

Third National Health and Nutrition Examination Survey (NHANES III) Linked Mortality File Restricted-use File Layout

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>SEQN</i>	numeric	NHANES III 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
		Blank 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
<i>MORTSRCE_CMS</i>	numeric	Mortality Source: CMS Information – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive

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<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
		1988 - 2006 Year
		Blank Ineligible or assumed alive
<i>AGEDEATH</i>	numeric	Age at Death – See Detailed Notes
		0 - 106 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
		12 - 113 Age in years
		Blank Ineligible or assumed deceased

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<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 (1988-1998) 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 (1988-1998) Underlying Cause of Death 282 Groups Recode See Underlying and Multiple Causes 00100 – 3500 Code range Blank Cause of death data not available or death after 1998
<i>UCOD_72</i>	char	ICD-9 (1988-1998) 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 (1988-1998) Underlying Cause of Death 34 Groups Recode See Underlying and Multiple Causes 001 – 999 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

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<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
		01 – 42 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
<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
<i>COND_15</i>	char	Entity Axis 15 th Condition

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<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
<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

Survey Data

<i>DOBMONTH</i>	numeric	Month of Birth
		01 January
		02 February
		03 March
		04 April

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>	
		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	
		1888 - 1994	Year
<i>MECMONTH</i>	numeric	Month of MEC 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
		Blank	No MEC exam
<i>MECDAY</i>	numeric	Day of MEC Exam	
		01 - 31	Day
		Blank	No MEC exam

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>MECYEAR</i>	numeric	Year of MEC Exam 1988 - 1994 Year Blank No MEC exam
<i>AGEMEC</i>	numeric	Age at MEC Exam - See Detailed Notes 0 - 102 Age in years Blank No MEC exam
<i>HMEMONTH</i>	numeric	Month of Home 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 Blank No home exam
<i>HOMEXDAY</i>	numeric	Day of Home Exam 01 - 31 Day Blank No home exam
<i>HOMEXYEAR</i>	numeric	Year of Home Exam 1988 - 1994 Year Blank No Home exam
<i>AGEHOMEX</i>	numeric	Age at Home Exam - See Detailed Notes 0 - 103 Age in years Blank No Home exam

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>SCRMONTH</i>	numeric	Month of Screener Interview 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>SCRNDAY</i>	numeric	Day of Screener Interview 01 - 31 Day
<i>SCRNYEAR</i>	numeric	Year of Screener Interview 1988 - 1994 Year
<i>AGESCREEN</i>	numeric	Age at Screener Interview - See Detailed Notes 0 - 103 Age in years

Third National Health and Nutrition Examination Survey (NHANES III) Linked Mortality File Restricted-use Detailed Notes for Selected Variables

ELIGSTAT – Eligibility Status for Mortality Follow-Up

NHANES III 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 III 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 III 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 III 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 III as decedents.

MORTSRCE_DC – Mortality Source: Death Certificate

Death certificates may be reviewed to compare information provided on the death certificate with data collected from NHANES III 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

Mortality status was ascertained through a probabilistic match to a National Death Index (NDI) record.

MORTSRCE_SSA - Mortality Source: SSA Information

Mortality status was obtained from the Social Security Administration (SSA).

MORTSRCE_CMS - Mortality Source: CMS Information

Mortality status was obtained from the Centers for Medicare and Medicaid Services (CMS).

Third National Health and Nutrition Examination Survey (NHANES III) Linked Mortality File Restricted-use Detailed Notes for Selected Variables

AGEDEATH – Age at Death

Misreporting or discrepancies in reported age at baseline (screener interview or MEC exam) 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)

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

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 match but no cause of death data available.

SURVEY DATA AGE VARIABLES. Years of age at MEC Exam (AGEMEC), years of age at Home Exam (AGEHOMEX), and years of age at Screener (AGESCREEN) have been provided on the linked mortality file for your convenience. Age has not been top-coded.