### Appendix A: Disability Measures Included in the 2019 National Survey on Health and Disability

| Disability Question(s) or Measure | Response Option(s) | Description |
|----------------------------------|--------------------|-------------|
| 1. Do you currently have a health condition that has lasted for a year or more or is expected to last for a year or more? This could be a physical health condition (such as arthritis, asthma, cancer, dementia, diabetes, heart disease, hypertension, or stroke), a behavioral health or mental health condition, or a developmental disability? | • Yes, one condition  
• Yes, more than one condition  
• No | Used since 2014 in the national Health Reform Monitoring Survey (HRMS) administered by The Urban Institute.  
Analyses:  
Used to assess disability duration. |
| 1. What is your disability and/or health condition(s)? If you have more than one, please list your main one first?  
2. What age did your main disability or health condition begin for you? | • Open-ended responses | Two items to assess disability diagnosis and age of onset.  
Analyses:  
Used to assess disability duration |
| 1. Which ONE category would you use to describe your main disability or health condition? | • Intellectual/cognitive  
• Mental illness/psychiatric  
• Physical/mobility  
• Chronic illness or disease  
• Sensory  
• Developmental  
• Neurological | Categories based on other national survey questions, recommendations from an expert panel of disability researchers, and pilot-tests with people reporting disabilities.  
Analyses:  
Used to identify groups included in full and partial false-negatives in ACS and WG-SS responses. |

### ACS-6

| Disability Question(s) or Measure | Response Option(s) | Description |
|----------------------------------|--------------------|-------------|
| 1. Are your deaf or do you have serious difficulty hearing?  
2. Are you blind or do you have serious difficulty seeing even when wearing glasses? | • Yes  
• No | A “no” response to all 6 questions indicates the absence of disability.  
Analyses: |
3. Because of a physical, mental, or emotional conditions, do you have serious difficulty concentrating, remembering, or making decisions?
4. Do you have serious difficulty walking or climbing stairs?
5. Do you have difficulty bathing or dressing?
6. Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor’s office or shopping?

| WG-SS | The Washington Group suggests a classification scheme for measuring disability. For each question, those who respond “a lot of difficulty” or “cannot do at all” are considered to have functional disability in that area. A “no difficulty” or “some difficulty” response indicates the absence of a disability in each area with "no difficulty" or "some difficulty" responses to all six items indicating absence of any disability. Analyses: Used to identify groups included in full and partial false-negatives in WG-SS. |
|---|---|
| 1. How much difficulty do you have seeing, even if wearing glasses? | • No difficulty |
| 2. How much difficulty do you have hearing even if using a hearing aid? | • Some difficulty |
| 3. How much difficulty do you have remembering or concentrating? | • A lot of difficulty |
| 4. How much difficulty do you have walking or climbing stairs? | • Cannot do at all |
| 5. How much difficulty do you have with self-care, such as washing all over or dressing? | |
| 6. How much difficulty do you have communicating, for example understanding or being understood by others. | |

1. Urban Institute. Health Reform Monitoring Survey [Internet]. Urban Institute. 2021 [cited 2022 Feb 24]. Available from: https://www.urban.org/policy-centers/health-policy-center/projects/health-reform-monitoring-survey