Add Health
The National Longitudinal Study of Adolescent to Adult Health

Mortality Outcomes Surveillance, Appendix 1: Death Certificates Codebook

UNC | CAROLINA POPULATION CENTER

Acknowledgement:

Important Note: The above acknowledgement should be included in all presentations and publications using data from Wave VI of Add Health.

📊 Mortality Outcomes Surveillance, Death Certificates

Title	Mortality Outcomes Surveillance, Death Certificates
File Name	ahdc17.sas7bdat
Case Quantity	460
Variable Count	34

▦ AID - RESPONDENT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Decedent identifier

Valid	Invalid	Minimum	Maximum
460	0	22578316	99886994

▦ DCST17 - DC SOURCE - STATE

Type	Code
Measurement Unit	numeric
DCST17	What was the source of this death certificate? State Dept of Vital Records/Public Health

			Frequency	% of total	% of valid
Valid	0	no	44	9.57%	9.67%
	1	yes	411	89.35%	90.33%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	1

▦ DCCO17 - DC SOURCE - COUNTY

Type	Code
Measurement Unit	numeric
DCCO17	What was the source of this death certificate? County Dept of Vital Records/Public Health

			Frequency	% of total	% of valid

Valid	0	no		427	92.83%	93.85%
	1	yes		28	6.09%	6.15%
		Total		455	98.91%	100%
Missing	-9997	legitimate skip/not applicable		5	1.09%	
		Total		5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	1

DCFH17 - DC SOURCE - FUNERAL HOME

Type	Code
Measurement Unit	numeric
DCFH17	What was the source of this death certificate? Funeral home/Funeral director

			Frequency	% of total	% of valid
Valid	0	no	455	98.91%	100%
	1	yes	0	0%	0%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	0

DCREL17 - DC SOURCE - DECEDENT'S RELATIVE

Type	Code
Measurement Unit	numeric
DCREL17	What was the source of this death certificate? Decedent's Relative

			Frequency	% of total	% of valid
Valid	0	no	455	98.91%	100%
	1	yes	0	0%	0%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	0

⊞ DCOTH17 - DC SOURCE - OTHER

Type	Code
Measurement Unit	numeric
DCOTH17	What was the source of this death certificate? Other

			Frequency	% of total	% of valid
Valid	0	no	442	96.09%	97.14%
	1	yes	13	2.83%	2.86%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	1

⊞ DCSEX17 - DECEDENT'S SEX

Type	Code
Measurement Unit	numeric
DCSEX17	Sex of decedent

			Frequency	% of total	% of valid
Valid	1	male	302	65.65%	66.37%
	2	female	153	33.26%	33.63%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	1	2

⊞ DCRES17 - STATE OF RESIDENCE

Type	Text
Constraints	Maximum Length: 5
DCRES17	State of residence (pseudoFIPS code)
Logic	Record, if decedent's address at the time of death is available

	Frequency	% of total	% of valid

Missing	-9997	legitimate skip/not applicable	5	1.09%	
	-9992	missing in source	26	5.65%	
		Total	31	6.74%	

Valid	Invalid	Minimum	Maximum
429	31	1	98

DCVET17 - VETERAN STATUS

Type	Code
Measurement Unit	numeric
DCVET17	Was the decedent a veteran?

			Frequency	% of total	% of valid
Valid	0	no	405	88.04%	93.97%
	1	yes	26	5.65%	6.03%
		Total	431	93.7%	100%
Missing	-9998	unknown/not provided	24	5.22%	
	-9997	legitimate skip/not applicable	5	1.09%	
		Total	29	6.3%	

Valid	Invalid	Minimum	Maximum
431	29	0	1

DCMAR17 - MARITAL STATUS

Type	Code
Measurement Unit	numeric
DCMAR17	Decedent's marital status at time of death (select one)

			Frequency	% of total	% of valid
Valid	1	married	103	22.39%	22.64%
	2	divorced	41	8.91%	9.01%
	3	never married	305	66.3%	67.03%
	4	other/unknown/not provided	6	1.3%	1.32%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	1	4

DCINF17 - INFORMANT RELATIONSHIP

Type	Code
Measurement Unit	numeric
DCINF17	Relationship of informant to deceased

			Frequency	% of total	% of valid
Valid	1	parent	244	53.04%	69.71%
	2	sibling	20	4.35%	5.71%
	3	spouse	64	13.91%	18.29%
	4	other	22	4.78%	6.29%
		Total	350	76.09%	100%
Missing	-9998	unknown/not recorded	105	22.83%	
	-9997	legitimate skip/not applicable	5	1.09%	
		Total	110	23.91%	

Valid	Invalid	Minimum	Maximum
350	110	1	4

DCHOSP17 - IN-HOSPITAL DEATH

Type	Code
Measurement Unit	numeric
DCHOSP17	Did decedent die in a hospital?

			Frequency	% of total	% of valid
Valid	0	no	247	53.7%	54.29%
	1	yes	208	45.22%	45.71%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	0	1

DCTYPE17 - TYPE OF IN-HOSPITAL DEATH

Type	Code
Measurement Unit	numeric
DCTYPE17	If decedent died in a hospital, how was the death classified? (select one)

			Frequency	% of total	% of valid

Valid	1	dead on arrival (DOA)	13	2.83%	6.6%
	2	emergency room/outpatient (ER/OP)	55	11.96%	27.92%
	3	inpatient	118	25.65%	59.9%
	4	none of the above	11	2.39%	5.58%
		Total	197	42.83%	100%
Missing	-9998	unknown/not recorded	11	2.39%	
	-9997	legitimate skip/not applicable	252	54.78%	
		Total	263	57.17%	

Valid	Invalid	Minimum	Maximum
197	263	1	4

▣ DCPLCE17 - PLACE OF DEATH, NON-HOSPITAL

Type	Code
Measurement Unit	numeric
DCPLCE17	If decedent DID NOT die in a hospital, where did he/she die? (select one)
Logic	Record, if decedent DID NOT die in a hospital

			Frequency	% of total	% of valid
Valid	1	decedent's home/residence	98	21.3%	40.66%
	2	other	143	31.09%	59.34%
		Total	241	52.39%	100%
Missing	-9998	unknown/not recorded	6	1.3%	
	-9997	legitimate skip/not applicable	213	46.3%	
		Total	219	47.61%	

Valid	Invalid	Minimum	Maximum
241	219	1	2

▣ DCPLOT17 - PLACE OF DEATH, OTHER

Type	Code
Measurement Unit	numeric
DCPLOT17	If decedent DID NOT die in a hospital, where did he/she die? Other, specify.
Logic	Record, if decedent DID NOT die in a hospital and place of death is other

			Frequency	% of total	% of valid

Valid	1	outdoors	18	3.91%	21.95%
	2	private residence (not incl decedent's residence)	15	3.26%	18.29%
	3	roadway/near roadway	49	10.65%	59.76%
		Total	82	17.83%	100%
Missing	-9998	unknown/not provided	30	6.52%	
	-9997	legitimate skip/not applicable	328	71.3%	
	-9982	suppressed	20	4.35%	
		Total	378	82.17%	

Valid	Invalid	Minimum	Maximum
82	378	1	3

DCCME17 - ME/CORONER CONTACTED

Type	Code
Measurement Unit	numeric
DCCME17	Was the medical examiner or coroner contacted?

			Frequency	% of total	% of valid
Valid	0	no	91	19.78%	20.87%
	1	yes	345	75%	79.13%
		Total	436	94.78%	100%
Missing	-9998	unknown/not recorded	19	4.13%	
	-9997	legitimate skip/not applicable	5	1.09%	
		Total	24	5.22%	

Valid	Invalid	Minimum	Maximum
436	24	0	1

DCINT17 - ILLNESS/INJURY ONSET & DEATH INTERVAL

Type	Code
Measurement Unit	numeric
DCINT17	Interval between onset and death regarding the immediate cause of death (select one):

			Frequency	% of total	% of valid
Valid	1	5 minutes or less	101	21.96%	52.6%
	2	1 day or less	35	7.61%	18.23%
	3	1 week or less	20	4.35%	10.42%
	4	1 month or less	13	2.83%	6.77%
	5	more than one month	23	5%	11.98%

				Frequency	% of total	% of valid
			Total	192	41.74%	100%
Missing	-9998	unknown/not recorded		263	57.17%	
	-9997	legitimate skip/not applicable		5	1.09%	
			Total	268	58.26%	

Valid	Invalid	Minimum	Maximum
192	268	1	5

DCAUTO17 - AUTOPSY PERFORMED

Type	Code
Measurement Unit	numeric
DCAUTO17	Was an autopsy performed?

				Frequency	% of total	% of valid
Valid	0	no		204	44.35%	45.54%
	1	yes		244	53.04%	54.46%
			Total	448	97.39%	100%
Missing	-9998	unknown/not recorded		7	1.52%	
	-9997	legitimate skip/not applicable		5	1.09%	
			Total	12	2.61%	

Valid	Invalid	Minimum	Maximum
448	12	0	1

DCFIND17 - AUTOPSY FINDINGS AVAILABLE

Type	Code
Measurement Unit	numeric
DCFIND17	Were autopsy findings available to complete the cause of death?
Logic	Record, if an autopsy was performed

				Frequency	% of total	% of valid
Valid	0	no		11	2.39%	4.8%
	1	yes		218	47.39%	95.2%
			Total	229	49.78%	100%
Missing	-9998	unknown/not provided		16	3.48%	
	-9997	legitimate skip/not applicable		215	46.74%	
			Total	231	50.22%	

Valid	Invalid	Minimum	Maximum
229	231	0	1

DCTBCO17 - TOBACCO DID NOT CONTRIBUTE TO DEATH

Type	Code
Measurement Unit	numeric
DCTBCO17	Did tobacco use not contribute to death? (select one)

			Frequency	% of total	% of valid
Valid	1	did not contribute	151	32.83%	33.19%
	2	other (unknown, probably contributed, did contribute)	304	66.09%	66.81%
		Total	455	98.91%	100%
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid	Minimum	Maximum
455	5	1	2

DCPREG17 - PREGNANCY STATUS

Type	Code
Measurement Unit	numeric
DCPREG17	Regarding pregnancy, decedent was (select one):

			Frequency	% of total	% of valid
Valid	1	not pregnant within the last year	41	8.91%	26.8%
	2	pregnant at time of death / not pregnant, but pregnant within 42 days of death / not pregnant, but pregnant 43 days to 1 year before death / unknown if pregnant in last year	112	24.35%	73.2%
		Total	153	33.26%	100%
Missing	-9997	legitimate skip/not applicable	307	66.74%	
		Total	307	66.74%	

Valid	Invalid	Minimum	Maximum
153	307	1	2

DCMAN17 - MANNER OF DEATH

Type	Code
Measurement Unit	numeric

DCMAN17	Final manner of death was ruled (select one):

			Frequency	% of total	% of valid
Valid	1	natural	130	28.26%	28.76%
	2	accident	177	38.48%	39.16%
	3	suicide	57	12.39%	12.61%
	4	homicide	46	10%	10.18%
	5	undetermined / not recorded	42	9.13%	9.29%
		Total	452	98.26%	100%
Missing	-9998	unknown/not provided	3	0.65%	
	-9997	legitimate skip/not applicable	5	1.09%	
		Total	8	1.74%	

Valid	Invalid	Minimum	Maximum
452	8	1	5

DCINJ17 - INJURY INVOLVED

Type	Code
Measurement Unit	numeric
DCINJ17	Did this death involve any type of injury?

			Frequency	% of total	% of valid
Valid	0	no	166	36.09%	36.64%
	1	yes	287	62.39%	63.36%
		Total	453	98.48%	100%
Missing	-9998	unknown/not recorded	2	0.43%	
	-9997	legitimate skip/not applicable	5	1.09%	
		Total	7	1.52%	

Valid	Invalid	Minimum	Maximum
453	7	0	1

DCTRNS17 - TRANSPORTATION-RELATED INJURY

Type	Code
Measurement Unit	numeric
DCTRNS17	Was the injury transportation-related?
Logic	Record, if decedent DID NOT die in a hospital and death involved any type of injury

			Frequency	% of total	% of valid

				Frequency	% of total	% of valid
Valid	0	no		186	40.43%	66.91%
	1	yes		92	20%	33.09%
		Total		278	60.43%	100%
Missing	-9998	unknown/not recorded		9	1.96%	
	-9997	legitimate skip/not applicable		173	37.61%	
		Total		182	39.57%	

Valid	Invalid	Minimum	Maximum
278	182	0	1

DCPOS17 - TRANSPORTATION-RELATED POSITION

Type	Code
Measurement Unit	numeric
DCPOS17	If injury was transportation-related, specify decedent's position (select one)
Logic	Record, if decedent DID NOT die in a hospital, death involved any type of injury, and the injury is transportation-related

			Frequency	% of total	% of valid
Valid	1	driver/operator	53	11.52%	57.61%
	2	passenger	11	2.39%	11.96%
	3	other / unknown / not recorded	28	6.09%	30.43%
		Total	92	20%	100%
Missing	-9997	legitimate skip/not applicable	368	80%	
		Total	368	80%	

Valid	Invalid	Minimum	Maximum
92	368	1	3

DCWORK17 - INJURY NOT AT WORK

Type	Code
Measurement Unit	numeric
DCWORK17	Injury did not occur at work.
Logic	Record, if decedent DID NOT die in a hospital and death involved any type of injury

			Frequency	% of total	% of valid
Valid	1	injury did not occur at work	270	58.7%	94.41%
	2	other	16	3.48%	5.59%
		Total	286	62.17%	100%

Missing	-9998	unknown/not recorded	1	0.22%	
	-9997	legitimate skip/not applicable	173	37.61%	
		Total	174	37.83%	

Valid	Invalid	Minimum	Maximum
286	174	1	2

DCINJP17 - PLACE OF INJURY

Type	Code
Measurement Unit	numeric
DCINJP17	Place of injury (e.g., home, farm, street, factory, office, etc.)
Logic	Record, if decedent DID NOT die in a hospital and death involved any type of injury

			Frequency	% of total	% of valid
Valid	1	building (not active residence)	10	2.17%	4.95%
	2	decedents residence	59	12.83%	29.21%
	3	outdoors	27	5.87%	13.37%
	4	private residence (not incl decedents home)	21	4.57%	10.4%
	5	roadway/near roadway	85	18.48%	42.08%
		Total	202	43.91%	100%
Missing	-9998	unknown/not recorded	68	14.78%	
	-9997	legitimate skip/not applicable	173	37.61%	
	-9982	suppressed	17	3.7%	
		Total	258	56.09%	

Valid	Invalid	Minimum	Maximum
202	258	1	5

DCEDU17 - DECEDENT'S EDUCATION LEVEL

Type	Code
Measurement Unit	numeric
DCEDU17	Education level of decedent (select one)

	Frequency	% of total	% of valid

				Frequency	% of total	% of valid
Valid	1	9th-12th grade, no diploma		64	13.91%	17.83%
	2	high school graduate or GED completed		172	37.39%	47.91%
	3	some college credit, but no degree		75	16.3%	20.89%
	4	associate degree		24	5.22%	6.69%
	5	bachelor's degree		24	5.22%	6.69%
	6	doctorate		0	0%	0%
		Total		359	78.04%	100%
Missing	-9998	unknown/not recorded		84	18.26%	
	-9997	legitimate skip/not applicable		5	1.09%	
	-9982	suppressed		12	2.61%	
		Total		101	21.96%	

Valid	Invalid	Minimum	Maximum
359	101	1	5

DCETH17 - DECEDENT'S ETHNICITY

Type	Code
Measurement Unit	numeric
DCETH17	Was decedent of Hispanic or Latino origin? (select one)

			Frequency	% of total	% of valid
Valid	0	no, not Spanish/Hispanic/Latino	368	80%	93.88%
	1	yes, Mexican, Mexican American, Chicano	24	5.22%	6.12%
		Total	392	85.22%	100%
Missing	-9998	unknown/not recorded	45	9.78%	
	-9997	legitimate skip/not applicable	5	1.09%	
	-9982	suppressed	18	3.91%	
		Total	68	14.78%	

Valid	Invalid	Minimum	Maximum
392	68	0	1

DCRACE17 - DECEDENT'S RACE

Type	Code
Measurement Unit	numeric
DCRACE17	Race of decedent (select one):

			Frequency	% of total	% of valid

Valid	1	White		267	58.04%	63.42%
	2	Black or African American		120	26.09%	28.5%
	3	other		34	7.39%	8.08%
		Total		421	91.52%	100%
Missing	-9998	unknown/not recorded		34	7.39%	
	-9997	legitimate skip/not applicable		5	1.09%	
		Total		39	8.48%	

Valid	Invalid	Minimum	Maximum
421	39	1	3

⊞ DCOCC117 - DECEDENT'S USUAL OCCUPATION, 1ST

Type	Text
Constraints	Maximum Length: 9
DCOCC117	Decedent's usual occupation, first

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1.09%	
	-9987	student	35	7.61%	
	-9982	suppressed	15	3.26%	
		Total	55	11.96%	

Valid	Invalid	Minimum	Maximum
405	55	9990	9990

⊞ DCOCC217 - DECEDENT'S USUAL OCCUPATION, 2ND

Type	Text
Constraints	Maximum Length: 9
DCOCC217	Decedent's usual occupation, second

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid
455	5

⊞ DCIND117 - DECEDENT'S KIND OF INDUSTRY, 1ST

Type	Text

Constraints	Maximum Length: 9
DCIND117	Decedent's kind of business/industry, first

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1.09%	
	-9987	student	35	7.61%	
	-9982	suppressed	16	3.48%	
		Total	56	12.17%	

Valid	Invalid	Minimum	Maximum
404	56	770	9990

DCIND217 - DECEDENT'S KIND OF INDUSTRY, 2ND

Type	Text
Constraints	Maximum Length: 9
DCIND217	Decedent's kind of business/industry, second

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1.09%	
		Total	5	1.09%	

Valid	Invalid
455	5