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

VARIABLE	DATA TYPE	FIELD DESCRIPTION
SEQN	numeric	NHANES III Sequence Number
ELIGSTAT	numeric	Eligibility Status for Mortality Follow-up – See Detailed Notes

1	Eligible
3	Ineligible

Death Information

MORTSTAT	numeric	Final Mortality Status – See Detailed Notes

0	Assumed alive
1	Assumed deceased
Blank	Ineligible

MORTSRCE_DC	numeric	Mortality Source: Death Certificate Match – See Detailed Notes

0	No
1	Yes
Blank	Ineligible or assumed alive

MORTSRCE_NDI	numeric	Mortality Source: NDI Match – See Detailed Notes

0	No
1	Yes
Blank	Ineligible or assumed alive

MORTSRCE_SSA	numeric	Mortality Source: SSA Information – See Detailed Notes

0	No
1	Yes
Blank	Ineligible or assumed alive

MORTSRCE_CMS	numeric	Mortality Source: CMS Information – See Detailed Notes

0	No
1	Yes
Blank	Ineligible or assumed alive

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VARIABLE	DATA TYPE	FIELD DESCRIPTION
DODMONTH	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

VARIABLE	DATA TYPE	FIELD DESCRIPTION
DODDAY	numeric	Day of Death

	01 - 31	Day
	Blank	Ineligible or assumed alive

VARIABLE	DATA TYPE	FIELD DESCRIPTION
DODYEAR	numeric	Year of Death

	1988 - 2006	Year
	Blank	Ineligible or assumed alive

VARIABLE	DATA TYPE	FIELD DESCRIPTION
AGEDEATH	numeric	Age at Death – See Detailed Notes

	0 - 106	Age in years
	Blank	Ineligible or assumed alive

VARIABLE	DATA TYPE	FIELD DESCRIPTION
AGEPRALV	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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VARIABLE	DATA TYPE	FIELD DESCRIPTION

Death Certificate Data

CAUSEAVL	numeric	Cause of Death Data Available – See Detailed Notes

		0	No
		1	Yes
		Blank	Ineligible or assumed alive

ICD_9REV	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

UCOD_282	char	ICD-9 (1988-1998) 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

UCOD_72	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

UCOD_34	char	ICD-9 (1988-1998) 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

ICD_10REV	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

VARIABLE	**DATA TYPE**	**FIELD DESCRIPTION**

UCOD_358   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 |

UCOD_39   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 |

UCOD_113   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

NUMENTAX   numeric   Number of Entity Axis Conditions
See Underlying and Multiple Causes

| 00 – 20 | Code range |
| Blank | Cause of death code not available |

COND_1	char	Entity Axis 1st Condition
COND_2	char	Entity Axis 2nd Condition
COND_3	char	Entity Axis 3rd Condition
COND_4	char	Entity Axis 4th Condition
COND_5	char	Entity Axis 5th Condition
COND_6	char	Entity Axis 6th Condition
COND_7	char	Entity Axis 7th Condition
COND_8	char	Entity Axis 8th Condition
COND_9	char	Entity Axis 9th Condition
COND_10	char	Entity Axis 10th Condition
COND_11	char	Entity Axis 11th Condition
COND_12	char	Entity Axis 12th Condition
COND_13	char	Entity Axis 13th Condition
COND_14	char	Entity Axis 14th Condition
COND_15	char	Entity Axis 15th Condition

VARIABLE	DATA TYPE	FIELD DESCRIPTION
COND_16	char	Entity Axis 16th Condition
COND_17	char	Entity Axis 17th Condition
COND_18	char	Entity Axis 18th Condition
COND_19	char	Entity Axis 19th Condition
COND_20	char	Entity Axis 20th Condition

NUMRAXCN   numeric   Number of Record Axis Conditions
See Underlying and Multiple Causes

	00 – 20	Code range
	Blank	Cause of death code not available

VARIABLE	DATA TYPE	FIELD DESCRIPTION
RCOND_1	char	Record Axis 1st Condition
RCOND_2	char	Record Axis 2nd Condition
RCOND_3	char	Record Axis 3rd Condition
RCOND_4	char	Record Axis 4th Condition
RCOND_5	char	Record Axis 5th Condition
RCOND_6	char	Record Axis 6th Condition
RCOND_7	char	Record Axis 7th Condition
RCOND_8	char	Record Axis 8th Condition
RCOND_9	char	Record Axis 9th Condition
RCOND_10	char	Record Axis 10th Condition
RCOND_11	char	Record Axis 11th Condition
RCOND_12	char	Record Axis 12th Condition
RCOND_13	char	Record Axis 13th Condition
RCOND_14	char	Record Axis 14th Condition
RCOND_15	char	Record Axis 15th Condition
RCOND_16	char	Record Axis 16th Condition
RCOND_17	char	Record Axis 17th Condition
RCOND_18	char	Record Axis 18th Condition
RCOND_19	char	Record Axis 19th Condition
RCOND_20	char	Record Axis 20th Condition

Survey Data

DOBMONTH   numeric   Month of Birth

	01	January
	02	February
	03	March
	04	April

VARIABLE	DATA TYPE	FIELD DESCRIPTION	
		05	May
		06	June
		07	July
		08	August
		09	September
		10	October
		11	November
		12	December
DOBDAY	numeric	Day of Birth	
		01 - 31	Day
DOBYEAR	numeric	Year of Birth	
		1888 - 1994	Year
MECMONTH	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
MECDAY	numeric	Day of MEC Exam	
		01 - 31	Day
		Blank	No MEC exam

VARIABLE	DATA TYPE	FIELD DESCRIPTION
MECYEAR	numeric	Year of MEC Exam

		1988 - 1994	Year
		Blank	No MEC exam

AGEMEC	numeric	Age at MEC Exam - See Detailed Notes

		0 - 102	Age in years
		Blank	No MEC exam

HMEMONTH	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

HOMEXDAY	numeric	Day of Home Exam

		01 - 31	Day
		Blank	No home exam

HOMEXYEAR	numeric	Year of Home Exam

		1988 - 1994	Year
		Blank	No Home exam

AGEHOMEX	numeric	Age at Home Exam - See Detailed Notes

		0 - 103	Age in years
		Blank	No Home exam

Third National Health and Nutrition Examination Survey (NHANES III) Linked Mortality File
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VARIABLE	DATA TYPE	FIELD DESCRIPTION
SCRMONTH	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

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

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

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 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

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).

MORTSRCE_CMS - Mortality Source: CMS Information

A code 1 indicates that mortality status was obtained from the Centers for Medicare and Medicaid Services (CMS).

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.