

# National Health and Nutrition Examination Survey 2005–2006

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## Documentation, Codebook, and Frequencies

### Oral Health

**Examination**

**Survey Years:  
2005 to 2006**

**SAS Transport File:  
OHX\_D.XPT**



June 2008

# NHANES 2005–2006 Data Documentation

## Exam Component: Oral Health (OHX\_D)

Years of Coverage: 2005-2006

First Published: June 2008

Last Revised: NA

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### Component Description

NHANES is critical for monitoring oral health status, risk indicators for disease, and access to preventive and treatment services. This component will address public health significance in areas of surveillance, prevention, treatment, dental care utilization, health policy, evaluation of Federal health programs, standardization of new methods, and oral health disparities. The purpose of this component is to assess the prevalence of oral conditions and diseases, such as edentulism, denture use, dental sealants, and dental caries. A concurrent set of questions administered during the household interview assesses issues related to oral health quality of life.

Surveillance data will be collected on dental caries and sequelae for NHANES 2005-2006 using a person-based screening method. This method, known as Basic Screening Examination (BSE), differs from previous NHANES oral health protocols because it does not assess each tooth surface and the assessments are not made by a dentist. NHANES will use a simplified screening process to collect information on untreated caries, dental restorations, and dental sealants. The protocol will be applied to all examined persons 5 years or older and be conducted by a health technologist (HT) rather than a dentist. In addition to performing the BSE the HT will inquire about the use of dentures, perform a tooth count, and ascertain the number of occlusal contacts using existing NHANES protocols.

The NHANES 2005-06 Oral Health Component is a collaborative effort between the National Center for Chronic Disease Prevention and Health Promotion, Division of Oral Health (NCCDPHP/DOH), and the National Center for Health Statistics (NCHS).

### Eligible Sample

Participants aged 5 years and older will be eligible for the Tooth count and BSE. Additionally, persons aged 25 years and older will be eligible for a brief denture questionnaire and functional contacts assessment.

### Protocol and Procedure

The oral health subcomponents for the examination component for participants are as follows:

1. A Denture Questionnaire used to assess denture wear for participants age 25 years and older.
2. A Tooth Count used to assess the number of teeth for participants age 5 years and older.

3. A Basic Screening Exam used to assess the presence of at least one tooth with dental decay; at least one tooth with a dental restoration; and at least one tooth with at least one dental sealant for participants age 5 years and older.

4. A Functional Contacts Assessment for participants age 25 years and older

5. Recommendation of Care findings for participants age 5 years and older.

### **Quality Assurance & Quality Control**

The quality of data in this survey is controlled by (1) an intense training period for the health technologists who were assigned to conduct the oral health examinations with calibration of OH examiners prior to the beginning of the survey, (2) periodic monitoring and recalibration of OH examiners, and (3) periodic retraining of OH examination teams. The reference examiner will visit each team three times per year to observe field operations and to replicate 20 to 25 OH examinations during each visit. The purpose of these “expert replications” is to determine if the field examiners are maintaining the examination standards achieved during training and to measure the degree of deviation, if any, from those standards. If the inter-rater correlation is not within acceptable limits, retraining is conducted on site and future monitoring of the field examiner intensified. An annual retraining session for each dental examiner also is conducted by the reference examiner to reinforce existing protocols and to accommodate protocol updates as needed. All OH training, calibration, and field replicate exams were conducted by the NHANES survey expert dentist.

Automated data collection procedures for the survey were introduced in NHANES 1999. In the mobile examination centers (MECs), data for the oral health component are recorded directly onto a computerized data collection form. The system is integrated centrally and it allows for ongoing monitoring of much of the data. As part of an on-going quality control practice, all data are reviewed systematically for logical inconsistencies and examiner error. Internal quality control data review indicates that data quality is acceptable.

### **Data Processing and Editing**

A limited number of hard edits were employed in the 2005-06 OH Examination. For example, if an examiner identified all teeth as missing during Tooth Count, then information for the BSE and Functional Contacts were automatically filled in with “9’s” (can not assess).

**Analytic  
Notes**

For this release, it is recommended that the data should not be combined with oral health data data from previous data cycles for analysis.

The analysis of NHANES 2005-2006 oral health data must be conducted with the key survey design and basic demographic variables. The NHANES 2005-2006 Household Questionnaire Data Files contain demographic data, health indicators, and other related information collected during household interviews. They also contain all survey design variables and sample weights for these age groups. Other household questionnaire and oral questionnaire files may be linked to the oral health examination data file using the unique survey participant identifier SEQN.

Additionally, the NHANES 2005-2006 Household Questionnaire Data Files contains information for an oral health questionnaire inquiring about dental utilization and oral health related quality of life.

“Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.”

**References**

None

## Locator Record

**Title:** Oral Health (OHX\_D)

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2005–2006

**First Published:** June 2008

**Revised:** NA

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** The oral health subcomponents for the examination component for participants aged 5 years and older are as follows: 1) assess the number of teeth (tooth count); 2) assess the presence of at least one tooth with dental decay; 3) assess the presence of at least one tooth with a dental restoration; and 4) assess the presence of at least one tooth with at least one dental sealant. Assessments for participants aged 25 years and older also include functional occlusal contacts and questions regarding use of dentures.

**Record Source:** NHANES 2005–2006

**Survey Methodology:** NHANES 2005–2006 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

**Medium:** NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey  
Codebook for Data Production (2005-2006)**

**Oral Health (OHX\_D)  
Person Level Data**

June 2008



<b>SEQN</b>	<b>Target</b>
	B(5 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

<b>OHAEXSTS</b>	<b>Target</b>
	B(5 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Overall Oral Health Exam Status
<b>English Text:</b> Overall Oral Health Exam Status	
<b>English Instructions:</b>	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Complete	7686	7686	
2	Partial	1	7687	
3	Not Done	618	8305	
.	Missing	0	8305	

<b>OHX08HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #8			
<b>English Text:</b> Tooth Count: Upper right central incisor (CI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	322	322	
2	Permanent tooth present	6485	6807	
4	Tooth not present	865	7672	
5	Permanent dental root fragment present	10	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX07HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #7			
<b>English Text:</b> Tooth Count: Upper right lateral incisor (LI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	527	527	
2	Permanent tooth present	6262	6789	
4	Tooth not present	870	7659	
5	Permanent dental root fragment present	23	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	



<b>OHX06HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #6			
<b>English Text:</b> Tooth Count: Upper right cuspid (C)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	967	967	
2	Permanent tooth present	5894	6861	
4	Tooth not present	785	7646	
5	Permanent dental root fragment present	36	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX05HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #5			
<b>English Text:</b> Tooth Count: Upper right 1st bicuspid (1B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	956	956	
2	Permanent tooth present	5547	6503	
4	Tooth not present	1145	7648	
5	Permanent dental root fragment present	34	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX04HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #4			
<b>English Text:</b> Tooth Count: Upper right 2nd bicuspid (2B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	962	962	
2	Permanent tooth present	5584	6546	
4	Tooth not present	1090	7636	
5	Permanent dental root fragment present	46	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX03HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #3			
<b>English Text:</b> Tooth Count: Upper right 1st molar (1M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	6201	6201	
4	Tooth not present	1445	7646	
5	Permanent dental root fragment present	36	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX02HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #2			
<b>English Text:</b> Tooth Count: Upper right 2nd molar (2M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	4946	4946	
4	Tooth not present	2705	7651	
5	Permanent dental root fragment present	31	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX01HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #1			
<b>English Text:</b> Tooth Count: Upper right 3rd molar (3M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	1072	1072	
4	Tooth not present	6592	7664	
5	Permanent dental root fragment present	18	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX09HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #9			
<b>English Text:</b> Tooth Count: Upper left central incisor (CI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	322	322	
2	Permanent tooth present	6492	6814	
4	Tooth not present	850	7664	
5	Permanent dental root fragment present	18	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX10HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #10			
<b>English Text:</b> Tooth Count: Upper left lateral incisor (LI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	523	523	
2	Permanent tooth present	6250	6773	
4	Tooth not present	886	7659	
5	Permanent dental root fragment present	23	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX11HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #11			
<b>English Text:</b> Tooth Count: Upper left cuspid (C)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	962	962	
2	Permanent tooth present	5918	6880	
4	Tooth not present	767	7647	
5	Permanent dental root fragment present	35	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX12HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #12			
<b>English Text:</b> Tooth Count: Upper left 1st bicuspid (1B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	955	955	
2	Permanent tooth present	5533	6488	
4	Tooth not present	1161	7649	
5	Permanent dental root fragment present	33	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX13HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #13			
<b>English Text:</b> Tooth Count: Upper left 2nd bicuspid (2B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	978	978	
2	Permanent tooth present	5562	6540	
4	Tooth not present	1103	7643	
5	Permanent dental root fragment present	39	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX14HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #14			
<b>English Text:</b> Tooth Count: Upper left 1st molar (1M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	6149	6149	
4	Tooth not present	1503	7652	
5	Permanent dental root fragment present	30	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX15HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #15			
<b>English Text:</b> Tooth Count: Upper left 2nd molar (2M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	4938	4938	
4	Tooth not present	2718	7656	
5	Permanent dental root fragment present	26	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX16HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #16			
<b>English Text:</b> Tooth Count: Upper left 3rd molar (3M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	1109	1109	
4	Tooth not present	6551	7660	
5	Permanent dental root fragment present	22	7682	
9	Could not assess	5	7687	
.	Missing	618	8305	

<b>OHX24HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #24			
<b>English Text:</b> Tooth Count: Lower left central incisor (CI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	218	218	
2	Permanent tooth present	6893	7111	
4	Tooth not present	569	7680	
5	Permanent dental root fragment present	6	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX23HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #23			
<b>English Text:</b> Tooth Count: Lower left lateral incisor (LI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	391	391	
2	Permanent tooth present	6754	7145	
4	Tooth not present	530	7675	
5	Permanent dental root fragment present	11	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	



<b>OHX22HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #22			
<b>English Text:</b> Tooth Count: Lower left cuspid (C)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	855	855	
2	Permanent tooth present	6324	7179	
4	Tooth not present	494	7673	
5	Permanent dental root fragment present	13	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX21HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #21			
<b>English Text:</b> Tooth Count: Lower left 1st bicuspid (1B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	962	962	
2	Permanent tooth present	5899	6861	
4	Tooth not present	800	7661	
5	Permanent dental root fragment present	25	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX20HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #20			
<b>English Text:</b> Tooth Count: Lower left 2nd bicuspid (2B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	964	964	
2	Permanent tooth present	5729	6693	
4	Tooth not present	957	7650	
5	Permanent dental root fragment present	36	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX19HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #19			
<b>English Text:</b> Tooth Count: Lower left 1st molar (1M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	5940	5940	
4	Tooth not present	1711	7651	
5	Permanent dental root fragment present	35	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX18HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #18			
<b>English Text:</b> Tooth Count: Lower left 2nd molar (2M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	5005	5005	
4	Tooth not present	2659	7664	
5	Permanent dental root fragment present	22	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX17HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #17			
<b>English Text:</b> Tooth Count: Lower left 3rd molar (3M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	1328	1328	
4	Tooth not present	6344	7672	
5	Permanent dental root fragment present	14	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX25HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #25			
<b>English Text:</b> Tooth Count: Lower right central incisor (CI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	214	214	
2	Permanent tooth present	6888	7102	
4	Tooth not present	576	7678	
5	Permanent dental root fragment present	8	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX26HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #26			
<b>English Text:</b> Tooth Count: Lower right lateral incisor (LI)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	387	387	
2	Permanent tooth present	6745	7132	
4	Tooth not present	547	7679	
5	Permanent dental root fragment present	7	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX27HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #27			
<b>English Text:</b> Tooth Count: Lower right cuspid (C)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	830	830	
2	Permanent tooth present	6330	7160	
4	Tooth not present	519	7679	
5	Permanent dental root fragment present	7	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX28HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #28			
<b>English Text:</b> Tooth Count: Lower right 1st bicuspid (1B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	952	952	
2	Permanent tooth present	5897	6849	
4	Tooth not present	821	7670	
5	Permanent dental root fragment present	16	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX29HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #29			
<b>English Text:</b> Tooth Count: Lower right 2nd bicuspid (2B)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Primary tooth (deciduous) present	968	968	
2	Permanent tooth present	5723	6691	
4	Tooth not present	960	7651	
5	Permanent dental root fragment present	35	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX30HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #30			
<b>English Text:</b> Tooth Count: Lower right 1st molar (1M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	5997	5997	
4	Tooth not present	1651	7648	
5	Permanent dental root fragment present	38	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX31HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #31			
<b>English Text:</b> Tooth Count: Lower right 2nd molar (2M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	5041	5041	
4	Tooth not present	2624	7665	
5	Permanent dental root fragment present	21	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHX32HTC</b>	<b>Target</b>			
	B(5 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Tooth count: #32			
<b>English Text:</b> Tooth Count: Lower right 3rd molar (3M)				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
2	Permanent tooth present	1321	1321	
4	Tooth not present	6344	7665	
5	Permanent dental root fragment present	21	7686	
9	Could not assess	1	7687	
.	Missing	618	8305	

<b>OHXDECA Y</b>		<b>Target</b>		
		B(5 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Dental decay present		
<b>English Text:</b> Presence of at least one tooth with dental decay				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	1783	1783	
2	No	5890	7673	
9	Could not assess	13	7686	
.	Missing	619	8305	

<b>OHXREST</b>		<b>Target</b>		
		B(5 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Dental restoration present		
<b>English Text:</b> Presence of at least one tooth with a dental restoration				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	4762	4762	
2	No	2915	7677	
9	Could not assess	9	7686	
.	Missing	619	8305	



<b>OHXSEAL</b>		<b>Target</b>		
		B(5 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Dental sealant present		
<b>English Text:</b> Presence of at least one tooth with a dental preventive sealant .				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	987	987	
2	No	6686	7673	
9	Could not assess	13	7686	
.	Missing	619	8305	

<b>OHXFCRZ1</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 1		
<b>English Text:</b> Zone 1				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	513	513	
1	Functional contact present between two natural teeth	2759	3272	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	223	3495	
3	Functional contact present between two removable prosthesis	310	3805	
9	Cannot assess	75	3880	
.	Missing	4425	8305	

<b>OHXFCRZ2</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 2		
<b>English Text: Zone 2</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	718	718	
1	Functional contact present between two natural teeth	2559	3277	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	191	3468	
3	Functional contact present between two removable prosthesis	337	3805	
9	Cannot assess	75	3880	
.	Missing	4425	8305	

<b>OHXFCRZ3</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 3		
<b>English Text: Zone 3</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1089	1089	
1	Functional contact present between two natural teeth	2220	3309	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	144	3453	
3	Functional contact present between two removable prosthesis	350	3803	
9	Cannot assess	77	3880	
.	Missing	4425	8305	

<b>OHXFCRZ4</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 4		
<b>English Text:</b> Zone 4				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1071	1071	
1	Functional contact present between two natural teeth	2244	3315	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	133	3448	
3	Functional contact present between two removable prosthesis	354	3802	
9	Cannot assess	78	3880	
.	Missing	4425	8305	

<b>OHXFCRZ5</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 5		
<b>English Text: Zone 5</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1179	1179	
1	Functional contact present between two natural teeth	2192	3371	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	97	3468	
3	Functional contact present between two removable prosthesis	334	3802	
9	Cannot assess	78	3880	
.	Missing	4425	8305	

<b>OHXFCRZ6</b>	<b>Target</b>			
	B(25 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Right - Zone 6			
<b>English Text: Zone 6</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1333	1333	
1	Functional contact present between two natural teeth	2078	3411	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	85	3496	
3	Functional contact present between two removable prosthesis	307	3803	
9	Cannot assess	77	3880	
.	Missing	4425	8305	

<b>OHXFCRZ7</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 7		
<b>English Text: Zone 7</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	3259	3259	
1	Functional contact present between two natural teeth	481	3740	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	5	3745	
3	Functional contact present between two removable prosthesis	43	3788	
9	Cannot assess	92	3880	
.	Missing	4425	8305	

<b>OHXFCRZ8</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Right - Zone 8		
<b>English Text:</b> Zone 8				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	3371	3371	
1	Functional contact present between two natural teeth	354	3725	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	5	3730	
3	Functional contact present between two removable prosthesis	38	3768	
9	Cannot assess	112	3880	
.	Missing	4425	8305	



<b>OHXFCLZ1</b>	<b>Target</b>			
	B(25 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Left - Zone 1			
<b>English Text: Zone 1</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	521	521	
1	Functional contact present between two natural teeth	2758	3279	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	220	3499	
3	Functional contact present between two removable prosthesis	307	3806	
9	Cannot assess	74	3880	
.	Missing	4425	8305	

<b>OHXFCLZ2</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 2		
<b>English Text: Zone 2</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	696	696	
1	Functional contact present between two natural teeth	2589	3285	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	186	3471	
3	Functional contact present between two removable prosthesis	335	3806	
9	Cannot assess	74	3880	
.	Missing	4425	8305	

<b>OHXFCLZ3</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 3		
<b>English Text: Zone 3</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1104	1104	
1	Functional contact present between two natural teeth	2195	3299	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	149	3448	
3	Functional contact present between two removable prosthesis	355	3803	
9	Cannot assess	77	3880	
.	Missing	4425	8305	

<b>OHXFCLZ4</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 4		
<b>English Text:</b> Zone 4				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1112	1112	
1	Functional contact present between two natural teeth	2199	3311	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	135	3446	
3	Functional contact present between two removable prosthesis	356	3802	
9	Cannot assess	78	3880	
.	Missing	4425	8305	

<b>OHXFCLZ5</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 5		
<b>English Text: Zone 5</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1183	1183	
1	Functional contact present between two natural teeth	2189	3372	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	98	3470	
3	Functional contact present between two removable prosthesis	331	3801	
9	Cannot assess	79	3880	
.	Missing	4425	8305	

<b>OHXFCLZ6</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 6		
<b>English Text: Zone 6</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	1352	1352	
1	Functional contact present between two natural teeth	2044	3396	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	89	3485	
3	Functional contact present between two removable prosthesis	316	3801	
9	Cannot assess	79	3880	
.	Missing	4425	8305	

<b>OHXFCLZ7</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 7		
<b>English Text: Zone 7</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	3221	3221	
1	Functional contact present between two natural teeth	499	3720	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	14	3734	
3	Functional contact present between two removable prosthesis	45	3779	
9	Cannot assess	101	3880	
.	Missing	4425	8305	

<b>OHXFCLZ8</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Left - Zone 8		
<b>English Text: Zone 8</b>				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No functional contact	3340	3340	
1	Functional contact present between two natural teeth	376	3716	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	12	3728	
3	Functional contact present between two removable prosthesis	40	3768	
9	Cannot assess	112	3880	
.	Missing	4425	8305	



<b>OHXFCANT</b>	<b>Target</b>			
	B(25 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Anterior Zone:			
<b>English Text:</b> Anterior Zone:				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
0	No anterior functional contact	393	393	
1	Functional contact present between two natural teeth	2882	3275	
2	Functional contact present between a natural tooth / fixed prosthesis and a removable prosthesis	253	3528	
3	Functional contact present between two removable prosthesis	288	3816	
9	Cannot assess	64	3880	
.	Missing	4425	8305	

<b>OHQ410</b>	<b>Target</b>			
	B(25 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Removable complete/partial max denture			
<b>English Text:</b> Do you have an upper removable partial or full denture?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	837	837	OHQ420
2	No	3050	3887	OHQ430
7	Refused	0	3887	OHQ430
9	Don't know	1	3888	OHQ430
.	Missing	4417	8305	

<b>OHQ420</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Wears complete/partial max denture		
<b>English Text:</b> Do you usually wear it during the day?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	755	755	
2	No	82	837	
7	Refused	0	837	
9	Don't know	0	837	
.	Missing	7468	8305	

<b>OHQ430</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Removable complete/partial mand. denture		
<b>English Text:</b> Do you have a lower removable partial or full denture?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	625	625	
2	No	3262	3887	
7	Refused	0	3887	
9	Don't know	1	3888	
.	Missing	4417	8305	

<b>OHQ440</b>		<b>Target</b>		
		B(25 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Wears complete/partial Mand. denture		
<b>English Text:</b> Do you usually wear it during the day?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	518	518	
2	No	107	625	
7	Refused	0	625	
9	Don't know	0	625	
.	Missing	7680	8305	

<b>OHAPOS</b>		<b>Target</b>		
		B(5 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Was participant exam position recumbent		
<b>English Text:</b> Was the SP in a recumbent (laying down) position for all eligible assessments of the oral health exam?				
<b>English Instructions:</b> Was the SP in a recumbent (laying down) position for all eligible assessments of the oral health exam (Oral-facial--Loss of Attachment)?				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	7641	7641	
2	No	46	7687	
9	Cannot assess	0	7687	
.	Missing	618	8305	