**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ever heard of HIV or AIDS** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 39524 | 61.4 | 61.4 | 61.4 |
| NO | 24822 | 38.6 | 38.6 | 100.0 |
| NO RESPONSE | 31 | .0 | .0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **heard\_HIV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 39524 | 61.4 | 61.4 | 61.4 |
| No | 24854 | 38.6 | 38.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | URBAN | 15094 | 23.4 | 23.4 | 23.4 |
| RURAL | 49284 | 76.6 | 76.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Area | URBAN | Count | 10847 | 4247 | 15094 |
| % within Area | 71.9% | 28.1% | 100.0% |
| RURAL | Count | 28677 | 20607 | 49284 |
| % within Area | 58.2% | 41.8% | 100.0% |
| Total | | Count | 39524 | 24854 | 64378 |
| % within Area | 61.4% | 38.6% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 911.786a | 1 | .000 |  |  |
| Continuity Correctionb | 911.209 | 1 | .000 |  |  |
| Likelihood Ratio | 940.676 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 911.772 | 1 | .000 |  |  |
| N of Valid Cases | 64378 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5827.24. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Barishal | 3465 | 5.4 | 5.4 | 5.4 |
| Chattogram | 12514 | 19.4 | 19.4 | 24.8 |
| Dhaka | 16316 | 25.3 | 25.3 | 50.2 |
| Khulna | 7578 | 11.8 | 11.8 | 61.9 |
| Mymenshing | 4181 | 6.5 | 6.5 | 68.4 |
| Rajshahi | 8521 | 13.2 | 13.2 | 81.7 |
| Rangpur | 7081 | 11.0 | 11.0 | 92.7 |
| Sylhet | 4722 | 7.3 | 7.3 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Division | Barishal | Count | 1667 | 1798 | 3465 |
| % within Division | 48.1% | 51.9% | 100.0% |
| Chattogram | Count | 7126 | 5388 | 12514 |
| % within Division | 56.9% | 43.1% | 100.0% |
| Dhaka | Count | 10321 | 5995 | 16316 |
| % within Division | 63.3% | 36.7% | 100.0% |
| Khulna | Count | 5525 | 2053 | 7578 |
| % within Division | 72.9% | 27.1% | 100.0% |
| Mymenshing | Count | 2566 | 1615 | 4181 |
| % within Division | 61.4% | 38.6% | 100.0% |
| Rajshahi | Count | 5278 | 3243 | 8521 |
| % within Division | 61.9% | 38.1% | 100.0% |
| Rangpur | Count | 3932 | 3149 | 7081 |
| % within Division | 55.5% | 44.5% | 100.0% |
| Sylhet | Count | 3109 | 1613 | 4722 |
| % within Division | 65.8% | 34.2% | 100.0% |
| Total | | Count | 39524 | 24854 | 64378 |
| % within Division | 61.4% | 38.6% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 953.555a | 7 | .000 |
| Likelihood Ratio | 965.116 | 7 | .000 |
| Linear-by-Linear Association | 54.315 | 1 | .000 |
| N of Valid Cases | 64378 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1337.71. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 15-19 | 11950 | 18.6 | 18.6 | 18.6 |
| 20-24 | 10404 | 16.2 | 16.2 | 34.7 |
| 25-29 | 10031 | 15.6 | 15.6 | 50.3 |
| 30-34 | 10224 | 15.9 | 15.9 | 66.2 |
| 35-39 | 9206 | 14.3 | 14.3 | 80.5 |
| 40-44 | 6788 | 10.5 | 10.5 | 91.0 |
| 45-49 | 5776 | 9.0 | 9.0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Age \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Age | 15-19 | Count | 8651 | 3299 | 11950 |
| % within Age | 72.4% | 27.6% | 100.0% |
| 20-24 | Count | 7482 | 2922 | 10404 |
| % within Age | 71.9% | 28.1% | 100.0% |
| 25-29 | Count | 6819 | 3211 | 10030 |
| % within Age | 68.0% | 32.0% | 100.0% |
| 30-34 | Count | 6331 | 3894 | 10225 |
| % within Age | 61.9% | 38.1% | 100.0% |
| 35-39 | Count | 4927 | 4279 | 9206 |
| % within Age | 53.5% | 46.5% | 100.0% |
| 40-44 | Count | 3098 | 3690 | 6788 |
| % within Age | 45.6% | 54.4% | 100.0% |
| 45-49 | Count | 2217 | 3559 | 5776 |
| % within Age | 38.4% | 61.6% | 100.0% |
| Total | | Count | 39525 | 24854 | 64379 |
| % within Age | 61.4% | 38.6% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 3522.995a | 6 | .000 |
| Likelihood Ratio | 3505.468 | 6 | .000 |
| Linear-by-Linear Association | 3320.366 | 1 | .000 |
| N of Valid Cases | 64379 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2229.87. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **women\_age \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| women\_age | 15-24 | Count | 16132 | 6221 | 22353 |
| % within women\_age | 72.2% | 27.8% | 100.0% |
| 25-34 | Count | 13150 | 7105 | 20255 |
| % within women\_age | 64.9% | 35.1% | 100.0% |
| 35-44 | Count | 8024 | 7969 | 15993 |
| % within women\_age | 50.2% | 49.8% | 100.0% |
| 44+ | Count | 2217 | 3559 | 5776 |
| % within women\_age | 38.4% | 61.6% | 100.0% |
| Total | | Count | 39523 | 24854 | 64377 |
| % within women\_age | 61.4% | 38.6% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 3341.485a | 3 | .000 |
| Likelihood Ratio | 3325.770 | 3 | .000 |
| Linear-by-Linear Association | 3254.600 | 1 | .000 |
| N of Valid Cases | 64377 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2229.94. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Pre-primary or none | 10187 | 15.8 | 15.8 | 15.8 |
| Primary | 14615 | 22.7 | 22.7 | 38.5 |
| Secondary | 28497 | 44.3 | 44.3 | 82.8 |
| Higher secondary+ | 11079 | 17.2 | 17.2 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Education | Pre-primary or none | Count | 2355 | 7831 | 10186 |
| % within Education | 23.1% | 76.9% | 100.0% |
| Primary | Count | 6017 | 8597 | 14614 |
| % within Education | 41.2% | 58.8% | 100.0% |
| Secondary | Count | 20510 | 7987 | 28497 |
| % within Education | 72.0% | 28.0% | 100.0% |
| Higher secondary+ | Count | 10641 | 438 | 11079 |
| % within Education | 96.0% | 4.0% | 100.0% |
| Total | | Count | 39523 | 24853 | 64376 |
| % within Education | 61.4% | 38.6% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 15775.064a | 3 | .000 |
| Likelihood Ratio | 17556.495 | 3 | .000 |
| Linear-by-Linear Association | 15606.253 | 1 | .000 |
| N of Valid Cases | 64376 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 3932.41. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently married** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Married | 51121 | 79.4 | 79.4 | 79.4 |
| Unmarried | 13256 | 20.6 | 20.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently married \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Currently married | Married | Count | 29979 | 21143 | 51122 |
| % within Currently married | 58.6% | 41.4% | 100.0% |
| Unmarried | Count | 9545 | 3711 | 13256 |
| % within Currently married | 72.0% | 28.0% | 100.0% |
| Total | | Count | 39524 | 24854 | 64378 |
| % within Currently married | 61.4% | 38.6% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 793.071a | 1 | .000 |  |  |
| Continuity Correctionb | 792.508 | 1 | .000 |  |  |
| Likelihood Ratio | 820.104 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 793.059 | 1 | .000 |  |  |
| N of Valid Cases | 64378 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5117.66. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintile** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Poorest | 11267 | 17.5 | 17.5 | 17.5 |
| Second | 12327 | 19.1 | 19.1 | 36.7 |
| Middle | 12988 | 20.2 | 20.2 | 56.8 |
| Fourth | 13625 | 21.2 | 21.2 | 78.0 |
| Richest | 14170 | 22.0 | 22.0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintile \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Wealth index quintile | Poorest | Count | 4276 | 6991 | 11267 |
| % within Wealth index quintile | 38.0% | 62.0% | 100.0% |
| Second | Count | 6198 | 6130 | 12328 |
| % within Wealth index quintile | 50.3% | 49.7% | 100.0% |
| Middle | Count | 8092 | 4897 | 12989 |
| % within Wealth index quintile | 62.3% | 37.7% | 100.0% |
| Fourth | Count | 9568 | 4056 | 13624 |
| % within Wealth index quintile | 70.2% | 29.8% | 100.0% |
| Richest | Count | 11391 | 2780 | 14171 |
| % within Wealth index quintile | 80.4% | 19.6% | 100.0% |
| Total | | Count | 39525 | 24854 | 64379 |
| % within Wealth index quintile | 61.4% | 38.6% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 5864.260a | 4 | .000 |
| Likelihood Ratio | 5991.860 | 4 | .000 |
| Linear-by-Linear Association | 5825.915 | 1 | .000 |
| N of Valid Cases | 64379 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 4349.71. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | MUSLIM | 45257 | 70.3 | 90.3 | 90.3 |
| HINDU | 4244 | 6.6 | 8.5 | 98.8 |
| CHRISTIANITY | 220 | .3 | .4 | 99.2 |
| BUDDHISM | 392 | .6 | .8 | 100.0 |
| Total | 50112 | 77.8 | 100.0 |  |
| Missing | System | 14266 | 22.2 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Religion of household head | MUSLIM | Count | 26098 | 19159 | 45257 |
| % within Religion of household head | 57.7% | 42.3% | 100.0% |
| HINDU | Count | 2460 | 1784 | 4244 |
| % within Religion of household head | 58.0% | 42.0% | 100.0% |
| CHRISTIANITY | Count | 134 | 86 | 220 |
| % within Religion of household head | 60.9% | 39.1% | 100.0% |
| BUDDHISM | Count | 147 | 245 | 392 |
| % within Religion of household head | 37.5% | 62.5% | 100.0% |
| Total | | Count | 28839 | 21274 | 50113 |
| % within Religion of household head | 57.5% | 42.5% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 66.068a | 3 | .000 |
| Likelihood Ratio | 65.200 | 3 | .000 |
| Linear-by-Linear Association | 21.237 | 1 | .000 |
| N of Valid Cases | 50113 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 93.39. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Islam | 45257 | 70.3 | 70.3 | 70.3 |
| Others | 19121 | 29.7 | 29.7 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Religion | Islam | Count | 26098 | 19159 | 45257 |
| % within Religion | 57.7% | 42.3% | 100.0% |
| Others | Count | 13426 | 5695 | 19121 |
| % within Religion | 70.2% | 29.8% | 100.0% |
| Total | | Count | 39524 | 24854 | 64378 |
| % within Religion | 61.4% | 38.6% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 893.200a | 1 | .000 |  |  |
| Continuity Correctionb | 892.670 | 1 | .000 |  |  |
| Likelihood Ratio | 912.756 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 893.186 | 1 | .000 |  |  |
| N of Valid Cases | 64378 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 7381.92. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Frequency of reading newspaper or magazine** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | NOT AT ALL | 58846 | 91.4 | 91.4 | 91.4 |
| LESS THAN ONCE A WEEK | 2516 | 3.9 | 3.9 | 95.3 |
| AT LEAST ONCE A WEEK | 1732 | 2.7 | 2.7 | 98.0 |
| ALMOST EVERY DAY | 1278 | 2.0 | 2.0 | 100.0 |
| NO RESPONSE | 7 | .0 | .0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Newspaper** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 58853 | 91.4 | 91.4 | 91.4 |
| Yes | 5525 | 8.6 | 8.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Frequency of listening to the radio** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | NOT AT ALL | 62703 | 97.4 | 97.4 | 97.4 |
| LESS THAN ONCE A WEEK | 714 | 1.1 | 1.1 | 98.5 |
| AT LEAST ONCE A WEEK | 667 | 1.0 | 1.0 | 99.5 |
| ALMOST EVERY DAY | 291 | .5 | .5 | 100.0 |
| NO RESPONSE | 3 | .0 | .0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Radio** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 62706 | 97.4 | 97.4 | 97.4 |
| Yes | 1672 | 2.6 | 2.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Frequency of watching TV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | NOT AT ALL | 20257 | 31.5 | 31.5 | 31.5 |
| LESS THAN ONCE A WEEK | 2758 | 4.3 | 4.3 | 35.7 |
| AT LEAST ONCE A WEEK | 5404 | 8.4 | 8.4 | 44.1 |
| ALMOST EVERY DAY | 35937 | 55.8 | 55.8 | 100.0 |
| NO RESPONSE | 22 | .0 | .0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |
| Missing | System | 0 | .0 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 20279 | 31.5 | 31.5 | 31.5 |
| Yes | 44099 | 68.5 | 68.5 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MassMedia** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 19510 | 30.3 | 30.3 | 30.3 |
| 1.00 | 39284 | 61.0 | 61.0 | 91.3 |
| 2.00 | 4742 | 7.4 | 7.4 | 98.7 |
| 3.00 | 843 | 1.3 | 1.3 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MMA** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 19510 | 30.3 | 30.3 | 30.3 |
| Yes | 44868 | 69.7 | 69.7 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MMA \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| MMA | No | Count | 8338 | 11172 | 19510 |
| % within MMA | 42.7% | 57.3% | 100.0% |
| Yes | Count | 31186 | 13682 | 44868 |
| % within MMA | 69.5% | 30.5% | 100.0% |
| Total | | Count | 39524 | 24854 | 64378 |
| % within MMA | 61.4% | 38.6% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 4110.931a | 1 | .000 |  |  |
| Continuity Correctionb | 4109.801 | 1 | .000 |  |  |
| Likelihood Ratio | 4054.089 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 4110.867 | 1 | .000 |  |  |
| N of Valid Cases | 64378 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 7532.10. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Pre-primary or none | 16008 | 24.9 | 31.9 | 31.9 |
| Primary | 14001 | 21.7 | 27.9 | 59.9 |
| Secondary | 13611 | 21.1 | 27.2 | 87.0 |
| Higher+ | 6469 | 10.0 | 12.9 | 100.0 |
| Missing/DK | 23 | .0 | .0 | 100.0 |
| Total | 50112 | 77.8 | 100.0 |  |
| Missing | System | 14266 | 22.2 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Education of household head | Pre-primary or none | Count | 6302 | 9729 | 16031 |
| % within Education of household head | 39.3% | 60.7% | 100.0% |
| Primary | Count | 7445 | 6556 | 14001 |
| % within Education of household head | 53.2% | 46.8% | 100.0% |
| Secondary | Count | 9353 | 4259 | 13612 |
| % within Education of household head | 68.7% | 31.3% | 100.0% |
| Higher+ | Count | 5739 | 729 | 6468 |
| % within Education of household head | 88.7% | 11.3% | 100.0% |
| Total | | Count | 28839 | 21273 | 50112 |
| % within Education of household head | 57.5% | 42.5% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 5560.453a | 3 | .000 |
| Likelihood Ratio | 6012.828 | 3 | .000 |
| Linear-by-Linear Association | 5517.148 | 1 | .000 |
| N of Valid Cases | 50112 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2745.72. | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Male | 44568 | 69.2 | 88.9 | 88.9 |
| Female | 5544 | 8.6 | 11.1 | 100.0 |
| Total | 50112 | 77.8 | 100.0 |  |
| Missing | System | 14266 | 22.2 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Sex of household head | Male | Count | 25504 | 19064 | 44568 |
| % within Sex of household head | 57.2% | 42.8% | 100.0% |
| Female | Count | 3335 | 2210 | 5545 |
| % within Sex of household head | 60.1% | 39.9% | 100.0% |
| Total | | Count | 28839 | 21274 | 50113 |
| % within Sex of household head | 57.5% | 42.5% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 17.204a | 1 | .000 |  |  |
| Continuity Correctionb | 17.084 | 1 | .000 |  |  |
| Likelihood Ratio | 17.292 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 17.203 | 1 | .000 |  |  |
| N of Valid Cases | 50113 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2353.97. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ethnicity of household head** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Bengali | 63626 | 98.8 | 98.8 | 98.8 |
| Other | 752 | 1.2 | 1.2 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ethnicity of household head \* heard\_HIV Crosstabulation** | | | | | |
|  | | | heard\_HIV | | Total |
| Yes | No |
| Ethnicity of household head | Bengali | Count | 39215 | 24412 | 63627 |
| % within Ethnicity of household head | 61.6% | 38.4% | 100.0% |
| Other | Count | 309 | 443 | 752 |
| % within Ethnicity of household head | 41.1% | 58.9% | 100.0% |
| Total | | Count | 39524 | 24855 | 64379 |
| % within Ethnicity of household head | 61.4% | 38.6% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 132.319a | 1 | .000 |  |  |
| Continuity Correctionb | 131.454 | 1 | .000 |  |  |
| Likelihood Ratio | 127.800 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 132.317 | 1 | .000 |  |  |
| N of Valid Cases | 64379 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 290.33. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can avoid HIV by having one uninfected partner** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 26681 | 41.4 | 67.5 | 67.5 |
| NO | 4444 | 6.9 | 11.2 | 78.7 |
| DK | 8318 | 12.9 | 21.0 | 99.8 |
| NO RESPONSE | 82 | .1 | .2 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **uninfected\_partner** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 37697 | 58.6 | 58.6 | 58.6 |
| Yes | 26681 | 41.4 | 41.4 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get HIV from mosquito bites** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 12323 | 19.1 | 31.2 | 31.2 |
| NO | 21061 | 32.7 | 53.3 | 84.5 |
| DK | 6122 | 9.5 | 15.5 | 100.0 |
| NO RESPONSE | 19 | .0 | .0 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **mosquito\_bites** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 43317 | 67.3 | 67.3 | 67.3 |
| Yes | 21061 | 32.7 | 32.7 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can avoid HIV by using a condom correctly every time** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 24328 | 37.8 | 61.6 | 61.6 |
| NO | 4485 | 7.0 | 11.3 | 72.9 |
| DK | 10604 | 16.5 | 26.8 | 99.7 |
| NO RESPONSE | 107 | .2 | .3 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **condom\_correctly** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 40050 | 62.2 | 62.2 | 62.2 |
| Yes | 24328 | 37.8 | 37.8 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get HIV by sharing food with a person who has HIV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 14728 | 22.9 | 37.3 | 37.3 |
| NO | 19646 | 30.5 | 49.7 | 87.0 |
| DK | 5125 | 8.0 | 13.0 | 99.9 |
| NO RESPONSE | 24 | .0 | .1 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **sharing\_food** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 44732 | 69.5 | 69.5 | 69.5 |
| Yes | 19646 | 30.5 | 30.5 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get HIV through supernatural means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 1633 | 2.5 | 4.1 | 4.1 |
| NO | 33033 | 51.3 | 83.6 | 87.7 |
| DK | 4844 | 7.5 | 12.3 | 100.0 |
| NO RESPONSE | 14 | .0 | .0 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **supernatural\_means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 31345 | 48.7 | 48.7 | 48.7 |
| Yes | 33033 | 51.3 | 51.3 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Can get HIV through supernatural means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 1633 | 2.5 | 4.1 | 4.1 |
| NO | 33033 | 51.3 | 83.6 | 87.7 |
| DK | 4844 | 7.5 | 12.3 | 100.0 |
| NO RESPONSE | 14 | .0 | .0 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **supernatural\_means** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 31345 | 48.7 | 48.7 | 48.7 |
| Yes | 33033 | 51.3 | 51.3 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Healthy-looking person may have HIV** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 23226 | 36.1 | 58.8 | 58.8 |
| NO | 9720 | 15.1 | 24.6 | 83.4 |
| DK | 6549 | 10.2 | 16.6 | 99.9 |
| NO RESPONSE | 29 | .0 | .1 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Healthy\_looking** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 41152 | 63.9 | 63.9 | 63.9 |
| Yes | 23226 | 36.1 | 36.1 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HIV from mother to child during pregnancy** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 28742 | 44.6 | 72.7 | 72.7 |
| NO | 3521 | 5.5 | 8.9 | 81.6 |
| DK | 7231 | 11.2 | 18.3 | 99.9 |
| NO RESPONSE | 30 | .0 | .1 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **pregnancy** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 35636 | 55.4 | 55.4 | 55.4 |
| Yes | 28742 | 44.6 | 44.6 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HIV from mother to child during delivery** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 22548 | 35.0 | 57.0 | 57.0 |
| NO | 6506 | 10.1 | 16.5 | 73.5 |
| DK | 10438 | 16.2 | 26.4 | 99.9 |
| NO RESPONSE | 32 | .0 | .1 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **delivery** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 41830 | 65.0 | 65.0 | 65.0 |
| Yes | 22548 | 35.0 | 35.0 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HIV from mother to child through breastfeeding** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 29728 | 46.2 | 75.2 | 75.2 |
| NO | 3068 | 4.8 | 7.8 | 83.0 |
| DK | 6691 | 10.4 | 16.9 | 99.9 |
| NO RESPONSE | 37 | .1 | .1 | 100.0 |
| Total | 39524 | 61.4 | 100.0 |  |
| Missing | System | 24854 | 38.6 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **breastfeeding** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 34650 | 53.8 | 53.8 | 53.8 |
| Yes | 29728 | 46.2 | 46.2 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Aware of drugs used to reduce the risk of transmission to the baby** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | YES | 8571 | 13.3 | 27.0 | 27.0 |
| NO | 11901 | 18.5 | 37.5 | 64.4 |
| DK | 11288 | 17.5 | 35.5 | 100.0 |
| NO RESPONSE | 10 | .0 | .0 | 100.0 |
| Total | 31769 | 49.3 | 100.0 |  |
| Missing | System | 32609 | 50.7 |  |  |
| Total | | 64378 | 100.0 |  |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **drugs** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 55807 | 86.7 | 86.7 | 86.7 |
| Yes | 8571 | 13.3 | 13.3 | 100.0 |
| Total | 64378 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| correct\_response | | |
| N | Valid | 29979 |
| Missing | 0 |
| Median | | 6.0000 |
| Mode | | 7.00 |
| Range | | 10.00 |
| Minimum | | .00 |
| Maximum | | 10.00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **correct\_response** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 967 | 3.2 | 3.2 | 3.2 |
| 1.00 | 709 | 2.4 | 2.4 | 5.6 |
| 2.00 | 1124 | 3.7 | 3.7 | 9.3 |
| 3.00 | 2153 | 7.2 | 7.2 | 16.5 |
| 4.00 | 2779 | 9.3 | 9.3 | 25.8 |
| 5.00 | 3853 | 12.9 | 12.9 | 38.6 |
| 6.00 | 4614 | 15.4 | 15.4 | 54.0 |
| 7.00 | 4804 | 16.0 | 16.0 | 70.1 |
| 8.00 | 4640 | 15.5 | 15.5 | 85.5 |
| 9.00 | 3430 | 11.4 | 11.4 | 97.0 |
| 10.00 | 906 | 3.0 | 3.0 | 100.0 |
| Total | 29979 | 100.0 | 100.0 |  |

**Frequencies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **score** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low | 11584 | 38.6 | 38.6 | 38.6 |
| High | 18394 | 61.4 | 61.4 | 100.0 |
| Total | 29979 | 100.0 | 100.0 |  |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Area | URBAN | Count | 2808 | 5330 | 8138 |
| % within Area | 34.5% | 65.5% | 100.0% |
| RURAL | Count | 8776 | 13064 | 21840 |
| % within Area | 40.2% | 59.8% | 100.0% |
| Total | | Count | 11584 | 18394 | 29978 |
| % within Area | 38.6% | 61.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 80.628a | 1 | .000 |  |  |
| Continuity Correctionb | 80.388 | 1 | .000 |  |  |
| Likelihood Ratio | 81.390 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 80.625 | 1 | .000 |  |  |
| N of Valid Cases | 29978 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 3144.66. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Division \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Division | Barishal | Count | 427 | 859 | 1286 |
| % within Division | 33.2% | 66.8% | 100.0% |
| Chattogram | Count | 1989 | 3149 | 5138 |
| % within Division | 38.7% | 61.3% | 100.0% |
| Dhaka | Count | 3462 | 4502 | 7964 |
| % within Division | 43.5% | 56.5% | 100.0% |
| Khulna | Count | 1722 | 2733 | 4455 |
| % within Division | 38.7% | 61.3% | 100.0% |
| Mymenshing | Count | 741 | 1196 | 1937 |
| % within Division | 38.3% | 61.7% | 100.0% |
| Rajshahi | Count | 1832 | 2366 | 4198 |
| % within Division | 43.6% | 56.4% | 100.0% |
| Rangpur | Count | 974 | 2037 | 3011 |
| % within Division | 32.3% | 67.7% | 100.0% |
| Sylhet | Count | 438 | 1553 | 1991 |
| % within Division | 22.0% | 78.0% | 100.0% |
| Total | | Count | 11585 | 18395 | 29980 |
| % within Division | 38.6% | 61.4% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 421.617a | 7 | .000 |
| Likelihood Ratio | 440.804 | 7 | .000 |
| Linear-by-Linear Association | 99.901 | 1 | .000 |
| N of Valid Cases | 29980 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 496.94. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **women\_age \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| women\_age | 15-24 | Count | 3028 | 5139 | 8167 |
| % within women\_age | 37.1% | 62.9% | 100.0% |
| 25-34 | Count | 4605 | 7646 | 12251 |
| % within women\_age | 37.6% | 62.4% | 100.0% |
| 35-44 | Count | 3056 | 4501 | 7557 |
| % within women\_age | 40.4% | 59.6% | 100.0% |
| 44+ | Count | 895 | 1108 | 2003 |
| % within women\_age | 44.7% | 55.3% | 100.0% |
| Total | | Count | 11584 | 18394 | 29978 |
| % within women\_age | 38.6% | 61.4% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 55.304a | 3 | .000 |
| Likelihood Ratio | 54.808 | 3 | .000 |
| Linear-by-Linear Association | 46.193 | 1 | .000 |
| N of Valid Cases | 29978 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 773.99. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Education | Pre-primary or none | Count | 1171 | 970 | 2141 |
| % within Education | 54.7% | 45.3% | 100.0% |
| Primary | Count | 2801 | 2675 | 5476 |
| % within Education | 51.2% | 48.8% | 100.0% |
| Secondary | Count | 6204 | 9543 | 15747 |
| % within Education | 39.4% | 60.6% | 100.0% |
| Higher secondary+ | Count | 1407 | 5206 | 6613 |
| % within Education | 21.3% | 78.7% | 100.0% |
| Total | | Count | 11583 | 18394 | 29977 |
| % within Education | 38.6% | 61.4% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 1438.975a | 3 | .000 |
| Likelihood Ratio | 1495.960 | 3 | .000 |
| Linear-by-Linear Association | 1318.703 | 1 | .000 |
| N of Valid Cases | 29977 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 827.27. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ever attended school or any Early Childhood Education programme \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Ever attended school or any Early Childhood Education programme | YES | Count | 10437 | 17445 | 27882 |
| % within Ever attended school or any Early Childhood Education programme | 37.4% | 62.6% | 100.0% |
| NO | Count | 1147 | 949 | 2096 |
| % within Ever attended school or any Early Childhood Education programme | 54.7% | 45.3% | 100.0% |
| Total | | Count | 11584 | 18394 | 29978 |
| % within Ever attended school or any Early Childhood Education programme | 38.6% | 61.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 245.810a | 1 | .000 |  |  |
| Continuity Correctionb | 245.081 | 1 | .000 |  |  |
| Likelihood Ratio | 238.596 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 245.802 | 1 | .000 |  |  |
| N of Valid Cases | 29978 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 809.93. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Wealth index quintile \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Wealth index quintile | Poorest | Count | 1498 | 1747 | 3245 |
| % within Wealth index quintile | 46.2% | 53.8% | 100.0% |
| Second | Count | 2110 | 2556 | 4666 |
| % within Wealth index quintile | 45.2% | 54.8% | 100.0% |
| Middle | Count | 2486 | 3637 | 6123 |
| % within Wealth index quintile | 40.6% | 59.4% | 100.0% |
| Fourth | Count | 2746 | 4578 | 7324 |
| % within Wealth index quintile | 37.5% | 62.5% | 100.0% |
| Richest | Count | 2743 | 5876 | 8619 |
| % within Wealth index quintile | 31.8% | 68.2% | 100.0% |
| Total | | Count | 11583 | 18394 | 29977 |
| % within Wealth index quintile | 38.6% | 61.4% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 345.522a | 4 | .000 |
| Likelihood Ratio | 346.874 | 4 | .000 |
| Linear-by-Linear Association | 332.908 | 1 | .000 |
| N of Valid Cases | 29977 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1253.86. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Religion \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Religion | Islam | Count | 9512 | 14255 | 23767 |
| % within Religion | 40.0% | 60.0% | 100.0% |
| Others | Count | 2072 | 4140 | 6212 |
| % within Religion | 33.4% | 66.6% | 100.0% |
| Total | | Count | 11584 | 18395 | 29979 |
| % within Religion | 38.6% | 61.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 92.329a | 1 | .000 |  |  |
| Continuity Correctionb | 92.048 | 1 | .000 |  |  |
| Likelihood Ratio | 93.669 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 92.326 | 1 | .000 |  |  |
| N of Valid Cases | 29979 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2400.34. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MMA \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| MMA | No | Count | 2875 | 3736 | 6611 |
| % within MMA | 43.5% | 56.5% | 100.0% |
| Yes | Count | 8709 | 14658 | 23367 |
| % within MMA | 37.3% | 62.7% | 100.0% |
| Total | | Count | 11584 | 18394 | 29978 |
| % within MMA | 38.6% | 61.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 84.021a | 1 | .000 |  |  |
| Continuity Correctionb | 83.759 | 1 | .000 |  |  |
| Likelihood Ratio | 83.217 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 84.018 | 1 | .000 |  |  |
| N of Valid Cases | 29978 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2554.60. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Education of household head \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Education of household head | Pre-primary or none | Count | 2635 | 2787 | 5422 |
| % within Education of household head | 48.6% | 51.4% | 100.0% |
| Primary | Count | 3078 | 3768 | 6846 |
| % within Education of household head | 45.0% | 55.0% | 100.0% |
| Secondary | Count | 3315 | 5354 | 8669 |
| % within Education of household head | 38.2% | 61.8% | 100.0% |
| Higher+ | Count | 1400 | 3909 | 5309 |
| % within Education of household head | 26.4% | 73.6% | 100.0% |
| Total | | Count | 10428 | 15818 | 26246 |
| % within Education of household head | 39.7% | 60.3% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 660.050a | 3 | .000 |
| Likelihood Ratio | 677.570 | 3 | .000 |
| Linear-by-Linear Association | 613.822 | 1 | .000 |
| N of Valid Cases | 26246 |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 2109.36. | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex of household head \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Sex of household head | Male | Count | 9457 | 14328 | 23785 |
| % within Sex of household head | 39.8% | 60.2% | 100.0% |
| Female | Count | 972 | 1489 | 2461 |
| % within Sex of household head | 39.5% | 60.5% | 100.0% |
| Total | | Count | 10429 | 15817 | 26246 |
| % within Sex of household head | 39.7% | 60.3% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | .065a | 1 | .799 |  |  |
| Continuity Correctionb | .054 | 1 | .815 |  |  |
| Likelihood Ratio | .065 | 1 | .799 |  |  |
| Fisher's Exact Test |  |  |  | .811 | .408 |
| Linear-by-Linear Association | .065 | 1 | .799 |  |  |
| N of Valid Cases | 26246 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 977.89. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

**Crosstabs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ethnicity of household head \* score Crosstabulation** | | | | | |
|  | | | score | | Total |
| Low | High |
| Ethnicity of household head | Bengali | Count | 11535 | 18255 | 29790 |
| % within Ethnicity of household head | 38.7% | 61.3% | 100.0% |
| Other | Count | 49 | 139 | 188 |
| % within Ethnicity of household head | 26.1% | 73.9% | 100.0% |
| Total | | Count | 11584 | 18394 | 29978 |
| % within Ethnicity of household head | 38.6% | 61.4% | 100.0% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chi-Square Tests** | | | | | |
|  | Value | df | Asymptotic Significance (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | 12.623a | 1 | .000 |  |  |
| Continuity Correctionb | 12.095 | 1 | .001 |  |  |
| Likelihood Ratio | 13.327 | 1 | .000 |  |  |
| Fisher's Exact Test |  |  |  | .000 | .000 |
| Linear-by-Linear Association | 12.623 | 1 | .000 |  |  |
| N of Valid Cases | 29978 |  |  |  |  |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 72.65. | | | | | |
| b. Computed only for a 2x2 table | | | | | |

\*\*\*\*Stepwise.

LOGISTIC REGRESSION VARIABLES score

/METHOD=BSTEP(LR) HH6 Division women\_age welevel windex5 MMA helevel HHSEX ethnicity Religion

/SAVE=PRED

/CONTRAST (HH6)=Indicator (2)

/CONTRAST (Division)=Indicator

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

/CONTRAST (welevel)=Indicator (1)

/CONTRAST (windex5)=Indicator (1)

/CONTRAST (MMA)=Indicator (0)

/CONTRAST (helevel)=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 22:40:23 |
| Comments | |  |
| Input | Data | F:\ResearchProject\Jamal Sir\Shumi\Bangladesh MICS6 SPSS Datasets\wm.sav |
| Filter | <none> |
| Weight | Woman's sample weight |
| Split File | <none> |
| N of Rows in Working Data File | 29724 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing |
| Syntax | | LOGISTIC REGRESSION VARIABLES score  /METHOD=BSTEP(LR) HH6 Division women\_age welevel windex5 MMA helevel HHSEX ethnicity Religion  /SAVE=PRED  /CONTRAST (HH6)=Indicator (2)  /CONTRAST (Division)=Indicator  /CONTRAST (women\_age)=Indicator (4)  /CONTRAST (welevel)=Indicator (1)  /CONTRAST (windex5)=Indicator (1)  /CONTRAST (MMA)=Indicator (0)  /CONTRAST (helevel)=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 | 00:00:05.17 |
| Elapsed Time | 00:00:05.42 |
| Variables Created or Modified | PRE\_1 | Predicted probability |

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** | | | |
| Unweighted Casesa | | N | Percent |
| Selected Cases | Included in Analysis | 26010 | 87.5 |
| Missing Cases | 3714 | 12.5 |
| Total | 29724 | 100.0 |
| Unselected Cases | | 0 | .0 |
| Total | | 29724 | 100.0 |
| a. If weight is in effect, see classification table for the total number of cases. | | | |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categorical Variables Codings** | | | | | | | | | |
|  | | Frequency | Parameter coding | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Division | Barishal | 1820 | 1.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| Chattogram | 4145 | .000 | 1.000 | .000 | .000 | .000 | .000 | .000 |
| Dhaka | 5563 | .000 | .000 | 1.000 | .000 | .000 | .000 | .000 |
| Khulna | 5179 | .000 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| Mymenshing | 1392 | .000 | .000 | .000 | .000 | 1.000 | .000 | .000 |
| Rajshahi | 3366 | .000 | .000 | .000 | .000 | .000 | 1.000 | .000 |
| Rangpur | 2811 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 |
| Sylhet | 1734 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| Wealth index quintile | Poorest | 3430 | .000 | .000 | .000 | .000 |  |  |  |
| Second | 4652 | 1.000 | .000 | .000 | .000 |  |  |  |
| Middle | 5549 | .000 | 1.000 | .000 | .000 |  |  |  |
| Fourth | 6186 | .000 | .000 | 1.000 | .000 |  |  |  |
| Richest | 6193 | .000 | .000 | .000 | 1.000 |  |  |  |
| women\_age | 15-24 | 5682 | 1.000 | .000 | .000 |  |  |  |  |
| 25-34 | 11050 | .000 | 1.000 | .000 |  |  |  |  |
| 35-44 | 7321 | .000 | .000 | 1.000 |  |  |  |  |
| 44+ | 1957 | .000 | .000 | .000 |  |  |  |  |
| Education of household head | Pre-primary or none | 5508 | .000 | .000 | .000 |  |  |  |  |
| Primary | 6894 | 1.000 | .000 | .000 |  |  |  |  |
| Secondary | 8627 | .000 | 1.000 | .000 |  |  |  |  |
| Higher+ | 4981 | .000 | .000 | 1.000 |  |  |  |  |
| Education | Pre-primary or none | 2097 | .000 | .000 | .000 |  |  |  |  |
| Primary | 5147 | 1.000 | .000 | .000 |  |  |  |  |
| Secondary | 13738 | .000 | 1.000 | .000 |  |  |  |  |
| Higher secondary+ | 5028 | .000 | .000 | 1.000 |  |  |  |  |
| Religion | Islam | 23217 | .000 |  |  |  |  |  |  |
| Others | 2793 | 1.000 |  |  |  |  |  |  |
| MMA | No | 6388 | 1.000 |  |  |  |  |  |  |
| Yes | 19622 | .000 |  |  |  |  |  |  |
| Ethnicity of household head | Bengali | 25695 | 1.000 |  |  |  |  |  |  |
| Other | 315 | .000 |  |  |  |  |  |  |
| Sex of household head | Male | 23733 | 1.000 |  |  |  |  |  |  |
| Female | 2277 | .000 |  |  |  |  |  |  |
| Area | URBAN | 6441 | 1.000 |  |  |  |  |  |  |
| RURAL | 19569 | .000 |  |  |  |  |  |  |

**Block 0: Beginning Block**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea,b** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | Low | High |
| Step 0 | score | Low | 0 | 10429 | .0 |
| High | 0 | 15817 | 100.0 |
| Overall Percentage | |  |  | 60.3 |
| 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 | .417 | .013 | 1090.479 | 1 | .000 | 1.517 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 0 | Variables | Area(1) | 97.428 | 1 | .000 |
| Division | 368.217 | 7 | .000 |
| Division(1) | 16.617 | 1 | .000 |
| Division(2) | .944 | 1 | .331 |
| Division(3) | 96.923 | 1 | .000 |
| Division(4) | .020 | 1 | .888 |
| Division(5) | 1.914 | 1 | .166 |
| Division(6) | 55.512 | 1 | .000 |
| Division(7) | 47.085 | 1 | .000 |
| women\_age | 32.014 | 3 | .000 |
| women\_age(1) | .483 | 1 | .487 |
| women\_age(2) | 14.618 | 1 | .000 |
| women\_age(3) | 4.447 | 1 | .035 |
| Education | 1208.642 | 3 | .000 |
| Education(1) | 346.832 | 1 | .000 |
| Education(2) | 1.206 | 1 | .272 |
| Education(3) | 903.025 | 1 | .000 |
| Wealth index quintile | 304.496 | 4 | .000 |
| Wealth index quintile(1) | 85.832 | 1 | .000 |
| Wealth index quintile(2) | 9.686 | 1 | .002 |
| Wealth index quintile(3) | 1.453 | 1 | .228 |
| Wealth index quintile(4) | 227.043 | 1 | .000 |
| MMA(1) | 89.015 | 1 | .000 |
| Education of household head | 660.254 | 3 | .000 |
| Education of household head(1) | 105.894 | 1 | .000 |
| Education of household head(2) | 12.078 | 1 | .001 |
| Education of household head(3) | 496.232 | 1 | .000 |
| Sex of household head(1) | .070 | 1 | .791 |
| Ethnicity of household head(1) | 12.090 | 1 | .001 |
| Religion(1) | 8.724 | 1 | .003 |
| Overall Statistics | | 1833.962 | 25 | .000 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Omnibus Tests of Model Coefficients** | | | | |
|  | | Chi-square | df | Sig. |
| Step 1 | Step | 1935.479 | 25 | .000 |
| Block | 1935.479 | 25 | .000 |
| Model | 1935.479 | 25 | .000 |
| Step 2a | Step | -.109 | 1 | .741 |
| Block | 1935.370 | 24 | .000 |
| Model | 1935.370 | 24 | .000 |
| Step 3a | Step | -1.683 | 1 | .194 |
| Block | 1933.687 | 23 | .000 |
| Model | 1933.687 | 23 | .000 |
| Step 4a | Step | -7.727 | 4 | .102 |
| Block | 1925.960 | 19 | .000 |
| Model | 1925.960 | 22 | .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 | 33334.443a | .071 | .096 |
| 2 | 33334.552a | .071 | .096 |
| 3 | 33336.235a | .071 | .096 |
| 4 | 33343.962a | .071 | .096 |
| a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Hosmer and Lemeshow Test** | | | |
| Step | Chi-square | df | Sig. |
| 1 | 51.599 | 8 | .000 |
| 2 | 45.727 | 8 | .000 |
| 3 | 50.544 | 8 | .000 |
| 4 | 50.498 | 8 | .000 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Contingency Table for Hosmer and Lemeshow Test** | | | | | | |
|  | | score = Low | | score = High | | Total |
| Observed | Expected | Observed | Expected |
| Step 1 | 1 | 1638 | 1587.529 | 982 | 1033.174 | 2621 |
| 2 | 1384 | 1403.973 | 1226 | 1205.964 | 2610 |
| 3 | 1350 | 1303.813 | 1305 | 1350.722 | 2655 |
| 4 | 1196 | 1187.205 | 1411 | 1419.927 | 2607 |
| 5 | 1089 | 1117.001 | 1537 | 1508.864 | 2626 |
| 6 | 979 | 1043.852 | 1667 | 1602.555 | 2646 |
| 7 | 957 | 947.112 | 1679 | 1688.331 | 2635 |
| 8 | 771 | 787.275 | 1855 | 1838.467 | 2626 |
| 9 | 533 | 609.311 | 2096 | 2019.391 | 2629 |
| 10 | 532 | 441.465 | 2059 | 2149.699 | 2591 |
| Step 2 | 1 | 1626 | 1585.600 | 991 | 1031.569 | 2617 |
| 2 | 1403 | 1411.019 | 1220 | 1212.557 | 2624 |
| 3 | 1335 | 1294.666 | 1302 | 1341.477 | 2636 |
| 4 | 1208 | 1195.100 | 1416 | 1429.527 | 2625 |
| 5 | 1081 | 1116.448 | 1544 | 1508.361 | 2625 |
| 6 | 970 | 1021.769 | 1619 | 1566.891 | 2589 |
| 7 | 947 | 944.570 | 1674 | 1676.917 | 2621 |
| 8 | 780 | 790.484 | 1840 | 1830.342 | 2621 |
| 9 | 532 | 611.511 | 2089 | 2010.438 | 2622 |
| 10 | 545 | 457.369 | 2121 | 2209.014 | 2666 |
| Step 3 | 1 | 1622 | 1582.793 | 991 | 1030.253 | 2613 |
| 2 | 1417 | 1426.116 | 1236 | 1227.244 | 2653 |
| 3 | 1321 | 1287.116 | 1302 | 1335.919 | 2623 |
| 4 | 1234 | 1211.729 | 1430 | 1451.931 | 2664 |
| 5 | 1080 | 1115.157 | 1545 | 1509.909 | 2625 |
| 6 | 975 | 1034.425 | 1651 | 1591.692 | 2626 |
| 7 | 959 | 943.241 | 1667 | 1682.931 | 2626 |
| 8 | 756 | 782.439 | 1860 | 1833.275 | 2616 |
| 9 | 531 | 606.221 | 2087 | 2012.258 | 2618 |
| 10 | 533 | 439.299 | 2048 | 2141.680 | 2581 |
| Step 4 | 1 | 1622 | 1570.707 | 974 | 1024.975 | 2596 |
| 2 | 1390 | 1411.401 | 1233 | 1211.789 | 2623 |
| 3 | 1290 | 1270.711 | 1296 | 1315.654 | 2586 |
| 4 | 1202 | 1194.056 | 1415 | 1423.007 | 2617 |
| 5 | 1100 | 1119.891 | 1526 | 1506.291 | 2626 |
| 6 | 990 | 1041.156 | 1643 | 1591.613 | 2633 |
| 7 | 959 | 947.122 | 1665 | 1676.684 | 2624 |
| 8 | 787 | 797.820 | 1839 | 1827.604 | 2625 |
| 9 | 527 | 611.850 | 2095 | 2010.801 | 2623 |
| 10 | 561 | 463.822 | 2132 | 2228.675 | 2692 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Tablea** | | | | | |
|  | Observed | | Predicted | | |
|  | score | | Percentage Correct |
|  | Low | High |
| Step 1 | score | Low | 3382 | 7047 | 32.4 |
| High | 2630 | 13187 | 83.4 |
| Overall Percentage | |  |  | 63.1 |
| Step 2 | score | Low | 3384 | 7045 | 32.4 |
| High | 2639 | 13178 | 83.3 |
| Overall Percentage | |  |  | 63.1 |
| Step 3 | score | Low | 3363 | 7065 | 32.2 |
| High | 2629 | 13188 | 83.4 |
| Overall Percentage | |  |  | 63.1 |
| Step 4 | score | Low | 3395 | 7033 | 32.6 |
| High | 2622 | 13195 | 83.4 |
| Overall Percentage | |  |  | 63.2 |
| 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(1) | .134 | .034 | 15.356 | 1 | .000 | 1.143 | 1.069 | 1.222 |
| Division |  |  | 499.954 | 7 | .000 |  |  |  |
| Division(1) | -.751 | .090 | 69.974 | 1 | .000 | .472 | .396 | .563 |
| Division(2) | -1.037 | .069 | 224.114 | 1 | .000 | .355 | .310 | .406 |
| Division(3) | -1.297 | .066 | 381.121 | 1 | .000 | .273 | .240 | .311 |
| Division(4) | -.998 | .070 | 202.747 | 1 | .000 | .368 | .321 | .423 |
| Division(5) | -.868 | .080 | 117.381 | 1 | .000 | .420 | .359 | .491 |
| Division(6) | -1.227 | .071 | 300.839 | 1 | .000 | .293 | .255 | .337 |
| Division(7) | -.705 | .075 | 88.365 | 1 | .000 | .494 | .427 | .572 |
| women\_age |  |  | 18.065 | 3 | .000 |  |  |  |
| women\_age(1) | -.021 | .058 | .135 | 1 | .713 | .979 | .873 | 1.097 |
| women\_age(2) | .114 | .053 | 4.574 | 1 | .032 | 1.121 | 1.010 | 1.244 |
| women\_age(3) | .092 | .054 | 2.936 | 1 | .087 | 1.096 | .987 | 1.218 |
| Education |  |  | 564.735 | 3 | .000 |  |  |  |
| Education(1) | .134 | .055 | 5.878 | 1 | .015 | 1.143 | 1.026 | 1.274 |
| Education(2) | .545 | .055 | 100.093 | 1 | .000 | 1.725 | 1.550 | 1.920 |
| Education(3) | 1.318 | .067 | 383.666 | 1 | .000 | 3.734 | 3.273 | 4.260 |
| Wealth index quintile |  |  | 7.051 | 4 | .133 |  |  |  |
| Wealth index quintile(1) | -.008 | .050 | .023 | 1 | .880 | .992 | .899 | 1.096 |
| Wealth index quintile(2) | .077 | .050 | 2.350 | 1 | .125 | 1.080 | .979 | 1.192 |
| Wealth index quintile(3) | .091 | .052 | 3.097 | 1 | .078 | 1.095 | .990 | 1.212 |
| Wealth index quintile(4) | .089 | .058 | 2.307 | 1 | .129 | 1.093 | .975 | 1.225 |
| MMA(1) | -.189 | .035 | 29.797 | 1 | .000 | .828 | .774 | .886 |
| Education of household head |  |  | 40.280 | 3 | .000 |  |  |  |
| Education of household head(1) | .050 | .039 | 1.661 | 1 | .197 | 1.051 | .974 | 1.134 |
| Education of household head(2) | .157 | .039 | 15.893 | 1 | .000 | 1.170 | 1.083 | 1.264 |
| Education of household head(3) | .301 | .051 | 34.684 | 1 | .000 | 1.351 | 1.222 | 1.494 |
| Sex of household head(1) | -.015 | .047 | .109 | 1 | .741 | .985 | .899 | 1.079 |
| Ethnicity of household head(1) | -.681 | .191 | 12.652 | 1 | .000 | .506 | .348 | .737 |
| Religion(1) | -.061 | .047 | 1.646 | 1 | .200 | .941 | .858 | 1.033 |
| Constant | 1.335 | .217 | 38.003 | 1 | .000 | 3.799 |  |  |
| Step 2a | Area(1) | .133 | .034 | 15.248 | 1 | .000 | 1.142 | 1.068 | 1.221 |
| Division |  |  | 499.872 | 7 | .000 |  |  |  |
| Division(1) | -.751 | .090 | 70.004 | 1 | .000 | .472 | .396 | .563 |
| Division(2) | -1.035 | .069 | 224.356 | 1 | .000 | .355 | .310 | .407 |
| Division(3) | -1.296 | .066 | 381.035 | 1 | .000 | .274 | .240 | .312 |
| Division(4) | -.999 | .070 | 203.264 | 1 | .000 | .368 | .321 | .422 |
| Division(5) | -.868 | .080 | 117.499 | 1 | .000 | .420 | .359 | .491 |
| Division(6) | -1.228 | .071 | 301.340 | 1 | .000 | .293 | .255 | .336 |
| Division(7) | -.706 | .075 | 88.715 | 1 | .000 | .494 | .426 | .572 |
| women\_age |  |  | 18.209 | 3 | .000 |  |  |  |
| women\_age(1) | -.021 | .058 | .132 | 1 | .716 | .979 | .874 | 1.097 |
| women\_age(2) | .115 | .053 | 4.626 | 1 | .031 | 1.121 | 1.010 | 1.245 |
| women\_age(3) | .093 | .054 | 2.974 | 1 | .085 | 1.097 | .987 | 1.219 |
| Education |  |  | 564.709 | 3 | .000 |  |  |  |
| Education(1) | .134 | .055 | 5.881 | 1 | .015 | 1.144 | 1.026 | 1.274 |
| Education(2) | .545 | .055 | 100.077 | 1 | .000 | 1.725 | 1.550 | 1.920 |
| Education(3) | 1.318 | .067 | 383.680 | 1 | .000 | 3.734 | 3.273 | 4.261 |
| Wealth index quintile |  |  | 7.288 | 4 | .121 |  |  |  |
| Wealth index quintile(1) | -.007 | .050 | .021 | 1 | .884 | .993 | .899 | 1.096 |
| Wealth index quintile(2) | .078 | .050 | 2.399 | 1 | .121 | 1.081 | .980 | 1.193 |
| Wealth index quintile(3) | .092 | .051 | 3.216 | 1 | .073 | 1.097 | .991 | 1.213 |
| Wealth index quintile(4) | .091 | .058 | 2.431 | 1 | .119 | 1.095 | .977 | 1.227 |
| MMA(1) | -.189 | .035 | 29.740 | 1 | .000 | .828 | .774 | .886 |
| Education of household head |  |  | 40.196 | 3 | .000 |  |  |  |
| Education of household head(1) | .050 | .039 | 1.660 | 1 | .198 | 1.051 | .974 | 1.134 |
| Education of household head(2) | .158 | .039 | 16.095 | 1 | .000 | 1.171 | 1.084 | 1.265 |
| Education of household head(3) | .300 | .051 | 34.576 | 1 | .000 | 1.350 | 1.221 | 1.492 |
| Ethnicity of household head(1) | -.680 | .191 | 12.628 | 1 | .000 | .506 | .348 | .737 |
| Religion(1) | -.061 | .047 | 1.688 | 1 | .194 | .940 | .857 | 1.032 |
| Constant | 1.319 | .211 | 39.029 | 1 | .000 | 3.739 |  |  |
| Step 3a | Area(1) | .133 | .034 | 15.174 | 1 | .000 | 1.142 | 1.068 | 1.220 |
| Division |  |  | 498.658 | 7 | .000 |  |  |  |
| Division(1) | -.748 | .090 | 69.454 | 1 | .000 | .473 | .397 | .564 |
| Division(2) | -1.030 | .069 | 222.879 | 1 | .000 | .357 | .312 | .409 |
| Division(3) | -1.290 | .066 | 379.453 | 1 | .000 | .275 | .242 | .313 |
| Division(4) | -.997 | .070 | 202.383 | 1 | .000 | .369 | .322 | .423 |
| Division(5) | -.860 | .080 | 116.048 | 1 | .000 | .423 | .362 | .495 |
| Division(6) | -1.220 | .070 | 299.724 | 1 | .000 | .295 | .257 | .339 |
| Division(7) | -.701 | .075 | 87.776 | 1 | .000 | .496 | .428 | .574 |
| women\_age |  |  | 18.059 | 3 | .000 |  |  |  |
| women\_age(1) | -.018 | .058 | .096 | 1 | .756 | .982 | .877 | 1.100 |
| women\_age(2) | .117 | .053 | 4.810 | 1 | .028 | 1.124 | 1.012 | 1.248 |
| women\_age(3) | .093 | .054 | 3.026 | 1 | .082 | 1.098 | .988 | 1.220 |
| Education |  |  | 563.102 | 3 | .000 |  |  |  |
| Education(1) | .135 | .055 | 5.925 | 1 | .015 | 1.144 | 1.027 | 1.275 |
| Education(2) | .544 | .054 | 99.782 | 1 | .000 | 1.724 | 1.549 | 1.918 |
| Education(3) | 1.314 | .067 | 382.407 | 1 | .000 | 3.723 | 3.263 | 4.247 |
| Wealth index quintile |  |  | 7.734 | 4 | .102 |  |  |  |
| Wealth index quintile(1) | -.006 | .050 | .015 | 1 | .901 | .994 | .900 | 1.097 |
| Wealth index quintile(2) | .080 | .050 | 2.561 | 1 | .110 | 1.084 | .982 | 1.196 |
| Wealth index quintile(3) | .095 | .051 | 3.442 | 1 | .064 | 1.100 | .995 | 1.217 |
| Wealth index quintile(4) | .096 | .058 | 2.764 | 1 | .096 | 1.101 | .983 | 1.234 |
| MMA(1) | -.185 | .034 | 28.829 | 1 | .000 | .831 | .777 | .889 |
| Education of household head |  |  | 39.814 | 3 | .000 |  |  |  |
| Education of household head(1) | .049 | .039 | 1.594 | 1 | .207 | 1.050 | .973 | 1.133 |
| Education of household head(2) | .156 | .039 | 15.690 | 1 | .000 | 1.168 | 1.082 | 1.262 |
| Education of household head(3) | .299 | .051 | 34.289 | 1 | .000 | 1.348 | 1.220 | 1.490 |
| Ethnicity of household head(1) | -.628 | .187 | 11.264 | 1 | .001 | .534 | .370 | .770 |
| Constant | 1.253 | .205 | 37.400 | 1 | .000 | 3.500 |  |  |
| Step 4a | Area(1) | .150 | .031 | 22.982 | 1 | .000 | 1.162 | 1.093 | 1.235 |
| Division |  |  | 494.126 | 7 | .000 |  |  |  |
| Division(1) | -.773 | .089 | 75.496 | 1 | .000 | .462 | .388 | .550 |
| Division(2) | -1.029 | .069 | 222.712 | 1 | .000 | .357 | .312 | .409 |
| Division(3) | -1.289 | .066 | 380.104 | 1 | .000 | .275 | .242 | .314 |
| Division(4) | -1.007 | .069 | 210.169 | 1 | .000 | .365 | .319 | .418 |
| Division(5) | -.881 | .079 | 124.073 | 1 | .000 | .414 | .355 | .484 |
| Division(6) | -1.237 | .070 | 314.583 | 1 | .000 | .290 | .253 | .333 |
| Division(7) | -.726 | .074 | 96.850 | 1 | .000 | .484 | .419 | .559 |
| women\_age |  |  | 17.980 | 3 | .000 |  |  |  |
| women\_age(1) | -.035 | .058 | .363 | 1 | .547 | .966 | .863 | 1.081 |
| women\_age(2) | .102 | .053 | 3.688 | 1 | .055 | 1.107 | .998 | 1.228 |
| women\_age(3) | .086 | .054 | 2.549 | 1 | .110 | 1.089 | .981 | 1.210 |
| Education |  |  | 603.678 | 3 | .000 |  |  |  |
| Education(1) | .139 | .055 | 6.344 | 1 | .012 | 1.149 | 1.031 | 1.281 |
| Education(2) | .559 | .054 | 106.847 | 1 | .000 | 1.749 | 1.573 | 1.945 |
| Education(3) | 1.337 | .066 | 407.465 | 1 | .000 | 3.808 | 3.344 | 4.336 |
| MMA(1) | -.211 | .032 | 42.622 | 1 | .000 | .810 | .760 | .863 |
| Education of household head |  |  | 48.651 | 3 | .000 |  |  |  |
| Education of household head(1) | .052 | .039 | 1.812 | 1 | .178 | 1.053 | .977 | 1.136 |
| Education of household head(2) | .170 | .039 | 19.260 | 1 | .000 | 1.185 | 1.099 | 1.279 |
| Education of household head(3) | .318 | .050 | 40.896 | 1 | .000 | 1.375 | 1.247 | 1.516 |
| Ethnicity of household head(1) | -.599 | .186 | 10.330 | 1 | .001 | .549 | .381 | .792 |
| Constant | 1.288 | .203 | 40.126 | 1 | .000 | 3.625 |  |  |
| a. Variable(s) entered on step 1: Area, Division, women\_age, Education, Wealth index quintile, MMA, Education of household head, Sex of household head, Ethnicity of household head, Religion. | | | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model if Term Removed** | | | | | |
| Variable | | Model Log Likelihood | Change in -2 Log Likelihood | df | Sig. of the Change |
| Step 1 | Area | -16674.916 | 15.389 | 1 | .000 |
| Division | -16940.013 | 545.584 | 7 | .000 |
| women\_age | -16676.239 | 18.035 | 3 | .000 |
| Education | -16962.353 | 590.263 | 3 | .000 |
| Wealth index quintile | -16670.744 | 7.045 | 4 | .134 |
| MMA | -16682.083 | 29.724 | 1 | .000 |
| Education of household head | -16687.376 | 40.309 | 3 | .000 |
| Sex of household head | -16667.276 | .109 | 1 | .741 |
| Ethnicity of household head | -16674.030 | 13.618 | 1 | .000 |
| Religion | -16668.042 | 1.641 | 1 | .200 |
| Step 2 | Area | -16674.916 | 15.279 | 1 | .000 |
| Division | -16940.033 | 545.515 | 7 | .000 |
| women\_age | -16676.365 | 18.178 | 3 | .000 |
| Education | -16962.395 | 590.238 | 3 | .000 |
| Wealth index quintile | -16670.917 | 7.282 | 4 | .122 |
| MMA | -16682.110 | 29.667 | 1 | .000 |
| Education of household head | -16687.387 | 40.223 | 3 | .000 |
| Ethnicity of household head | -16674.071 | 13.591 | 1 | .000 |
| Religion | -16668.118 | 1.683 | 1 | .194 |
| Step 3 | Area | -16675.720 | 15.205 | 1 | .000 |
| Division | -16940.323 | 544.412 | 7 | .000 |
| women\_age | -16677.132 | 18.029 | 3 | .000 |
| Education | -16962.395 | 588.555 | 3 | .000 |
| Wealth index quintile | -16671.981 | 7.727 | 4 | .102 |
| MMA | -16682.496 | 28.757 | 1 | .000 |
| Education of household head | -16688.039 | 39.844 | 3 | .000 |
| Ethnicity of household head | -16674.188 | 12.141 | 1 | .000 |
| Step 4 | Area | -16683.514 | 23.066 | 1 | .000 |
| Division | -16941.886 | 539.809 | 7 | .000 |
| women\_age | -16680.954 | 17.946 | 3 | .000 |
| Education | -16988.371 | 632.779 | 3 | .000 |
| MMA | -16693.237 | 42.512 | 1 | .000 |
| Education of household head | -16696.325 | 48.689 | 3 | .000 |
| Ethnicity of household head | -16677.537 | 11.111 | 1 | .001 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation** | | | | | |
|  | | | Score | df | Sig. |
| Step 2a | Variables | Sex of household head(1) | .109 | 1 | .741 |
| Overall Statistics | | .109 | 1 | .741 |
| Step 3b | Variables | Sex of household head(1) | .152 | 1 | .697 |
| Religion(1) | 1.689 | 1 | .194 |
| Overall Statistics | | 1.798 | 2 | .407 |
| Step 4c | Variables | Wealth index quintile | 7.736 | 4 | .102 |
| Wealth index quintile(1) | 3.990 | 1 | .046 |
| Wealth index quintile(2) | .791 | 1 | .374 |
| Wealth index quintile(3) | 1.474 | 1 | .225 |
| Wealth index quintile(4) | .326 | 1 | .568 |
| Sex of household head(1) | .445 | 1 | .505 |
| Religion(1) | 2.136 | 1 | .144 |
| Overall Statistics | | 9.536 | 6 | .146 |
| a. Variable(s) removed on step 2: Sex of household head. | | | | | |
| b. Variable(s) removed on step 3: Religion. | | | | | |
| c. Variable(s) removed on step 4: Wealth index quintile. | | | | | |