

Appendix

Brief Health Questionnaire			
Number	Question/response	Referral action	References for question or domain assessment
1	In general, would you say your health is excellent, very good, good, fair, or poor? In general, would you say your child's health is excellent, very good, good, fair, or poor?	Fair/poor health responses referred for care management assessment.	DeSalvo KB, Fan VS, McDonell MB, Fihn SD. Predicting mortality and healthcare utilization with a single question. <i>Health Serv Res</i> 2005 Aug;40(4):1234-46. DOI: http://dx.doi.org/10.1111/j.1475-6773.2005.00404.x . de Boer AG, Wijker W, de Haes HC. Predictors of health care utilization in the chronically ill: a review of the literature. <i>Health Policy</i> 1997 Nov;42(2):101-15. DOI: http://dx.doi.org/10.1016/S0168-8510(97)00062-6 .
2	Do any of your health conditions interfere with your daily activities? Does any health condition prevent your child from going to school or participating in activities?	Positive responses referred for care management assessment.	Saliba D, Elliott M, Rubenstein LZ, et al. The Vulnerable Elders Survey: a tool for identifying vulnerable older people in the community. <i>J Am Geriatr Soc</i> 2001 Dec;49(12):1691-9. DOI: http://dx.doi.org/10.1046/j.1532-5415.2001.49281.x . Dorr DA, Jones SS, Burns L, et al. Use of health-related, quality-of-life metrics to predict mortality and hospitalizations in community-dwelling seniors. <i>J Am Geriatr Soc</i> 2006 Apr;54(4):667-73. DOI: http://dx.doi.org/10.1111/j.1532-5415.2006.00681.x .
3	Do you currently take any prescription medications? Does your child take prescription medications?	Positive responses referred to pharmacy for medication reconciliation (unless member also requires care management assessment).	Donnan PT, Dorward DW, Mutch B, Morris AD. Development and validation of a model for predicting emergency admissions over the next year (PEONY): a UK historical cohort study. <i>Arch Intern Med</i> 2008 Jul 14;168(13):1416-22. DOI: http://dx.doi.org/10.1001/archinte.168.13.1416 .
4	Over the past 2 weeks, how often have you been bothered by any of the following problems? Little interest or pleasure in doing things: 0 = Not at all 1 = Several days 2 = More than half the days 3 = Nearly every day Feeling down, depressed, or hopeless: 0 = Not at all 1 = Several days 2 = More than half the days 3 = Nearly every day (Ask only ages ≥ 18 years)	Positive response is PHQ-2 score of 3 or greater. If positive PHQ-2, administer PHQ-9. If score is 10 or above on PHQ-9, referred to Behavioral Health.	Kroenke K, Spitzer RL, Williams JB. The Patient Health Questionnaire-2: validity of a two-item depression screener. <i>Med Care</i> 2003 Nov;41(11):1284-92.
5	During the past year, how many times have you gone to the Emergency Department? During the past year, how many times has your child gone to the Emergency Department?	Positive response is 3 or more Emergency Department visits; referred for possible care coordination.	McCusker J, Karp I, Cardin S, Durand P, Morin J. Determinants of emergency department visits by older adults: a systematic review. <i>Acad Emerg Med</i> 2003 Dec;10(12):1362-70. DOI: http://dx.doi.org/10.1197/S1069-6563(03)00539-6 . Halfon N, Newacheck PW, Wood DL, St Peter RF. Routine emergency department use for sick care by children in the United States. <i>Pediatrics</i> 1996 Jul;98(1):28-34. Ginde AA, Lowe RA, Wiler JL. Health insurance status change and emergency department use among US adults. <i>Arch Intern Med</i> 2012 Apr 23;172(8):642-7. DOI: http://dx.doi.org/10.1001/archinternmed.2012.34 .

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6	During the past year, how many times have you been admitted to the hospital for anything other than a delivery? During the past year, has your child been admitted to the hospital?	Positive response is 2 or more admissions; referred for possible care coordination.	Schonberg MA, Davis RB, McCarthy EP, Marcantonio ER. Index to predict 5-year mortality of community-dwelling adults aged 65 and older using data from the National Health Interview Survey. <i>J Gen Intern Med</i> 2009 Oct;24(10):1115-22. DOI: http://dx.doi.org/10.1007/s11606-009-1073-y .
7	During the past year, did you go without health insurance (including Medicaid or CHP+) for 1 or more months? Mark one: ___ I had health insurance for the whole year ___ I had no health insurance for 1-4 months during the past year ___ I had no health insurance for 5-8 months during the past year ___ I had no health insurance for more than 8 months during the past year	No referral. Question used for stratified analyses.	Bindman AB, Chattopadhyay A, Auerback GM. Interruptions in Medicaid coverage and risk for hospitalization for ambulatory care-sensitive conditions. <i>Ann Intern Med</i> 2008 Dec 16;149(12):854-60. DOI: http://dx.doi.org/10.7326/0003-4819-149-12-200812160-00004 . Sudano JJ Jr, Baker DW. Intermittent lack of health insurance coverage and use of preventive services. <i>Am J Public Health</i> 2003 Jan;93(1):130-7. DOI: http://dx.doi.org/10.2105/AJPH.93.1.130 .
8	Has your health been affected because of difficulty paying for either food, medicines, rent, or utilities? Has your child's health been affected because of difficulty paying for food, medicines, rent, utilities?	Positive responses referred to social work or community specialist.	Donnan PT, Dorward DW, Mutch B, Morris AD. Development and validation of a model for predicting emergency admissions over the next year (PEONY): a UK historical cohort study. <i>Arch Intern Med</i> 2008 Jul 14;168(13):1416-22. DOI: http://dx.doi.org/10.1001/archinte.168.13.1416 . Bayliss EA, Ellis JL, Steiner JF. Barriers to self-management and quality-of-life outcomes in seniors with multimorbidities. <i>Ann Fam Med</i> 2007 Sep-Oct;5(5):395-402. DOI: http://dx.doi.org/10.1370/afm.722 . Li AK, Covinsky KE, Sands LP, Fortinsky RH, Counsell SR, Landefeld CS. Reports of financial disability predict functional decline and death in older patients discharged from the hospital. <i>J Gen Intern Med</i> 2005 Feb;20(2):168-74. DOI: http://dx.doi.org/10.1111/j.1525-1497.2005.30315.x .
9	<i>Females only</i> Are you currently pregnant? Is your daughter pregnant?	Positive responses referred directly to OB/Gyn.	None

CHP+ = Child Health Plan Plus; OB/Gyn = Obstetrics and Gynecology Department; PHQ = Patient Health Questionnaire.