

Table 1. Satisfaction with Dental Appearance for the Sample Overall, by Sociodemographic Characteristics and Approach to Dental Care

| Characteristic (weighted n) | % Subjects who were very satisfied with dental appearance | % Subjects who were satisfied with dental appearance | % Subjects who were dissatisfied with dental appearance | % Subjects who were very dissatisfied with dental appearance | p-value |
|-------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------|---------|
| Age | | | | | |
| 45 to 64 years old (513) | 24 | 48 | 21 | 7 | |
| 65 years old or older (361) | 24 | 57 | 15 | 4 | 0.0088 |
| Missing (0) | | | | | |
| Gender | | | | | |
| Male (383) | 28 | 52 | 15 | 5 | |
| Female (491) | 21 | 52 | 21 | 6 | 0.0290 |
| Missing (0) | | | | | |
| Area of residence | | | | | |
| Rural (436) | 23 | 54 | 19 | 4 | |
| Urban (437) | 25 | 50 | 18 | 7 | 0.2345 |
| Missing (0) | | | | | |
| Race | | | | | |
| White (628) | 25 | 56 | 15 | 4 | |
| Black (243) | 22 | 43 | 27 | 8 | <.0001 |
| Missing (3) | | | | | |
| Level of formal education | | | | | |
| Did not graduate high school (184) | 16 | 47 | 26 | 11 | |
| Graduated high school (689) | 26 | 54 | 16 | 4 | <.0001 |
| Missing (1) | | | | | |
| Ability to pay an unexpected \$500 dental bill | | | | | |
| Able to pay comfortably (406) | 32 | 58 | 8 | 2 | |
| Able to pay but with difficulty (342) | 19 | 49 | 26 | 6 | |
| Not able to pay (122) | 12 | 39 | 29 | 20 | <.0001 |
| Missing (3) | | | | | |
| Dental insurance status | | | | | |
| Has certain type of dental insurance (294) | 27 | 53 | 15 | 5 | |
| No dental insurance (579) | 23 | 51 | 20 | 6 | 0.2602 |
| Missing (1) | | | | | |
| Approach to dental care | | | | | |
| Regular attender (474) | 34 | 55 | 10 | 1 | |
| Problem-oriented attender (400) | 12 | 49 | 28 | 11 | <.0001 |
| Missing (0) | | | | | |

Table 2. Satisfaction with Dental Appearance for the Sample Overall, by Clinical Measures of Oral Disease/Tissue Damage

| Clinical measure of oral disease/tissue damage (weighted n) | % Subjects who were very satisfied with dental appearance | % Subjects who were satisfied with dental appearance | % Subjects who were dissatisfied with dental appearance | % Subjects who were very dissatisfied with dental appearance | p-value |
|-------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|---------|
| Number of remaining anterior teeth * | | | | | |
| 0-11 (272) | 16 | 48 | 23 | 13 | <.0001 |
| 12 (598) | 28 | 54 | 16 | 2 | |
| Missing (4) | | | | | |
| Number of remaining posterior teeth * | | | | | |
| 0-8 (221) | 26 | 54 | 16 | 4 | <.0001 |
| 9-20 (648) | 18 | 47 | 23 | 12 | |
| Missing (4) | | | | | |
| Has active dental caries on crown or root | | | | | |
| Yes (433) | 15 | 49 | 27 | 9 | <.0001 |
| No (432) | 33 | 56 | 9 | 2 | |
| Missing (8) | | | | | |
| Has at least one filled surface | | | | | |
| Yes (718) | 27 | 54 | 15 | 4 | <.0001 |
| No (148) | 11 | 43 | 34 | 12 | |
| Missing (8) | | | | | |
| Has at least one root fragment | | | | | |
| Yes (90) | 8 | 35 | 39 | 18 | <.0001 |
| No (780) | 26 | 54 | 16 | 4 | |
| Missing (4) | | | | | |
| Has at least one bulk restoration fracture | | | | | |
| Yes (134) | 17 | 60 | 17 | 6 | 0.1867 |
| No (732) | 25 | 51 | 18 | 6 | |
| Missing (8) | | | | | |
| Has at least one fractured tooth | | | | | |
| Yes (119) | 19 | 46 | 30 | 5 | 0.0042 |
| No (747) | 25 | 53 | 16 | 6 | |
| Missing (8) | | | | | |
| Has at least one sever root defect | | | | | |
| Yes (89) | 28 | 53 | 14 | 5 | 0.5632 |
| No (777) | 24 | 52 | 19 | 6 | |
| Missing (8) | | | | | |
| Has at least one severely mobile tooth | | | | | |
| Yes (145) | 10 | 38 | 34 | 18 | <.0001 |
| | 27 | 55 | 15 | 3 | |

| | | | | | |
|-----------------------------------------------------|----------|----------|----------|--------|--------|
| No (720) | | | | | |
| Missing (8) | | | | | |
| Has at least one tooth with severe attachment loss† | | | | | |
| Yes (271) | 17 28 | 48 55 | 27 13 | 8 4 | <.0001 |
| No (500) | | | | | |
| Missing (102) | | | | | |

* Remaining teeth include teeth at present, clinically visible root fragments and missing teeth but with fixed replacements. † Severe attachment loss defined as 7mm or more attachment loss relative to the cementoenamel junction.

Table 3. Satisfaction with Dental Appearance for the Sample Overall, by Self-Reported Measures of Oral Disease/Tissue Damage

| Self-reported measure of oral disease/tissue damage (weighted n) | % Subjects who were very satisfied with dental appearance | % Subjects who were satisfied with dental appearance | % Subjects who were dissatisfied with dental appearance | % Subjects who were very dissatisfied with dental appearance | p-value |
|------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|---------|
| Has and wears maxillary full denture * | | | | | |
| Yes (80) | 30 0 | 51 26 | 12 52 | 7 22 | 0.0045 |
| No (9) | | | | | |
| Missing (NA) | | | | | |
| Has and wears maxillary partial denture † | | | | | |
| Yes (99) | 23 26 | 52 40 | 20 21 | 5 13 | 0.3040 |
| No (43) | | | | | |
| Missing (NA) | | | | | |
| Has and wears mandibular partial denture‡ | | | | | |
| Yes (119) | 28 22 | 55 55 | 15 13 | 2 10 | 0.1634 |
| No (68) | | | | | |
| Missing (NA) | | | | | |
| Has a broken denture ¶ | | | | | |
| Yes (30) | 8 29 | 58 53 | 30 12 | 4 6 | 0.0183 |
| No (180) | | | | | |
| Missing (NA) | | | | | |
| Has a broken filling | | | | | |
| Yes (130) | 9 27 | 48 53 | 30 16 | 13 4 | <.0001 |
| No (723) | | | | | |
| Missing (20) | | | | | |
| Has a broken tooth or cap | | | | | |
| Yes (178) | 8 28 | 41 55 | 36 14 | 15 3 | <.0001 |
| No (685) | | | | | |
| Missing (11) | | | | | |
| Has cavities | | | | | |

| | | | | | |
|-------------------------------------|----|----|----|----|--------|
| Yes (168) | 13 | 38 | 33 | 16 | |
| No (640) | 29 | 56 | 12 | 3 | <.0001 |
| Missing (65) | | | | | |
| Has an abscessed tooth | | | | | |
| Yes (22) | 2 | 48 | 15 | 35 | |
| No (836) | 25 | 52 | 18 | 5 | <.0001 |
| Missing (16) | | | | | |
| Has infected or sore gums | | | | | |
| Yes (102) | 11 | 43 | 31 | 15 | |
| No (766) | 26 | 53 | 16 | 5 | <.0001 |
| Missing (6) | | | | | |
| Has bleeding gums | | | | | |
| Yes (117) | 12 | 36 | 37 | 15 | |
| No (754) | 26 | 55 | 15 | 4 | <.0001 |
| Missing (2) | | | | | |
| Has a loose tooth | | | | | |
| Yes (115) | 9 | 40 | 37 | 14 | |
| No (747) | 27 | 54 | 15 | 4 | <.0001 |
| Missing (11) | | | | | |
| Has a loose cap or bridge | | | | | |
| Yes (10) | 21 | 28 | 18 | 33 | |
| No (862) | 24 | 52 | 18 | 6 | 0.0017 |
| Missing (1) | | | | | |
| Has teeth that are stained/look bad | | | | | |
| Yes (341) | 5 | 47 | 36 | 12 | |
| No (512) | 37 | 56 | 6 | 1 | <.0001 |
| Missing (21) | | | | | |
| Has a problem with bad breath | | | | | |
| Yes (154) | 14 | 45 | 29 | 12 | |
| No (674) | 27 | 54 | 15 | 4 | <.0001 |
| Missing (45) | | | | | |
| Has a dry mouth | | | | | |
| Yes (190) | 19 | 51 | 22 | 8 | |
| No (679) | 26 | 52 | 17 | 5 | 0.1008 |
| Missing (4) | | | | | |

*Only includes persons who were edentulous in maxilla (n = 89). †Only includes persons who reported ever having maxillary partial denture and who had 1-15 teeth in maxillary arch (n=143). ‡Only includes persons who reported ever having mandibular partial denture and who had 1-15 teeth in mandibular arch (n=186). ¶Only includes persons who currently wear removable denture (n=211).

Table 4. Satisfaction with Dental Appearance for the Sample Overall, by Selected Oral Disadvantage

| Measure of self-reported oral pain/discomfort, functional limitation, and oral disadvantage (weighted n) | % Subjects who were very satisfied with dental appearance | % Subjects who were satisfied with dental appearance | % Subjects who were dissatisfied with dental appearance | % Subjects who were very dissatisfied with dental appearance | p-value |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------|---------|
| Avoided laughing or smiling because of mouth | 7 | 37 | 36 | 20 | <.0001 |
| Yes (184) | 29 | 56 | 13 | 2 | |
| No (688) | | | | | |
| Missing (1) | | | | | |
| Avoided talking because of mouth | 9 | 36 | 34 | 21 | <.0001 |
| Yes (114) | 27 | 54 | 16 | 3 | |
| No (755) | | | | | |
| Missing (4) | | | | | |
| Been embarrassed by the appearance or bad health of mouth | 7 | 27 | 39 | 27 | <.0001 |
| Yes (140) | 27 | 57 | 14 | 2 | |
| No (731) | | | | | |
| Missing (2) | | | | | |