|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **At least facing one barrier** | | | **P-value** | **AOR [95% CI]** | **P-value** |
|  | No | Yes | |  |  |  |
| **Mother age** |  |  | |  |  |  |
| 15-19 | 23426(8.8%) | 243052(91.2%) | | <.001 | Ref |  |
| 20-24 | 20276(8.0%) | 233530(92.0%) | |  | 1.00[0.94-1.06] | 0.894 |
| 25+ | 74049(7.4%) | 921227(92.6%) | |  | 1.09[1.02-1.15] | 0.004 |
| **Marital status** |  |  | |  |  |  |
| Never Married | 26621(7.1%) | 347724(92.9%) | | <.001 | 1 |  |
| Married/Living Together | 84492(8.1%) | 963203(91.9%) | |  | 0.48[0.22-1.04] | 0.063 |
| Divorced/Separated/Widowed | 6610(7.2%) | 85768(92.8%) | |  | Ref |  |
| **Residence** |  |  | |  |  |  |
| Urban | 25962(5.0%) | 488562(95.0%) | | .000 | 1.22[1.18-1.26] | <.001 |
| Rural | 91789(9.2%) | 909247(90.8%) | |  | Ref |  |
| **Mother Education** |  |  | |  |  |  |
| No education | 50285(13.9%) | 310968(86.1%) | | .000 | Ref |  |
| Primary | 26755(8.6%) | 285374(91.4%) | |  | 1.68[1.62-1.73] | <.001 |
| Secondary | 35696(5.4%) | 622819(94.6%) | |  | 2.39[2.29-2.49] | <.001 |
| Higher | 5013(2.7%) | 178610(97.3%) | |  | 4.08[3.73-4.46] | <.001 |
| **Father Education** |  |  | |  |  |  |
| No education | 26706(17.3%) | 127531(82.7%) | | .000 | Ref |  |
| Primary | 15437(9.3%) | 150258(90.7%) | |  | 1.18[1.14-1.22] | <.001 |
| Secondary | 16366(6.9%) | 221006(93.1%) | |  | 1.00[0.96-1.04] | 0.782 |
| Higher | 3121(4.3%) | 70258(95.7%) | |  | 1.01[0.94-1.08] | 0.681 |
| **Father Age** |  |  | |  |  |  |
| <= 24 | 5233(12.7%) | 35845(87.3%) | | <.001 | Ref |  |
| 25-29 | 8919(10.7%) | 74443(89.3%) | |  | 1.12[1.07-1.18] | <.001 |
| 30-34 | 9906(9.5%) | 94236(90.5%) | |  | 1.25[1.18-1.32] | <.001 |
| 35+ | 36156(9.4%) | 347467(90.6%) | |  | 1.37[1.29-1.45] | <.001 |
| **Mother work** |  |  | |  |  |  |
| No | 51121(10.3%) | 445192(89.7%) | | .000 | Ref |  |
| Yes | 31618(7.9%) | 370510(92.1%) | |  | 1.36[1.33-1.40] | <.001 |
| **Wealth index Status** |  |  | |  |  |  |
| Poor | 67532(10.8%) | 557405(89.2%) | | .000 | Ref |  |
| Middle | 22706(7.4%) | 282558(92.6%) | |  | 1.10[1.06-1.13] | <.001 |
| Rich | 26822(4.7%) | 545486(95.3%) | |  | 1.28[1.24-1.33] | <.001 |
| **Family Members** |  | |  |  |  |  |
| <= 3 | 16954(6.4%) | | 246385(93.6%) | <.001 | 1.13[1.08-1.18] | <.001 |
| > 3 | 100797(8.0%) | | 1151424(92.0%) |  | Ref |  |
| **Household Head Sex** |  | |  |  |  |  |
| Male | 96370(8.0%) | | 1110055(92.0%) | <.001 | Ref |  |
| Female | 21381(6.9%) | | 287746(93.1%) |  | 1.14[1.10-1.19] | <.001 |
| **ANC** |  | |  |  |  |  |
| Less4 | 28618(14.7%) | | 166722(85.3%) | .000 | Ref |  |
| Above4 | 19909(6.6%) | | 279885(93.4%) |  | 1.68[1.64-1.72] | <.001 |
| **TV** |  | |  |  |  |  |
| No | 67808(11.3%) | | 534652(88.7%) | .000 | Ref |  |
| Yes | 49904(5.5%) | | 862928(94.5%) |  | 0.96[0.92-1.00] | 0.112 |
| **Radio** |  | |  |  |  |  |
| No | 81025(7.3%) | | 1022612(92.7%) | <.001 | 1.30[1.25-1.36] | <.001 |
| Yes | 36689(8.9%) | | 374985(91.1%) |  | Ref |  |
| **Media** |  | |  |  |  |  |
| No | 48660(10.7%) | | 408143(89.3%) | .000 | Ref |  |
| Yes | 69042(6.5%) | | 989334(93.5%) |  | 1.25[1.18-1.32] | <.001 |
| **C-section** |  | |  |  |  |  |
| No | 45587(10.8%) | | 378404(89.2%) | .000 | Ref |  |
| Yes | 3788(4.8%) | | 74998(95.2%) |  | 1.37[1.30-1.44] | <.001 |
| **Type of Toilet Facility** |  | |  |  |  |  |
| Modern Toilet | 40651(5.3%) | | 725390(94.7%) | .000 | 1.04[1.00-1.07] | 0.024 |
| Other | 75444(10.3%) | | 656959(89.7%) |  | Ref |  |
| **Place of delivery** |  | |  |  |  |  |
| Home | 19339(17.6%) | | 90497(82.4%) | .000 | Ref |  |
| Hospital Facility | 30081(7.6%) | | 363651(92.4%) |  | 1.40[1.36-1.43] | <.001 |
| **Birth order** |  | |  |  |  |  |
| 1-3 | 50107(6.7%) | | 697654(93.3%) | .000 | 1.14[1.09-1.19] |  |
| 4-6 | 24682(10.0%) | | 223117(90.0%) |  | 1.02[0.98-1.06] | 0.273 |
| 7-17 | 9969(14.7%) | | 57893(85.3%) |  | Ref |  |
| **Fever** |  | |  |  |  |  |
| No | 37996(9.5%) | | 360693(90.5%) | <.001 | 1.04[1.00-1.07] | 0.011 |
| Yes | 10231(10.2%) | | 90427(89.8%) |  | Ref |  |
|  |  | |  |  |  |  |
| **Cough** |  | |  |  |  |  |
| No | 38816(9.8%) | | 357365(90.2%) | <.001 | Ref |  |
| Yes | 10016(9.2%) | | 99195(90.8%) |  | 1.11[1.08-1.15] | <.001 |
| **Diarrhea** |  | |  |  |  |  |
| No | 40787(9.4%) | | 394663(90.6%) | <.001 | 1.03[1.00-1.06] | 0.038 |
| Yes | 8026(11.5%) | | 61782(88.5%) |  | Ref |  |