Population surveys

Survey	About this survey	Run by	Purpose	Data available	Target population	Raw (dis-aggregated) data	Relevant items (demographics)	Relevant items (mental health)	Other notes
Household Pulse Survey	https://www.census.gov/programs-surveys/household-pulse-survey.html	National Center for Health Statistics + Census Bureau	Experimental 20min online questionnaire, to measure impact of pandemic on finances, everyday life, and health	April 2020 to Oct 2021, in 2-week intervals (37 time periods)	Households in census database, with either email or cellphone	https://www.census.gov/programs-surveys/household-pulse-survey/datasets.html#phase3.2	**TBIRTH_YEAR, RHISPANIC, RRACE**	HLTH1: **Frequency of anxiety over previous 2 weeks**; HLTH2: **Frequency of worry over previous 2 weeks**; HLTH3: **Frequency of having little interest in things over previous 2 weeks**; HLTH4: **Frequency of feeling depressed over previous 2 weeks**; Coded Yes if: "symptoms generally occur more than half the days or nearly every day". Also other items on mental health **prescriptions** and **services**, coverage.	CDC compiled aggregated rates of anxiety & depression, and advises to compare rates of anxiety & depression to 2019 National Health Interview Survey
National Health Interview Survey	https://www.cdc.gov/nchs/nhis/about_nhis.htm	National Center for Health Statistics (Census Bureau does interviews)	Collect data on broad range of health topics	1957 to 2021 (major re-design in 2019)	Civilian, non-institutionalized	https://www.cdc.gov/nchs/nhis/data-questionnaires-documentation.htm	**SEX** (male or female), **AGENO** (number), **RACE** (excludes Hispanic); **NATORG** (Hispanic or not); EMPLASTWK_A: LAST WEEK, **did you work** for pay at a job or business?	ANXFREQ_A: **How often do you feel worried, nervous or anxious?** Would you say daily, weekly, monthly, a few times a year, or never? DEPFREQ_A: **How often do you feel depressed?** Would you say daily, weekly, monthly, a few times a year, or never? (Also items on level of each, and **medications**)	
Behavioral Risk Factor Surveillance System	https://www.cdc.gov/brfss/about/index.htm	CDC's Population Health Surveillance Branch	Collect data on behavior, access to care, and use of services related to leading US causes of death and disability	1986 to 2020 (2011 change in weighting method); core set of data, and different states may add modules	Non-institutionalized, 18+ years of age, sampled through random dialing of landlines and cellphones	https://www.cdc.gov/brfss/annual_data/annual_data.htm	CDEM.01 **Age**, CDEM.02 **Hispanic**, CDEM.03 **Race**, CDEM.08 Country currently lived in, CDEM.14 Current **employment** status; Module 19: **Sex at Birth**, MSAB.01 What was your sex at birth? Was it male or female?; Module 18: Industry and Occupation, MIO.01 **What kind of work do you do?** For example, registered nurse, janitor, cashier, auto mechanic. MIO.02 **What kind of business or industry do you work in?** For example, hospital, elementary	CHD.02: Now thinking about your mental health, which includes stress, depression, and problems with emotions, **for how many days during the past 30 days was your mental health not good?** CCHC.10: (Ever told) (you had) **a depressive disorder** (including depression, major depression, dysthymia, or minor depression)?	No specific questions on anxiety. •"Fixed core" = asked all years by all states •"Rotating core" = two sets of Qs each asked in alternating years, the one not asked that year is an optional module •"Emerging core" = up to 5 last minute items added, which are candidates for future core questions •"Optional module" = specific topics, states can choose •There are also "state-added" questions •See "overview" for design and calculation of weights •Seems like there are up to 4 versions of a questionnaire and a state can use more than 1; covering different modules/items from modules? >> "the optional modules and state-added questions may have been different from other split-version questionnaires" •If a state used two versions of a questionnaire, must look at proportion of data in each version, then multiply that proportion to the given weights in each dataset •If analyzing an item across years, calculate the proportion of each year's data, and multiply that proportion to each year's weight BRFSS datasets that include industry and occupation (I&O) are considered confidential and sensitive and are not available to the public. https://www.cdc.gov/niosh/topics/surveillance/brfss/access.html
National Survey on Drug Use and Health	https://www.datafiles.samhsa.gov/dataset/national-survey-drug-use-and-health-2019-nsduh-2019-ds0001	Substance Abuse and Mental Health Services Administration	Data on substance use and mental illness at the national, state, and substate levels; subgroups	Until 2019 (change in stratification in 2014)	General civilian population aged 12 and older	https://www.datafiles.samhsa.gov/dataset/national-survey-drug-use-and-health-2019-nsduh-2019-ds0001	gender, race, age, ethnicity, employment status (not type) QD26: Did you work at a job or business at any time last week?	NERVE30: During the past 30 days, **how often did you feel nervous?**, HOPE30: During the past 30 days, **how often did you feel hopeless?** NOCHR30: During the past 30 days, **how often did you feel so sad or depressed** that nothing could cheer you up?, ... past 12 months, level of distress	In 2019 report, Table 51 and Figure 51 describe rates of "any mental illness in past year". In adults 18-25, almost 30%. In adults 26-49, 25%. Rates are higher than 2008-2018. Can use online tool to run crosstabs and logistic regression: https://pdas.samhsa.gov/#/survey/NSDUH-2019-DS0001