

# The 1995 National Nursing Home Survey (NNHS) Linked Mortality File

## Restricted-use File Layout

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>CRID</i>	numeric	Patient Id Number
<i>ELIGSTAT</i>	numeric	Eligibility Status for Mortality Follow-up – <a href="#">See Detailed Notes</a>
		1 Eligible
		3 Ineligible
<b>Death Information</b>		
<i>MORTSTAT</i>	numeric	Final Mortality Status – <a href="#">See Detailed Notes</a>
		0 Assumed alive
		1 Assumed deceased
		Blank Ineligible
<i>MORTSRCE_NDI</i>	numeric	Mortality Source: NDI Match – <a href="#">See Detailed Notes</a>
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>MORTSRCE_SSA</i>	numeric	Mortality Source: SSA Information – <a href="#">See Detailed Notes</a>
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>DODMONTH</i>	numeric	Month of Death
		01 January
		02 February
		03 March
		04 April
		05 May
		06 June
		07 July
		08 August
		09 September
		10 October
		11 November
		12 December
		Blank Ineligible or assumed alive

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>	
<i>DODDAY</i>	numeric	Day of Death	
		01 - 31	Day
		Blank	Ineligible or assumed alive
<i>DODYEAR</i>	numeric	Year of Death	
		1995 - 2006	Year
		Blank	Ineligible or assumed alive
<i>AGEDEATH</i>	numeric	Age at Death	
		5 - 113	Age in years
		Blank	Ineligible or assumed alive
<i>AGEPRALV</i>	numeric	Age When Last Presumed Alive (as of December 31, 2006)	
		15 - 114	Age in years
		Blank	Ineligible or assumed deceased
<b>Death Certificate Data</b>			
<i>CAUSEAVL</i>	numeric	Cause of Death Data Available – <a href="#">See Detailed Notes</a>	
		0	No
		1	Yes
		Blank	Ineligible or assumed alive
<i>ICD_9REV</i>	char	ICD-9 Underlying Cause of Death (1995-1998) <a href="#">See Underlying and Multiple Causes</a>	
		001 – 999	Code range
		Blank	Cause of death data not available or death after 1998
<i>UCOD_282</i>	char	ICD-9 (1995-1998) Underlying Cause of Death 282 Groups Recode <a href="#">See Underlying and Multiple Causes</a>	
		00300 – 35800	Code range
		Blank	Cause of death data not available or death after 1998

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>UCOD_72</i>	char	ICD-9 (1995-1998) Underlying Cause of Death 72 Groups Recode <a href="#">See Underlying and Multiple Causes</a>  010 – 840      Code range Blank          Cause of death data not available or death after 1998
<i>UCOD_34</i>	char	ICD-9 (1995-1998) Underlying Cause of Death 34 Groups Recode <a href="#">See Underlying and Multiple Causes</a>  010 – 370      Code range Blank          Cause of death data not available or death after 1998
<i>ICD_10REV</i>	char	ICD-10 Underlying Cause of Death (1999-2006) <a href="#">See Underlying and Multiple Causes</a>  A00 – Y89.9    Code range Blank          Cause of death data not available or death before 1999
<i>UCOD_358</i>	char	ICD-10 (1999-2006) Underlying Cause of Death 358 Groups Recode <a href="#">See Underlying and Multiple Causes</a>  001 – 456      Code range Blank          Cause of death data not available or death before 1999
<i>UCOD_39</i>	char	ICD-10 (1999-2006) Underlying Cause of Death 39 Groups Recode <a href="#">See Underlying and Multiple Causes</a>  001 – 042      Code range Blank          Cause of death data not available or death before 1999
<i>UCOD_113</i>	char	ICD-10 (all years) Underlying Cause of Death 113 Groups Recode <a href="#">See Underlying and Multiple Causes</a>  001 – 135      Code range Blank          Cause of death data not available

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<b>Multiple Cause of Death Conditions</b>		
<i>NUMENTAX</i>	numeric	Number of Entity Axis Conditions <a href="#">See Underlying and Multiple Causes</a>
		00 – 20            Code range
		Blank            Cause of death code not available
<i>COND_1</i>	char	Entity Axis 1 <sup>st</sup> Condition
<i>COND_2</i>	char	Entity Axis 2 <sup>nd</sup> Condition
<i>COND_3</i>	char	Entity Axis 3 <sup>rd</sup> Condition
<i>COND_4</i>	char	Entity Axis 4 <sup>th</sup> Condition
<i>COND_5</i>	char	Entity Axis 5 <sup>th</sup> Condition
<i>COND_6</i>	char	Entity Axis 6 <sup>th</sup> Condition
<i>COND_7</i>	char	Entity Axis 7 <sup>th</sup> Condition
<i>COND_8</i>	char	Entity Axis 8 <sup>th</sup> Condition
<i>COND_9</i>	char	Entity Axis 9 <sup>th</sup> Condition
<i>COND_10</i>	char	Entity Axis 10 <sup>th</sup> Condition
<i>COND_11</i>	char	Entity Axis 11 <sup>th</sup> Condition
<i>COND_12</i>	char	Entity Axis 12 <sup>th</sup> Condition
<i>COND_13</i>	char	Entity Axis 13 <sup>th</sup> Condition
<i>COND_14</i>	char	Entity Axis 14 <sup>th</sup> Condition
<i>COND_15</i>	char	Entity Axis 15 <sup>th</sup> Condition
<i>COND_16</i>	char	Entity Axis 16 <sup>th</sup> Condition
<i>COND_17</i>	char	Entity Axis 17 <sup>th</sup> Condition
<i>COND_18</i>	char	Entity Axis 18 <sup>th</sup> Condition
<i>COND_19</i>	char	Entity Axis 19 <sup>th</sup> Condition
<i>COND_20</i>	char	Entity Axis 20 <sup>th</sup> Condition
<i>NUMRAXCN</i>	numeric	Number of Record Axis Conditions <a href="#">See Underlying and Multiple Causes</a>
		00 – 20            Code range
		Blank            Cause of death code not available
<i>RCOND_1</i>	char	Record Axis 1 <sup>st</sup> Condition
<i>RCOND_2</i>	char	Record Axis 2 <sup>nd</sup> Condition
<i>RCOND_3</i>	char	Record Axis 3 <sup>rd</sup> Condition
<i>RCOND_4</i>	char	Record Axis 4 <sup>th</sup> Condition
<i>RCOND_5</i>	char	Record Axis 5 <sup>th</sup> Condition
<i>RCOND_6</i>	char	Record Axis 6 <sup>th</sup> Condition

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>RCOND_7</i>	char	Record Axis 7 <sup>th</sup> Condition
<i>RCOND_8</i>	char	Record Axis 8 <sup>th</sup> Condition
<i>RCOND_9</i>	char	Record Axis 9 <sup>th</sup> Condition
<i>RCOND_10</i>	char	Record Axis 10 <sup>th</sup> Condition
<i>RCOND_11</i>	char	Record Axis 11 <sup>th</sup> Condition
<i>RCOND_12</i>	char	Record Axis 12 <sup>th</sup> Condition
<i>RCOND_13</i>	char	Record Axis 13 <sup>th</sup> Condition
<i>RCOND_14</i>	char	Record Axis 14 <sup>th</sup> Condition
<i>RCOND_15</i>	char	Record Axis 15 <sup>th</sup> Condition
<i>RCOND_16</i>	char	Record Axis 16 <sup>th</sup> Condition
<i>RCOND_17</i>	char	Record Axis 17 <sup>th</sup> Condition
<i>RCOND_18</i>	char	Record Axis 18 <sup>th</sup> Condition
<i>RCOND_19</i>	char	Record Axis 19 <sup>th</sup> Condition
<i>RCOND_20</i>	char	Record Axis 20 <sup>th</sup> Condition

### Survey Data – [See Detailed Notes](#)

<i>DOBMONTH</i>	numeric	Month of Birth
		01      January
		02      February
		03      March
		04      April
		05      May
		06      June
		07      July
		08      August
		09      September
		10      October
		11      November
		12      December
		99      Unavailable
<i>DOBDAY</i>	numeric	Day of Birth
		01 - 31      Day
		99      Unavailable

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>DOBYEAR</i>	numeric	Year of Birth
		1884 - 1991      Year
		9999              Unavailable
<i>ADMMONTH</i>	numeric	Month of Admission
		01              January
		02              February
		03              March
		04              April
		05              May
		06              June
		07              July
		08              August
		09              September
		10              October
		11              November
		12              December
99              Unavailable		
<i>ADMDAY</i>	numeric	Day of Admission
		01 - 31          Day
		99              Unavailable
<i>ADMYEAR</i>	numeric	Year of Admission
		1967 - 1995      Day
		9999              Unavailable
<i>INTVMONTH</i>	numeric	Month of 1995 NNHS Interview
		07              July
		08              August
		09              September
		10              October
		11              November
12              December		

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>INTVDAY</i>	numeric	Day of 1995 NNHS Interview 01 - 31          Day
<i>INTVYEAR</i>	numeric	Year of 1995 NNHS Interview 1995              Year

# The 1995 National Nursing Home Survey (NNHS) Linked Mortality File

## Restricted-use Detailed Notes

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### ***ELIGSTAT*** – Eligibility Status for Mortality Follow-Up

The 1995 NNHS participants are defined as ineligible for mortality linkage if they had insufficient identifying data to create a National Death Index submission record ([See Mortality Linkage Eligibility, Tables 1 and 2](#)). Please note that all 1995 NNHS participants are included on the linked mortality files.

### ***MORTSTAT*** – Final Mortality Status

The MORTSTAT variable is NCHS's final determination of vital status and should be used as an outcome variable and to calculate survival. Each 1995 NNHS participant who is eligible for mortality follow-up is assigned a vital status code (0 = assumed alive; 1 = assumed deceased).

**MORTALITY SOURCE.** NCHS has multiple sources of information to determine the final mortality status of a 1995 NNHS survey participant. Variables indicating which source or sources were used to determine vital status are available on the linked mortality file and are described below. Any combination of these mortality sources was used to identify 1995 NNHS decedents.

### ***MORTSRCE\_NDI*** - Mortality Source: NDI Match

A code 1 indicates that mortality status was ascertained through a probabilistic match to a National Death Index (NDI) record.

### ***MORTSRCE\_SSA*** - Mortality Source: SSA Information

A code 1 indicates that mortality status was obtained from the Social Security Administration (SSA).

### ***CAUSEAVL*** – Cause of Death Data Available

Death certificate data is available only for cases where the variable MORTSTAT=1 and MORTSRCE\_NDI = 1. Users should note that it is possible to have an NDI match but no cause of death data available.

## **SURVEY DATA**

When available, complete date of birth information has been provided on the linked mortality file for your convenience. Year of birth has not been bottom-coded. When possible, where date of birth information is missing on the 1995 NNHS public-use file, it has been imputed with month = 06, day = 15, and YEAR = survey year minus a calculated age at interview.