

Codebook for the 2015 Linked Mortality File (LMF)

Death Certificate and NDI Match Variables

Date Created: 01MAR2018

Number of Variables: 96

| Variable Name | Variable (VAR) Label | VAR Type | VAR Length | Notes |
|-----------------------|--|----------|------------|---|
| SURVEY | Survey Name | Char | 16 | |
| PUBLICID | The current file only includes PUBLICID, which was constructed with family serial number for all survey years. | Char | 14 | Researchers linking to SOA, LSOII and NHIS public use files (PUF) use PUBLICID. To merge the NHIS PUF with the LMF please see notes in the analytic considerations. |
| SEQN | NHANES Respondent Sequence Number | Num | 5 | Public use identifier assigned by NCHS. Researchers linking to NHEFS, NHANES II, NHANES III, and 1999-2014 NHANES should use SEQN. |
| RESNUM | Resident Record (Case) Number | Num | 6 | Public use identifier assigned by NCHS. Researchers linking to the 2004 NNHS should use RESNUM. |
| FACID | 1997 NNHS - Patient ID Number | Num | 6 | Public use identifier assigned by NCHS. Researchers linking to the 1997 NNHS should use FACID. |
| CRID | 1995 NNHS - Patient ID Number | Num | 6 | Public use identifier assigned by NCHS. Researchers linking to the 1995 NNHS should use CRID. |
| PATNUM | 2007 NHHCS - Patient/Discharge Record (Case) Number | Num | 8 | Public use identifier assigned by NCHS. Researchers linking to the 2007 NHHCS should use PATNUM. |
| DVS_AUTOPSY_FLAG | Autopsy Performed | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BIRTH_COUNTRY | Country of Birth | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BIRTH_COUNTRY_REC | State/Country of Birth recode Hispanic Origin | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BIRTH_DAY | Day of Birth | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BIRTH_MONTH | Month of Birth | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_BIRTH_STATE | State of Birth | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BIRTH_YEAR | Year of Birth | Num | 4 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_BRIDGED_RACE_FLAG | Bridged Race | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_CERTIFIER | Certifier | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_CERTIFIER_LITERAL | Certifier Literal | Char | 30 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_ACTIVITY | Activity Code | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE | Age at Death | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE_CLASS_1 | Age Recode 1 | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE_CLASS_2 | Age Recode 2 | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE_CLASS_3 | Age Recode 3 | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE_INFANT | Age Infant Recode | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_AGE_UNIT | Age at Death Unit | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_DEATH_COUNTY | County | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_COUNTY_POPULATION | County Population size | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_FIPS_COUNTY | County (FIPS) | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_FIPS_STATE | State or Territory (FIPS) | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_MANNER | Manner of death | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_PLACE | Place of Death-Hospital and Status/Decedent Status | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_REG_DIV_STATE | Region and Division | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_STATE | Expanded State (includes NYC) | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_DEATH_WEEK_DAY | Day of Week of Death | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_EDUCATION | Education | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_EDUCATION_REC | Education Recode | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_EDUCATION_RPT_FLAG | Education Reporting Flag | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_INDUSTRY | Kind of Business or Industry | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_INJURY_PLACE | Place of Accident/Injury for Specified Causes | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_MANNER_DISPOSITION | Method of Disposition | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_MARITAL_STAT | Marital Status | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_NCHS_SMSA | PMSA/MSA | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_OCCUPATION | Usual Occupation Education | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_ORIGIN_CHECK_BOX | Hispanic Origin Checkbox Items | Char | 4 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_ORIGIN_DESCENT | Origin or Descent/Hispanic Origin | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_ORIGIN_LITERAL | Hispanic Origin Literal | Char | 20 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_ORIGIN_LITERAL_CODE | Hispanic Origin Literal Code | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_ORIGIN_RECODE | Hispanic Origin/Race Recode | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_PREGNANCY_STATUS | Pregnancy Status | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RACE | Race (Detail) | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RACE_IMPUTE_FLAG | Race Imputation Flag | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RACE_MULTIPLE | Multiple Race Fields | Char | 32 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RACE_RECODE_1 | Recode 1 | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RACE_RECODE_2 | Recode 2 | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RECORD_TYPE | Record Type | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_REPORT_AREA | Reporting Area | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_CITY | City | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_COUNTY | County | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_COUNTY_METRO_FLAG | Metropolitan/Nonmetropolitan County | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_RES_COUNTY_POPULATION | County Population Size | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_CITY | City (FIPS) | Num | 5 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_CMSA | CMSA (FIPS) | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_COUNTRY | Country of Residence | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_COUNTY | County (FIPS) | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_MSA | PMSA/MSA (FIPS) | Num | 4 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_FIPS_STATE | State (FIPS) | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_MSA_POPULATION | PMSA/MSA Population Size | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_POPULATION | City Population Size | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_REG_DIV_STATE | Region, Division, and State Subcode | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_STATE | Expanded State (includes NYC) | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_RES_STATE_COUNTRY_REC | State/Country Recode | Char | 2 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |

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| DVS_RESIDENT_STATUS | Resident Status | Num | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_SEX | Sex | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_TOBACCO_LITERAL | Tobacco Use Contributed to Death | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_UCOD_130_INFANT | Underlying Cause Of Death 130 Infant Groups Recode (ICD-10) | Char | 3 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| DVS_WORK_INJURY | Injury at Work | Char | 1 | Variable values and a more detailed variable description can be found here: https://www.cdc.gov/nchs/nvss/mortality_public_use_data.htm |
| NDI_BIRDD | Day of Birth Match | Char | 1 | |
| NDI_BIRMM | Month of Birth Match | Char | 1 | |
| NDI_BIRST | State of Birth Match | Char | 1 | |
| NDI_BIRYY | Year of Birth Match | Char | 3 | |
| NDI_DTAGE | Age of Death Match | Char | 1 | |
| NDI_FIRST | First Name Match | Char | 2 | |
| NDI_FSRNM | Surname Match | Char | 1 | |
| NDI_FI_MID | First Initial (from Survey) & Middle Initial (from NDI) Match | Char | 1 | |

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| NDI_FSNLN | Surname (from Survey) & Last Name (from NDI) Match [Females Only] | Char | 1 | |
| NDI_LAST | Last Name Match | Char | 1 | |
| NDI_LNFSN | Last Name (from Survey) & Surname (from NDI) Match | Char | 1 | |
| NDI_MARST | Marital Status Match | Char | 1 | |
| NDI_MID | Middle Name Match | Char | 1 | |
| NDI_MIDDLE_FIRST | Middle Name (from Survey) & First Name (from NDI) Match | Char | 1 | |
| NDI_RACE | Race Match | Char | 1 | |
| NDI_RECORD | NDI Record Returned | Num | 3 | |
| NDI_SEX | Sex Match | Char | 1 | |
| NDI_SSN | SSN Match | Char | 9 | |
| NDI_STATE | Resident State Match | Char | 1 | |
| RESC_CLASS | Class | Num | 3 | |
| RESC_SCORE | Score | Num | 3 | |