HCHS/SOL All-Cause Mortality 2008-2021 File INV1: Variables Overview
April 2024

The HCHS/SOL Coordinating Center has prepared an interim distribution of the all-cause mortality event years 2008-2021 data release file. This file replaces the use of the Censoring and Follow-Up time data file (ex. censor_death_wd_2008_2016_inv1.sas7bdat) that was included in previous Incident Event data releases. This file will be updated and formally included in future Incident Event data releases.

SAS dataset: *mortality_2021_inv1*.sas7bdat

Death variables are defined using information on death certificates, NDI searches through 12/31/2021, and proxy reported death. This definition was used in MS#763 by Dr. Cai et. al. published in Annals of Internal Medicine in March 2024.

> Cai J, Pirzada A, Baldoni PL, Heiss G, Kunz J, Rosamond WD, Youngblood ME, Aviles-Santa ML, Gallo LC, Isasi CR, Kaplan R, Lash JP, Lee DJ, Llabre MM, Schneiderman N, Wassertheil-Smoller S, Talavera GA, Daviglus ML. Cumulative All-Cause Mortality in Diverse Hispanic/Latino Adults: A Prospective, Multicenter Cohort Study. Ann Intern Med. 2024 Mar;177(3):303-314. doi: 10.7326/M23-1990. Epub 2024 Mar 5. PMID: 38437694.

FUTTIME1_2019_YRS is defined as the number of years from baseline to death, withdraw, or December 31, 2019, whichever happened first. Information on date of death is used in the following order:

1. If Death Certificate is available, use the date of death on the Death Certificate.
2. If Death Certificate is not available:
    a. If there is a match through NDI search, use the date of death from NDI;
    b. If there is no match through NDI search:
        - If proxy provided a date of death, use date of death that is reported by proxy.
        - If proxy did not provide a date of death, but provided year and month of death, use the 15th of the month and the provided year and month for the date of death.
        - If proxy did not provide a date of death, but provided only the year of death, use July 1 and the provided year for the date of death.
        - If proxy did not provide (1) a date, (2) year and month, or (3) year of death, the participant is considered to be alive at the last contact.

FUTIME1_2019_IND is an indicator for death (1=died, 0=alive)

FUTIME1_2021_YRS and **FUTIME1_2021_IND** have the same definition but use December 31, 2021 as the cutoff time.

COVID_YRS is defined as the time elapsed between the baseline visit and the COVID_DATE. Specifically, COVID_YRS=(March 13, 2020-CLINDATE)/365.25