

Supplemental Material S1. Description of variables derived from questions in the 2019 NHIS.

Variable	Question	Value
Dementia	“Have you ever been told by a doctor or other health professional that you had dementia, including Alzheimer’s disease?”	0, No 1, Yes
Depression	“Do you take prescription medication for depression?”	0, No 1, Yes
Hearing impairment	<p>“Do you have difficulty hearing, even when using your hearing aid(s)? Would you say no difficulty, some difficulty, a lot of difficulty, or you cannot do this at all?”</p> <p>Respondents reporting “Some difficulty,” “A lot of difficulty,” “Cannot do at all” were classified as “yes”</p> <p>Respondents reporting “No difficulty” were classified as “no”</p>	0, No 1, Yes
Vision impairment	<p>“Do you have difficulty seeing, even when wearing glasses or contact lenses? Would you say no difficulty, some difficulty, a lot of difficulty, or you cannot do this at all?”</p> <p>Respondents reporting “Some difficulty,” “A lot of difficulty,” “Cannot do at all” were classified as “yes”</p> <p>Respondents reporting “No difficulty” were classified as “no”</p>	0, No 1, Yes
Sensory impairment category	Derived from the hearing impairment and vision impairment questions	0, No sensory impairment 1, Vision impairment only 2, Hearing impairment only 3, Dual sensory impairment

	<p>Respondents reporting “yes” to hearing impairment only were classified as “hearing impairment only”</p> <p>Respondents reporting “Yes” to vision impairment only were classified as “vision impairment only”</p> <p>Respondents reporting “yes” to vision impairment and “yes” to hearing impairment were classified as “dual sensory impairment”</p> <p>Respondents reporting “no” to hearing impairment and “no” to vision impairment were classified as “no sensory impairment”</p>	
Subjective cognitive complaint	<p>“Do you have difficulty remembering or concentrating? Would you say no difficulty, some difficulty, a lot of difficulty, or you cannot do this at all?”</p> <p>Respondents reporting “some difficulty,” a lot of difficulty,” or “cannot do at all” were classified as “yes”</p> <p>Respondents reporting “no difficulty” were classified as “no”</p>	<p>0, No 1, Yes</p>
Age	Derived from age of sample adult	Continuous value
Sex	Derived from sex of sample adult	0, Male 1, Female
Race/ethnicity	Derived from single and multiple race groups with Hispanic origin	0, Non-Hispanic White 1, Non-Hispanic Black 2, Hispanic 3, Other

	<p>Respondents reporting “NH White only” were classified as “Non-Hispanic White”</p> <p>Respondents reporting “NH Black/African American only” were classified as “Non-Hispanic Black”</p> <p>Respondents reporting “Hispanic” were classified as “Hispanic”</p> <p>Respondents reporting “NH Asian only,” “NH AIAN only,” “NH AIAN and any other group,” or “Other single and multiple races” were classified as “Other”</p>	
Education	<p>Derived from level of educational attainment</p> <p>Respondents reporting “Never attended/kindergarten only,” “Grade 1-11,” or “12th grade, no diploma” were classified as “< High school diploma”</p> <p>Respondents reporting “GED or equivalent” or “High school graduate” were classified as “High school diploma or equivalent”</p> <p>Respondents reporting “Some college, no degree,” “Associate degree: occupational, technical, or vocational program,” “Associate degree: academic program,” or “Bachelor’s degree” were classified as “some or full college”</p>	<p>0, < High school diploma</p> <p>1, High school diploma or equivalent</p> <p>2, Some or full college</p> <p>3, Graduate/professional degree</p>

	<p>Respondents reporting “Master’s degree,” “Professional school degree,” or “Doctoral degree” were classified as “graduate/professional degree”</p>	
Marital status	<p>“Are you now married, living with a partner together as an unmarried couple, or neither?”</p> <p>Respondents reporting “married” or “living with a partner together as an unmarried couple” were classified as “married or living with partner”</p> <p>Respondents reporting “neither” were classified as “neither”</p>	<p>0, Neither 1, Married or living with partner</p>
Smoking	<p>Derived from cigarette smoking status of sample adult</p> <p>Respondents reporting “current everyday smoker” or “current some day smoker” were classified as “current smoker”</p> <p>Respondents reporting “former smoker” were classified as “former smoker”</p> <p>Respondents reporting “never smoker” were classified as “never smoker”</p>	<p>0, Never smoker 1, Former smoker 2, Current smoker</p>
BMI	<p>Categorical BMI, derived from height and weight</p> <p>Respondents with BMI < 18.5 were classified as “underweight,” BMI 18.5-24.99 were classified as</p>	<p>0, Healthy weight 1, Overweight 2, Obese 3, Underweight</p>

	“healthy weight,” BMI 25-29.99 were classified as “overweight,” and BMI > 30 were classified as “obese”	
Chronic disease score	Derived from the presence of the following six variables (e.g., reporting “yes” for two of the following conditions would result in a value of “2”)	Continuous value, 0-6
Diabetes	“Has a doctor or other health professional ever told you that you had diabetes [not including gestational diabetes, prediabetes]?”	0, No 1, Yes
Hypertension	“Have you ever been told by a doctor or other health professional that you had hypertension, also called high blood pressure?”	0, No 1, Yes
Stroke	“Have you ever been told by a doctor or other health professional that you had a stroke?”	0, No 1, Yes
Heart disease	“Have you ever been told by a doctor or other health professional that you had coronary heart disease?”	0, No 1, Yes
Cancer	“Have you ever been told by a doctor or other health professional that you had cancer or a malignancy of any kind?”	0, No 1, Yes
Arthritis	“Have you ever been told by a doctor or other health professional that you had some form of arthritis, gout, lupus, or fibromyalgia?”	0, No 1, Yes

Note. NHIS = National Health Interview Survey; BMI = body mass index. Description of the variables derived from questions in the 2019 National Health Interview Survey.