

# Attachment 3a

## Summary of 2017-18 Questionnaire Changes

### Summary

The NHANES interview consists of seven major components:

1. Household Screener Questionnaire (determines eligibility) (SCQ)
2. Household Family Relationship Questionnaire (SFQ)
3. Household Sample Participant Questionnaire (HPQ)
4. Household Family/Household Questionnaire (HFQ)
5. Mobile Examination Center (MEC) Questionnaire (CAPI and ACASI)
6. Dietary Interview
7. Telephone Post Dietary Recall Questionnaire (Phone-Post Dietary)

One section in the MEC ACASI questionnaire will be discontinued; 2 new sections will be added and 30 sections have changed. Twenty-five sections of the NHANES questionnaires will not be changed (see summary table). The water that was collected in households where at least 1 SP was aged 6-19 years was discontinued.

### 1 Description of changes

#### Household Screener Questionnaire (determines eligibility) (SCQ)

Component Name and ID (3 Letters)	Descriptions
Screeener Module #1 (SCQ)	<ul style="list-style-type: none"><li>• Added to the introduction of SCQ_INTR: "...we are conducting a survey for the <a href="#">National Center for Health Statistics</a>, part of the Centers for Disease Control and Prevention (CDC)." In addition, this question and the help screen was modified to comply with new cybersecurity requirements.</li><li>• Modified 1 hand card to align with the ASPE data collection standards (question was not changed)</li></ul>

#### Sample Person Questionnaire (HPQ)

Component Name and ID (3 Letters)	Descriptions
Respondent Selection Section (RIQ)	<ul style="list-style-type: none"><li>• Modified 1 question (DMQ.INTRO) to add in "NCHS" and to comply with new cybersecurity requirements.</li></ul>
Physical Functioning (PFQ)	<ul style="list-style-type: none"><li>• Modified answer category for 1 question and accompanying hand card. Per Rosa's Law (Public Law 111-256). Changed "mental retardation" to "intellectual disability".</li></ul>
Medical Condition (MCQ)	<ul style="list-style-type: none"><li>• Revised 2 questions related to 1) a doctor or health professional</li></ul>

	<p>making recommendations, or 2) the participant currently making changes, for certain lifestyle and dietary changes. These changes were made in order to expand the contents of data for research on the impact of upcoming FDA restaurant menu labeling regulations and upcoming changes by FDA to the Nutrition Facts Label.</p> <ul style="list-style-type: none"> <li>• Questions were added and, in some cases, age ranges were changed in order to compliment the new liver elastography examination being implemented in the 2017-2018 NHANES survey cycle.</li> <li>• The age range has changed from 20+years to 12+years for questions asking about liver conditions.</li> <li>• Added 1 follow-up question for those who provide an affirmative response to having a liver question, to ascertain the type of liver condition.</li> <li>• Added 6 questions on abdominal pain and gallbladder health (and associated hand card) from NHANES III.</li> <li>• Added 1 question about month of first menstrual cycle.</li> </ul>
Osteoporosis (OSQ)	<ul style="list-style-type: none"> <li>• Added 26 questions, previously in NHANES 2001—2010 and 2013-2014. These questions provide data needed to support the bone mineral density assessments that are being added back to NHANES beginning in 2017. These questions will be asked to both males and females aged 50 years and older.</li> </ul>
Audiometry (AUQ)	<ul style="list-style-type: none"> <li>• Questions were changed in order to correspond with the age range change for the audiometry exam beginning in 2017. <ul style="list-style-type: none"> <li>• Removed 7 questions</li> <li>• Added 16 new questions</li> <li>• Revised 5 questions</li> <li>• Cycled back 3 questions that were previously in the NHANES 2011-2012 survey cycle</li> </ul> </li> </ul>
Physical Activity and Physical Fitness (PAQ)	<ul style="list-style-type: none"> <li>• Removed 12 questions related to types of physical activity done by children and youth, recess and school PE and physical fitness awards.</li> <li>• The age range was changed for 2 questions.</li> <li>• Revised 1 question to provide more relevant examples for computer or computer games screen time.</li> </ul>
Sleep (SLQ)	<ul style="list-style-type: none"> <li>• Added 2 new questions related to sleep duration on non-work days.</li> <li>• Revised 1 question related to the time that the participant falls asleep on weekdays or workdays.</li> </ul>
Dietary Behavior and Nutrition (DBQ)	<ul style="list-style-type: none"> <li>• Removed 9 questions related to the how participants use nutrition information in fast food places and restaurants. This topic is expounded on in the Flexible Consumer Behavior Survey (FCBS) phone follow-up module that will be added in 2017.</li> <li>• Added 4 questions related to the FCBS Phone follow-up. All adult participants 16+ years will be asked to participate in the FCBS phone follow-up module. These meal planner/food shopper status questions were added back to the survey to accommodate the revised FCBS module, so the analysis on participants' knowledge, attitudes and perceptions toward nutrition and food shopping can be conducted by their food</li> </ul>

	preparation and food shopping roles in the family. In addition, these questions can be used as screener criteria for linking adult family member's FCBS phone follow-up module data to the children in the same family if self-identified as family food preparer/food shopper.
Weight History (WHQ)	<ul style="list-style-type: none"> <li>Revised the answer categories and accompanying hand card for 1 question related to how participants have tried to lose weight. These responses were very common in the last cycles and coded as other.</li> </ul>
Smoking (SMQ)	<ul style="list-style-type: none"> <li>Modified 3 questions related to cigarette smoking use to match the wording of NHIS questions.</li> <li>Updated the cigarette brand data base so that UPC codes match the name on the cigarette pack.</li> <li>Added hand card with pictures of the popular brands/sub-brands of cigarettes.</li> <li>Removed 1 question related to the age when last smoked cigarettes.</li> <li>Removed 2 questions related to information on the actual cigarette pack (band qualifying terms and pack color).</li> <li>Removed 4 follow-up questions asked to those who have not smoked 100 cigarettes during lifetime.</li> <li>Added 1 question related to exposure to e-cigarettes.</li> </ul>
Occupation (OCQ)	<ul style="list-style-type: none"> <li>Added 1 question, previously in NHANES 2005-2010, to collect data on work schedule. This information will be used to better understand Circadian Rhythm disorders.</li> </ul>
Demographics Information (DMQ)	<ul style="list-style-type: none"> <li>Removed 12 questions to collect information necessary for the Birth Certificate Linkage Project. This project was not funded for 2017.</li> <li>Modified 1 question related to Social Security Number (SSN).</li> <li>Added a hand card in order to provide examples on how SSN will be used.</li> <li>Modified 1 question to state "National Center for Health Statistics" instead of "Centers for Disease Control and Prevention" and to comply with new cybersecurity requirements.</li> </ul>
Health Insurance (HIQ)	<ul style="list-style-type: none"> <li>Modified 1 question to comply with new cybersecurity requirements</li> </ul>
Mailing Address (MAQ)	<ul style="list-style-type: none"> <li>Added 3 new questions on the collection of e-mail addresses. This information will be vital for future tracking and tracing efforts.</li> <li>Modified 1 question to remove "CDC".</li> </ul>
Post Interview	<ul style="list-style-type: none"> <li>Water collection was discontinued.</li> </ul>

### Family Questionnaire (HFQ)

Component Name and ID 3 Letters)	Descriptions
Housing Characteristics (HOQ)	<ul style="list-style-type: none"> <li>1 new question and accompanying hand card added to examine smoking behaviors, smoke free policies and other public health risk factors that disproportionately affect housing residents of multiunit building.</li> </ul>
Consumer Behavior (CBQ)	<ul style="list-style-type: none"> <li>6 new questions were added to identify the proper respondent (i.e., adult family member who is responsible for the meal planning/food shopping in the family) to answer the FCBS phone follow-up module for the child SP aged 1-15 years in the family.</li> </ul>

Income (INQ)	<ul style="list-style-type: none"> <li>Updated the prefills with the HHS 2016 poverty guidelines</li> </ul>
Food Security (FSQ)	<ul style="list-style-type: none"> <li>1 current question has been slightly revised. The probe was changed to “read as needed”. This is indicated in the questionnaire as being inside parenthesis.</li> </ul>
Tracking and Tracing (TTQ)	<ul style="list-style-type: none"> <li>Modified 1 question to replace “Centers of Disease Control and Prevention” with “National Center for Health Statistics” (TTQ.005).</li> </ul>

### MEC Questionnaire - CAPI

Component Name and ID (3 Letters)	Descriptions
Respondent Selection Section (RIQ)	<ul style="list-style-type: none"> <li>Changed introductions to accommodate the question on sexual orientation that was moved from the MEC questionnaire ACASI interview to the MEC Questionnaire CAPI interview</li> <li>Took out the word “strictly” to comply with new cybersecurity requirements.</li> </ul>
Sexual Behavior (SXQ)	<ul style="list-style-type: none"> <li>Moved question on sexual orientation from the MEC questionnaire ACASI interview to the MEC Questionnaire CAPI interview. NHANES is encountering a high percent of “don’t know” responses for the Spanish version of the questionnaire. About 26% of those who received the Spanish version of ACASI selected “don’t know” (since the beginning of 2015). NHIS had a fairly high percent of “don’t know” responses as well when they conducted the ACASI pilot test in 2013. This has not been as much of an issue since NHIS has asked the sexual orientation question in-person during the home interview.</li> <li>Added a hand card for the male and female version of the question.</li> </ul>
Cigarettes and Tobacco Use - Youth (SMQ)	<ul style="list-style-type: none"> <li>Added 1 question related to secondhand e-cigarette exposure.</li> </ul>
Physical Activity and Physical Fitness (PAQ)	<ul style="list-style-type: none"> <li>Removed 28 questions related to physical activity and fitness for participants aged 12-15 years.</li> <li>Only 3 questions will be asked for this age group, relating to days of physical activity in the past 7 days, TV watching and computer use.</li> <li>Examples of computer use were updated to reflect current technology and products.</li> </ul>
Alcohol Use (ALQ)	<ul style="list-style-type: none"> <li>Deleted 2 gateway questions and replaced with 1 new gateway question.</li> <li>Revised 2 questions; changed them from being open-ended to categorical</li> <li>Added 3 additional questions to compliment the new liver elastography examination being implemented in the 2017-2018 NHANES survey cycle.</li> <li>Removed 1 question and added it to the Post Dietary Recall Questionnaire.</li> </ul>
Critical Data Items (CDI)	<ul style="list-style-type: none"> <li>Modified 1 question related to Social Security Number (SSN).</li> <li>Added a hand card in order to provide examples on how SSN will be used.</li> <li>Added 1 question related to SSN - for participants unwilling to provide 9-digit SSN, the questionnaire now allows for the capture of the last 4-digits of the SSN.</li> </ul>

### MEC Questionnaire - ACASI

Component Name and ID (3 Letters)	Descriptions
Pubertal Maturity (PMQ)	<ul style="list-style-type: none"> <li>• Section dropped</li> <li>• Health Measurements document changed to reflect deletion</li> </ul>
Sexual Behavior (SXQ)	<ul style="list-style-type: none"> <li>• Took out the word “strictly” to comply with new cybersecurity requirements in the introduction.</li> <li>• Moved question on sexual orientation from the MEC questionnaire ACASI interview to the MEC Questionnaire CAPI interview</li> </ul>
Drug Use (DUQ)	<ul style="list-style-type: none"> <li>• Took out the word “strictly” to comply with new cybersecurity requirements in the introduction.</li> </ul>

### Dietary Interview (Dietary)

Component Name and ID (3 Letters)	Descriptions
Post Dietary Recall (DRQ)	<ul style="list-style-type: none"> <li>• Added 1 question to capture information on binge drinking in the past 30 days.</li> <li>• Revised questions to state “sea salt” instead of “seasoned salt”</li> </ul>

### Telephone Post Dietary Recall Questionnaire (Phone-Post Dietary)

Component Name and ID (3 Letters)	Descriptions
Flexible Consumer Behavior Survey (FCBS)	<ul style="list-style-type: none"> <li>• In total, the FCBS telephone post dietary recall questionnaire consists of 51 questions to allow for research on the impact of upcoming FDA restaurant menu labeling regulations and upcoming changes by FDA to the Nutrition Facts Label.</li> <li>• Many of these questions are being cycled back from the 2009-2010 FCBS (27 questions). Some of these remained unchanged, while others had revisions either to the introduction, the question/response categories and/or the hand card. Details are below. <ul style="list-style-type: none"> <li>o Cycled back 14 questions from the 2009-2010 FCBS (questions: CBQ.502, CBQ.503, CBQ.645, CBQ.700, DBQ.780, CBQ.755, DBQ.930, DBQ.935, DBQ.940, DBQ.945, CBQ.760, CBQ.765, CBQ.770, CBQ.785)</li> <li>o Cycled back and revised 13 questions from the 2009-2010 FCBS (questions: CBQ.506, CBQ.536, CBQ.541, CBQ.551, CBQ.581, CBQ.586, DBQ.750, DBQ.760, DBQ.770, CBQ.685, CBQ.738, CBQ.698, CBQ.695).</li> </ul> </li> <li>• Added 24 new questions (questions: CBQ.830, CBQ.835, CBQ.840, CBQ.845, CBQ.850, CBQ.855, CBQ.860, CBQ.865, CBQ.870, CBQ.875, CBQ.880, CBQ.885, CBQ.890, CBQ.895, CBQ.900, CBQ.905, CBQ.910, CBQ.915, CBQ.925, CBQ.930, CBQ.935, CBQ.940, CBQ.945, CBQ.950).</li> </ul>