



# Add Health

The National Longitudinal Study of Adolescent to Adult Health

## Mortality Outcomes Surveillance: Death Certificate Data (2018 Update) Codebook



CAROLINA  
POPULATION CENTER

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**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, 2018 Release

Title	Mortality Outcomes Surveillance, Death Certificates, 2018 Release
File Name	ahdc18.sas7bdat
Case Quantity	499
Variable Count	34

## AID - RESPONDENT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Decedent identifier

Valid	Invalid
499	0

## DCST18 - DC SOURCE - STATE

Type	Code
Measurement Unit	numeric
DCST18	What was the source of this death certificate? State Dept of Vital Records/Public Health

			Frequency	% of total	% of valid
Valid	0	no	46	9.22%	9.31%
	1	yes	448	89.78%	90.69%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	0	1

## DCCO18 - DC SOURCE - COUNTY

Type	Code
Measurement Unit	numeric
DCCO18	What was the source of this death certificate? County Dept of Vital Records/Public Health

			Frequency	% of total	% of valid
Valid	0	no	466	93.39%	94.33%
	1	yes	28	5.61%	5.67%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	

		Total	5	1%	
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Valid	Invalid	Minimum	Maximum
494	5	0	1

### DCFH18 - DC SOURCE - FUNERAL HOME

Type	Code
Measurement Unit	numeric
DCFH18	What was the source of this death certificate? Funeral home/Funeral director

			Frequency	% of total	% of valid
Valid	0	no	494	99%	100%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	0	0

### DCREL18 - DC SOURCE - DECEDENT'S RELATIVE

Type	Code
Measurement Unit	numeric
DCREL18	What was the source of this death certificate? Decedent's Relative

			Frequency	% of total	% of valid
Valid	0	no	494	99%	100%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	0	0

### DCOTH18 - DC SOURCE - OTHER

Type	Code
Measurement Unit	numeric
DCOTH18	What was the source of this death certificate? Other

			Frequency	% of total	% of valid
Valid	0	no	479	95.99%	96.96%
	1	yes	15	3.01%	3.04%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	0	1

### DCSEX18 - DECEDENT'S SEX

Type	Code
Measurement Unit	numeric
DCSEX18	Sex of decedent

			Frequency	% of total	% of valid
Valid	1	male	325	65.13%	65.79%
	2	female	169	33.87%	34.21%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	1	2

### DCRES18 - STATE OF RESIDENCE

Type	Text
Constraints	Maximum Length: 5
DCRES18	State of residence (pseudoFIPS code)
Notes	See user guide for the list of reserve codes for missing values.
Logic	Record, if decedent's address at the time of death is available

			Frequency	% of total	% of valid
Missing	-9992	missing in source	29	5.81%	
	-9997	legitimate skip/not applicable	5	1%	
		Total	34	6.81%	

Valid	Invalid
465	34

### DCVET18 - VETERAN STATUS

Type	Code
Measurement Unit	numeric
DCVET18	Was the decedent a veteran?

			Frequency	% of total	% of valid
Valid	0	no	441	88.38%	93.83%
	1	yes	29	5.81%	6.17%
		Total	470	94.19%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not provided	24	4.81%	
		Total	29	5.81%	

Valid	Invalid	Minimum	Maximum
470	29	0	1

### DCMAR18 - MARITAL STATUS

Type	Code
Measurement Unit	numeric
DCMAR18	Decedent's marital status at time of death (select one)

			Frequency	% of total	% of valid
Valid	1	married	117	23.45%	23.68%
	2	divorced	46	9.22%	9.31%
	3	never married	325	65.13%	65.79%
	4	other/unknown/not provided	6	1.2%	1.21%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	1	4

### DCINF18 - INFORMANT RELATIONSHIP

Type	Code
Measurement Unit	numeric
DCINF18	Relationship of informant to deceased

			Frequency	% of total	% of valid
Valid	1	parent	256	51.3%	67.55%
	2	sibling	24	4.81%	6.33%
	3	spouse	73	14.63%	19.26%
	4	other	26	5.21%	6.86%
		Total	379	75.95%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	115	23.05%	
		Total	120	24.05%	

Valid	Invalid	Minimum	Maximum
379	120	1	4

### DCHOSP18 - IN-HOSPITAL DEATH

Type	Code
Measurement Unit	numeric
DCHOSP18	Did decedent die in a hospital?

			Frequency	% of total	% of valid
Valid	0	no	269	53.91%	54.45%
	1	yes	225	45.09%	45.55%

		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	0	1

### DCTYPE18 - TYPE OF IN-HOSPITAL DEATH

Type	Code
Measurement Unit	numeric
DCTYPE18	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	2.61%	6.1%
	2	emergency room/outpatient (ER/OP)	61	12.22%	28.64%
	3	inpatient	128	25.65%	60.09%
	4	none of the above	11	2.2%	5.16%
		Total	213	42.69%	100%
Missing	-9997	legitimate skip/not applicable	274	54.91%	
	-9998	unknown/not recorded	12	2.4%	
		Total	286	57.31%	

Valid	Invalid	Minimum	Maximum
213	286	1	4

### DCPLCE18 - PLACE OF DEATH, NON-HOSPITAL

Type	Code
Measurement Unit	numeric
DCPLCE18	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	109	21.84%	41.44%
	2	hospice facility	12	2.4%	4.56%
	3	other	142	28.46%	53.99%
		Total	263	52.71%	100%
Missing	-9997	legitimate skip/not applicable	230	46.09%	
	-9998	unknown/not recorded	6	1.2%	
		Total	236	47.29%	

Valid	Invalid	Minimum	Maximum
263	236	1	3

### DCPLOT18 - PLACE OF DEATH, OTHER

Type	Code
Measurement Unit	numeric
DCPLOT18	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	3.61%	20.45%
	2	private residence (not incl decedent's residence)	18	3.61%	20.45%
	3	roadway/near roadway	52	10.42%	59.09%
		Total	88	17.64%	100%
Missing	-9982	suppressed	20	4.01%	
	-9997	legitimate skip/not applicable	360	72.14%	
	-9998	unknown/not provided	31	6.21%	
		Total	411	82.36%	

Valid	Invalid	Minimum	Maximum
88	411	1	3

### DCCME18 - ME/CORONER CONTACTED

Type	Code
Measurement Unit	numeric
DCCME18	Was the medical examiner or coroner contacted?

			Frequency	% of total	% of valid
Valid	0	no	102	20.44%	21.7%
	1	yes	368	73.75%	78.3%
		Total	470	94.19%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	24	4.81%	
		Total	29	5.81%	

Valid	Invalid	Minimum	Maximum
470	29	0	1

### DCINT18 - ILLNESS/INJURY ONSET & DEATH INTERVAL

Type	Code
Measurement Unit	numeric
DCINT18	Interval between onset and death regarding the immediate cause of death (select one):

	Frequency	% of total	% of valid
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Valid	1	5 minutes or less	110	22.04%	52.88%
	2	1 day or less	38	7.62%	18.27%
	3	1 week or less	21	4.21%	10.1%
	4	1 month or less	13	2.61%	6.25%
	5	more than one month	26	5.21%	12.5%
		Total	208	41.68%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	286	57.31%	
		Total	291	58.32%	

Valid	Invalid	Minimum	Maximum
208	291	1	5

### DCAUTO18 - AUTOPSY PERFORMED

Type	Code
Measurement Unit	numeric
DCAUTO18	Was an autopsy performed?

			Frequency	% of total	% of valid
Valid	0	no	226	45.29%	46.6%
	1	yes	259	51.9%	53.4%
		Total	485	97.19%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	9	1.8%	
		Total	14	2.81%	

Valid	Invalid	Minimum	Maximum
485	14	0	1

### DCFIND18 - AUTOPSY FINDINGS AVAILABLE

Type	Code
Measurement Unit	numeric
DCFIND18	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	12	2.4%	4.94%
	1	yes	231	46.29%	95.06%
		Total	243	48.7%	100%
Missing	-9997	legitimate skip/not applicable	239	47.9%	
	-9998	unknown/not provided	17	3.41%	
		Total	256	51.3%	

Valid	Invalid	Minimum	Maximum
243	256	0	1

## DCTBCO18 - TOBACCO DID NOT CONTRIBUTE TO DEATH

Type	Code
Measurement Unit	numeric
DCTBCO18	Did tobacco use not contribute to death? (select one)

			Frequency	% of total	% of valid
Valid	1	did not contribute	167	33.47%	33.81%
	2	other (unknown, probably contributed, did contribute)	327	65.53%	66.19%
		Total	494	99%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid	Minimum	Maximum
494	5	1	2

## DCPREG18 - PREGNANCY STATUS

Type	Code
Measurement Unit	numeric
DCPREG18	Regarding pregnancy, decedent was (select one):

			Frequency	% of total	% of valid
Valid	1	not pregnant within the last year	49	9.82%	28.99%
	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	120	24.05%	71.01%
		Total	169	33.87%	100%
Missing	-9997	legitimate skip/not applicable	330	66.13%	
		Total	330	66.13%	

Valid	Invalid	Minimum	Maximum
169	330	1	2

## DCMAN18 - MANNER OF DEATH

Type	Code
Measurement Unit	numeric
DCMAN18	Final manner of death was ruled (select one):

	Frequency	% of total	% of valid
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Valid	1	natural	150	30.06%	30.55%
	2	accident	187	37.47%	38.09%
	3	suicide	61	12.22%	12.42%
	4	homicide	48	9.62%	9.78%
	5	undetermined / not recorded	45	9.02%	9.16%
		Total	491	98.4%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not provided	3	0.6%	
		Total	8	1.6%	

Valid	Invalid	Minimum	Maximum
491	8	1	5

### DCINJ18 - INJURY INVOLVED

Type	Code
Measurement Unit	numeric
DCINJ18	Did this death involve any type of injury?

			Frequency	% of total	% of valid
Valid	0	no	188	37.68%	38.29%
	1	yes	303	60.72%	61.71%
		Total	491	98.4%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	3	0.6%	
		Total	8	1.6%	

Valid	Invalid	Minimum	Maximum
491	8	0	1

### DCTRNS18 - TRANSPORTATION-RELATED INJURY

Type	Code
Measurement Unit	numeric
DCTRNS18	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
Valid	0	no	200	40.08%	68.03%
	1	yes	94	18.84%	31.97%
		Total	294	58.92%	100%
Missing	-9997	legitimate skip/not applicable	196	39.28%	
	-9998	unknown/not recorded	9	1.8%	
		Total	205	41.08%	

Valid	Invalid	Minimum	Maximum
294	205	0	1

## DCPOS18 - TRANSPORTATION-RELATED POSITION

Type	Code
Measurement Unit	numeric
DCPOS18	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	10.62%	56.38%
	2	passenger	11	2.2%	11.7%
	3	pedestrian	10	2%	10.64%
	4	other / unknown / not recorded	20	4.01%	21.28%
		Total	94	18.84%	100%
Missing	-9997	legitimate skip/not applicable	405	81.16%	
		Total	405	81.16%	

Valid	Invalid	Minimum	Maximum
94	405	1	4

## DCWORK18 - INJURY NOT AT WORK

Type	Code
Measurement Unit	numeric
DCWORK18	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	283	56.71%	93.71%
	2	other	19	3.81%	6.29%
		Total	302	60.52%	100%
Missing	-9997	legitimate skip/not applicable	196	39.28%	
	-9998	unknown/not recorded	1	0.2%	
		Total	197	39.48%	

Valid	Invalid	Minimum	Maximum
302	197	1	2

## DCINJP18 - PLACE OF INJURY

Type	Code
Measurement Unit	numeric
DCINJP18	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
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Valid	1	building (not active residence)	10	2%	4.67%
	2	decedents residence	66	13.23%	30.84%
	3	outdoors	27	5.41%	12.62%
	4	private residence (not incl decedents home)	23	4.61%	10.75%
	5	roadway/near roadway	88	17.64%	41.12%
		Total	214	42.89%	100%
Missing	-9982	suppressed	17	3.41%	
	-9997	legitimate skip/not applicable	196	39.28%	
	-9998	unknown/not recorded	72	14.43%	
		Total	285	57.11%	

Valid	Invalid	Minimum	Maximum
214	285	1	5

### DCEDU18 - DECEDENT'S EDUCATION LEVEL

Type	Code
Measurement Unit	numeric
DCEDU18	Education level of decedent (select one)

			Frequency	% of total	% of valid
Valid	1	9th-12th grade, no diploma	68	13.63%	17.44%
	2	high school graduate or GED completed	187	37.47%	47.95%
	3	some college credit, but no degree	79	15.83%	20.26%
	4	associate degree	29	5.81%	7.44%
	5	bachelor's degree	27	5.41%	6.92%
		Total	390	78.16%	100%
Missing	-9982	suppressed	14	2.81%	
	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	90	18.04%	
		Total	109	21.84%	

Valid	Invalid	Minimum	Maximum
390	109	1	5

### DCETH18 - DECEDENT'S ETHNICITY

Type	Code
Measurement Unit	numeric
DCETH18	Was decedent of Hispanic or Latino origin? (select one)

	Frequency	% of total	% of valid
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Valid	0	no, not Spanish/Hispanic/Latino	401	80.36%	92.18%
	1	yes, Mexican, Mexican American, Chicano	24	4.81%	5.52%
	2	yes, other Spanish/Hispanic/Latino	10	2%	2.3%
		Total	435	87.17%	100%
Missing	-9982	suppressed	11	2.2%	
	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	48	9.62%	
		Total	64	12.83%	

Valid	Invalid	Minimum	Maximum
435	64	0	2

### DCRACE18 - DECEDENT'S RACE

Type	Code
Measurement Unit	numeric
DCRACE18	Race of decedent (select one):

			Frequency	% of total	% of valid
Valid	1	White	292	58.52%	63.76%
	2	Black or African American	128	25.65%	27.95%
	3	other	38	7.62%	8.3%
		Total	458	91.78%	100%
Missing	-9997	legitimate skip/not applicable	5	1%	
	-9998	unknown/not recorded	36	7.21%	
		Total	41	8.22%	

Valid	Invalid	Minimum	Maximum
458	41	1	3

### DCOCC118 - DECEDENT'S USUAL OCCUPATION, 1ST

Type	Text
Constraints	Maximum Length: 9
DCOCC118	Decedent's usual occupation, first
Notes	See user guide for the list of reserve codes for missing values.

			Frequency	% of total	% of valid
Missing	-9982	suppressed	15	3.01%	
	-9987	student	35	7.01%	
	-9997	legitimate skip/not applicable	5	1%	
		Total	55	11.02%	

Valid	Invalid
444	55

## DCOCC218 - DECEDENT'S USUAL OCCUPATION, 2ND

Type	Text
Constraints	Maximum Length: 9
DCOCC218	Decedent's usual occupation, second
Notes	See user guide for the list of reserve codes for missing values.

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid
494	5

## DCIND118 - DECEDENT'S KIND OF INDUSTRY, 1ST

Type	Text
Constraints	Maximum Length: 9
DCIND118	Decedent's kind of business/industry, first
Notes	See user guide for the list of reserve codes for missing values.

			Frequency	% of total	% of valid
Missing	-9982	suppressed	20	4.01%	
	-9987	student	35	7.01%	
	-9997	legitimate skip/not applicable	5	1%	
		Total	60	12.02%	

Valid	Invalid
439	60

## DCIND218 - DECEDENT'S KIND OF INDUSTRY, 2ND

Type	Text
Constraints	Maximum Length: 9
DCIND218	Decedent's kind of business/industry, second
Notes	See user guide for the list of reserve codes for missing values.

			Frequency	% of total	% of valid
Missing	-9997	legitimate skip/not applicable	5	1%	
		Total	5	1%	

Valid	Invalid
494	5