

**Supplementary Table 1.** Operationalization of chronic comorbidity based on the National Health and Nutrition Examination Survey (NHANES) data

	Chronic condition	NHANES data file name	NHANES data file	Question(s)/item(s) used for analyses (response)
<i>Systemic diseases</i>	Obesity	Body Measures (BMX_J)	Examination data	Body Mass Index (kg/m2)
	Rheumatoid arthritis	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told that you had arthritis? (Yes) Which type of arthritis was it? • Osteoarthritis or degenerative arthritis • Rheumatoid arthritis (Yes) • Psoriatic arthritis • Other
	Gout	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told that you had gout? (Yes)
<i>Cardiovascular diseases</i>	Congestive heart failure	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had congestive heart failure? (Yes)
	Coronary heart disease	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had coronary heart disease? (Yes)
	Angina pectoris	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had angina/angina pectoris? (Yes)
	Heart attack	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had a heart attack? (Yes)
	Hypertension	Blood Pressure & Cholesterol (BPQ_J)	Questionnaire data	Now taking prescribed medicine for HBP? (Yes)
	Hypercholesterolemia	Blood Pressure & Cholesterol (BPQ_J)	Questionnaire data	To lower your blood cholesterol, have you ever been told by a doctor or other health professional to take prescribed medicine? (Yes)
	Stroke	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had a stroke? (Yes)
<i>Organ diseases</i>	Liver condition	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had any liver condition? (Yes)
	Liver condition	Medical Conditions (MCQ_J)	Questionnaire data	Do you still have a liver condition? (Yes)
	Kidney failing	Kidney Conditions - Urology (KIQ_U_J)	Questionnaire data	Doctor ever told you had weak/failing kidneys? (Yes)
	Thyroid problem	Medical Conditions (MCQ_J)	Questionnaire data	Doctor ever told you had thyroid problem? (Yes)
	Diabetes	Diabetes (DIQ_J)	Questionnaire data	Doctor ever told you have diabetes? (Yes)
<i>Psychiatric conditions</i>	Depression	Mental Health - Depression Screener (DPQ_J)	Questionnaire data	• Have little interest in doing things • Feeling down, depressed, or hopeless • Trouble sleeping or sleeping too much • Feeling tired or having little energy • Poor appetite or overeating • Feeling bad about yourself • Trouble concentrating on things • Moving or speaking slowly or too fast • Thought you would be better off dead • Difficulty these problems have caused' (sum score 5 to 10 is Yes, sum score 0 to 4 is No)
<i>Other</i>	Gastroesophageal Reflux Like Symptoms (GERS)	Prescription Medications (RXQ_RX_J)	Questionnaire data	Reason for use (as reported by participant) data release variables: Heartburn (R12) and/or gastro-esophageal reflux disease (K21) and/or gastric ulcer (K25) and/or peptic ulcer and/or site unspecified (K27) and/or functional dyspepsia (K30) is Yes
	Current soft drug use	Drug Use (DUQ_J)	Questionnaire data	How long has it been since you last smoked marijuana or hashish at least once a month for one year? (Days, Weeks, or Months is Yes)
	Current hard drug use	Drug Use (DUQ_J)		How long has it been since you last used cocaine, in any form? (Days, Weeks, or Months is Yes)
		Drug Use (DUQ_J)		How long has it been since you last used heroin? (Days, Weeks, or Months is Yes)
		Drug Use (DUQ_J)		How long has it been since you last used methamphetamine? (Days, Weeks, or Months is Yes)