Tooth loss

2024-06-06

## Tables

\*\*Table 1. Sociodemographic Distribution of Respondents\*\*

| **Characteristic** | **N = 200**1 |
| --- | --- |
| Age |  |
| 18-39 | 66.0 (33.0%) |
| 40-59 | 96.0 (48.0%) |
| Above 60 | 38.0 (19.0%) |
| Gender |  |
| Female | 129.0 (64.5%) |
| Male | 71.0 (35.5%) |
| Marital Status |  |
| Divorced | 2.0 (1.0%) |
| Married | 155.0 (77.5%) |
| Single | 33.0 (16.5%) |
| Window | 10.0 (5.0%) |
| Occupation |  |
| Artisan | 28.0 (14.0%) |
| Brick layer | 4.0 (2.0%) |
| Civil Servant | 7.0 (3.5%) |
| Company staff | 1.0 (0.5%) |
| Driver | 3.0 (1.5%) |
| Engineer | 1.0 (0.5%) |
| Entrepreneur | 125.0 (62.5%) |
| Nursing | 2.0 (1.0%) |
| Pharmacist | 1.0 (0.5%) |
| Retired | 9.0 (4.5%) |
| Security | 4.0 (2.0%) |
| Student | 9.0 (4.5%) |
| Teacher | 6.0 (3.0%) |
| State of Origin |  |
| Abia | 1.0 (0.5%) |
| Akwa-ibom | 2.0 (1.0%) |
| Anambra | 2.0 (1.0%) |
| Cross-River | 1.0 (0.5%) |
| Delta | 1.0 (0.5%) |
| Edo | 4.0 (2.0%) |
| Ekiti | 6.0 (3.0%) |
| Enugu | 1.0 (0.5%) |
| Imo | 1.0 (0.5%) |
| Kano | 1.0 (0.5%) |
| Kogi | 1.0 (0.5%) |
| Kwara | 5.0 (2.5%) |
| Lagos | 9.0 (4.5%) |
| Ogun | 96.0 (48.0%) |
| Ondo | 11.0 (5.5%) |
| Osun | 18.0 (9.0%) |
| Oyo | 40.0 (20.0%) |
| Nigerian | 197.0 (98.5%) |
| Educational Level |  |
| No formal education | 9.0 (4.5%) |
| Primary | 37.0 (18.5%) |
| Secondary | 107.0 (53.5%) |
| Tertiary | 47.0 (23.5%) |
| Family Income |  |
| <75,000 | 156.0 (78.0%) |
| >200,000 | 3.0 (1.5%) |
| 75,000 - 150,000 | 41.0 (20.5%) |
| 1n (%) | |

\*\*Table 2: Tooth Mortality Distribution of Respondents\*\*

| **Characteristic** | **N = 200**1 |
| --- | --- |
| Missing Incisors (Caries) | 5.0 (2.5%) |
| Missing Canines (Caries) | 3.0 (1.5%) |
| Missing Premolars (Caries) | 23.0 (11.5%) |
| Missing Molars (Caries) | 57.0 (28.5%) |
| Caries Incisors |  |
| No | 200.0 (100.0%) |
| Caries Canines | 2.0 (1.0%) |
| Caries Premolars | 3.0 (1.5%) |
| Caries Molars | 6.0 (3.0%) |
| Missing Incisors (Perio) | 13.0 (6.5%) |
| Missing Canines (Perio) | 5.0 (2.5%) |
| Missing Premolars (Perio) | 20.0 (10.0%) |
| Missing Molars (Perio) | 55.0 (27.5%) |
| Missing Incisors (Fracture) | 10.0 (5.0%) |
| Missing Canines (Fracture) | 4.0 (2.0%) |
| Missing Premolars (Fracture) | 5.0 (2.5%) |
| Missing Molars (Fracture) | 7.0 (3.5%) |
| Congenital Missing Incisors |  |
| No | 200.0 (100.0%) |
| Congenital Missing Canines | 1.0 (0.5%) |
| Congenital Missing Premolars |  |
| No | 200.0 (100.0%) |
| Congenital Missing Molars |  |
| No | 200.0 (100.0%) |
| Mobile Incisors | 2.0 (1.0%) |
| Mobile Canines | 1.0 (0.5%) |
| Mobile Premolars |  |
| No | 200.0 (100.0%) |
| Mobile Molars | 8.0 (4.0%) |
| 1n (%) | |

| **Characteristic** | **N = 200**1 |
| --- | --- |
| Ever Lost a Tooth | 156.0 (78.0%) |
| Number of Teeth Lost |  |
| 1-2 | 111.0 (71.2%) |
| 3-4 | 32.0 (20.5%) |
| Above 5 | 13.0 (8.3%) |
| No Tooth Loss | 44 |
| Reason for Tooth Loss: Pain from Tooth Decay | 74.0 (47.4%) |
| No Tooth Loss | 44 |
| Reason for Tooth Loss: Trauma | 40.0 (25.6%) |
| No Tooth Loss | 44 |
| Reason for Tooth Loss: Gum Problems | 61.0 (39.1%) |
| No Tooth Loss | 44 |
| Reason for Tooth Loss: Ortho | 1.0 (0.6%) |
| No Tooth Loss | 44 |
| Dental Treatment to Replace Missing Tooth | 13.0 (8.3%) |
| No Tooth Loss | 44 |
| Duration of Tooth Loss |  |
| Between 5 - 10 years | 43.0 (27.6%) |
| Less than 5 years | 84.0 (53.8%) |
| Over 10 years | 29.0 (18.6%) |
| No Tooth Loss | 44 |
| 1n (%) | |

| **Characteristic** | **N = 200**1 |
| --- | --- |
| Factors Contributing to Tooth Loss: Poor Oral Hygiene | 83.0 (53.2%) |
| Unknown | 44 |
| Factors Contributing to Tooth Loss: Trauma | 38.0 (24.4%) |
| Unknown | 44 |
| Factors Contributing to Tooth Loss: Genetic Predisposition | 12.0 (7.7%) |
| Unknown | 44 |
| Frequency of Dental Visits |  |
| Last 10 years | 9.0 (4.5%) |
| Last 5 years | 25.0 (12.5%) |
| Never before | 138.0 (69.0%) |
| Twice a year | 28.0 (14.0%) |
| Received Oral Health Education |  |
| I don't know | 47.0 (23.5%) |
| No | 46.0 (23.0%) |
| Yes | 107.0 (53.5%) |
| Cultural Factors Influencing Oral Health |  |
| I don't know | 56.0 (28.0%) |
| No | 132.0 (66.0%) |
| Yes | 12.0 (6.0%) |
| Cultural Factors Against Tooth Loss |  |
| I don't know | 54.0 (27.0%) |
| No | 133.0 (66.5%) |
| Yes | 13.0 (6.5%) |
| Accessibility of Dental Care |  |
| I don't know | 51.0 (25.6%) |
| No | 31.0 (15.6%) |
| Yes | 117.0 (58.8%) |
| Unknown | 1 |
| Awareness of Oral Hygiene |  |
| I don't know | 39.0 (19.5%) |
| No | 19.0 (9.5%) |
| Yes | 142.0 (71.0%) |
| Knowledge of Gum Disease |  |
| I don't know | 14.0 (7.0%) |
| No | 22.0 (11.0%) |
| Yes | 164.0 (82.0%) |
| Belief in Gum Disease Contribution to Tooth Loss |  |
| I don't know | 20.0 (10.0%) |
| No | 22.0 (11.0%) |
| Yes | 158.0 (79.0%) |
| Influence of Dietary Habits on Tooth Loss |  |
| Fairly often | 38.0 (19.0%) |
| Hardly ever | 19.0 (9.5%) |
| Never | 17.0 (8.5%) |
| Occasionally | 116.0 (58.0%) |
| Very often | 10.0 (5.0%) |
| Experience of Pain from Teeth |  |
| Fairly often | 40.0 (20.0%) |
| Hardly ever | 20.0 (10.0%) |
| Never | 14.0 (7.0%) |
| Occasionally | 111.0 (55.5%) |
| Very often | 15.0 (7.5%) |
| Influence of Parafunctional Habits on Tooth Loss |  |
| I don't know | 62.0 (31.2%) |
| No | 102.0 (51.3%) |
| Yes | 35.0 (17.6%) |
| Unknown | 1 |
| 1n (%) | |

| **Characteristic** | **N = 200**1 |
| --- | --- |
| Trouble pronouncing words |  |
| Fairly often | 3 (1.9%) |
| Hardly ever | 90 (58%) |
| Never | 37 (24%) |
| Occasionally | 23 (15%) |
| Very often | 3 (1.9%) |
| Sense of taste worsened |  |
| Fairly often | 2 (1.3%) |
| Hardly ever | 108 (69%) |
| Never | 38 (24%) |
| Occasionally | 7 (4.5%) |
| Very often | 1 (0.6%) |
| Uncomfortable eating food |  |
| Fairly often | 8 (5.1%) |
| Hardly ever | 69 (44%) |
| Never | 30 (19%) |
| Occasionally | 44 (28%) |
| Very often | 5 (3.2%) |
| Self-conscious |  |
| Fairly often | 3 (1.9%) |
| Hardly ever | 88 (56%) |
| Never | 34 (22%) |
| Occasionally | 28 (18%) |
| Very often | 3 (1.9%) |
| Tense or ashamed |  |
| Fairly often | 1 (0.6%) |
| Hardly ever | 96 (62%) |
| Never | 39 (25%) |
| Occasionally | 20 (13%) |
| Diet unsatisfactory |  |
| Fairly often | 3 (1.9%) |
| Hardly ever | 78 (50%) |
| Never | 38 (24%) |
| Occasionally | 37 (24%) |
| Stopped some food or diet |  |
| Fairly often | 7 (4.5%) |
| Hardly ever | 67 (43%) |
| Never | 35 (22%) |
| Occasionally | 45 (29%) |
| Very often | 2 (1.3%) |
| Concern about missing tooth |  |
| Fairly often | 2 (1.3%) |
| Hardly ever | 99 (63%) |
| Never | 28 (18%) |
| Occasionally | 25 (16%) |
| Very often | 2 (1.3%) |
| Embarrassed by tooth problems |  |
| Fairly often | 4 (2.0%) |
| Hardly ever | 111 (57%) |
| Never | 63 (32%) |
| Occasionally | 18 (9.2%) |
| Irritable with others |  |
| Fairly often | 3 (1.5%) |
| Hardly ever | 115 (59%) |
| Never | 65 (33%) |
| Occasionally | 12 (6.2%) |
| Difficulty with usual jobs |  |
| Hardly ever | 101 (65%) |
| Never | 40 (26%) |
| Occasionally | 15 (9.6%) |
| Life less satisfying |  |
| Fairly often | 2 (1.3%) |
| Hardly ever | 96 (62%) |
| Never | 37 (24%) |
| Occasionally | 21 (13%) |
| Unable to function optimally |  |
| Fairly often | 3 (1.9%) |
| Hardly ever | 61 (39%) |
| Never | 41 (26%) |
| Occasionally | 51 (33%) |
| Aware of preventive measures |  |
| No | 65 (33%) |
| Yes | 134 (67%) |
| 1n (%) | |

| **Support for Items** | **Occasionally**, N = 346*1* | **Never**, N = 525*1* | **Fairly often**, N = 41*1* | **Hardly ever**, N = 1,179*1* | **Very often**, N = 16*1* |
| --- | --- | --- | --- | --- | --- |
| Item |  |  |  |  |  |
| Diet Unsatisfactory | 37 (24%) | 38 (24%) | 3 (1.9%) | 78 (50%) | 0 (0%) |
| Difficulty Doing Usual Jobs | 15 (9.6%) | 40 (26%) | 0 (0%) | 101 (65%) | 0 (0%) |
| Embarrassed Because of Teeth Problems | 18 (9.2%) | 63 (32%) | 4 (2.0%) | 111 (57%) | 0 (0%) |
| Felt Tense or Ashamed | 20 (13%) | 39 (25%) | 1 (0.6%) | 96 (62%) | 0 (0%) |
| Irritable with Others | 12 (6.2%) | 65 (33%) | 3 (1.5%) | 115 (59%) | 0 (0%) |
| Life Less Satisfying | 21 (13%) | 37 (24%) | 2 (1.3%) | 96 (62%) | 0 (0%) |
| Missing Teeth Given Concern | 25 (16%) | 28 (18%) | 2 (1.3%) | 99 (63%) | 2 (1.3%) |
| Self-Conscious | 28 (18%) | 34 (22%) | 3 (1.9%) | 88 (56%) | 3 (1.9%) |
| Sense of Taste Worsened | 7 (4.5%) | 38 (24%) | 2 (1.3%) | 108 (69%) | 1 (0.6%) |
| Stopped Some Foods or Diet | 45 (29%) | 35 (22%) | 7 (4.5%) | 67 (43%) | 2 (1.3%) |
| Trouble Pronouncing Words | 23 (15%) | 37 (24%) | 3 (1.9%) | 90 (58%) | 3 (1.9%) |
| Unable to Function Optimally | 51 (33%) | 41 (26%) | 3 (1.9%) | 61 (39%) | 0 (0%) |
| Uncomfortable Eating Food | 44 (28%) | 30 (19%) | 8 (5.1%) | 69 (44%) | 5 (3.2%) |
| *1*n (%) | | | | | |

## Association Statistics

\*\*Table 2: Tooth Mortality Distribution across gender\*\*

| **Characteristic** | **Overall**, N = 2001 | **Female**, N = 1291 | **Male**, N = 711 | **p-value**2 |
| --- | --- | --- | --- | --- |
| Missing Incisors (Caries) | 5.0 (2.5%) | 2.0 (1.6%) | 3.0 (4.2%) | 0.3 |
| Missing Canines (Caries) | 3.0 (1.5%) | 1.0 (0.8%) | 2.0 (2.8%) | 0.3 |
| Missing Premolars (Caries) | 23.0 (11.5%) | 11.0 (8.5%) | 12.0 (16.9%) | 0.076 |
| Missing Molars (Caries) | 57.0 (28.5%) | 44.0 (34.1%) | 13.0 (18.3%) | 0.018 |
| Missing Incisors (Perio) | 13.0 (6.5%) | 6.0 (4.7%) | 7.0 (9.9%) | 0.2 |
| Missing Canines (Perio) | 5.0 (2.5%) | 2.0 (1.6%) | 3.0 (4.2%) | 0.3 |
| Missing Premolars (Perio) | 20.0 (10.0%) | 12.0 (9.3%) | 8.0 (11.3%) | 0.7 |
| Missing Molars (Perio) | 55.0 (27.5%) | 32.0 (24.8%) | 23.0 (32.4%) | 0.3 |
| Missing Incisors (Fracture) | 10.0 (5.0%) | 3.0 (2.3%) | 7.0 (9.9%) | 0.036 |
| Missing Canines (Fracture) | 4.0 (2.0%) | 0.0 (0.0%) | 4.0 (5.6%) | 0.015 |
| Missing Premolars (Fracture) | 5.0 (2.5%) | 4.0 (3.1%) | 1.0 (1.4%) | 0.7 |
| Missing Molars (Fracture) | 7.0 (3.5%) | 6.0 (4.7%) | 1.0 (1.4%) | 0.4 |
| Congenital Missing Incisors |  |  |  |  |
| No | 200.0 (100.0%) | 129.0 (100.0%) | 71.0 (100.0%) |  |
| Congenital Missing Canines | 1.0 (0.5%) | 1.0 (0.8%) | 0.0 (0.0%) | >0.9 |
| Congenital Missing Premolars |  |  |  |  |
| No | 200.0 (100.0%) | 129.0 (100.0%) | 71.0 (100.0%) |  |
| Congenital Missing Molars |  |  |  |  |
| No | 200.0 (100.0%) | 129.0 (100.0%) | 71.0 (100.0%) |  |
| 1n (%) | | | | |
| 2Fisher's exact test; Pearson's Chi-squared test | | | | |

\*\*Table 3: Caries and Mobile Teeth Distribution across gender\*\*

| **Characteristic** | **Overall**, N = 2001 | **Female**, N = 1291 | **Male**, N = 711 | **p-value**2 |
| --- | --- | --- | --- | --- |
| Caries Incisors |  |  |  |  |
| No | 200.0 (100.0%) | 129.0 (100.0%) | 71.0 (100.0%) |  |
| Caries Canines | 2.0 (1.0%) | 2.0 (1.6%) | 0.0 (0.0%) | 0.5 |
| Caries Premolars | 3.0 (1.5%) | 2.0 (1.6%) | 1.0 (1.4%) | >0.9 |
| Caries Molars | 6.0 (3.0%) | 4.0 (3.1%) | 2.0 (2.8%) | >0.9 |
| Mobile Incisors | 2.0 (1.0%) | 2.0 (1.6%) | 0.0 (0.0%) | 0.5 |
| Mobile Canines | 1.0 (0.5%) | 0.0 (0.0%) | 1.0 (1.4%) | 0.4 |
| Mobile Premolars |  |  |  |  |
| No | 200.0 (100.0%) | 129.0 (100.0%) | 71.0 (100.0%) |  |
| Mobile Molars | 8.0 (4.0%) | 3.0 (2.3%) | 5.0 (7.0%) | 0.14 |
| 1n (%) | | | | |
| 2Fisher's exact test | | | | |

\*\*Table 2: Tooth Mortality Distribution across Age Groups\*\*

| **Characteristic** | **Overall**, N = 2001 | **18-39**, N = 661 | **40-59**, N = 961 | **Above 60**, N = 381 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| Missing Incisors (Caries) | 5.0 (2.5%) | 2.0 (3.0%) | 1.0 (1.0%) | 2.0 (5.3%) | 0.3 |
| Missing Canines (Caries) | 3.0 (1.5%) | 2.0 (3.0%) | 0.0 (0.0%) | 1.0 (2.6%) | 0.2 |
| Missing Premolars (Caries) | 23.0 (11.5%) | 11.0 (16.7%) | 9.0 (9.4%) | 3.0 (7.9%) | 0.3 |
| Missing Molars (Caries) | 57.0 (28.5%) | 33.0 (50.0%) | 20.0 (20.8%) | 4.0 (10.5%) | <0.001 |
| Missing Incisors (Perio) | 13.0 (6.5%) | 2.0 (3.0%) | 4.0 (4.2%) | 7.0 (18.4%) | 0.009 |
| Missing Canines (Perio) | 5.0 (2.5%) | 1.0 (1.5%) | 2.0 (2.1%) | 2.0 (5.3%) | 0.5 |
| Missing Premolars (Perio) | 20.0 (10.0%) | 0.0 (0.0%) | 11.0 (11.5%) | 9.0 (23.7%) | <0.001 |
| Missing Molars (Perio) | 55.0 (27.5%) | 6.0 (9.1%) | 28.0 (29.2%) | 21.0 (55.3%) | <0.001 |
| Missing Incisors (Fracture) | 10.0 (5.0%) | 3.0 (4.5%) | 3.0 (3.1%) | 4.0 (10.5%) | 0.2 |
| Missing Canines (Fracture) | 4.0 (2.0%) | 1.0 (1.5%) | 1.0 (1.0%) | 2.0 (5.3%) | 0.3 |
| Missing Premolars (Fracture) | 5.0 (2.5%) | 0.0 (0.0%) | 4.0 (4.2%) | 1.0 (2.6%) | 0.2 |
| Missing Molars (Fracture) | 7.0 (3.5%) | 1.0 (1.5%) | 6.0 (6.3%) | 0.0 (0.0%) | 0.2 |
| Congenital Missing Incisors |  |  |  |  |  |
| No | 200.0 (100.0%) | 66.0 (100.0%) | 96.0 (100.0%) | 38.0 (100.0%) |  |
| Congenital Missing Canines | 1.0 (0.5%) | 0.0 (0.0%) | 1.0 (1.0%) | 0.0 (0.0%) | >0.9 |
| Congenital Missing Premolars |  |  |  |  |  |
| No | 200.0 (100.0%) | 66.0 (100.0%) | 96.0 (100.0%) | 38.0 (100.0%) |  |
| Congenital Missing Molars |  |  |  |  |  |
| No | 200.0 (100.0%) | 66.0 (100.0%) | 96.0 (100.0%) | 38.0 (100.0%) |  |
| 1n (%) | | | | | |
| 2Fisher's exact test; Pearson's Chi-squared test | | | | | |

\*\*Table 3: Caries and Mobile Teeth Distribution Age Groups\*\*

| **Characteristic** | **Overall**, N = 2001 | **18-39**, N = 661 | **40-59**, N = 961 | **Above 60**, N = 381 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| Caries Incisors |  |  |  |  |  |
| No | 200.0 (100.0%) | 66.0 (100.0%) | 96.0 (100.0%) | 38.0 (100.0%) |  |
| Caries Canines | 2.0 (1.0%) | 1.0 (1.5%) | 1.0 (1.0%) | 0.0 (0.0%) | >0.9 |
| Caries Premolars | 3.0 (1.5%) | 3.0 (4.5%) | 0.0 (0.0%) | 0.0 (0.0%) | 0.041 |
| Caries Molars | 6.0 (3.0%) | 6.0 (9.1%) | 0.0 (0.0%) | 0.0 (0.0%) | 0.002 |
| Mobile Incisors | 2.0 (1.0%) | 0.0 (0.0%) | 0.0 (0.0%) | 2.0 (5.3%) | 0.035 |
| Mobile Canines | 1.0 (0.5%) | 0.0 (0.0%) | 0.0 (0.0%) | 1.0 (2.6%) | 0.2 |
| Mobile Premolars |  |  |  |  |  |
| No | 200.0 (100.0%) | 66.0 (100.0%) | 96.0 (100.0%) | 38.0 (100.0%) |  |
| Mobile Molars | 8.0 (4.0%) | 0.0 (0.0%) | 4.0 (4.2%) | 4.0 (10.5%) | 0.019 |
| 1n (%) | | | | | |
| 2Fisher's exact test | | | | | |

## Plots

You can also embed plots, for example: