by sharing food with person with AIDS virus** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 17159 | 24.6 | 37.7 | 37.7 |
| No | 24419 | 35.0 | 53.7 | 91.4 |
| DK | 3863 | 5.5 | 8.5 | 99.9 |
| Missing | 37 | .1 | .1 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **sharing\_food** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 24419 | 35.0 | 35.0 | 35.0 |
| Yes | 45441 | 65.0 | 65.0 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get AIDS through supernatural means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 2776 | 4.0 | 6.1 | 6.1 |
| No | 33458 | 47.9 | 73.6 | 79.7 |
| DK | 9228 | 13.2 | 20.3 | 100.0 |
| Missing | 15 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **supernatural\_means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 36402 | 52.1 | 52.1 | 52.1 |
| Yes | 33458 | 47.9 | 47.9 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Healthy-looking person to have AIDS** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 34513 | 49.4 | 75.9 | 75.9 |
| No | 6704 | 9.6 | 14.7 | 90.6 |
| DK | 4248 | 6.1 | 9.3 | 100.0 |
| Missing | 12 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Healthy\_looking** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 35347 | 50.6 | 50.6 | 50.6 |
| Yes | 34513 | 49.4 | 49.4 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIDS from mother to child during pregnancy** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 40832 | 58.4 | 89.8 | 89.8 |
| No | 2041 | 2.9 | 4.5 | 94.3 |
| DK | 2598 | 3.7 | 5.7 | 100.0 |
| Missing | 6 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 29028 | 41.6 | 41.6 | 41.6 |
| Yes | 40832 | 58.4 | 58.4 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIDS from mother to child at delivery** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 34553 | 49.5 | 76.0 | 76.0 |
| No | 4635 | 6.6 | 10.2 | 86.2 |
| DK | 6283 | 9.0 | 13.8 | 100.0 |
| Missing | 6 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **delivery** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 35307 | 50.5 | 50.5 | 50.5 |
| Yes | 34553 | 49.5 | 49.5 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIDS from mother to child through breastmilk** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 40460 | 57.9 | 89.0 | 89.0 |
| No | 2111 | 3.0 | 4.6 | 93.6 |
| DK | 2898 | 4.1 | 6.4 | 100.0 |
| Missing | 8 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **breastfeeding** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 29400 | 42.1 | 42.1 | 42.1 |
| Yes | 40460 | 57.9 | 57.9 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get AIDS by injection with needle already used by someon** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 41855 | 59.9 | 92.0 | 92.0 |
| No | 1619 | 2.3 | 3.6 | 95.6 |
| DK | 1992 | 2.9 | 4.4 | 100.0 |
| Missing | 11 | .0 | .0 | 100.0 |
| Total | 45477 | 65.1 | 100.0 |  |
| Missing | System | 24383 | 34.9 |  |  |
| Total | | 69860 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **needle** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 28005 | 40.1 | 40.1 | 40.1 |
| Yes | 41855 | 59.9 | 59.9 | 100.0 |
| Total | 69860 | 100.0 | 100.0 |  |

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| correct\_response | | |
| N | Valid | 34262 |
| Missing | 0 |
| Median | | 8.0000 |
| Mode | | 8.00 |
| Range | | 10.00 |
| Minimum | | .00 |
| Maximum | | 10.00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **correct\_response** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 13 | .0 | .0 | .0 |
| 1.00 | 518 | 1.5 | 1.5 | 1.5 |
| 2.00 | 454 | 1.3 | 1.3 | 2.9 |
| 3.00 | 692 | 2.0 | 2.0 | 4.9 |
| 4.00 | 1143 | 3.3 | 3.3 | 8.2 |
| 5.00 | 2035 | 5.9 | 5.9 | 14.2 |
| 6.00 | 3753 | 11.0 | 11.0 | 25.1 |
| 7.00 | 6753 | 19.7 | 19.7 | 44.8 |
| 8.00 | 9657 | 28.2 | 28.2 | 73.0 |
| 9.00 | 7952 | 23.2 | 23.2 | 96.2 |
| 10.00 | 1294 | 3.8 | 3.8 | 100.0 |
| Total | 34262 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **score** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | High | 18902 | 55.2 | 55.2 | 55.2 |
| Low | 15360 | 44.8 | 44.8 | 100.0 |
| Total | 34262 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Area | Rural | Count | 10813 | 9997 | 20810 |
| % within Area | 52.0% | 48.0% | 100.0% |
| Urban | Count | 8015 | 5301 | 13316 |
| % within Area | 60.2% | 39.8% | 100.0% |
| Tribal | Count | 74 | 63 | 137 |
| % within Area | 54.0% | 46.0% | 100.0% |
| Total | | Count | 18902 | 15361 | 34263 |
| % within Area | 55.2% | 44.8% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 222.456a | 2 | .000 |
| Likelihood Ratio | 223.330 | 2 | .000 |
| Linear-by-Linear Association | 211.478 | 1 | .000 |
| N of Valid Cases | 34263 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 61.42. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Division | Barisal | Count | 1137 | 926 | 2063 |
| % within Division | 55.1% | 44.9% | 100.0% |
| Chittagong | Count | 3524 | 2600 | 6124 |
| % within Division | 57.5% | 42.5% | 100.0% |
| Dhaka | Count | 6698 | 5672 | 12370 |
| % within Division | 54.1% | 45.9% | 100.0% |
| Khulna | Count | 2926 | 1905 | 4831 |
| % within Division | 60.6% | 39.4% | 100.0% |
| Rajshahi | Count | 3866 | 3527 | 7393 |
| % within Division | 52.3% | 47.7% | 100.0% |
| Sylhet | Count | 750 | 731 | 1481 |
| % within Division | 50.6% | 49.4% | 100.0% |
| Total | | Count | 18901 | 15361 | 34262 |
| % within Division | 55.2% | 44.8% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 113.114a | 5 | .000 |
| Likelihood Ratio | 113.564 | 5 | .000 |
| Linear-by-Linear Association | 18.485 | 1 | .000 |
| N of Valid Cases | 34262 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 663.99. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **women\_age \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| women\_age | 15-24 | Count | 6709 | 5305 | 12014 |
| % within women\_age | 55.8% | 44.2% | 100.0% |
| 25-34 | Count | 6892 | 5328 | 12220 |
| % within women\_age | 56.4% | 43.6% | 100.0% |
| 35-44 | Count | 4194 | 3536 | 7730 |
| % within women\_age | 54.3% | 45.7% | 100.0% |
| 44+ | Count | 1107 | 1191 | 2298 |
| % within women\_age | 48.2% | 51.8% | 100.0% |
| Total | | Count | 18902 | 15360 | 34262 |
| % within women\_age | 55.2% | 44.8% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 57.776a | 3 | .000 |
| Likelihood Ratio | 57.497 | 3 | .000 |
| Linear-by-Linear Association | 31.281 | 1 | .000 |
| N of Valid Cases | 34262 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1030.22. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Education | None | Count | 3239 | 4355 | 7594 |
| % within Education | 42.7% | 57.3% | 100.0% |
| Primary incomplete | Count | 2242 | 2403 | 4645 |
| % within Education | 48.3% | 51.7% | 100.0% |
| Primary completed | Count | 2564 | 2320 | 4884 |
| % within Education | 52.5% | 47.5% | 100.0% |
| Secondary incomplete | Count | 6750 | 4514 | 11264 |
| % within Education | 59.9% | 40.1% | 100.0% |
| Secondary completed or higher | Count | 4081 | 1725 | 5806 |
| % within Education | 70.3% | 29.7% | 100.0% |
| Non-standard curriculum | Count | 26 | 43 | 69 |
| % within Education | 37.7% | 62.3% | 100.0% |
| Total | | Count | 18902 | 15360 | 34262 |
| % within Education | 55.2% | 44.8% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 1232.868a | 5 | .000 |
| Likelihood Ratio | 1250.780 | 5 | .000 |
| Linear-by-Linear Association | 1160.644 | 1 | .000 |
| N of Valid Cases | 34262 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 30.93. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintiles \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Wealth index quintiles | Poorest | Count | 1547 | 1926 | 3473 |
| % within Wealth index quintiles | 44.5% | 55.5% | 100.0% |
| Second | Count | 2267 | 2539 | 4806 |
| % within Wealth index quintiles | 47.2% | 52.8% | 100.0% |
| Middle | Count | 3407 | 3250 | 6657 |
| % within Wealth index quintiles | 51.2% | 48.8% | 100.0% |
| Fourth | Count | 4925 | 3776 | 8701 |
| % within Wealth index quintiles | 56.6% | 43.4% | 100.0% |
| Richest | Count | 6756 | 3869 | 10625 |
| % within Wealth index quintiles | 63.6% | 36.4% | 100.0% |
| Total | | Count | 18902 | 15360 | 34262 |
| % within Wealth index quintiles | 55.2% | 44.8% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 637.274a | 4 | .000 |
| Likelihood Ratio | 640.293 | 4 | .000 |
| Linear-by-Linear Association | 618.628 | 1 | .000 |
| N of Valid Cases | 34262 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1556.98. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Religion | Islam | Count | 16752 | 13827 | 30579 |
| % within Religion | 54.8% | 45.2% | 100.0% |
| Others | Count | 2150 | 1533 | 3683 |
| % within Religion | 58.4% | 41.6% | 100.0% |
| Total | | Count | 18902 | 15360 | 34262 |
| % within Religion | 55.2% | 44.8% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 17.163a | 1 | .000 |  |  |
| Continuity Correctionb | 17.018 | 1 | .000 |  |  |
| Likelihood Ratio | 17.242 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 17.163 | 1 | .000 |  |  |
| N of Valid Cases | 34262 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1651.13. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Education of household head | None | Count | 4179 | 4727 | 8906 |
| % within Education of household head | 46.9% | 53.1% | 100.0% |
| Primary | Count | 3402 | 3268 | 6670 |
| % within Education of household head | 51.0% | 49.0% | 100.0% |
| Secondary + | Count | 8308 | 5160 | 13468 |
| % within Education of household head | 61.7% | 38.3% | 100.0% |
| Non-standard curriculum | Count | 46 | 42 | 88 |
| % within Education of household head | 52.3% | 47.7% | 100.0% |
| Total | | Count | 15935 | 13197 | 29132 |
| % within Education of household head | 54.7% | 45.3% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 519.661a | 3 | .000 |
| Likelihood Ratio | 521.563 | 3 | .000 |
| Linear-by-Linear Association | 487.960 | 1 | .000 |
| N of Valid Cases | 29132 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 39.86. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| Sex of household head | Male | Count | 15107 | 12537 | 27644 |
| % within Sex of household head | 54.6% | 45.4% | 100.0% |
| Female | Count | 827 | 660 | 1487 |
| % within Sex of household head | 55.6% | 44.4% | 100.0% |
| Total | | Count | 15934 | 13197 | 29131 |
| % within Sex of household head | 54.7% | 45.3% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | .532a | 1 | .466 |  |  |
| Continuity Correctionb | .494 | 1 | .482 |  |  |
| Likelihood Ratio | .533 | 1 | .465 |  |  |
| Fisher's Exact Test |  |  |  | .470 | .241 |
| Linear-by-Linear Association | .532 | 1 | .466 |  |  |
| N of Valid Cases | 29131 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 673.64. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ethnicity \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| High | Low |
| ethnicity | Bengali | Count | 18728 | 15214 | 33942 |
| % within ethnicity | 55.2% | 44.8% | 100.0% |
| Others | Count | 174 | 147 | 321 |
| % within ethnicity | 54.2% | 45.8% | 100.0% |
| Total | | Count | 18902 | 15361 | 34263 |
| % within ethnicity | 55.2% | 44.8% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | .121a | 1 | .728 |  |  |
| Continuity Correctionb | .085 | 1 | .770 |  |  |
| Likelihood Ratio | .121 | 1 | .728 |  |  |
| Fisher's Exact Test |  |  |  | .736 | .385 |
| Linear-by-Linear Association | .121 | 1 | .728 |  |  |
| N of Valid Cases | 34263 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 143.91. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

LOGISTIC REGRESSION VARIABLES score

/METHOD=BSTEP(LR) Area HH7 women\_age melevel MA1 wlthind5 helevel2 HHSEX ethnicity Religion

/SAVE=PRED

/CONTRAST (Area)=Indicator (3)

/CONTRAST (HH7)=Indicator (6)

/CONTRAST (women\_age)=Indicator (4)

/CONTRAST (melevel)=Indicator (1)

/CONTRAST (MA1)=Indicator (2)

/CONTRAST (wlthind5)=Indicator (1)

/CONTRAST (helevel2)=Indicator (1)

/CONTRAST (HHSEX)=Indicator (2)

/CONTRAST (ethnicity)=Indicator (2)

/CONTRAST (Religion)=Indicator (1)

/PRINT=GOODFIT CI(95)

/CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).

**Logistic Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** | | |
| Output Created | | 16-NOV-2020 15:49:36 |
| Comments | |  |
| Input | Data | F:\ResearchProject\Jamal Sir\Shumi\Bangladesh 2006 MICS\_Datasets\wm.sav |
| Filter | <none> |
| Weight | Women's sample weight |
| Split File | <none> |
| N of Rows in Working Data File | 33843 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing |
| Syntax | | LOGISTIC REGRESSION VARIABLES score  /METHOD=BSTEP(LR) Area HH7 women\_age melevel MA1 wlthind5 helevel2 HHSEX ethnicity Religion  /SAVE=PRED  /CONTRAST (Area)=Indicator (3)  /CONTRAST (HH7)=Indicator (6)  /CONTRAST (women\_age)=Indicator (4)  /CONTRAST (melevel)=Indicator (1)  /CONTRAST (MA1)=Indicator (2)  /CONTRAST (wlthind5)=Indicator (1)  /CONTRAST (helevel2)=Indicator (1)  /CONTRAST (HHSEX)=Indicator (2)  /CONTRAST (ethnicity)=Indicator (2)  /CONTRAST (Religion)=Indicator (1)  /PRINT=GOODFIT CI(95)  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5). |
| Resources | Processor Time | 00:00:03.16 |
| Elapsed Time | 00:00:03.17 |
| Variables Created or Modified | PRE\_3 | Predicted probability |

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
| Unweighted Casesa | | N | Percent |
| Selected Cases | Included in Analysis | 28857 | 85.3 |
| Missing Cases | 4986 | 14.7 |
| Total | 33843 | 100.0 |
| Unselected Cases | | 0 | .0 |
| Total | | 33843 | 100.0 |
| a. If weight is in effect, see classification table for the total number of cases. | | | |

|  |  |
| --- | --- |
| **Dependent Variable Encoding** | |
| Original Value | Internal Value |
| High | 0 |
| Low | 1 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Categorical Variables Codings** | | | | | | | |
|  | | Frequency | Parameter coding | | | | |
| (1) | (2) | (3) | (4) | (5) |
| Division | Barisal | 2868 | 1.000 | .000 | .000 | .000 | .000 |
| Chittagong | 4944 | .000 | 1.000 | .000 | .000 | .000 |
| Dhaka | 8396 | .000 | .000 | 1.000 | .000 | .000 |
| Khulna | 5202 | .000 | .000 | .000 | 1.000 | .000 |
| Rajshahi | 5860 | .000 | .000 | .000 | .000 | 1.000 |
| Sylhet | 1587 | .000 | .000 | .000 | .000 | .000 |
| Education | None | 7035 | .000 | .000 | .000 | .000 | .000 |
| Primary incomplete | 4386 | 1.000 | .000 | .000 | .000 | .000 |
| Primary completed | 4193 | .000 | 1.000 | .000 | .000 | .000 |
| Secondary incomplete | 8736 | .000 | .000 | 1.000 | .000 | .000 |
| Secondary completed or higher | 4445 | .000 | .000 | .000 | 1.000 | .000 |
| Non-standard curriculum | 62 | .000 | .000 | .000 | .000 | 1.000 |
| Wealth index quintiles | Poorest | 3146 | .000 | .000 | .000 | .000 |  |
| Second | 4349 | 1.000 | .000 | .000 | .000 |  |
| Middle | 5832 | .000 | 1.000 | .000 | .000 |  |
| Fourth | 7273 | .000 | .000 | 1.000 | .000 |  |
| Richest | 8257 | .000 | .000 | .000 | 1.000 |  |
| women\_age | 15-24 | 8171 | 1.000 | .000 | .000 |  |  |
| 25-34 | 10960 | .000 | 1.000 | .000 |  |  |
| 35-44 | 7509 | .000 | .000 | 1.000 |  |  |
| 44+ | 2217 | .000 | .000 | .000 |  |  |
| Education of household head | None | 8830 | .000 | .000 | .000 |  |  |
| Primary | 6755 | 1.000 | .000 | .000 |  |  |
| Secondary + | 13194 | .000 | 1.000 | .000 |  |  |
| Non-standard curriculum | 78 | .000 | .000 | 1.000 |  |  |
| Area | Rural | 16372 | 1.000 | .000 |  |  |  |
| Urban | 11798 | .000 | 1.000 |  |  |  |
| Tribal | 687 | .000 | .000 |  |  |  |
| ethnicity | Bengali | 27874 | 1.000 |  |  |  |  |
| Others | 983 | .000 |  |  |  |  |
| Sex of household head | Male | 27445 | 1.000 |  |  |  |  |
| Female | 1412 | .000 |  |  |  |  |
| Religion | Islam | 24865 | .000 |  |  |  |  |
| Others | 3992 | 1.000 |  |  |  |  |

**Block 0: Beginning Block**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea,b** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | High | Low |
| Step 0 | score | High | 15934 | 0 | 100.0 |
| Low | 13197 | 0 | .0 |
| Overall Percentage | |  |  | 54.7 |
| a. Constant is included in the model. | | | | | |
| b. The cut value is .500 | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** | | | | | | | |
|  | | B | S.E. | Wald | df | Sig. | Exp(B) |
| Step 0 | Constant | -.188 | .012 | 256.391 | 1 | .000 | .828 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 0 | Variables | Area | 230.369 | 2 | .000 |
| Area(1) | 228.035 | 1 | .000 |
| Area(2) | 230.125 | 1 | .000 |
| Division | 91.952 | 5 | .000 |
| Division(1) | .041 | 1 | .839 |
| Division(2) | 12.077 | 1 | .001 |
| Division(3) | 4.291 | 1 | .038 |
| Division(4) | 53.979 | 1 | .000 |
| Division(5) | 28.398 | 1 | .000 |
| women\_age | 49.692 | 3 | .000 |
| women\_age(1) | .843 | 1 | .358 |
| women\_age(2) | 14.580 | 1 | .000 |
| women\_age(3) | 1.499 | 1 | .221 |
| Education | 1065.136 | 5 | .000 |
| Education(1) | 73.542 | 1 | .000 |
| Education(2) | 9.718 | 1 | .002 |
| Education(3) | 149.493 | 1 | .000 |
| Education(4) | 564.549 | 1 | .000 |
| Education(5) | 10.763 | 1 | .001 |
| Wealth index quintiles | 582.678 | 4 | .000 |
| Wealth index quintiles(1) | 122.201 | 1 | .000 |
| Wealth index quintiles(2) | 43.531 | 1 | .000 |
| Wealth index quintiles(3) | 9.860 | 1 | .002 |
| Wealth index quintiles(4) | 408.871 | 1 | .000 |
| Education of household head | 519.629 | 3 | .000 |
| Education of household head(1) | 47.605 | 1 | .000 |
| Education of household head(2) | 493.537 | 1 | .000 |
| Education of household head(3) | .226 | 1 | .635 |
| Sex of household head(1) | .526 | 1 | .468 |
| ethnicity(1) | .176 | 1 | .675 |
| Religion(1) | 20.513 | 1 | .000 |
| Overall Statistics | | 1360.810 | 25 | .000 |

**Block 1: Method = Backward Stepwise (Likelihood Ratio)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Omnibus Tests of Model Coefficients** | | | | |
|  | | Chi-square | df | Sig. |
| Step 1 | Step | 1388.390 | 25 | .000 |
| Block | 1388.390 | 25 | .000 |
| Model | 1388.390 | 25 | .000 |
| Step 2a | Step | -.071 | 1 | .790 |
| Block | 1388.320 | 24 | .000 |
| Model | 1388.320 | 24 | .000 |
| Step 3a | Step | -1.191 | 1 | .275 |
| Block | 1387.129 | 23 | .000 |
| Model | 1387.129 | 23 | .000 |
| a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step. | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Model Summary** | | | |
| Step | -2 Log likelihood | Cox & Snell R Square | Nagelkerke R Square |
| 1 | 38737.393a | .047 | .062 |
| 2 | 38737.464a | .047 | .062 |
| 3 | 38738.655a | .047 | .062 |
| a. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Hosmer and Lemeshow Test** | | | |
| Step | Chi-square | df | Sig. |
| 1 | 11.192 | 8 | .191 |
| 2 | 10.746 | 8 | .217 |
| 3 | 8.253 | 8 | .409 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Contingency Table for Hosmer and Lemeshow Test** | | | | | | |
|  | | score = High | | score = Low | | Total |
| Observed | Expected | Observed | Expected |
| Step 1 | 1 | 2119 | 2123.960 | 790 | 784.898 | 2909 |
| 2 | 1979 | 1967.387 | 934 | 945.656 | 2913 |
| 3 | 1844 | 1838.277 | 1069 | 1074.853 | 2913 |
| 4 | 1664 | 1722.884 | 1242 | 1183.377 | 2906 |
| 5 | 1679 | 1628.934 | 1235 | 1285.193 | 2914 |
| 6 | 1552 | 1533.005 | 1361 | 1379.555 | 2913 |
| 7 | 1423 | 1442.887 | 1499 | 1478.458 | 2921 |
| 8 | 1335 | 1341.722 | 1580 | 1573.047 | 2915 |
| 9 | 1228 | 1246.192 | 1708 | 1689.118 | 2935 |
| 10 | 1112 | 1088.430 | 1779 | 1802.572 | 2891 |
| Step 2 | 1 | 2143 | 2147.309 | 799 | 794.749 | 2942 |
| 2 | 1983 | 1965.940 | 931 | 947.531 | 2913 |
| 3 | 1839 | 1837.757 | 1076 | 1076.826 | 2915 |
| 4 | 1667 | 1726.065 | 1247 | 1187.750 | 2914 |
| 5 | 1672 | 1627.714 | 1242 | 1286.819 | 2915 |
| 6 | 1556 | 1531.616 | 1356 | 1381.146 | 2913 |
| 7 | 1415 | 1436.265 | 1495 | 1474.083 | 2910 |
| 8 | 1325 | 1338.999 | 1586 | 1571.981 | 2911 |
| 9 | 1232 | 1240.507 | 1692 | 1683.473 | 2924 |
| 10 | 1102 | 1081.506 | 1772 | 1792.369 | 2874 |
| Step 3 | 1 | 2140 | 2143.313 | 797 | 793.285 | 2937 |
| 2 | 1980 | 1964.967 | 932 | 947.294 | 2912 |
| 3 | 1836 | 1837.325 | 1078 | 1076.120 | 2913 |
| 4 | 1674 | 1724.190 | 1237 | 1186.084 | 2910 |
| 5 | 1667 | 1625.680 | 1243 | 1284.113 | 2910 |
| 6 | 1554 | 1535.912 | 1366 | 1383.728 | 2920 |
| 7 | 1420 | 1437.005 | 1491 | 1473.971 | 2911 |
| 8 | 1324 | 1340.187 | 1589 | 1572.709 | 2913 |
| 9 | 1237 | 1243.382 | 1693 | 1686.872 | 2930 |
| 10 | 1102 | 1081.716 | 1772 | 1792.551 | 2874 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | High | Low |
| Step 1 | score | High | 11257 | 4676 | 70.7 |
| Low | 7025 | 6172 | 46.8 |
| Overall Percentage | |  |  | 59.8 |
| Step 2 | score | High | 11262 | 4672 | 70.7 |
| Low | 7028 | 6169 | 46.7 |
| Overall Percentage | |  |  | 59.8 |
| Step 3 | score | High | 11257 | 4677 | 70.6 |
| Low | 7032 | 6165 | 46.7 |
| Overall Percentage | |  |  | 59.8 |
| a. The cut value is .500 | | | | | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** | | | | | | | | | |
|  | | B | S.E. | Wald | df | Sig. | Exp(B) | 95% C.I.for EXP(B) | |
| Lower | Upper |
| Step 1a | Area |  |  | 32.954 | 2 | .000 |  |  |  |
| Area(1) | .151 | .244 | .384 | 1 | .535 | 1.163 | .721 | 1.876 |
| Area(2) | -.014 | .245 | .003 | 1 | .953 | .986 | .610 | 1.593 |
| Division |  |  | 91.254 | 5 | .000 |  |  |  |
| Division(1) | -.184 | .078 | 5.568 | 1 | .018 | .832 | .714 | .969 |
| Division(2) | -.215 | .067 | 10.392 | 1 | .001 | .807 | .708 | .919 |
| Division(3) | -.166 | .063 | 6.919 | 1 | .009 | .847 | .748 | .958 |
| Division(4) | -.455 | .068 | 44.681 | 1 | .000 | .634 | .555 | .725 |
| Division(5) | -.102 | .066 | 2.400 | 1 | .121 | .903 | .794 | 1.027 |
| women\_age |  |  | 35.889 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.211 | 1 | .000 | .791 | .715 | .874 |
| women\_age(2) | -.288 | .048 | 35.743 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.696 | 1 | .000 | .794 | .721 | .875 |
| Education |  |  | 381.851 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.856 | 1 | .000 | .831 | .768 | .900 |
| Education(2) | -.323 | .041 | 60.864 | 1 | .000 | .724 | .668 | .785 |
| Education(3) | -.572 | .039 | 214.801 | 1 | .000 | .564 | .523 | .609 |
| Education(4) | -.910 | .050 | 331.677 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .311 | .267 | 1.352 | 1 | .245 | 1.364 | .808 | 2.302 |
| Wealth index quintiles |  |  | 57.314 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.034 | .048 | .497 | 1 | .481 | .967 | .881 | 1.062 |
| Wealth index quintiles(2) | -.134 | .045 | 8.632 | 1 | .003 | .875 | .800 | .956 |
| Wealth index quintiles(3) | -.262 | .046 | 33.047 | 1 | .000 | .770 | .704 | .841 |
| Wealth index quintiles(4) | -.295 | .051 | 32.871 | 1 | .000 | .744 | .673 | .823 |
| Education of household head |  |  | 6.969 | 3 | .073 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .955 | 1.002 | .937 | 1.072 |
| Education of household head(2) | -.078 | .035 | 4.897 | 1 | .027 | .925 | .863 | .991 |
| Education of household head(3) | -.106 | .223 | .229 | 1 | .633 | .899 | .581 | 1.391 |
| Sex of household head(1) | -.015 | .056 | .071 | 1 | .790 | .985 | .883 | 1.099 |
| ethnicity(1) | -.182 | .166 | 1.199 | 1 | .273 | .834 | .602 | 1.155 |
| Religion(1) | -.105 | .041 | 6.470 | 1 | .011 | .900 | .830 | .976 |
| Constant | .963 | .212 | 20.547 | 1 | .000 | 2.620 |  |  |
| Step 2a | Area |  |  | 33.116 | 2 | .000 |  |  |  |
| Area(1) | .150 | .244 | .380 | 1 | .538 | 1.162 | .721 | 1.875 |
| Area(2) | -.015 | .245 | .004 | 1 | .950 | .985 | .609 | 1.591 |
| Division |  |  | 91.412 | 5 | .000 |  |  |  |
| Division(1) | -.184 | .078 | 5.571 | 1 | .018 | .832 | .714 | .969 |
| Division(2) | -.214 | .067 | 10.334 | 1 | .001 | .807 | .708 | .920 |
| Division(3) | -.166 | .063 | 6.931 | 1 | .008 | .847 | .748 | .958 |
| Division(4) | -.456 | .068 | 44.870 | 1 | .000 | .634 | .555 | .724 |
| Division(5) | -.102 | .066 | 2.429 | 1 | .119 | .903 | .794 | 1.027 |
| women\_age |  |  | 35.834 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.220 | 1 | .000 | .791 | .715 | .874 |
| women\_age(2) | -.288 | .048 | 35.692 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.643 | 1 | .000 | .795 | .721 | .875 |
| Education |  |  | 381.987 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.826 | 1 | .000 | .832 | .768 | .900 |
| Education(2) | -.322 | .041 | 60.801 | 1 | .000 | .724 | .668 | .786 |
| Education(3) | -.572 | .039 | 214.888 | 1 | .000 | .565 | .523 | .609 |
| Education(4) | -.909 | .050 | 331.666 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .311 | .267 | 1.356 | 1 | .244 | 1.365 | .809 | 2.303 |
| Wealth index quintiles |  |  | 57.288 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.033 | .048 | .492 | 1 | .483 | .967 | .881 | 1.062 |
| Wealth index quintiles(2) | -.133 | .045 | 8.599 | 1 | .003 | .875 | .801 | .957 |
| Wealth index quintiles(3) | -.261 | .046 | 32.977 | 1 | .000 | .770 | .704 | .842 |
| Wealth index quintiles(4) | -.294 | .051 | 32.803 | 1 | .000 | .745 | .674 | .824 |
| Education of household head |  |  | 7.089 | 3 | .069 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .958 | 1.002 | .937 | 1.071 |
| Education of household head(2) | -.079 | .035 | 4.991 | 1 | .025 | .924 | .862 | .990 |
| Education of household head(3) | -.107 | .222 | .229 | 1 | .632 | .899 | .581 | 1.390 |
| ethnicity(1) | -.182 | .166 | 1.196 | 1 | .274 | .834 | .602 | 1.155 |
| Religion(1) | -.105 | .041 | 6.547 | 1 | .011 | .900 | .830 | .976 |
| Constant | .949 | .206 | 21.228 | 1 | .000 | 2.584 |  |  |
| Step 3a | Area |  |  | 33.015 | 2 | .000 |  |  |  |
| Area(1) | -.020 | .188 | .011 | 1 | .916 | .980 | .678 | 1.417 |
| Area(2) | -.186 | .189 | .963 | 1 | .326 | .831 | .573 | 1.203 |
| Division |  |  | 92.201 | 5 | .000 |  |  |  |
| Division(1) | -.188 | .078 | 5.819 | 1 | .016 | .829 | .712 | .965 |
| Division(2) | -.215 | .067 | 10.431 | 1 | .001 | .806 | .708 | .919 |
| Division(3) | -.170 | .063 | 7.207 | 1 | .007 | .844 | .746 | .955 |
| Division(4) | -.460 | .068 | 45.702 | 1 | .000 | .632 | .553 | .722 |
| Division(5) | -.105 | .066 | 2.555 | 1 | .110 | .901 | .792 | 1.024 |
| women\_age |  |  | 35.793 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.275 | 1 | .000 | .790 | .715 | .873 |
| women\_age(2) | -.288 | .048 | 35.660 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.637 | 1 | .000 | .795 | .721 | .875 |
| Education |  |  | 381.833 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.877 | 1 | .000 | .831 | .768 | .900 |
| Education(2) | -.323 | .041 | 60.950 | 1 | .000 | .724 | .668 | .785 |
| Education(3) | -.572 | .039 | 214.774 | 1 | .000 | .565 | .523 | .609 |
| Education(4) | -.909 | .050 | 331.643 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .312 | .267 | 1.362 | 1 | .243 | 1.366 | .809 | 2.305 |
| Wealth index quintiles |  |  | 57.382 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.034 | .048 | .504 | 1 | .478 | .967 | .880 | 1.061 |
| Wealth index quintiles(2) | -.134 | .045 | 8.660 | 1 | .003 | .875 | .800 | .956 |
| Wealth index quintiles(3) | -.262 | .046 | 33.037 | 1 | .000 | .770 | .704 | .842 |
| Wealth index quintiles(4) | -.295 | .051 | 32.976 | 1 | .000 | .744 | .673 | .823 |
| Education of household head |  |  | 7.047 | 3 | .070 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .956 | 1.002 | .937 | 1.071 |
| Education of household head(2) | -.079 | .035 | 4.954 | 1 | .026 | .924 | .862 | .991 |
| Education of household head(3) | -.107 | .222 | .231 | 1 | .631 | .899 | .581 | 1.390 |
| Religion(1) | -.097 | .040 | 5.752 | 1 | .016 | .907 | .838 | .982 |
| Constant | .941 | .206 | 20.875 | 1 | .000 | 2.562 |  |  |
| a. Variable(s) entered on step 1: Area, Division, women\_age, Education, Wealth index quintiles, Education of household head, Sex of household head, ethnicity, Religion. | | | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model if Term Removed** | | | | | |
| Variable | | Model Log Likelihood | Change in -2 Log Likelihood | df | Sig. of the Change |
| Step 1 | Area | -19385.166 | 32.940 | 2 | .000 |
| Division | -19414.749 | 92.106 | 5 | .000 |
| women\_age | -19386.655 | 35.917 | 3 | .000 |
| Education | -19562.274 | 387.154 | 5 | .000 |
| Wealth index quintiles | -19397.354 | 57.315 | 4 | .000 |
| Education of household head | -19372.178 | 6.962 | 3 | .073 |
| Sex of household head | -19368.732 | .071 | 1 | .790 |
| ethnicity | -19369.294 | 1.194 | 1 | .275 |
| Religion | -19371.944 | 6.495 | 1 | .011 |
| Step 2 | Area | -19385.283 | 33.102 | 2 | .000 |
| Division | -19414.869 | 92.274 | 5 | .000 |
| women\_age | -19386.663 | 35.862 | 3 | .000 |
| Education | -19562.371 | 387.278 | 5 | .000 |
| Wealth index quintiles | -19397.375 | 57.287 | 4 | .000 |
| Education of household head | -19372.272 | 7.081 | 3 | .069 |
| ethnicity | -19369.327 | 1.191 | 1 | .275 |
| Religion | -19372.018 | 6.573 | 1 | .010 |
| Step 3 | Area | -19385.828 | 33.001 | 2 | .000 |
| Division | -19415.867 | 93.079 | 5 | .000 |
| women\_age | -19387.238 | 35.821 | 3 | .000 |
| Education | -19562.889 | 387.124 | 5 | .000 |
| Wealth index quintiles | -19398.018 | 57.381 | 4 | .000 |
| Education of household head | -19372.847 | 7.039 | 3 | .071 |
| Religion | -19372.213 | 5.772 | 1 | .016 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 2a | Variables | Sex of household head(1) | .071 | 1 | .790 |
| Overall Statistics | | .071 | 1 | .790 |
| Step 3b | Variables | Sex of household head(1) | .067 | 1 | .795 |
| ethnicity(1) | 1.198 | 1 | .274 |
| Overall Statistics | | 1.269 | 2 | .530 |
| a. Variable(s) removed on step 2: Sex of household head. | | | | | |
| b. Variable(s) removed on step 3: ethnicity. | | | | | |

\*\*\*\*Stepwise.

LOGISTIC REGRESSION VARIABLES score

/METHOD=BSTEP(LR) Area HH7 women\_age melevel MA1 wlthind5 helevel2 HHSEX ethnicity Religion

/SAVE=PRED

/CONTRAST (Area)=Indicator (3)

/CONTRAST (HH7)=Indicator (6)

/CONTRAST (women\_age)=Indicator (4)

/CONTRAST (melevel)=Indicator (1)

/CONTRAST (MA1)=Indicator (2)

/CONTRAST (wlthind5)=Indicator (1)

/CONTRAST (helevel2)=Indicator (1)

/CONTRAST (HHSEX)=Indicator (2)

/CONTRAST (ethnicity)=Indicator (2)

/CONTRAST (Religion)=Indicator (2)

/PRINT=GOODFIT CI(95)

/CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).

**Logistic Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** | | |
| Output Created | | 16-NOV-2020 15:51:09 |
| Comments | |  |
| Input | Data | F:\ResearchProject\Jamal Sir\Shumi\Bangladesh 2006 MICS\_Datasets\wm.sav |
| Filter | <none> |
| Weight | Women's sample weight |
| Split File | <none> |
| N of Rows in Working Data File | 33843 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing |
| Syntax | | LOGISTIC REGRESSION VARIABLES score  /METHOD=BSTEP(LR) Area HH7 women\_age melevel MA1 wlthind5 helevel2 HHSEX ethnicity Religion  /SAVE=PRED  /CONTRAST (Area)=Indicator (3)  /CONTRAST (HH7)=Indicator (6)  /CONTRAST (women\_age)=Indicator (4)  /CONTRAST (melevel)=Indicator (1)  /CONTRAST (MA1)=Indicator (2)  /CONTRAST (wlthind5)=Indicator (1)  /CONTRAST (helevel2)=Indicator (1)  /CONTRAST (HHSEX)=Indicator (2)  /CONTRAST (ethnicity)=Indicator (2)  /CONTRAST (Religion)=Indicator (2)  /PRINT=GOODFIT CI(95)  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5). |
| Resources | Processor Time | 00:00:03.19 |
| Elapsed Time | 00:00:03.21 |
| Variables Created or Modified | PRE\_4 | Predicted probability |

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
| Unweighted Casesa | | N | Percent |
| Selected Cases | Included in Analysis | 28857 | 85.3 |
| Missing Cases | 4986 | 14.7 |
| Total | 33843 | 100.0 |
| Unselected Cases | | 0 | .0 |
| Total | | 33843 | 100.0 |
| a. If weight is in effect, see classification table for the total number of cases. | | | |

|  |  |
| --- | --- |
| **Dependent Variable Encoding** | |
| Original Value | Internal Value |
| High | 0 |
| Low | 1 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Categorical Variables Codings** | | | | | | | |
|  | | Frequency | Parameter coding | | | | |
| (1) | (2) | (3) | (4) | (5) |
| Division | Barisal | 2868 | 1.000 | .000 | .000 | .000 | .000 |
| Chittagong | 4944 | .000 | 1.000 | .000 | .000 | .000 |
| Dhaka | 8396 | .000 | .000 | 1.000 | .000 | .000 |
| Khulna | 5202 | .000 | .000 | .000 | 1.000 | .000 |
| Rajshahi | 5860 | .000 | .000 | .000 | .000 | 1.000 |
| Sylhet | 1587 | .000 | .000 | .000 | .000 | .000 |
| Education | None | 7035 | .000 | .000 | .000 | .000 | .000 |
| Primary incomplete | 4386 | 1.000 | .000 | .000 | .000 | .000 |
| Primary completed | 4193 | .000 | 1.000 | .000 | .000 | .000 |
| Secondary incomplete | 8736 | .000 | .000 | 1.000 | .000 | .000 |
| Secondary completed or higher | 4445 | .000 | .000 | .000 | 1.000 | .000 |
| Non-standard curriculum | 62 | .000 | .000 | .000 | .000 | 1.000 |
| Wealth index quintiles | Poorest | 3146 | .000 | .000 | .000 | .000 |  |
| Second | 4349 | 1.000 | .000 | .000 | .000 |  |
| Middle | 5832 | .000 | 1.000 | .000 | .000 |  |
| Fourth | 7273 | .000 | .000 | 1.000 | .000 |  |
| Richest | 8257 | .000 | .000 | .000 | 1.000 |  |
| women\_age | 15-24 | 8171 | 1.000 | .000 | .000 |  |  |
| 25-34 | 10960 | .000 | 1.000 | .000 |  |  |
| 35-44 | 7509 | .000 | .000 | 1.000 |  |  |
| 44+ | 2217 | .000 | .000 | .000 |  |  |
| Education of household head | None | 8830 | .000 | .000 | .000 |  |  |
| Primary | 6755 | 1.000 | .000 | .000 |  |  |
| Secondary + | 13194 | .000 | 1.000 | .000 |  |  |
| Non-standard curriculum | 78 | .000 | .000 | 1.000 |  |  |
| Area | Rural | 16372 | 1.000 | .000 |  |  |  |
| Urban | 11798 | .000 | 1.000 |  |  |  |
| Tribal | 687 | .000 | .000 |  |  |  |
| ethnicity | Bengali | 27874 | 1.000 |  |  |  |  |
| Others | 983 | .000 |  |  |  |  |
| Sex of household head | Male | 27445 | 1.000 |  |  |  |  |
| Female | 1412 | .000 |  |  |  |  |
| Religion | Islam | 24865 | 1.000 |  |  |  |  |
| Others | 3992 | .000 |  |  |  |  |

**Block 0: Beginning Block**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea,b** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | High | Low |
| Step 0 | score | High | 15934 | 0 | 100.0 |
| Low | 13197 | 0 | .0 |
| Overall Percentage | |  |  | 54.7 |
| a. Constant is included in the model. | | | | | |
| b. The cut value is .500 | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** | | | | | | | |
|  | | B | S.E. | Wald | df | Sig. | Exp(B) |
| Step 0 | Constant | -.188 | .012 | 256.391 | 1 | .000 | .828 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 0 | Variables | Area | 230.369 | 2 | .000 |
| Area(1) | 228.035 | 1 | .000 |
| Area(2) | 230.125 | 1 | .000 |
| Division | 91.952 | 5 | .000 |
| Division(1) | .041 | 1 | .839 |
| Division(2) | 12.077 | 1 | .001 |
| Division(3) | 4.291 | 1 | .038 |
| Division(4) | 53.979 | 1 | .000 |
| Division(5) | 28.398 | 1 | .000 |
| women\_age | 49.692 | 3 | .000 |
| women\_age(1) | .843 | 1 | .358 |
| women\_age(2) | 14.580 | 1 | .000 |
| women\_age(3) | 1.499 | 1 | .221 |
| Education | 1065.136 | 5 | .000 |
| Education(1) | 73.542 | 1 | .000 |
| Education(2) | 9.718 | 1 | .002 |
| Education(3) | 149.493 | 1 | .000 |
| Education(4) | 564.549 | 1 | .000 |
| Education(5) | 10.763 | 1 | .001 |
| Wealth index quintiles | 582.678 | 4 | .000 |
| Wealth index quintiles(1) | 122.201 | 1 | .000 |
| Wealth index quintiles(2) | 43.531 | 1 | .000 |
| Wealth index quintiles(3) | 9.860 | 1 | .002 |
| Wealth index quintiles(4) | 408.871 | 1 | .000 |
| Education of household head | 519.629 | 3 | .000 |
| Education of household head(1) | 47.605 | 1 | .000 |
| Education of household head(2) | 493.537 | 1 | .000 |
| Education of household head(3) | .226 | 1 | .635 |
| Sex of household head(1) | .526 | 1 | .468 |
| ethnicity(1) | .176 | 1 | .675 |
| Religion(1) | 20.513 | 1 | .000 |
| Overall Statistics | | 1360.810 | 25 | .000 |

**Block 1: Method = Backward Stepwise (Likelihood Ratio)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Omnibus Tests of Model Coefficients** | | | | |
|  | | Chi-square | df | Sig. |
| Step 1 | Step | 1388.390 | 25 | .000 |
| Block | 1388.390 | 25 | .000 |
| Model | 1388.390 | 25 | .000 |
| Step 2a | Step | -.071 | 1 | .790 |
| Block | 1388.320 | 24 | .000 |
| Model | 1388.320 | 24 | .000 |
| Step 3a | Step | -1.191 | 1 | .275 |
| Block | 1387.129 | 23 | .000 |
| Model | 1387.129 | 23 | .000 |
| a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step. | | | | |

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| --- | --- | --- | --- |
| **Model Summary** | | | |
| Step | -2 Log likelihood | Cox & Snell R Square | Nagelkerke R Square |
| 1 | 38737.393a | .047 | .062 |
| 2 | 38737.464a | .047 | .062 |
| 3 | 38738.655a | .047 | .062 |
| a. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001. | | | |

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| --- | --- | --- | --- |
| **Hosmer and Lemeshow Test** | | | |
| Step | Chi-square | df | Sig. |
| 1 | 11.192 | 8 | .191 |
| 2 | 10.746 | 8 | .217 |
| 3 | 8.253 | 8 | .409 |

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| --- | --- | --- | --- | --- | --- | --- |
| **Contingency Table for Hosmer and Lemeshow Test** | | | | | | |
|  | | score = High | | score = Low | | Total |
| Observed | Expected | Observed | Expected |
| Step 1 | 1 | 2119 | 2123.960 | 790 | 784.898 | 2909 |
| 2 | 1979 | 1967.387 | 934 | 945.656 | 2913 |
| 3 | 1844 | 1838.277 | 1069 | 1074.853 | 2913 |
| 4 | 1664 | 1722.884 | 1242 | 1183.377 | 2906 |
| 5 | 1679 | 1628.934 | 1235 | 1285.193 | 2914 |
| 6 | 1552 | 1533.005 | 1361 | 1379.555 | 2913 |
| 7 | 1423 | 1442.887 | 1499 | 1478.458 | 2921 |
| 8 | 1335 | 1341.722 | 1580 | 1573.047 | 2915 |
| 9 | 1228 | 1246.192 | 1708 | 1689.118 | 2935 |
| 10 | 1112 | 1088.430 | 1779 | 1802.572 | 2891 |
| Step 2 | 1 | 2143 | 2147.309 | 799 | 794.749 | 2942 |
| 2 | 1983 | 1965.940 | 931 | 947.531 | 2913 |
| 3 | 1839 | 1837.757 | 1076 | 1076.826 | 2915 |
| 4 | 1667 | 1726.065 | 1247 | 1187.750 | 2914 |
| 5 | 1672 | 1627.714 | 1242 | 1286.819 | 2915 |
| 6 | 1556 | 1531.616 | 1356 | 1381.146 | 2913 |
| 7 | 1415 | 1436.265 | 1495 | 1474.083 | 2910 |
| 8 | 1325 | 1338.999 | 1586 | 1571.981 | 2911 |
| 9 | 1232 | 1240.507 | 1692 | 1683.473 | 2924 |
| 10 | 1102 | 1081.506 | 1772 | 1792.369 | 2874 |
| Step 3 | 1 | 2140 | 2143.313 | 797 | 793.285 | 2937 |
| 2 | 1980 | 1964.967 | 932 | 947.294 | 2912 |
| 3 | 1836 | 1837.325 | 1078 | 1076.120 | 2913 |
| 4 | 1674 | 1724.190 | 1237 | 1186.084 | 2910 |
| 5 | 1667 | 1625.680 | 1243 | 1284.113 | 2910 |
| 6 | 1554 | 1535.912 | 1366 | 1383.728 | 2920 |
| 7 | 1420 | 1437.005 | 1491 | 1473.971 | 2911 |
| 8 | 1324 | 1340.187 | 1589 | 1572.709 | 2913 |
| 9 | 1237 | 1243.382 | 1693 | 1686.872 | 2930 |
| 10 | 1102 | 1081.716 | 1772 | 1792.551 | 2874 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | High | Low |
| Step 1 | score | High | 11257 | 4676 | 70.7 |
| Low | 7025 | 6172 | 46.8 |
| Overall Percentage | |  |  | 59.8 |
| Step 2 | score | High | 11262 | 4672 | 70.7 |
| Low | 7028 | 6169 | 46.7 |
| Overall Percentage | |  |  | 59.8 |
| Step 3 | score | High | 11257 | 4677 | 70.6 |
| Low | 7032 | 6165 | 46.7 |
| Overall Percentage | |  |  | 59.8 |
| a. The cut value is .500 | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** | | | | | | | | | |
|  | | B | S.E. | Wald | df | Sig. | Exp(B) | 95% C.I.for EXP(B) | |
| Lower | Upper |
| Step 1a | Area |  |  | 32.954 | 2 | .000 |  |  |  |
| Area(1) | .151 | .244 | .384 | 1 | .535 | 1.163 | .721 | 1.876 |
| Area(2) | -.014 | .245 | .003 | 1 | .953 | .986 | .610 | 1.593 |
| Division |  |  | 91.254 | 5 | .000 |  |  |  |
| Division(1) | -.184 | .078 | 5.568 | 1 | .018 | .832 | .714 | .969 |
| Division(2) | -.215 | .067 | 10.392 | 1 | .001 | .807 | .708 | .919 |
| Division(3) | -.166 | .063 | 6.919 | 1 | .009 | .847 | .748 | .958 |
| Division(4) | -.455 | .068 | 44.681 | 1 | .000 | .634 | .555 | .725 |
| Division(5) | -.102 | .066 | 2.400 | 1 | .121 | .903 | .794 | 1.027 |
| women\_age |  |  | 35.889 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.211 | 1 | .000 | .791 | .715 | .874 |
| women\_age(2) | -.288 | .048 | 35.743 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.696 | 1 | .000 | .794 | .721 | .875 |
| Education |  |  | 381.851 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.856 | 1 | .000 | .831 | .768 | .900 |
| Education(2) | -.323 | .041 | 60.864 | 1 | .000 | .724 | .668 | .785 |
| Education(3) | -.572 | .039 | 214.801 | 1 | .000 | .564 | .523 | .609 |
| Education(4) | -.910 | .050 | 331.677 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .311 | .267 | 1.352 | 1 | .245 | 1.364 | .808 | 2.302 |
| Wealth index quintiles |  |  | 57.314 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.034 | .048 | .497 | 1 | .481 | .967 | .881 | 1.062 |
| Wealth index quintiles(2) | -.134 | .045 | 8.632 | 1 | .003 | .875 | .800 | .956 |
| Wealth index quintiles(3) | -.262 | .046 | 33.047 | 1 | .000 | .770 | .704 | .841 |
| Wealth index quintiles(4) | -.295 | .051 | 32.871 | 1 | .000 | .744 | .673 | .823 |
| Education of household head |  |  | 6.969 | 3 | .073 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .955 | 1.002 | .937 | 1.072 |
| Education of household head(2) | -.078 | .035 | 4.897 | 1 | .027 | .925 | .863 | .991 |
| Education of household head(3) | -.106 | .223 | .229 | 1 | .633 | .899 | .581 | 1.391 |
| Sex of household head(1) | -.015 | .056 | .071 | 1 | .790 | .985 | .883 | 1.099 |
| ethnicity(1) | -.182 | .166 | 1.199 | 1 | .273 | .834 | .602 | 1.155 |
| Religion(1) | .105 | .041 | 6.470 | 1 | .011 | 1.111 | 1.024 | 1.204 |
| Constant | .858 | .208 | 16.944 | 1 | .000 | 2.359 |  |  |
| Step 2a | Area |  |  | 33.116 | 2 | .000 |  |  |  |
| Area(1) | .150 | .244 | .380 | 1 | .538 | 1.162 | .721 | 1.875 |
| Area(2) | -.015 | .245 | .004 | 1 | .950 | .985 | .609 | 1.591 |
| Division |  |  | 91.412 | 5 | .000 |  |  |  |
| Division(1) | -.184 | .078 | 5.571 | 1 | .018 | .832 | .714 | .969 |
| Division(2) | -.214 | .067 | 10.334 | 1 | .001 | .807 | .708 | .920 |
| Division(3) | -.166 | .063 | 6.931 | 1 | .008 | .847 | .748 | .958 |
| Division(4) | -.456 | .068 | 44.870 | 1 | .000 | .634 | .555 | .724 |
| Division(5) | -.102 | .066 | 2.429 | 1 | .119 | .903 | .794 | 1.027 |
| women\_age |  |  | 35.834 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.220 | 1 | .000 | .791 | .715 | .874 |
| women\_age(2) | -.288 | .048 | 35.692 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.643 | 1 | .000 | .795 | .721 | .875 |
| Education |  |  | 381.987 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.826 | 1 | .000 | .832 | .768 | .900 |
| Education(2) | -.322 | .041 | 60.801 | 1 | .000 | .724 | .668 | .786 |
| Education(3) | -.572 | .039 | 214.888 | 1 | .000 | .565 | .523 | .609 |
| Education(4) | -.909 | .050 | 331.666 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .311 | .267 | 1.356 | 1 | .244 | 1.365 | .809 | 2.303 |
| Wealth index quintiles |  |  | 57.288 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.033 | .048 | .492 | 1 | .483 | .967 | .881 | 1.062 |
| Wealth index quintiles(2) | -.133 | .045 | 8.599 | 1 | .003 | .875 | .801 | .957 |
| Wealth index quintiles(3) | -.261 | .046 | 32.977 | 1 | .000 | .770 | .704 | .842 |
| Wealth index quintiles(4) | -.294 | .051 | 32.803 | 1 | .000 | .745 | .674 | .824 |
| Education of household head |  |  | 7.089 | 3 | .069 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .958 | 1.002 | .937 | 1.071 |
| Education of household head(2) | -.079 | .035 | 4.991 | 1 | .025 | .924 | .862 | .990 |
| Education of household head(3) | -.107 | .222 | .229 | 1 | .632 | .899 | .581 | 1.390 |
| ethnicity(1) | -.182 | .166 | 1.196 | 1 | .274 | .834 | .602 | 1.155 |
| Religion(1) | .105 | .041 | 6.547 | 1 | .011 | 1.111 | 1.025 | 1.205 |
| Constant | .844 | .201 | 17.552 | 1 | .000 | 2.325 |  |  |
| Step 3a | Area |  |  | 33.015 | 2 | .000 |  |  |  |
| Area(1) | -.020 | .188 | .011 | 1 | .916 | .980 | .678 | 1.417 |
| Area(2) | -.186 | .189 | .963 | 1 | .326 | .831 | .573 | 1.203 |
| Division |  |  | 92.201 | 5 | .000 |  |  |  |
| Division(1) | -.188 | .078 | 5.819 | 1 | .016 | .829 | .712 | .965 |
| Division(2) | -.215 | .067 | 10.431 | 1 | .001 | .806 | .708 | .919 |
| Division(3) | -.170 | .063 | 7.207 | 1 | .007 | .844 | .746 | .955 |
| Division(4) | -.460 | .068 | 45.702 | 1 | .000 | .632 | .553 | .722 |
| Division(5) | -.105 | .066 | 2.555 | 1 | .110 | .901 | .792 | 1.024 |
| women\_age |  |  | 35.793 | 3 | .000 |  |  |  |
| women\_age(1) | -.235 | .051 | 21.275 | 1 | .000 | .790 | .715 | .873 |
| women\_age(2) | -.288 | .048 | 35.660 | 1 | .000 | .750 | .682 | .824 |
| women\_age(3) | -.230 | .049 | 21.637 | 1 | .000 | .795 | .721 | .875 |
| Education |  |  | 381.833 | 5 | .000 |  |  |  |
| Education(1) | -.185 | .040 | 20.877 | 1 | .000 | .831 | .768 | .900 |
| Education(2) | -.323 | .041 | 60.950 | 1 | .000 | .724 | .668 | .785 |
| Education(3) | -.572 | .039 | 214.774 | 1 | .000 | .565 | .523 | .609 |
| Education(4) | -.909 | .050 | 331.643 | 1 | .000 | .403 | .365 | .444 |
| Education(5) | .312 | .267 | 1.362 | 1 | .243 | 1.366 | .809 | 2.305 |
| Wealth index quintiles |  |  | 57.382 | 4 | .000 |  |  |  |
| Wealth index quintiles(1) | -.034 | .048 | .504 | 1 | .478 | .967 | .880 | 1.061 |
| Wealth index quintiles(2) | -.134 | .045 | 8.660 | 1 | .003 | .875 | .800 | .956 |
| Wealth index quintiles(3) | -.262 | .046 | 33.037 | 1 | .000 | .770 | .704 | .842 |
| Wealth index quintiles(4) | -.295 | .051 | 32.976 | 1 | .000 | .744 | .673 | .823 |
| Education of household head |  |  | 7.047 | 3 | .070 |  |  |  |
| Education of household head(1) | .002 | .034 | .003 | 1 | .956 | 1.002 | .937 | 1.071 |
| Education of household head(2) | -.079 | .035 | 4.954 | 1 | .026 | .924 | .862 | .991 |
| Education of household head(3) | -.107 | .222 | .231 | 1 | .631 | .899 | .581 | 1.390 |
| Religion(1) | .097 | .040 | 5.752 | 1 | .016 | 1.102 | 1.018 | 1.193 |
| Constant | .844 | .201 | 17.542 | 1 | .000 | 2.325 |  |  |
| a. Variable(s) entered on step 1: Area, Division, women\_age, Education, Wealth index quintiles, Education of household head, Sex of household head, ethnicity, Religion. | | | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model if Term Removed** | | | | | |
| Variable | | Model Log Likelihood | Change in -2 Log Likelihood | df | Sig. of the Change |
| Step 1 | Area | -19385.166 | 32.940 | 2 | .000 |
| Division | -19414.749 | 92.106 | 5 | .000 |
| women\_age | -19386.655 | 35.917 | 3 | .000 |
| Education | -19562.274 | 387.154 | 5 | .000 |
| Wealth index quintiles | -19397.354 | 57.315 | 4 | .000 |
| Education of household head | -19372.178 | 6.962 | 3 | .073 |
| Sex of household head | -19368.732 | .071 | 1 | .790 |
| ethnicity | -19369.294 | 1.194 | 1 | .275 |
| Religion | -19371.944 | 6.495 | 1 | .011 |
| Step 2 | Area | -19385.283 | 33.102 | 2 | .000 |
| Division | -19414.869 | 92.274 | 5 | .000 |
| women\_age | -19386.663 | 35.862 | 3 | .000 |
| Education | -19562.371 | 387.278 | 5 | .000 |
| Wealth index quintiles | -19397.375 | 57.287 | 4 | .000 |
| Education of household head | -19372.272 | 7.081 | 3 | .069 |
| ethnicity | -19369.327 | 1.191 | 1 | .275 |
| Religion | -19372.018 | 6.573 | 1 | .010 |
| Step 3 | Area | -19385.828 | 33.001 | 2 | .000 |
| Division | -19415.867 | 93.079 | 5 | .000 |
| women\_age | -19387.238 | 35.821 | 3 | .000 |
| Education | -19562.889 | 387.124 | 5 | .000 |
| Wealth index quintiles | -19398.018 | 57.381 | 4 | .000 |
| Education of household head | -19372.847 | 7.039 | 3 | .071 |
| Religion | -19372.213 | 5.772 | 1 | .016 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 2a | Variables | Sex of household head(1) | .071 | 1 | .790 |
| Overall Statistics | | .071 | 1 | .790 |
| Step 3b | Variables | Sex of household head(1) | .067 | 1 | .795 |
| ethnicity(1) | 1.198 | 1 | .274 |
| Overall Statistics | | 1.269 | 2 | .530 |
| a. Variable(s) removed on step 2: Sex of household head. | | | | | |
| b. Variable(s) removed on step 3: ethnicity. | | | | | |