

About the Measure

Domain:	Social Determinants of Health
Measure:	Access to Health Services
Definition:	Access to health services is the appropriate and timely use of healthcare to attain the best possible outcomes.
Purpose:	Access to health care impacts overall health status and quality of life and can vary with a variety of factors, including age, gender, race, ethnicity, socioeconomic status, sexual orientation, and residential location. Barriers that prevent access to health services (e.g., costs, availability, lack of insurance, etc.) can lead to delay of care and unmet health needs resulting in financial burden, preventable hospitalizations and adverse outcomes.
Essential PhenX Measures:	Current Age Gender Health Insurance Coverage Current Address Race Ethnicity
Related PhenX Measures:	Quality of Care
Measure Release Date:	

About the Protocol

Protocol Release Date:	
PhenX Protocol Name:	Access to Health Services
Keywords:	Centers for Disease Control and Prevention, National Center for Health Statistics, National Health Interview Survey (CDC/NCHS/NHIS), Social Determinants of Health
Protocol Name from Source:	NA, see source
Description:	This protocol includes 12 interviewer-administered questions from the National Health Interview Survey (NHIS) Adult Access to Health Care & Utilization Module. Seven questions capture usual place of care and five questions address failure to obtain medical care.
Specific Instructions:	None
Protocol:	1. Is there a place that you USUALLY go to when you are sick or need advice about your health? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 There is NO place <input type="checkbox"/> 3 There is MORE THAN ONE place <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know

If answer is “Yes”, go to question 2.

If answer is “There is MORE THAN ONE place”, go to question 3.

If answer is “There is NO place”, “Refused”, or “Don’t Know”, go to question 5

2. What kind of place is it - a clinic, doctor's office, emergency room, or some other place?

- ☐ 1 Clinic or health center
- ☐ 2 Doctor's office or HMO
- ☐ 3 Hospital emergency room
- ☐ 4 Hospital outpatient department
- ☐ 5 Some other place
- ☐ 6 Doesn't go to one place most often
- ☐ 7 Refused
- ☐ 9 Don't know

If answer is “Clinic or health center”, “Doctor's office or HMO”, “Hospital emergency room”, “Hospital outpatient department”, or “Some other place” go to question 4.

If answer is “Doesn't go to one place most often”, “Refused”, or “Don’t Know”, go to question 5

3. What kind of place do you go to most often - a clinic, doctor's office, emergency room, or some other place?

- ☐ 1 Clinic or health center
- ☐ 2 Doctor's office or HMO
- ☐ 3 Hospital emergency room
- ☐ 4 Hospital outpatient department
- ☐ 5 Some other place
- ☐ 6 Doesn't go to one place most often
- ☐ 7 Refused
- ☐ 9 Don't know

If answer is “Clinic or health center”, “Doctor's office or HMO”, “Hospital emergency room”, “Hospital outpatient department”, or “Some other place” go to question 4.

If answer is “Doesn't go to one place most often”, “Refused”, or “Don’t Know”, go to question 5

4. Is that {fill: place from (question 2 or question 3)} the same place you USUALLY go when you need routine or preventive care, such as a physical examination or check up?

- ☐ 1 Yes
- ☐ 2 No
- ☐ 7 Refused

☐ 9 Don't know

If answer is “Yes”, go to question 6.

If answer is “No”, “Refused”, or “Don’t Know”, go to question 5

5. What kind of place do you USUALLY go to when you need routine or preventive care, such as a physical examination or check-up?

☐ 0 Doesn't get preventive care anywhere

☐ 1 Clinic or health center

☐ 2 Doctor's office or HMO

☐ 3 Hospital emergency room

☐ 4 Hospital outpatient department

☐ 5 Some other place

☐ 6 Doesn't go to one place most often

☐ 7 Refused

☐ 9 Don't know

If answer is “Doesn't get preventive care anywhere”, “Clinic or health center”, “Doctor's office or HMO”, “Hospital emergency room”, “Hospital outpatient department”, “Some other place”, or “Refused”, or “Don’t Know” AND answer to question 1 is “There is NO place”, “Refused”, or “Don’t Know” go to question 8.

Else

If answer to question 1 is “Yes”, go to question 6

6. At any time in the PAST 12 MONTHS did you CHANGE the place(s) to which you USUALLY go for health care?

☐ 1 Yes

☐ 2 No

☐ 7 Refused

☐ 9 Don't know

If answer is “Yes”, go to question 7.

If answer is “No”, “Refused”, or “Don’t Know”, go to question 8.

7. Was this change for a reason related to health insurance?

☐ 1 Yes

☐ 2 No

☐ 7 Refused

☐ 9 Don't know

There are many reasons people delay getting medical care.

Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS?

	<p>8. ...You couldn't get through on the telephone.</p> <p><input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know</p> <p>9. ...You couldn't get an appointment soon enough.</p> <p><input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know</p> <p>10. ...Once you get there, you have to wait too long to see the doctor.</p> <p><input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know</p> <p>11. ...The (clinic/doctor's) office wasn't open when you could get there.</p> <p><input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know</p> <p>12. ...You didn't have transportation.</p> <p><input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 7 Refused <input type="checkbox"/> 9 Don't know</p>
Selection Rationale:	The National Health Interview Survey (NHIS), which has been administered since 1957, is used to monitor trends in human health and track progress toward national health objectives.
Source:	Centers for Disease Control and Prevention, National Center for Health Statistics, National Health Interview Survey (NHIS), 2018 (DRAFT 2018 NHIS Questionnaire - Sample Adult), Adult Access to Health Care & Utilization Module, question numbers AAU.020_00.000 (PhenX question 1), AAU.030_00.000 (PhenX questions 2 and 3), AAU.035_00.000 (PhenX question 4), AAU.037_00.000 (PhenX question 5), AAU.040_00.000 (PhenX question 6), AAU.050_00.000 (PhenX question 7), AAU.061_01.000 (PhenX question 8), AAU.061_02.000 (PhenX question 9), AAU.061_03.000 (PhenX question 10), AAU.061_04.000 (PhenX question 11), AAU.061_05.000 (PhenX question 12). Retrieved

	from https://www.cdc.gov/nchs/nhis/data-questionnaires-documentation.htm April 22, 2019.										
Availability:	Publicly available										
Life Stage:	Adult										
Language:	English, Spanish										
Participant:	Adults										
Personnel and Training Required:	The interviewer must be trained to conduct personal interviews with individuals from the general population. The interviewer must be trained and found to be competent (i.e., tested by an expert) at the completion of personal interviews. The interviewer should be trained to prompt respondents further if a “don’t know” response is provided.										
Equipment Needs:	The PhenX Working Group acknowledges these questions can be administered in a computerized or noncomputerized format (i.e., paper-and-pencil instrument). Computer software is necessary to develop computer-assisted instruments. The interviewer will require a laptop computer/handheld computer to administer a computer-assisted questionnaire.										
General References:	<p>Early Release of Selected Estimates Based on Data From January-September 2018 National Health Interview Survey. (03/13/2019). Retrieved 03/14/2019, from https://www.cdc.gov/nchs/nhis/releases/released201903.htm</p> <p>Fang, J., Wang, G., Ayala, C., Lucido, S.J., Loustalot, F. (2017). Healthcare Access Among Young Adults: Impact of the Affordable Care Act on Young Adults With Hypertension. <i>American Journal of Preventive Medicine</i>, 53(6S2), S213-S219.</p> <p>Tumin, D., Miller, R., Raman, V.T., Uffman, J.C., Tobias, J.D. (2019). Patterns of Health Insurance Discontinuity and Children's Access to Health Care. <i>Maternal and Child Health Journal</i>, 23(5):667-677.</p>										
Mode of Administration:	Interviewer-administered questionnaire										
Derived Variables:	None										
Requirements:	<table border="1"> <thead> <tr> <th>Requirements Category</th><th>Required (Yes/No):</th></tr> </thead> <tbody> <tr> <td>Major equipment</td><td>No</td></tr> <tr> <td>Specialized training</td><td>No</td></tr> <tr> <td>Specialized requirements for biospecimen collection</td><td>No</td></tr> <tr> <td>Average time of greater than 15 minutes in an unaffected individual</td><td>No</td></tr> </tbody> </table>	Requirements Category	Required (Yes/No):	Major equipment	No	Specialized training	No	Specialized requirements for biospecimen collection	No	Average time of greater than 15 minutes in an unaffected individual	No
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Major equipment	No										
Specialized training	No										
Specialized requirements for biospecimen collection	No										
Average time of greater than 15 minutes in an unaffected individual	No										
Annotations for Specific Conditions:	No annotations at this time.										
Process and Review:	Not applicable										