

Attachment 3a

Summary of 2019-2020 Questionnaire Changes

Summary

The NHANES interview consists of the following major components:

1. Household Screener Questionnaire (determines eligibility) and the Non-Response Bias Module (helps assess non-response bias) (SCQ)
2. Household Family Relationship Questionnaire (SFQ)
3. Household Sample Participant Questionnaire (HPQ)
4. Household Family Questionnaire (HFQ)
5. Mobile Examination Center (MEC) Interview (CAPI and ACASI)
6. Mobile Examination Center Dietary Interview (24-Hour Dietary Recall, Post-Dietary Recall Questions and Dietary Supplements)
7. Telephone Dietary Recall and Dietary Supplements
8. Special Follow-Up Questionnaires (FCBS) (Phone)

NHANES staff conducted a thorough review of the NHANES interview to make changes that reduce respondent burden and improve data utility. The rationale for these changes include:

- Removing questions that
 - o are not used by researchers;
 - o generate variables with small counts in response categories, which then cannot be used by researchers;
 - o are no longer aligned with collaborator research interests; and
 - o compliment exam or lab components that have been removed from NHANES.
- Modifying questions wording, response categories, skip patterns or instructions to:
 - o harmonize NHANES with questions asked in the National Health Interview Survey (NHIS);
 - o eliminate redundancy;
 - o clarify confusing questions; and
 - o respond to recommendations based on recent cognitive tests.

Three new questionnaire sections will be added (two in HPQ, one in HFQ); two sections will be discontinued (one in HPQ and one in HFQ); and 33 sections will be modified. 20 sections will not be modified.

Description of changes

Household Screener Questionnaire (SCQ)

Component Name and ID (3 Letters)	Descriptions
Screener Module #1 & #2 (SCQ and SFQ) and Non-Response Bias Module	<ul style="list-style-type: none"> - Removed two questions (SCQ.245 and SCQ.247). - Updated CAPI instructions for question SCQ.340 to reflect the 2018 Department of Health and Human Service’s poverty guidelines. - Added five branding questions (SCQ.500 – SCQ.540) to gauge the effectiveness of outreach activities including radio ads and newspaper stories. - Added five questions (SCQ.New1 to SCQ.New5) to collect health information on screener respondents to help assess non-response bias (new NRB module). - Added four questions (SCQ.560, SCQ.570, SFQ.260, SFQ.270) to collect information on missing dwelling units. They were moved here due to operational changes.

Sample Person Questionnaire (HPQ)

Component Name and ID (3 Letters)	Descriptions
Respondent Selection Section (RIQ)	<ul style="list-style-type: none"> - Modified the amount of information collected for question DMQ.040.
Early Childhood (ECQ)	<ul style="list-style-type: none"> - Added two questions about mother’s pre-pregnancy weight and height (ECQ.New1 and ECQ.New2). - Modified the response categories of two questions (ECQ.080 and ECQ.090).
Hospital Utilization and Access to Care (HUQ)	<ul style="list-style-type: none"> - Modified the wording of five questions (HUQ.030, HUQ.041, HUQ.061, HUQ.071, HUQ.090). - Deleted two questions (HUQ.020 and HUQ.080).
Physical Functioning (PFQ)	<ul style="list-style-type: none"> - Deleted entire section (contained 13 questions).
Medical Conditions (MCQ)	<ul style="list-style-type: none"> - Modified wording of four questions (MCQ.010, AGQ.030, MCQ.160F, MCQ.160O). - Added one question about self-perceived cognitive functioning to compliment a cognitive functioning exam coming into the survey in 2019 (MCQ.084). - Deleted 42 questions (MCQ.160G, MCQ.160K, MCQ.160N, MCQ.170K, MCQ.180A, MCQ.180N, MCQ.180G, MCQ.180K, MCQ.203, MCQ.206, MCQ.207, MCQ.240A, MCQ.240AA, MCQ.240B, MCQ.240BB, MCQ.240C, MCQ.240CC, MCQ.240D, MCQ.240DD, MCQ.240DK, MCQ.240E, MCQ.240F, MCQ.240G, MCQ.240H, MCQ.240I, MCQ.240J, MCQ.240K, MCQ.240L, MCQ.240M, MCQ.240N, MCQ.240O, MCQ.240P, MCQ.240Q, MCQ.240R, MCQ.240S, MCQ.240T, MCQ.240U, MCQ.240V,

	MCQ.240W, MCQ.240X, MCQ.240Y, MCQ.240Z).
Functioning (FNQ)	<ul style="list-style-type: none"> - Renamed section (originally named ‘Disability DLQ’) - Deleted 13 questions and replaced them with 33 questions to collect information on disability and functioning among children and adults. - Modified target age range for section. Only those aged 5 years and older are asked these questions (original age range was 1 year and older).
Diabetes (DIQ)	<ul style="list-style-type: none"> - Modified the wording of question DIQ.050. - Deleted three questions (DIQ.170, DIQ.172, DIQ.175).
Dermatology (DEQ)	<ul style="list-style-type: none"> - Deleted three questions (DEQ.031, DEQ.038G, DEQ.038Q).
Oral Health (OHQ)	<ul style="list-style-type: none"> - Modified wording of two questions (OHQ.640, OHQ.880). - Deleted four questions (OHQ.614, OHQ.680, OHQ.895, OHQ.900). - Modified target age range for question OHQ.620, so respondents aged 3 years and older are asked it (original age range was 30 years and older).
Standing Balance (BDQ)	<ul style="list-style-type: none"> - This is a new section. - Added 39 questions about balance to compliment the balance exam that will be added in 2019. Nine additional questions used for exclusion purposes will be asked before the balance exam.
Physical Activity and Physical Fitness (PAQ)	<ul style="list-style-type: none"> - Deleted two questions (PAQ.710, PAQ.715). - Added one question to replace two of the questions deleted.
Dietary Behavior and Nutrition (DBQ)	<ul style="list-style-type: none"> - Added 17 questions to collect nationally representative data on modes of feeding and the introduction of new foods among children aged 0-24 months, and two questions about WIC. - Updated the help screen for question FSQ.653.
Weight History (WHQ)	<ul style="list-style-type: none"> - Deleted three questions (WHQ.190, WHQ.195 WHQ.200). - Modified the response categories of two questions (WHQ.010 and WHQ.130).
Smoking and Tobacco Use (SMQ)	<ul style="list-style-type: none"> - Deleted 17 questions (SMQ.093, SMQ.310, SMQ.320, SMQ.330, SMQ.098, SMQ.099, SMQ.100K, SMQ.111, SMQ.110H, SMQ.848, SMQ.852, SMQ.890, SMQ.895, SMQ.900, SMQ.905, SMQ.910, SMQ.915). - Modified wording of four questions (SMQ.030, SMQ.110A, SMQ.110B, SMQ.670).
Occupation (OCQ)	<ul style="list-style-type: none"> - Deleted 12 questions (OCQ.220, OCQ.230, OCQ.240, OCQ.250, OCQ.260, OCQ.270, OCQ.385, OCQ.389, OCQ.392, OCQ.394, OCQ.393, OCQ.395). - Modified the wording of question OCQ.180 and modified the response categories for question OCQ.380. - Added one question about adult’s work schedule.
Acculturation (ACQ)	<ul style="list-style-type: none"> - Deleted two questions (ACQ.120 and ACQ.130).
Demographics (DMQ)	<ul style="list-style-type: none"> - Deleted six questions (DMQ.057, DMQ.059, DMQ.107, DMQ.112, DMQ.125, DMQ.170). - Modified response categories and wording of question DMQ.037. - Add one question about birthplace.
Health Insurance (HIQ)	<ul style="list-style-type: none"> - Modified wording and response categories for 4 questions (HIQ.011, HIQ.031, HIQ.210, HIQ.270).

Infant Formula (IFQ)	- This is a new section. - Added three questions designed to collect information about the infant and toddler formula children aged 0-24 months consumed in the past two weeks.
Dietary Supplements and Prescription Medication (DSQ)	- Deleted 13 questions (RXQ.090, RXQ.100, RXQ.110, RXQ.120, RXQ.550, RXQ.560, RXQ.570, RXQ.590, RXQ.600, RXQ.610, RXQ.215a, RXQ.525 and RXQ.530).
Mailing Address (MAQ)	- Deleted question MAQ.087.

Family Questionnaire (HFQ)

Component Name and ID 3 Letters)	Descriptions
Demographic Background/Occupation (DMQ)	- Deleted four questions (DMQ.107, DMQ.113, OCQ.150, OCQ.380). -Modified question DMQ.130. - Added a question about place of birth.
Occupation (OCQ)	- Deleted this section (contained two questions).
Housing Characteristics (HOQ)	- Deleted question HOQ.050. - Added four questions about water in the home to compliment the home water collection section being added to the survey. - Added one question about length of time family lived in the home.
Salt Use Questionnaire (SUQ)	- This is a new section. - Added questions to compliment the collection of salt samples from respondent's households as well as the measurement of urinary iodine using samples collected from participants at the MEC. Data collected from the salt labels will help us assess the use of iodized salt in household among US populations.
Income (INQ)	- Added seven questions about sources of income (INQ.New1 – INQ.New7). The NHANES questions used in prior cycles that ask about sources of income were deleted (INQ.020 – INQ.150). - Modified CAPI instructions for two questions (INQ.238 and INQ.241). - Modified the help screens for two questions (INQ.200 and INQ.250).

MEC Interview- CAPI

Component Name and ID (3 Letters)	Descriptions
Sexual Behavior (SXQ)	- Modified the question wording of two questions (SXQ.295 and SXQ.296).
Current Health Status (HSQ)	- Deleted six question (HUQ.010, HSQ.500, HSQ.510, HSQ.520, HSQ.571, HSQ.580). - Modified age range of section. Now only includes respondents aged 16 years and older (Original age range was 12 years and older).
Tobacco (SMQ)	- Modified the response categories and/or question wording for six questions (SMQ.681, SMQ.692, SMQ.849, SMQ.851, SMQ.853, SMQ.771). - Deleted three questions (SMQ.857, SMQ.861, SMQ.841).

	- Added one question to collect information on e-cigarette use.
Alcohol Use (ALQ)	- Modified wording of question ALQ.130.
Reproductive Health (RHQ)	- Deleted 11 questions (RHQ.291, RHQ.163, RHQ.166, RHQ.169, RHQ.173, RHQ.560, RHQ.576, RHQ.580, RHQ.584, RHQ.596, RHQ.602). - Modified wording of two questions (RHQ.420 and RHQ.542). - Added three new questions based on the recommendation of our collaborator. - Modified age range—only respondents aged 12-59 years are asked question RHQ.184.
Physical Activity and Physical Fitness (PAQ)	- Added a new question to assess total screen time. - Deleted two questions (PAQ.710 and PAQ.715).

MEC Interview - ACASI

Component Name and ID (3 Letters)	Descriptions
Tobacco (SMQ)	- Modified wording of 10 questions (SMQ.641, SMQ.650, SMQ.670, SMQ.681, SMQ.692A, SMQ.692B, SMQ.771, SMQ.849, SMQ.851, SMQ.853). - Deleted seven questions (SMQ.661, SMQ.665A, SMQ.665B, SMQ.665C, SMQ.665D, SMQ.857, SMQ.861). - Added one question about e-cigarette use.
Alcohol (ALQ)	- Modified the order of the first two questions in the section (ALQ.010 and ALQ.022). - Modified the response categories for question ALQ.010.
Drug Use (DUQ)	- Changed the target age, so participants aged 12 years and older are asked all the questions in this component (original age range was 12-69). - Deleted 20 question (DUQ.210, DUQ.211, DUQ.213, DUQ.215, DUQ.217, DUQ.219, DUQ.220, DUQ.240, DUQ.260, DUQ.272, DUQ.280, DUQ.300, DUQ.320, DUQ.340, DUQ.352, DUQ.360, DUQ.390, DUQ.410, DUQ.420, DUQ.430). -Modified the question wording of two questions and response categories for two variables (DUQ.200 and DUQ.230). -Added one question about marijuana use.
Sexual Behavior (SXQ)	- Deleted sixteen questions from the men's and women's version of this section (the same eight questions for each sex: SXQ.621, SXQ.630, SXQ.633, SXQ.642, SXQ.651, SXQ.654, SXQ.270, SXQ.272).

Dietary Interview (Dietary)

Component Name and ID (3 Letters)	Descriptions
Post Dietary Recall (DRQ)	- Deleted three questions (DRQ.500, DRQ.510, DRQ.520).

Special Follow-Up Questionnaires

Component Name and ID (3 Letters)	Descriptions
Flexible Consumer Behavior Survey (FCBS)	- Added one question about added sugars and one question about the new nutrition labels. - Modified question wording and response categories for question CBQ.925