

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>SEQN</i>	numeric	NHANES II Sample Sequence Number
<i>ELIGSTAT</i>	numeric	Eligibility Status for Mortality Follow-up – See Detailed Notes
		1 Eligible
		3 Ineligible
Death Information		
<i>MORTSTAT</i>	numeric	Final Mortality Status – See Detailed Notes
		0 Assumed alive
		1 Assumed deceased
		. Ineligible
<i>MORTSRCE_DC</i>	numeric	Mortality Source: Death Certificate Match – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>MORTSRCE_NDI</i>	numeric	Mortality Source: NDI Match – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>MORTSRCE_SSA</i>	numeric	Mortality Source: SSA Information – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<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
<i>DODDAY</i>	numeric	Day of Death 01 - 31 Day Blank Ineligible or assumed alive
<i>DODYEAR</i>	numeric	Year of Death 1976 - 2006 Year Blank Ineligible or assumed alive
<i>AGEDEATH</i>	numeric	Age at Death – See Detailed Notes 31 -100 Age in years Blank Ineligible or assumed alive
<i>AGEPRALV</i>	numeric	Age When Last Presumed Alive (as of December 31, 2006) See Detailed Notes 57 - 105 Age in years Blank Ineligible or assumed deceased

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
Death Certificate Data		
<i>CAUSEAVL</i>	numeric	Cause of Death Data Available – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>ICD_9REV</i>	char	ICD-9 Underlying Cause of Death (1976-1998) See Underlying and Multiple Causes
		001 – 999 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_282</i>	char	ICD-9 (1976-1998) Underlying Cause of Death 282 Groups Recode See Underlying and Multiple Causes
		00300 – 35800 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_72</i>	char	ICD-9 (1976-1998) Underlying Cause of Death 72 Groups Recode See Underlying and Multiple Causes
		010 – 840 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_34</i>	char	ICD-9 (1976-1998) Underlying Cause of Death 34 Groups Recode See Underlying and Multiple Causes
		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) See Underlying and Multiple Causes
		A00 – Y89.9 Code range
		Blank Cause of death data not available or death before 1999

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>UCOD_358</i>	char	ICD-10 (1999-2006) Underlying Cause of Death 358 Groups Recode See Underlying and Multiple Causes
		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 See Underlying and Multiple Causes
		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 See Underlying and Multiple Causes
		001 – 135 Code range Blank Cause of death data not available

Multiple Cause of Death Conditions

<i>NUMENTAX</i>	numeric	Number of Entity Axis Conditions See Underlying and Multiple Causes
		00 – 20 Code range Blank Cause of death code not available or no entity axis conditions listed on the death certificate
<i>COND_1</i>	char	Entity Axis 1 st Condition
<i>COND_2</i>	char	Entity Axis 2 nd Condition
<i>COND_3</i>	char	Entity Axis 3 rd Condition
<i>COND_4</i>	char	Entity Axis 4 th Condition
<i>COND_5</i>	char	Entity Axis 5 th Condition
<i>COND_6</i>	char	Entity Axis 6 th Condition
<i>COND_7</i>	char	Entity Axis 7 th Condition
<i>COND_8</i>	char	Entity Axis 8 th Condition
<i>COND_9</i>	char	Entity Axis 9 th Condition
<i>COND_10</i>	char	Entity Axis 10 th Condition
<i>COND_11</i>	char	Entity Axis 11 th Condition
<i>COND_12</i>	char	Entity Axis 12 th Condition
<i>COND_13</i>	char	Entity Axis 13 th Condition
<i>COND_14</i>	char	Entity Axis 14 th Condition

The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>COND_15</i>	char	Entity Axis 15 th Condition
<i>COND_16</i>	char	Entity Axis 16 th Condition
<i>COND_17</i>	char	Entity Axis 17 th Condition
<i>COND_18</i>	char	Entity Axis 18 th Condition
<i>COND_19</i>	char	Entity Axis 19 th Condition
<i>COND_20</i>	char	Entity Axis 20 th Condition
<i>NUMRAXCN</i>	numeric	Number of Record Axis Conditions See Underlying and Multiple Causes
		00 – 20 Code range
		Blank Cause of death code not available or no record axis conditions listed on the death certificate
<i>RCOND_1</i>	char	Record Axis 1 st Condition
<i>RCOND_2</i>	char	Record Axis 2 nd Condition
<i>RCOND_3</i>	char	Record Axis 3 rd Condition
<i>RCOND_4</i>	char	Record Axis 4 th Condition
<i>RCOND_5</i>	char	Record Axis 5 th Condition
<i>RCOND_6</i>	char	Record Axis 6 th Condition
<i>RCOND_7</i>	char	Record Axis 7 th Condition
<i>RCOND_8</i>	char	Record Axis 8 th Condition
<i>RCOND_9</i>	char	Record Axis 9 th Condition
<i>RCOND_10</i>	char	Record Axis 10 th Condition
<i>RCOND_11</i>	char	Record Axis 11 th Condition
<i>RCOND_12</i>	char	Record Axis 12 th Condition
<i>RCOND_13</i>	char	Record Axis 13 th Condition
<i>RCOND_14</i>	char	Record Axis 14 th Condition
<i>RCOND_15</i>	char	Record Axis 15 th Condition
<i>RCOND_16</i>	char	Record Axis 16 th Condition
<i>RCOND_17</i>	char	Record Axis 17 th Condition
<i>RCOND_18</i>	char	Record Axis 18 th Condition
<i>RCOND_19</i>	char	Record Axis 19 th Condition
<i>RCOND_20</i>	char	Record Axis 20 th Condition

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<u>Survey Data</u>		
<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
<i>DOBDAY</i>	numeric	Day of Birth
		01 - 31 Day
<i>DOBYEAR</i>	numeric	Year of Birth
		1901 - 1949 Year
<i>DOEMONTH</i>	numeric	Month of Exam
		01 January
		02 February
		03 March
		04 April
		05 May
		06 June
		07 July
		08 August
		09 September
		10 October
		11 November
		12 December

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>DOEDAY</i>	numeric	Day of Exam 01 - 31 Day
<i>DOEYEAR</i>	numeric	Year of Exam 1976 - 1980 Year
<i>AGEEXAM</i>	numeric	Age at Exam - See Detailed Notes 30 - 75 Age in years

The Second National Health and Nutrition Examination Survey (NHANES II) Linked Mortality File Restricted-use File Layout

ELIGSTAT – Eligibility Status for Mortality Follow-Up

NHANES II 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 NHANES II 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 NHANES II 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 NHANES II 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 NHANES II as decedents.

MORTSRCE_DC – Mortality Source: Death Certificate

A code 1 indicates that mortality status was obtained from a death certificate. Death certificates may be reviewed to compare information provided on the death certificate with data collected from NHANES II survey records in order to assist NCHS in determining if a potential National Death Index match record correctly matches the NCHS survey participant.

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).

AGEDEATH – Age at Death

Misreporting or discrepancies in reported age at baseline or date of birth can result in values for age at death that may be inconsistent with baseline age. [See Analytic Guidelines](#).

AGEPRALV – Age When Last Presumed Alive (age as of December 31, 2006)

The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout

Misreporting or discrepancies in reported age at baseline or date of birth can result in values for age when last presumed alive that may be inconsistent with baseline age. [See Analytic Guidelines](#).

**The Second National Health and Nutrition Examination Survey (NHANES II)
Linked Mortality File
Restricted-use File Layout**

CAUSEAVL – Cause of Death Data Available

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

AGEEXAM - Survey Data Age at NHANES II exam

Years of age at exam has been provided on the linked mortality file for your convenience.