

Table S1. Variables extracted from the HINTS database for this research.

Variable	Questions from the HINTS	Options and coding	Coding used in this article
Dependent variable			
PsychologicalDistress	Over the past two weeks, how often have you been bothered by any of the following problems? a. Little interest or pleasure in doing things, b. Feeling down, depressed, or hopeless, c. Feeling nervous, anxious, or on edge, and d. Not being able to stop or control worrying.	1. Nearly every day 2. More than half the days 3. Several days 4. Not at all	People without psychological Distress: a=4&b=4&c=4&d=4 People with psychological Distress: others
Demographic variables			
Gender	Selfgender	Male Female	Male Female
Race	What is your race? One or more categories may be selected.	White; Mexican; PuertoRican; Cuban; NotHisp; OthHisp; AmerInd Black; AsInd; Chinese; Filipino; OthAsian; OthPacIsl; 1. Yes 2. No	Non-Hispanic white: White=1&others=2 Racial and ethnic minority: others
Education	Education: What is the highest grade or level of schooling you completed?	1. Less than 8 years 2. 8 through 11 years 3. 12 years or completed high school 4. Post high school training other than college (vocational or technical) 5. Some college 6. College graduate 7. Postgraduate	>High school: 4, 5, 6, 7 ≤High school: 1, 2, 3
Income	IncomeRanges: Thinking about members of your family living in this household, what is your combined annual income, meaning the total pre-	1. \$0 to \$9,999 2. \$10,000 to \$14,999 3. \$15,000 to \$19,999 4. \$20,000 to \$34,999 5. \$35,000 to \$49,999	≥\$20,000: 4, 5, 6, 7, 8, 9 <\$20,000: 1, 2, 3

	tax income from all sources earned in the past year?	6. \$50,000 to \$74,999 7. \$75,000 to \$99,999 8. \$100,000 to \$199,999 9. \$200,000 or more	
Area	RUC2013: USDA Rural/Urban Designation (2013)	codes 1–9	Metropolitan: codes 1–3 Non-metropolitan: codes 4–9
Marital status	MaritalStatus: What is your marital status?	1. Married 2. Living as married or living with a romantic partner 3. Divorced 4. Widowed 5. Separated 6. Single, never been married	In marriage: 1, 2 Not in marriage: 3, 4, 5, 6
BMI	Body Mass Index	$(\text{Weight} \times 703) / (\text{Height in inches}^2)$	$(\text{Weight} \times 703) / (\text{Height in inches}^2)$
Age	SelfAge	SelfAge___	___
Other related variables			
SeekCancerInfo	SeekCancerInfo: Have you ever looked for information about cancer from any source?	1. Yes 2. No	Yes No
UseInternet	UseInternet: Do you ever go on-line to access the Internet or World Wide Web, or to send and receive e-mail?	1. Yes 2. No	Yes No
WearableDevTrackHealth	WearableDevTrackHealth: In the past 12 months, have you used an electronic wearable device to monitor or track your health or activity? For example, a Fitbit, Apple Watch, or Garmin Vivofit.	1. Yes 2. No	Yes No
Social media user	Sometimes people use the Internet to connect with other people online through social networks like Facebook or Twitter. This is often called “social media”. In the past 12 months, have you used the Internet for any of the following reasons?	a. To visit a social networking site, such as Facebook or LinkedIn. b. To share health information on social networking sites, such as Facebook or Twitter. d. To participate in an online forum or support group for people with a	Yes: others No : a=2&b=2&d=2&e=2

		similar health or medical issue. e. To watch a health-related video on YouTube 1. Yes 2. No	
RegularProvider	RegularProvider: Not including psychiatrists and other mental health professionals, is there a particular doctor, nurse, or other health professional that you see most often?	1. Yes 2. No	Yes No
AccessOnlineRecord	AccessOnlineRecord: How many times did you access your online medical record in the last 12 months?	0. 0 1. 1 to 2 times 2. 3 to 5 times 3. 6 to 9 times 4. 10 or more times	Yes: 1, 2, 3, 4 No : 0
Caregiving	Are you currently caring for or making health care decisions for someone with a medical, behavioral, disability, or other condition?	Caregiving_ No 1. Yes 2. No	Yes: 2 No : 1
GeneralHealth	GeneralHealth: In general, would you say your health is...	1. Excellent, 2. Very good, 3. Good, 4. Fair, or 5. Poor?	Good: 1, 2, 3 Poor: 4, 5
OwnAbilityTakeCareHealth	OwnAbilityTakeCareHealth: Overall, how confident are you about your ability to take good care of your health?	1. Completely confident 2. Very confident 3. Somewhat confident 4. A little confident 5. Not confident at all	1. Completely confident 2. Very confident 3. Somewhat confident 4. A little confident 5. Not confident at all
Deaf	Deaf: Are you deaf or do you have serious difficulty hearing?	1. Yes 2. No	Yes No
TalkHealthFriends	TalkHealthFriends: Do you have friends or family members that you talk to about your health?	1.Yes 2. No	Yes No
MedConditions_Disease	Has a doctor or other health professional ever told you that you had any of the following medical conditions:	a. Diabetes or high blood sugar? b. High blood pressure or hypertension? c. A heart condition such as heart attack, angina, or congestive heart failure?	Yes: others No: a=2&b=2&c=2&d=2&e=2

		d. Chronic lung disease, asthma, emphysema, or chronic bronchitis? e. Depression or anxiety disorder? 1. Yes 2. No	
Drink	DrinkDaysPerWeek: During the past 30 days, how many days per week did you have at least one drink of any alcoholic beverage?	___Days per week	Yes: ___≠0 No : ___=0
Smoke	Smoke100: Have you smoked at least 100 cigarettes in your entire life? UsedECigEver: Have you ever used an e-cigarette, even one or two times?	1.Yes 2. No	Yes No
EverHadCancer	EverHadCancer: Have you ever been diagnosed as having cancer?	1.Yes 2. No	Yes No
Cancercheck	A. WhenPapTest: How long ago did you have your most recent Pap test to check for cervical cancer?	1. A year ago or less 2. More than 1, up to 2 years ago 3. More than 2, up to 3 years ago 4. More than 3, up to 5 years ago 5. More than 5 years ago 6. I have never had a Pap test	Yes: others No: A=6&B=6&C=2&D=2&E=2
	B. WhenMammogram: When did you have your most recent mammogram to check for breast cancer, if ever?	1. A year ago or less 2. More than 1, up to 2 years ago 3. More than 2, up to 3 years ago 4. More than 3, up to 5 years ago 5. More than 5 years ago 6. I have never had a mammogram	
	C. EverTestedColonCa: Have you ever had one of these tests to check for colon cancer?	1.Yes 2. No	
	D. HeardHPV: Have you ever heard of HPV? HPV stands for Human	1.Yes 2. No	

	Papillomavirus. It is not HCV, HIV, HSV, or herpes.		
	E. HeardHPVVaccine2: Before today, have you ever heard of the cervical cancer vaccine or HPV shot?	1.Yes 2. No	
FreqWorryCancer	FreqWorryCancerNoDX: How worried are you about getting cancer?	1. Not at all 2. Slightly 3. Somewhat 4. Moderately 5. Extremely	Not at all Slightly Somewhat Moderately Extremely
Numeric variables			
ModerateExerciseMinutes	HowLongModerateExerciseMinutes: On the days that you do any physical activity or exercise of at least moderate intensity, how long do you typically do these activities?	__Minutes per day	—