FGM

2024-05-22

## Sociodemographic

| **Characteristic** | **N = 400**1 |
| --- | --- |
| Age at last birthday (in years) |  |
| 21-25 years | 59.0 (14.8%) |
| 26-30 years | 146.0 (36.5%) |
| 31-35 years | 127.0 (31.8%) |
| 36 and Above | 68.0 (17.0%) |
| Highest educational level of respondent |  |
| Primary | 15.0 (3.8%) |
| Secondary | 218.0 (54.5%) |
| Tertiary | 157.0 (39.3%) |
| Vocational | 10.0 (2.5%) |
| Marital status |  |
| Married | 377.0 (94.3%) |
| Single | 22.0 (5.5%) |
| Widowed | 1.0 (0.3%) |
| Highest educational level of respondent's husband/partner |  |
| None | 1.0 (0.3%) |
| Primary | 5.0 (1.3%) |
| Secondary | 202.0 (50.5%) |
| Tertiary | 162.0 (40.5%) |
| Vocational | 30.0 (7.5%) |
| Geopolitical zone |  |
| North Central | 16.0 (4.0%) |
| North East | 15.0 (3.8%) |
| North West | 39.0 (9.8%) |
| South East | 81.0 (20.3%) |
| South South | 53.0 (13.3%) |
| South West | 196.0 (49.0%) |
| Religion |  |
| African Traditional Religion | 1.0 (0.3%) |
| Christianity | 319.0 (79.8%) |
| Islam | 80.0 (20.0%) |
| Type of family |  |
| Monogamy | 355.0 (88.8%) |
| Polygamy | 45.0 (11.3%) |
| Occupation |  |
| Civil Servant | 150.0 (37.5%) |
| Self-employed | 219.0 (54.8%) |
| unemployed | 31.0 (7.8%) |
| Estimated household monthly income |  |
| <30,000 | 160.0 (40.1%) |
| >90,000 | 67.0 (16.8%) |
| 30,000-90,000 | 172.0 (43.1%) |
| Unknown | 1 |
| 1n (%) | |

| **Characteristic** | **N = 400**1 |
| --- | --- |
| Number of pregnancies |  |
| 1 | 92.0 (23.0%) |
| 2 | 87.0 (21.8%) |
| 3 | 114.0 (28.5%) |
| 4 and Above | 107.0 (26.8%) |
| Number of living children |  |
| 0 | 92.0 (23.0%) |
| 1 | 92.0 (23.0%) |
| 2 | 115.0 (28.8%) |
| 3 and Above | 101.0 (25.3%) |
| Antenatal registration in this pregnancy |  |
| 1-3 months | 153.0 (38.3%) |
| 4-6 months | 229.0 (57.3%) |
| 7-9 months | 18.0 (4.5%) |
| 1n (%) | |

| **Characteristic** | **N = 400**1 |
| --- | --- |
| Have you ever heard of female genital mutilation? |  |
| No | 45.0 (11.3%) |
| Yes | 355.0 (88.8%) |
| Your parents |  |
| No | 165.0 (46.5%) |
| Yes | 190.0 (53.5%) |
| Unknown | 45 |
| Television |  |
| No | 267.0 (75.2%) |
| Yes | 88.0 (24.8%) |
| Unknown | 45 |
| Radio |  |
| No | 276.0 (77.7%) |
| Yes | 79.0 (22.3%) |
| Unknown | 45 |
| Newspaper/Magazine |  |
| No | 338.0 (95.2%) |
| Yes | 17.0 (4.8%) |
| Unknown | 45 |
| Internet |  |
| No | 311.0 (87.6%) |
| Yes | 44.0 (12.4%) |
| Unknown | 45 |
| Health workers |  |
| No | 291.0 (82.0%) |
| Yes | 64.0 (18.0%) |
| Unknown | 45 |
| Religious homes |  |
| No | 339.0 (95.5%) |
| Yes | 16.0 (4.5%) |
| Unknown | 45 |
| School |  |
| No | 309.0 (87.0%) |
| Yes | 46.0 (13.0%) |
| Unknown | 45 |
| Non-governmental organizations (NGO) |  |
| No | 352.0 (99.2%) |
| Yes | 3.0 (0.8%) |
| Unknown | 45 |
| Have you ever heard about campaigns against female circumcision? |  |
| No | 75.0 (21.1%) |
| Yes | 280.0 (78.9%) |
| Unknown | 45 |
| How long ago have you been hearing about female circumcision? |  |
| <5 years | 130.0 (36.6%) |
| >5 years | 225.0 (63.4%) |
| Unknown | 45 |
| Is there any law that forbids the practice of female circumcision in Nigeria? |  |
| I don’t know | 64.0 (18.0%) |
| No | 45.0 (12.7%) |
| Yes | 246.0 (69.3%) |
| Unknown | 45 |
| 1n (%) | |

| **Characteristic** | **N = 400**1 |
| --- | --- |
| Does female circumcision involve the cutting of flesh from the female genital area? | 349.0 (98.3%) |
| Unknown | 45 |
| Does female circumcision involve the sewing of the female external genital area? | 125.0 (35.2%) |
| Unknown | 45 |
| Is female circumcision a practice that causes injuries such as piercing and cutting to the vaginal area? | 289.0 (81.4%) |
| Unknown | 45 |
| Is female circumcision painless to the victim? | 47.0 (13.2%) |
| Unknown | 45 |
| Can female circumcision cause bleeding in the victim? | 311.0 (87.6%) |
| Unknown | 45 |
| Can female circumcision cause wound infections in the victim? | 265.0 (74.6%) |
| Unknown | 45 |
| Can viral infections such as HIV and hepatitis B virus be transmitted to the victim during female circumcision? | 250.0 (70.4%) |
| Unknown | 45 |
| Can victims of female circumcision suffer depression in the future? | 178.0 (50.1%) |
| Unknown | 45 |
| Can victims of female circumcision experience difficulty bearing a child in the future? | 124.0 (34.9%) |
| Unknown | 45 |
| Can female circumcision lead to infertility? | 113.0 (31.8%) |
| Unknown | 45 |
| Can female circumcision cause a broken home? | 235.0 (66.2%) |
| Unknown | 45 |
| Can a victim of female circumcision experience problems during urination? | 173.0 (48.7%) |
| Unknown | 45 |
| knowledge\_score | 7.00 (4.00, 8.00) |
| 1n (%); Median (IQR) | |

| **Perception of Female Genital Mutilation** | **SA**, N = 5191 | **A**, N = 1,0741 | **U**, N = 9001 | **D**, N = 1,3131 | **SD**, N = 1,1641 |
| --- | --- | --- | --- | --- | --- |
| \*\*Support for Items\*\* |  |  |  |  |  |
| Female circumcision brings honor to a girl child | 14.00 (3.94%) | 113.00 (31.83%) | 53.00 (14.93%) | 92.00 (25.92%) | 83.00 (23.38%) |
| Female circumcision improves a girl’s chances of getting married | 19.00 (5.35%) | 64.00 (18.03%) | 69.00 (19.44%) | 127.00 (35.77%) | 76.00 (21.41%) |
| Females that are not circumcised are likely to be promiscuous | 27.00 (7.61%) | 58.00 (16.34%) | 77.00 (21.69%) | 102.00 (28.73%) | 91.00 (25.63%) |
| Females who are not circumcised are likely to be stigmatized in society | 0.00 (0.00%) | 51.00 (14.37%) | 76.00 (21.41%) | 120.00 (33.80%) | 108.00 (30.42%) |
| FGM causes reduced sexual satisfaction for the woman | 77.00 (21.69%) | 114.00 (32.11%) | 85.00 (23.94%) | 50.00 (14.08%) | 29.00 (8.17%) |
| FGM helps to promote a woman’s faithfulness to her husband | 33.00 (9.30%) | 77.00 (21.69%) | 62.00 (17.46%) | 91.00 (25.63%) | 92.00 (25.92%) |
| FGM improves the sexual hygiene of the female | 19.00 (5.35%) | 98.00 (27.61%) | 49.00 (13.80%) | 105.00 (29.58%) | 84.00 (23.66%) |
| FGM is beneficial for the female | 23.00 (6.48%) | 71.00 (20.00%) | 67.00 (18.87%) | 105.00 (29.58%) | 89.00 (25.07%) |
| FGM makes the female genital area more attractive | 25.00 (7.04%) | 60.00 (16.90%) | 90.00 (25.35%) | 124.00 (34.93%) | 56.00 (15.77%) |
| FGM sustains tradition and should be continued | 22.00 (6.20%) | 81.00 (22.82%) | 44.00 (12.39%) | 71.00 (20.00%) | 137.00 (38.59%) |
| Men prefer to marry women who have been circumcised | 41.00 (11.55%) | 50.00 (14.08%) | 56.00 (15.77%) | 112.00 (31.55%) | 96.00 (27.04%) |
| The practice of female circumcision is an uncivilized act and should be stopped | 150.00 (42.25%) | 96.00 (27.04%) | 46.00 (12.96%) | 36.00 (10.14%) | 27.00 (7.61%) |
| The practice of female circumcision is supported by my religion | 39.00 (10.99%) | 73.00 (20.56%) | 71.00 (20.00%) | 62.00 (17.46%) | 110.00 (30.99%) |
| The practice of FGM protects a girl’s virginity | 30.00 (8.45%) | 68.00 (19.15%) | 55.00 (15.49%) | 116.00 (32.68%) | 86.00 (24.23%) |
| 1n (%) | | | | | |

| **Question** | **N** | **N = 400***1* |
| --- | --- | --- |
| Were you circumcised? | 355 |  |
| I don't know |  | 29.0 (8.2%) |
| No |  | 195.0 (54.9%) |
| Yes |  | 131.0 (36.9%) |
| Do you have a daughter(s)? | 355 | 201.0 (56.6%) |
| How many daughters do you have? | 201 |  |
| 1 |  | 108.0 (53.7%) |
| 2 |  | 66.0 (32.8%) |
| 3 |  | 22.0 (10.9%) |
| 4 |  | 4.0 (2.0%) |
| 5 |  | 1.0 (0.5%) |
| How many of your daughters are circumcised? | 201 |  |
| 1 |  | 20.0 (10.0%) |
| 2 |  | 13.0 (6.5%) |
| 3 |  | 8.0 (4.0%) |
| None |  | 160.0 (79.6%) |
| Age of last daughter when circumcised (58) | 41 |  |
| 1 month |  | 2.0 (4.9%) |
| 1 months |  | 2.0 (4.9%) |
| 1 week |  | 1.0 (2.4%) |
| 1 year |  | 7.0 (17.1%) |
| 10 years |  | 5.0 (12.2%) |
| 12 years |  | 1.0 (2.4%) |
| 14 years |  | 2.0 (4.9%) |
| 15 years |  | 1.0 (2.4%) |
| 17 years |  | 1.0 (2.4%) |
| 18 years |  | 1.0 (2.4%) |
| 19 years |  | 1.0 (2.4%) |
| 2 months |  | 5.0 (12.2%) |
| 2 years |  | 6.0 (14.6%) |
| 3 months |  | 1.0 (2.4%) |
| 3 years |  | 2.0 (4.9%) |
| 4 months |  | 1.0 (2.4%) |
| 6 years |  | 1.0 (2.4%) |
| 8 years |  | 1.0 (2.4%) |
| Age of last daughter when circumcised (59) | 41 |  |
| < 1 year |  | 12.0 (29.3%) |
| 1-5 years |  | 15.0 (36.6%) |
| 11-15 years |  | 4.0 (9.8%) |
| 16-20 years |  | 3.0 (7.3%) |
| 6-10 years |  | 7.0 (17.1%) |
| Who performed the circumcision? | 41 |  |
| Doctor |  | 5.0 (12.2%) |
| Grandmother |  | 1.0 (2.4%) |
| Nurse |  | 31.0 (75.6%) |
| Traditional Birth Attendant |  | 4.0 (9.8%) |
| Do you plan to circumcise your daughter(s) in the future? | 355 | 69.0 (19.4%) |
| Who do you plan to perform the circumcision? | 69 |  |
| Doctor |  | 19.0 (27.5%) |
| Mother |  | 1.0 (1.4%) |
| Nurse |  | 46.0 (66.7%) |
| Traditional Birth Attendant |  | 3.0 (4.3%) |
| Plan to circumcise daughter due to religious requirement | 69 | 51.0 (73.9%) |
| Plan to circumcise daughter to avoid promiscuity | 69 | 54.0 (78.3%) |
| Increases chances of getting married | 69 | 46.0 (66.7%) |
| Decreases sexual desire | 69 | 46.0 (66.7%) |
| To please future husband | 69 | 43.0 (62.3%) |
| To preserve her virginity | 69 | 52.0 (75.4%) |
| It's a cultural tradition that should be followed | 69 | 50.0 (72.5%) |
| Can result in medical complications | 286 | 262.0 (91.6%) |
| Not supported by my religion | 286 | 244.0 (85.3%) |
| Against the law in Nigeria | 286 | 220.0 (76.9%) |
| There is no need to do it | 286 | 265.0 (92.7%) |
| My husband will not accept it | 286 | 256.0 (89.5%) |
| *1*n (%) | | |

|  | **Knowledge Category** | |  |
| --- | --- | --- | --- |
| **Variable** | **Good**, N = 2331 | **Poor**, N = 1671 | **p-value**2 |
| Age (years) |  |  | 0.075 |
| 21-25 years | 37.0 (15.9%) | 22.0 (13.2%) |  |
| 26-30 years | 90.0 (38.6%) | 56.0 (33.5%) |  |
| 31-35 years | 76.0 (32.6%) | 51.0 (30.5%) |  |
| 36 and Above | 30.0 (12.9%) | 38.0 (22.8%) |  |
| Highest Educational Level |  |  | <0.001 |
| Primary | 5.0 (2.1%) | 10.0 (6.0%) |  |
| Secondary | 107.0 (45.9%) | 111.0 (66.5%) |  |
| Tertiary | 115.0 (49.4%) | 42.0 (25.1%) |  |
| Vocational | 6.0 (2.6%) | 4.0 (2.4%) |  |
| Marital Status |  |  | 0.9 |
| Married | 220.0 (94.4%) | 157.0 (94.0%) |  |
| Single | 12.0 (5.2%) | 10.0 (6.0%) |  |
| Widowed | 1.0 (0.4%) | 0.0 (0.0%) |  |
| Highest Educational Level |  |  | <0.001 |
| None | 1.0 (0.4%) | 0.0 (0.0%) |  |
| Primary | 3.0 (1.3%) | 2.0 (1.2%) |  |
| Secondary | 97.0 (41.6%) | 105.0 (62.9%) |  |
| Tertiary | 109.0 (46.8%) | 53.0 (31.7%) |  |
| Vocational | 23.0 (9.9%) | 7.0 (4.2%) |  |
| Geopolitical Zone |  |  | 0.058 |
| North Central | 9.0 (3.9%) | 7.0 (4.2%) |  |
| North East | 13.0 (5.6%) | 2.0 (1.2%) |  |
| North West | 16.0 (6.9%) | 23.0 (13.8%) |  |
| South East | 51.0 (21.9%) | 30.0 (18.0%) |  |
| South South | 32.0 (13.7%) | 21.0 (12.6%) |  |
| South West | 112.0 (48.1%) | 84.0 (50.3%) |  |
| Religion |  |  | >0.9 |
| African Traditional Religion | 1.0 (0.4%) | 0.0 (0.0%) |  |
| Christianity | 186.0 (79.8%) | 133.0 (79.6%) |  |
| Islam | 46.0 (19.7%) | 34.0 (20.4%) |  |
| Type of Family |  |  | 0.4 |
| Monogamy | 204.0 (87.6%) | 151.0 (90.4%) |  |
| Polygamy | 29.0 (12.4%) | 16.0 (9.6%) |  |
| Occupation |  |  | 0.3 |
| Civil Servant | 93.0 (39.9%) | 57.0 (34.1%) |  |
| Self-employed | 120.0 (51.5%) | 99.0 (59.3%) |  |
| unemployed | 20.0 (8.6%) | 11.0 (6.6%) |  |
| Estimated Household Monthly Income (N) |  |  | 0.033 |
| <30,000 | 83.0 (35.6%) | 77.0 (46.4%) |  |
| >90,000 | 37.0 (15.9%) | 30.0 (18.1%) |  |
| 30,000-90,000 | 113.0 (48.5%) | 59.0 (35.5%) |  |
| Unknown | 0 | 1 |  |
| Knowledge Score | 8.33 ± 1.53 | 3.10 ± 2.20 | <0.001 |
| 1n (%); Mean ± SD | | | |
| 2Pearson's Chi-squared test; Fisher's exact test; Wilcoxon rank sum test | | | |

|  | **Perception Category** | |  |
| --- | --- | --- | --- |
| **Variable** | **Negative**, N = 451 | **Positive**, N = 3101 | **p-value**2 |
| Age (years) |  |  | 0.8 |
| 21-25 years | 5.0 (11.1%) | 47.0 (15.2%) |  |
| 26-30 years | 19.0 (42.2%) | 110.0 (35.5%) |  |
| 31-35 years | 13.0 (28.9%) | 99.0 (31.9%) |  |
| 36 and Above | 8.0 (17.8%) | 54.0 (17.4%) |  |
| Highest Educational Level |  |  | <0.001 |
| Primary | 0.0 (0.0%) | 8.0 (2.6%) |  |
| Secondary | 34.0 (75.6%) | 162.0 (52.3%) |  |
| Tertiary | 7.0 (15.6%) | 135.0 (43.5%) |  |
| Vocational | 4.0 (8.9%) | 5.0 (1.6%) |  |
| Marital Status |  |  | 0.7 |
| Married | 44.0 (97.8%) | 292.0 (94.2%) |  |
| Single | 1.0 (2.2%) | 17.0 (5.5%) |  |
| Widowed | 0.0 (0.0%) | 1.0 (0.3%) |  |
| Highest Educational Level |  |  | 0.038 |
| None | 0.0 (0.0%) | 1.0 (0.3%) |  |
| Primary | 1.0 (2.2%) | 4.0 (1.3%) |  |
| Secondary | 32.0 (71.1%) | 150.0 (48.4%) |  |
| Tertiary | 10.0 (22.2%) | 129.0 (41.6%) |  |
| Vocational | 2.0 (4.4%) | 26.0 (8.4%) |  |
| Geopolitical Zone |  |  | 0.12 |
| North Central | 2.0 (4.4%) | 14.0 (4.5%) |  |
| North East | 1.0 (2.2%) | 14.0 (4.5%) |  |
| North West | 10.0 (22.2%) | 25.0 (8.1%) |  |
| South East | 8.0 (17.8%) | 66.0 (21.3%) |  |
| South South | 7.0 (15.6%) | 42.0 (13.5%) |  |
| South West | 17.0 (37.8%) | 149.0 (48.1%) |  |
| Religion |  |  | 0.9 |
| African Traditional Religion | 0.0 (0.0%) | 1.0 (0.3%) |  |
| Christianity | 37.0 (82.2%) | 247.0 (79.7%) |  |
| Islam | 8.0 (17.8%) | 62.0 (20.0%) |  |
| Type of Family |  |  | 0.6 |
| Monogamy | 39.0 (86.7%) | 276.0 (89.0%) |  |
| Polygamy | 6.0 (13.3%) | 34.0 (11.0%) |  |
| Occupation |  |  | 0.079 |
| Civil Servant | 19.0 (42.2%) | 124.0 (40.0%) |  |
| Self-employed | 19.0 (42.2%) | 166.0 (53.5%) |  |
| unemployed | 7.0 (15.6%) | 20.0 (6.5%) |  |
| Estimated Household Monthly Income (N) |  |  | 0.004 |
| <30,000 | 29.0 (64.4%) | 120.0 (38.7%) |  |
| >90,000 | 6.0 (13.3%) | 52.0 (16.8%) |  |
| 30,000-90,000 | 10.0 (22.2%) | 138.0 (44.5%) |  |
| perception\_score | 31.87 ± 3.27 | 51.41 ± 10.38 | <0.001 |
| 1n (%); Mean ± SD | | | |
| 2Pearson's Chi-squared test; Fisher's exact test; Wilcoxon rank sum test | | | |

|  | | **Current Practice** | |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Overall**, N = 2011 | **No**, N = 1601 | **Yes**, N = 411 | **p-value**2 |
| Age (years) |  |  |  | 0.5 |
| 21-25 years | 18.0 (9.0%) | 14.0 (8.8%) | 4.0 (9.8%) |  |
| 26-30 years | 65.0 (32.3%) | 51.0 (31.9%) | 14.0 (34.1%) |  |
| 31-35 years | 72.0 (35.8%) | 61.0 (38.1%) | 11.0 (26.8%) |  |
| 36 and Above | 46.0 (22.9%) | 34.0 (21.3%) | 12.0 (29.3%) |  |
| Highest Educational Level |  |  |  | 0.032 |
| Primary | 7.0 (3.5%) | 7.0 (4.4%) | 0.0 (0.0%) |  |
| Secondary | 121.0 (60.2%) | 89.0 (55.6%) | 32.0 (78.0%) |  |
| Tertiary | 70.0 (34.8%) | 62.0 (38.8%) | 8.0 (19.5%) |  |
| Vocational | 3.0 (1.5%) | 2.0 (1.3%) | 1.0 (2.4%) |  |
| Marital Status |  |  |  | 0.6 |
| Married | 194.0 (96.5%) | 155.0 (96.9%) | 39.0 (95.1%) |  |
| Single | 7.0 (3.5%) | 5.0 (3.1%) | 2.0 (4.9%) |  |
| Highest Educational Level |  |  |  | 0.085 |
| Primary | 3.0 (1.5%) | 3.0 (1.9%) | 0.0 (0.0%) |  |
| Secondary | 119.0 (59.2%) | 88.0 (55.0%) | 31.0 (75.6%) |  |
| Tertiary | 69.0 (34.3%) | 61.0 (38.1%) | 8.0 (19.5%) |  |
| Vocational | 10.0 (5.0%) | 8.0 (5.0%) | 2.0 (4.9%) |  |
| Geopolitical Zone |  |  |  | 0.002 |
| North Central | 13.0 (6.5%) | 10.0 (6.3%) | 3.0 (7.3%) |  |
| North East | 5.0 (2.5%) | 3.0 (1.9%) | 2.0 (4.9%) |  |
| North West | 20.0 (10.0%) | 9.0 (5.6%) | 11.0 (26.8%) |  |
| South East | 44.0 (21.9%) | 40.0 (25.0%) | 4.0 (9.8%) |  |
| South South | 28.0 (13.9%) | 23.0 (14.4%) | 5.0 (12.2%) |  |
| South West | 91.0 (45.3%) | 75.0 (46.9%) | 16.0 (39.0%) |  |
| Religion |  |  |  | 0.3 |
| Christianity | 164.0 (81.6%) | 133.0 (83.1%) | 31.0 (75.6%) |  |
| Islam | 37.0 (18.4%) | 27.0 (16.9%) | 10.0 (24.4%) |  |
| Type of Family |  |  |  | 0.6 |
| Monogamy | 176.0 (87.6%) | 139.0 (86.9%) | 37.0 (90.2%) |  |
| Polygamy | 25.0 (12.4%) | 21.0 (13.1%) | 4.0 (9.8%) |  |
| Occupation |  |  |  | 0.039 |
| Civil Servant | 87.0 (43.3%) | 63.0 (39.4%) | 24.0 (58.5%) |  |
| Self-employed | 103.0 (51.2%) | 86.0 (53.8%) | 17.0 (41.5%) |  |
| unemployed | 11.0 (5.5%) | 11.0 (6.9%) | 0.0 (0.0%) |  |
| Estimated Household Monthly Income (N) |  |  |  | 0.003 |
| <30,000 | 87.0 (43.3%) | 60.0 (37.5%) | 27.0 (65.9%) |  |
| >90,000 | 36.0 (17.9%) | 30.0 (18.8%) | 6.0 (14.6%) |  |
| 30,000-90,000 | 78.0 (38.8%) | 70.0 (43.8%) | 8.0 (19.5%) |  |
| 1n (%) | | | | |
| 2Fisher's exact test; Pearson's Chi-squared test | | | | |

|  | | **Intent to Practice** | |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Overall**, N = 3551 | **No**, N = 2861 | **Yes**, N = 691 | **p-value**2 |
| Age (years) |  |  |  | 0.4 |
| 21-25 years | 52.0 (14.6%) | 40.0 (14.0%) | 12.0 (17.4%) |  |
| 26-30 years | 129.0 (36.3%) | 106.0 (37.1%) | 23.0 (33.3%) |  |
| 31-35 years | 112.0 (31.5%) | 94.0 (32.9%) | 18.0 (26.1%) |  |
| 36 and Above | 62.0 (17.5%) | 46.0 (16.1%) | 16.0 (23.2%) |  |
| Highest Educational Level |  |  |  | 0.003 |
| Primary | 8.0 (2.3%) | 7.0 (2.4%) | 1.0 (1.4%) |  |
| Secondary | 196.0 (55.2%) | 145.0 (50.7%) | 51.0 (73.9%) |  |
| Tertiary | 142.0 (40.0%) | 127.0 (44.4%) | 15.0 (21.7%) |  |
| Vocational | 9.0 (2.5%) | 7.0 (2.4%) | 2.0 (2.9%) |  |
| Marital Status |  |  |  | >0.9 |
| Married | 336.0 (94.6%) | 270.0 (94.4%) | 66.0 (95.7%) |  |
| Single | 18.0 (5.1%) | 15.0 (5.2%) | 3.0 (4.3%) |  |
| Widowed | 1.0 (0.3%) | 1.0 (0.3%) | 0.0 (0.0%) |  |
| Highest Educational Level |  |  |  | <0.001 |
| None | 1.0 (0.3%) | 0.0 (0.0%) | 1.0 (1.4%) |  |
| Primary | 5.0 (1.4%) | 3.0 (1.0%) | 2.0 (2.9%) |  |
| Secondary | 182.0 (51.3%) | 135.0 (47.2%) | 47.0 (68.1%) |  |
| Tertiary | 139.0 (39.2%) | 122.0 (42.7%) | 17.0 (24.6%) |  |
| Vocational | 28.0 (7.9%) | 26.0 (9.1%) | 2.0 (2.9%) |  |
| Geopolitical Zone |  |  |  | 0.032 |
| North Central | 16.0 (4.5%) | 10.0 (3.5%) | 6.0 (8.7%) |  |
| North East | 15.0 (4.2%) | 12.0 (4.2%) | 3.0 (4.3%) |  |
| North West | 35.0 (9.9%) | 23.0 (8.0%) | 12.0 (17.4%) |  |
| South East | 74.0 (20.8%) | 66.0 (23.1%) | 8.0 (11.6%) |  |
| South South | 49.0 (13.8%) | 39.0 (13.6%) | 10.0 (14.5%) |  |
| South West | 166.0 (46.8%) | 136.0 (47.6%) | 30.0 (43.5%) |  |
| Religion |  |  |  | 0.9 |
| African Traditional Religion | 1.0 (0.3%) | 1.0 (0.3%) | 0.0 (0.0%) |  |
| Christianity | 284.0 (80.0%) | 229.0 (80.1%) | 55.0 (79.7%) |  |
| Islam | 70.0 (19.7%) | 56.0 (19.6%) | 14.0 (20.3%) |  |
| Type of Family |  |  |  | 0.11 |
| Monogamy | 315.0 (88.7%) | 250.0 (87.4%) | 65.0 (94.2%) |  |
| Polygamy | 40.0 (11.3%) | 36.0 (12.6%) | 4.0 (5.8%) |  |
| Occupation |  |  |  | 0.3 |
| Civil Servant | 143.0 (40.3%) | 110.0 (38.5%) | 33.0 (47.8%) |  |
| Self-employed | 185.0 (52.1%) | 152.0 (53.1%) | 33.0 (47.8%) |  |
| unemployed | 27.0 (7.6%) | 24.0 (8.4%) | 3.0 (4.3%) |  |
| Estimated Household Monthly Income (N) |  |  |  | <0.001 |
| <30,000 | 149.0 (42.0%) | 103.0 (36.0%) | 46.0 (66.7%) |  |
| >90,000 | 58.0 (16.3%) | 47.0 (16.4%) | 11.0 (15.9%) |  |
| 30,000-90,000 | 148.0 (41.7%) | 136.0 (47.6%) | 12.0 (17.4%) |  |
| 1n (%) | | | | |
| 2Pearson's Chi-squared test; Fisher's exact test | | | | |

|  | | | **Intent to Practice** | |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **Overall**, N = 3551 | **No**, N = 2861 | **Yes**, N = 691 | **p-value**2 |
| knowledge\_score | 355 | 7.00 (5.00, 8.00) | 7.00 (6.00, 9.00) | 5.00 (4.00, 7.00) | <0.001 |
| knowledge\_cat | 355 |  |  |  | <0.001 |
| Good |  | 233.0 (65.6%) | 213.0 (74.5%) | 20.0 (29.0%) |  |
| Poor |  | 122.0 (34.4%) | 73.0 (25.5%) | 49.0 (71.0%) |  |
| perception\_score | 355 | 49.00 (39.00, 58.00) | 53.00 (42.25, 61.00) | 36.00 (34.00, 39.00) | <0.001 |
| perception\_cat | 355 |  |  |  | <0.001 |
| Negative |  | 45.0 (12.7%) | 17.0 (5.9%) | 28.0 (40.6%) |  |
| Positive |  | 310.0 (87.3%) | 269.0 (94.1%) | 41.0 (59.4%) |  |
| current\_practice | 201 | 41.0 (20.4%) | 3.0 (2.0%) | 38.0 (76.0%) | <0.001 |
| Unknown |  | 154 | 135 | 19 |  |
| 1Median (IQR); n (%) | | | | | |
| 2Wilcoxon rank sum test; Pearson's Chi-squared test | | | | | |

| **Characteristic** | **Beta** | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| (Intercept) | 6.7 | -2.5, 16 | 0.2 |
| Age (years) |  |  |  |
| 21-25 years | — | — |  |
| 26-30 years | -0.28 | -1.3, 0.69 | 0.6 |
| 31-35 years | -0.17 | -1.2, 0.83 | 0.7 |
| 36 and Above | -1.0 | -2.1, 0.10 | 0.076 |
| Highest Educational Level |  |  |  |
| Primary | — | — |  |
| Secondary | 1.9 | 0.19, 3.5 | 0.030 |
| Tertiary | 3.7 | 1.9, 5.6 | <0.001 |
| Vocational | 2.5 | -0.11, 5.0 | 0.061 |
| Marital Status |  |  |  |
| Married | — | — |  |
| Single | -0.87 | -2.2, 0.50 | 0.2 |
| Widowed | -1.8 | -7.9, 4.3 | 0.6 |
| Highest Educational Level |  |  |  |
| None | — | — |  |
| Primary | -0.51 | -7.2, 6.1 | 0.9 |
| Secondary | -1.8 | -7.9, 4.3 | 0.6 |
| Tertiary | -2.5 | -8.5, 3.6 | 0.4 |
| Vocational | -1.3 | -7.4, 4.9 | 0.7 |
| Geopolitical Zone |  |  |  |
| North Central | — | — |  |
| North East | 1.6 | -0.66, 3.8 | 0.2 |
| North West | -0.72 | -2.5, 1.1 | 0.4 |
| South East | -0.39 | -2.1, 1.3 | 0.7 |
| South South | -0.28 | -2.0, 1.4 | 0.8 |
| South West | -0.67 | -2.3, 0.91 | 0.4 |
| Religion |  |  |  |
| African Traditional Religion | — | — |  |
| Christianity | 0.38 | -6.0, 6.7 | >0.9 |
| Islam | 0.61 | -5.8, 7.0 | 0.9 |
| Type of Family |  |  |  |
| Monogamy | — | — |  |
| Polygamy | 0.58 | -0.42, 1.6 | 0.3 |
| Occupation |  |  |  |
| Civil Servant | — | — |  |
| Self-employed | -1.1 | -1.8, -0.41 | 0.002 |
| unemployed | -0.42 | -1.7, 0.85 | 0.5 |
| Estimated Household Monthly Income (N) |  |  |  |
| <30,000 | — | — |  |
| >90,000 | -0.64 | -1.6, 0.29 | 0.2 |
| 30,000-90,000 | 0.17 | -0.57, 0.91 | 0.7 |
| 1CI = Confidence Interval | | | |

| **Characteristic** | **Beta** | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| (Intercept) | 34 | -20, 88 | 0.2 |
| Age (years) |  |  |  |
| 21-25 years | — | — |  |
| 26-30 years | -3.2 | -9.0, 2.6 | 0.3 |
| 31-35 years | -4.2 | -10, 1.7 | 0.2 |
| 36 and Above | -4.7 | -11, 2.0 | 0.2 |
| Highest Educational Level |  |  |  |
| Primary | — | — |  |
| Secondary | 15 | 5.2, 25 | 0.003 |
| Tertiary | 26 | 15, 37 | <0.001 |
| Vocational | 16 | 1.0, 32 | 0.037 |
| Marital Status |  |  |  |
| Married | — | — |  |
| Single | -3.6 | -12, 4.6 | 0.4 |
| Widowed | -4.2 | -41, 32 | 0.8 |
| Highest Educational Level |  |  |  |
| None | — | — |  |
| Primary | 23 | -17, 63 | 0.3 |
| Secondary | 9.6 | -27, 46 | 0.6 |
| Tertiary | 8.9 | -27, 45 | 0.6 |
| Vocational | 17 | -20, 53 | 0.4 |
| Geopolitical Zone |  |  |  |
| North Central | — | — |  |
| North East | 3.0 | -10, 16 | 0.7 |
| North West | -7.2 | -18, 3.5 | 0.2 |
| South East | -3.0 | -13, 7.1 | 0.6 |
| South South | -1.1 | -11, 9.2 | 0.8 |
| South West | -4.8 | -14, 4.7 | 0.3 |
| Religion |  |  |  |
| African Traditional Religion | — | — |  |
| Christianity | -10 | -48, 28 | 0.6 |
| Islam | -6.9 | -45, 31 | 0.7 |
| Type of Family |  |  |  |
| Monogamy | — | — |  |
| Polygamy | -0.27 | -6.2, 5.7 | >0.9 |
| Occupation |  |  |  |
| Civil Servant | — | — |  |
| Self-employed | -3.4 | -7.4, 0.65 | 0.10 |
| unemployed | -4.8 | -12, 2.8 | 0.2 |
| Estimated Household Monthly Income (N) |  |  |  |
| <30,000 | — | — |  |
| >90,000 | -4.5 | -10, 1.1 | 0.12 |
| 30,000-90,000 | 0.89 | -3.5, 5.3 | 0.7 |
| 1CI = Confidence Interval | | | |

| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| **Age at last birthday (in years)** |  |  |  |
| *21-25 years* | — | — |  |
| *26-30 years* | -0.33 | -1.2, 0.59 | 0.5 |
| *31-35 years* | -0.30 | -1.2, 0.64 | 0.5 |
| *36 and Above* | 0.05 | -0.94, 1.0 | >0.9 |
| **Highest educational level of respondent** |  |  |  |
| *Primary* | — | — |  |
| *Secondary* | 1.7 | -0.46, 4.9 | 0.2 |
| *Tertiary* | 0.95 | -1.4, 4.3 | 0.5 |
| *Vocational* | 1.7 | -1.3, 5.2 | 0.3 |
| **Marital status** |  |  |  |
| *Married* | — | — |  |
| *Single* | -0.10 | -1.7, 1.3 | 0.9 |
| *Widowed* | -12 |  | >0.9 |
| **Highest educational level of respondent's husband/partner** |  |  |  |
| *None* | — | — |  |
| *Primary* | -15 |  | >0.9 |
| *Secondary* | -17 |  | >0.9 |
| *Tertiary* | -17 |  | >0.9 |
| *Vocational* | -17 |  | >0.9 |
| **Geopolitical zone** |  |  |  |
| *North Central* | — | — |  |
| *North East* | -1.0 | -2.9, 0.73 | 0.3 |
| *North West* | -0.19 | -1.5, 1.2 | 0.8 |
| *South East* | -1.4 | -2.8, 0.00 | **0.048** |
| *South South* | -0.63 | -2.0, 0.74 | 0.4 |
| *South West* | -0.74 | -1.9, 0.52 | 0.2 |
| **Religion** |  |  |  |
| *African Traditional Religion* | — | — |  |
| *Christianity* | 14 | -281, NA | >0.9 |
| *Islam* | 14 | -281, NA | >0.9 |
| **Type of family** |  |  |  |
| *Monogamy* | — | — |  |
| *Polygamy* | -0.71 | -2.0, 0.38 | 0.2 |
| **Occupation** |  |  |  |
| *Civil Servant* | — | — |  |
| *Self-employed* | -0.04 | -0.70, 0.63 | >0.9 |
| *unemployed* | -0.64 | -2.2, 0.66 | 0.4 |
| **Estimated household monthly income** |  |  |  |
| *<30,000* | — | — |  |
| *>90,000* | -0.47 | -1.4, 0.37 | 0.3 |
| *30,000-90,000* | -1.3 | -2.1, -0.51 | **0.001** |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |

| **Characteristic** | **log(OR)**1 | **95% CI**1 | **p-value** |
| --- | --- | --- | --- |
| **Age at last birthday (in years)** |  |  |  |
| *21-25 years* | — | — |  |
| *26-30 years* | -0.17 | -1.7, 1.4 | 0.8 |
| *31-35 years* | -0.47 | -2.0, 1.2 | 0.6 |
| *36 and Above* | 0.32 | -1.2, 2.0 | 0.7 |
| **Highest educational level of respondent** |  |  |  |
| *Primary* | — | — |  |
| *Secondary* | 18 | -207, NA | >0.9 |
| *Tertiary* | 17 | -202, NA | >0.9 |
| *Vocational* | 19 | -69, 771 | >0.9 |
| **Marital status** |  |  |  |
| *Married* | — | — |  |
| *Single* | -0.01 | -2.3, 2.1 | >0.9 |
| **Highest educational level of respondent's husband/partner** |  |  |  |
| *Primary* | — | — |  |
| *Secondary* | 16 | -514, NA | >0.9 |
| *Tertiary* | 16 | -510, NA | >0.9 |
| *Vocational* | 17 | -404, NA | >0.9 |
| **Geopolitical zone** |  |  |  |
| *North Central* | — | — |  |
| *North East* | 0.82 | -1.8, 3.5 | 0.5 |
| *North West* | 1.5 | -0.20, 3.4 | 0.095 |
| *South East* | -0.79 | -2.7, 1.1 | 0.4 |
| *South South* | 0.04 | -1.7, 1.9 | >0.9 |
| *South West* | -0.05 | -1.6, 1.7 | >0.9 |
| **Religion** |  |  |  |
| *Christianity* | — | — |  |
| *Islam* | 0.90 | -0.24, 2.0 | 0.12 |
| **Type of family** |  |  |  |
| *Monogamy* | — | — |  |
| *Polygamy* | -0.43 | -2.0, 0.99 | 0.6 |
| **Occupation** |  |  |  |
| *Civil Servant* | — | — |  |
| *Self-employed* | -0.35 | -1.3, 0.60 | 0.5 |
| *unemployed* | -18 |  | >0.9 |
| **Estimated household monthly income** |  |  |  |
| *<30,000* | — | — |  |
| *>90,000* | -1.1 | -2.4, 0.02 | 0.064 |
| *30,000-90,000* | -1.2 | -2.3, -0.05 | **0.045** |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |

