

2016 DOCUMENTATION INITIAL RELEASE
Mortality Multiple Cause-of-Death Public Use Record

The file layout is separate for US and territories data but both are included in this package. See Deaths: Final Data for 2015 at <http://www.cdc.gov/nchs/products/nvsr.htm> for other notes about the file.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
1-19	19	<u>Reserved Positions</u> These positions are blank.
20	1	<u>Resident Status</u>
		United States Occurrence
		1 ... RESIDENTS State and County of Occurrence and Residence are the same.
		2 ... INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different.
		3 ... INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S.
		4 ... FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.
		Puerto Rico Occurrence
		1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
		2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but Countyequivalent is different.
		3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
		4 ... FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.
		Virgin Islands Occurrence
		1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
		2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but Countyequivalent is different.
		3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
		4 ... FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
20	1	<u>Resident Status - Con.</u> Guam Occurrence 1 ... RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S. American Samoa Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place. Northern Marianas Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County- equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.
21-60	40	<u>Reserved Positions</u> These positions are blank.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
61-64	4	EDUCATION
61-62	2	<u>Education (1989 revision)</u> 00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated
63	1	<u>Education (2003 revision)</u> Field is blank for registration areas that are using the 1989 revision format of the item. 1 ... 8th grade or less 2 ... 9 - 12th grade, no diploma 3 ... high school graduate or GED completed 4 ... some college credit, but no degree 5 ... Associate degree 6 ... Bachelor's degree 7 ... Master's degree 8 ... Doctorate or professional degree 9 ... Unknown
64	1	<u>Education reporting flag</u> 0 ... 1989 revision of education item on certificate 1 ... 2003 revision of education item on certificate 2 ... no education item on certificate
65-66	2	<u>Month of Death</u>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		01 ... January
		02 ... February
		03 ... March
		04 ... April
		05 ... May
		06 ... June
		07 ... July
		08 ... August
		09 ... September
		10 ... October
		11 ... November
		12 ... December

67-68 2 Reserved Positions

69 1 Sex

M ... Male

F ... Female

70-82 13 REPORTED AGE

70-73 4 Detail Age

Four positions are used to code detail age. Location 70 identifies age in years, months, days, etc. Locations 71-73 are the number of years, months, days, etc.

1	001-135,999	...	Years
2	001-011,999	...	Months
4	001-027,999	...	Days
5	001-023,999	...	Hours
6	001-059,999	...	Minutes
9	999	...	Age not stated

74 1 Age Substitution Flag

If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.

Blank	...	Calculated age is not substituted for reported age
1	...	Calculated age is substituted for reported age

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
75-76	2	<u>Age Recode 52</u>
		01 ... Under 1 hour (includes not stated hours and minutes)
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7 - 13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months
		15 ... 4 months
		16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
		23 ... 1 year
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
		27 ... 5 - 9 years
		28 ... 10 - 14 years
		29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years
		33 ... 35 - 39 years
		34 ... 40 - 44 years
		35 ... 45 - 49 years
		36 ... 50 - 54 years
		37 ... 55 - 59 years
		38 ... 60 - 64 years
		39 ... 65 - 69 years
		40 ... 70 - 74 years
		41 ... 75 - 79 years
		42 ... 80 - 84 years
		43 ... 85 - 89 years
		44 ... 90 - 94 years
		45 ... 95 - 99 years
		46 ... 100 - 104 years
		47 ... 105 - 109 years

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		48 ... 110 - 114 years
		49 ... 115 - 119 years
		50 ... 120 - 124 years
		51 ... 125 years and over
		52 ... Age not stated
77-78	2	<u>Age Recode 27</u>
		01 ... Under 1 month (includes not stated weeks, days, hours, and minutes)
		02 ... 1 month - 11 months (includes not stated months)
		03 ... 1 year
		04 ... 2 years
		05 ... 3 years
		06 ... 4 years
		07 ... 5 - 9 years
		08 ... 10 - 14 years
		09 ... 15 - 19 years
		10 ... 20 - 24 years
		11 ... 25 - 29 years
		12 ... 30 - 34 years
		13 ... 35 - 39 years
		14 ... 40 - 44 years
		15 ... 45 - 49 years
		16 ... 50 - 54 years
		17 ... 55 - 59 years
		18 ... 60 - 64 years
		19 ... 65 - 69 years
		20 ... 70 - 74 years
		21 ... 75 - 79 years
		22 ... 80 - 84 years
		23 ... 85 - 89 years
		24 ... 90 - 94 years
		25 ... 95 - 99 years
		26 ... 100 years and over
		27 ... Age not stated
79-80	2	<u>Age Recode 12</u>
		01 ... Under 1 year (includes not stated infant ages)
		02 ... 1 - 4 years
		03 ... 5 - 14 years
		04 ... 15 - 24 years
		05 ... 25 - 34 years
		06 ... 35 - 44 years
		07 ... 45 - 54 years
		08 ... 55 - 64 years
		09 ... 65 - 74 years
		10 ... 75 - 84 years
		11 ... 85 years and over
		12 ... Age not stated

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
81-82	2	<u>Infant Age Recode 22</u>
		Blank ... Age 1 year and over or not stated
		01 ... Under 1 hour (includes not stated hours and minutes)
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7-13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months
		15 ... 4 months
		16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
83	1	<u>Place of Death and Decedent's Status</u>
		1 ... Hospital, clinic or Medical Center - Inpatient
		2 ... Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Room
		3 ... Hospital, Clinic or Medical Center - Dead on Arrival
		4 ... Decedent's home
		5 ... Hospice facility
		6 ... Nursing home/long term care
		7 ... Other
		9 ... Place of death unknown
84	1	<u>Marital Status</u>
		S ... Never married, single M
		... Married
		W ... Widowed
		D ... Divorced
		U ... Marital Status unknown

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
85	1	<u>Day of Week of Death</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday 9 ... Unknown
86-101	16	Reserved Positions
102-105	4	<u>Current Data Year</u> 2016 ... 2016
106	1	<u>Injury at Work</u> Y ... Yes N ... No U ... Unknown
107	1	<u>Manner of Death</u> 1 ... Accident 2 ... Suicide 3 ... Homicide 4 ... Pending investigation 5 ... Could not determine 6 ... Self-Inflicted 7 ... Natural Blank ... Not specified
108	1	<u>Method of Disposition</u> B ... Burial C ... Cremation D ... Other U ... Unknown
109	1	<u>Autopsy</u> Y ... Yes N ... No U ... Unknown

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<u>Tape</u>		<u>Field</u>
<u>Location</u>	<u>Size</u>	<u>Item and Code Outline</u>

110-143 34 Reserved Positions

144	1	<u>Activity Code</u>
		0 ... While engaged in sports activity
		1 ... While engaged in leisure activity
		2 ... While working for income
		3 ... While engaged in other types of work
		4 ... While resting, sleeping, eating (vital activities)
		8 ... While engaged in other specified activities
		9 ... During unspecified activity

Blank ... Not applicable

145 1 Place of Injury for Causes W00-Y34, except Y06.- and Y07.-

		0 ... Home
		1 ... Residential institution
		2 ... School, other institution and public administrative area
		3 ... Sports and athletics area
		4 ... Street and highway
		5 ... Trade and service area
		6 ... Industrial and construction area
		7 ... Farm
		8 ... Other Specified Places
		9 ... Unspecified place
		Blank ... Causes other than W00-Y34, except Y06.- and Y07.-

146-162 18 UNDERLYING CAUSE OF DEATH

146-149 4 ICD Code (10th Revision)

See the International Classification of Diseases, 2004 Revision, Volume 1.

150-152 3 358 Cause Recode

A recode of the ICD cause code into 358 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.

001-456 ... Code range (not inclusive)

153 1 Reserved Positions

154-156 3 113 Cause Recode

A recode of the ICD cause code into 113 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>																		
		001-135 ... Code range (not inclusive)																		
157-159	3	<u>130 Infant Cause Recode</u> A recode of the ICD cause code into 130 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. Beginning in 2002 non-infant records are blank in this field. 001-158 ... Code range (not inclusive)																		
160-161	2	<u>39 Cause Recode</u> A recode of the ICD cause code into 39 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 01-42 ... Code range (not inclusive)																		
162	1	Reserved Position																		
163-443	281	<u>MULTIPLE CONDITIONS</u>																		
163-164	2	<u>Number of Entity-Axis Conditions</u> 00-20 ... Code range																		
165-304	140	<u>ENTITY - AXIS CONDITIONS</u> Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. The 7 th position will be blank. Records that do not have 20 conditions are blank in the unused area. Position 1: Part/line number on certificate <table style="margin-left: 40px;"> <tr><td>1</td><td>...</td><td>Part I, line 1 (a)</td></tr> <tr><td>2</td><td>...</td><td>Part I, line 2 (b)</td></tr> <tr><td>3</td><td>...</td><td>Part I, line 3 (c)</td></tr> <tr><td>4</td><td>...</td><td>Part I, line 4 (d)</td></tr> <tr><td>5</td><td>...</td><td>Part I, line 5 (e)</td></tr> <tr><td>6</td><td>...</td><td>Part II</td></tr> </table> Position 2: Sequence of condition within part/line 1-7 ... Code range	1	...	Part I, line 1 (a)	2	...	Part I, line 2 (b)	3	...	Part I, line 3 (c)	4	...	Part I, line 4 (d)	5	...	Part I, line 5 (e)	6	...	Part II
1	...	Part I, line 1 (a)																		
2	...	Part I, line 2 (b)																		
3	...	Part I, line 3 (c)																		
4	...	Part I, line 4 (d)																		
5	...	Part I, line 5 (e)																		
6	...	Part II																		
165-304	140	<u>ENTITY-AXIS CONDITIONS - Con.</u> Position 3 - 6: Condition code See Table 1 for a complete list of codes																		
165-171	7	1 st Condition																		

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
172-178	7	2 nd Condition
179-185	7	3 rd Condition
186-192	7	4 th Condition
193-199	7	5 th Condition
200-206	7	6 th Condition
207-213	7	7 th Condition
214-220	7	8 th Condition
221-227	7	9 th Condition
228-234	7	10 th Condition
235-241	7	11 th Condition
242-248	7	12 th Condition
249-255	7	13 th Condition
256-262	7	14 th Condition
263-269	7	15 th Condition
270-276	7	16 th Condition
277-283	7	17 th Condition
284-290	7	18 th Condition
291-297	7	19 th Condition
298-304	7	20 th Condition
305-340	36	<u>Reserved Positions</u>
341-342	2	<u>Number of Record-Axis Conditions</u>
		00-20 ... Code range
343	1	<u>Reserved Position</u>
344-443	100	<u>RECORD-AXIS CONDITIONS</u>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
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Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. The 5th position will be blank. Records that do not have 20 conditions are blank in the unused area.

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

344-348	5	1 st Condition
349-353	5	2 nd Condition
354-358	5	3 rd Condition
359-363	5	4 th Condition
364-368	5	5 th Condition
369-373	5	6 th Condition
374-378	5	7 th Condition
379-383	5	8 th Condition
384-388	5	9 th Condition
389-393	5	10 th Condition
394-398	5	11 th Condition
399-403	5	12 th Condition
404-408	5	13 th Condition
409-413	5	14 th Condition
414-418	5	15 th Condition
419-433	5	16 th Condition
424-428	5	17 th Condition
429-433	5	18 th Condition
434-438	5	19 th Condition
439-443	5	20 th Condition

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
444	1	<u>Reserved position</u>
445-482	38	<u>RACE</u>
445-446	2	<u>Race</u>

This item is: a) the reported race for States that are reporting single race or b) the bridged race for States that are reporting multiple race. Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Code 78 replaces old 08 for all other areas. For consistency with Census races, the category all other races has been imputed. US Occurrence

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes Part-Hawaiian)
07	...	Filipino
18	...	Asian Indian
28	...	Korean
38	...	Samoan
48	...	Vietnamese
58	...	Guamanian
68	...	Other Asian or Pacific Islander in areas reporting codes 18-58
78	...	Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

Puerto Rico Occurrence

00	...	Other races
01	...	White
02	...	Black

Virgin Islands Occurrence

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes Part-Hawaiian)
07	...	Filipino
08	...	Other Asian or Pacific Islander

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		Guam Occurrence
		01 ... White
		02 ... Black
		03 ... American Indian (Includes Aleuts and Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes Part-Hawaiian)
		07 ... Filipino
		08 ... Other Asian or Pacific Islander
		58 ... Guamanian
		American Samoa Occurrence
		01 ... White
		02 ... Black
		03 ... American Indian (includes Aleuts and Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes Part-Hawaiian)
		07 ... Filipino
		08 ... Other Asian or Pacific Islander
		Northern Marianas Occurrence
		01 ... White
		02 ... Black
		03 ... American Indian (includes Aleuts and Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes Part-Hawaiian)
		07 ... Filipino
		18 ... Asian Indian
		28 ... Korean
		38 ... Samoan
		48 ... Vietnamese
		58 ... Guamanian
		68 ... Other Asian or Pacific Islander in areas reporting codes 18-58
		78 ... Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately
447	1	<u>Bridged Race Flag</u>
		Blank ... Race is not bridged
		1 ... Race is bridged
448	1	<u>Race Imputation Flag</u>
		Blank ... Race is not imputed
		1 ... Unknown race is imputed

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		2 ... All other races is imputed
449	1	<u>Race Recode 3</u>
		1 ... White
		2 ... Races other than White or Black
		3 ... Black
450	1	<u>Race Recode 5</u>
		0 ... Other (Puerto Rico only)
		1 ... White
		2 ... Black
		3 ... American Indian
		4 ... Asian or Pacific Islander
451-483	33	<u>Reserved</u>
484-486	3	<u>Hispanic Origin</u>
		100-199 ... Non – Hispanic
		200-209 ... Spaniard 210-
		219 ... Mexican
		260-269 ... Puerto Rican
		270-274 ... Cuban
		275-279 ... Dominican
		220 ... Central and South American
		221-230 ... Central American
		231-249 ... South American
		250-259 ... Latin American
		280-299 ... Other Hispanic
		996-999 ... Unknown
487	1	<u>Reserved</u>
488	1	<u>Hispanic Origin/Race Recode</u>
		1 ... Mexican
		2 ... Puerto Rican
		3 ... Cuban
		4 ... Central or South American
		5 ... Other or unknown Hispanic
		6 ... Non - Hispanic white
		7 ... Non - Hispanic black
		8 ... Non - Hispanic other races
		9 ... Hispanic origin unknown

ST: 1 = Subtotal Limited: Sex: 1 = Males; 2 = Females
 Age: 1 = 5 and over; 2 = 10-54; 3 = 28 days and over;
 4 = Under 1 year; 5 = 1-4 years; 6 = 1 year and over;
 7 = 10 years and over

***** Cause Subtotals are not identified in this file *****

056				Hypertensive heart disease (I11)
057				Hypertensive heart and renal disease (I13) 058 1
				Ischemic heart diseases (I20-I25)
113			S	Limited
Recode	T	Sex	Age	Cause Title and ICD-10 Codes Included
059				Acute myocardial infarction (I21-I22)
060				Other acute ischemic heart diseases (I24)
061	1			Other forms of chronic ischemic heart disease (I20,I25)
062				Atherosclerotic cardiovascular disease, so described (I25.0)
063				All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)
064	1			Other heart diseases (I26-I51)
065				Acute and subacute endocarditis (I33)
066				Diseases of pericardium and acute myocarditis (I30-I31,I40)
067				Heart failure (I50)
068				All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)
069				Essential (primary) hypertension and hypertensive renal disease (I10,I12,I15)
070				Cerebrovascular diseases (I60-I69)
071				Atherosclerosis (I70)
072	1			Other diseases of circulatory system (I71-I78)
073				Aortic aneurysm and dissection (I71)
074				Other diseases of arteries, arterioles and capillaries (I72-I78)
075				Other disorders of circulatory system (I80-I99)
076	1			Influenza and pneumonia (J09-J18)
077				Influenza (J09-J11)
078				Pneumonia (J12-J18)
079	1			Other acute lower respiratory infections (J20-J22,U04)
080				Acute bronchitis and bronchiolitis (J20-J21)
081				Other and unspecified acute lower respiratory infection (J22,U04)
082	1			Chronic lower respiratory diseases (J40-J47)
083				Bronchitis, chronic and unspecified (J40-J42)
084		3		Emphysema (J43)
085				Asthma (J45-J46)
086				Other chronic lower respiratory diseases (J44,J47)
087				Pneumoconioses and chemical effects (J60-J66,J68)
088				Pneumonitis due to solids and liquids (J69)
089				Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)
090				Peptic ulcer (K25-K28)
091				Diseases of appendix (K35-K38)
092				Hernia (K40-K46)
093	1			Chronic liver disease and cirrhosis (K70,K73-K74)
094				Alcoholic liver disease (K70)
095				Other chronic liver disease and cirrhosis (K73-K74)
096				Cholelithiasis and other disorders of gallbladder (K80-K82)
097	1			Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)
098				Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)
099				Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03,N05-N07,N26)
100				Renal failure (N17-N19)
101				Other disorders of kidney (N25,N27)
102				Infections of kidney (N10-N12,N13.6,N15.1)
103			1	Hyperplasia of prostate (N40)
104			2	Inflammatory diseases of female pelvic organs (N70-N76)
105			1 2 7	Pregnancy, childbirth and the puerperium (O00-O99)
106			2 7	Pregnancy with abortive outcome (O00-O07)
107			2 7	Other complications of pregnancy, childbirth and the puerperium (O10-O99)
108				Certain conditions originating in the perinatal period (P00-P96)
109				Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
			110	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

***** Cause Subtotals are not identified in this file *****

358	S Limited			
Recode	T Sex Age	Cause Title and ICD-10 Codes Included		
380		All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53,R55-R94)		
381	1	XX. External causes of mortality (*U01-*U03,V01-Y89)		
382	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)		
	383 1	Transport accidents (V01-V99, Y85)		
384		Railway accidents (V05,V15,V80.6,V81.2-V81.9)		
385	1	Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86, V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)		
386		Pedestrian involved in collision with motor vehicle (V02-V04)		
387		Pedalcyclist involved in collision with motor vehicle (V12-V14,V19.0,V19.2-V19.4-V19.6)		
388		Motorcyclist involved in any accident except collision with railway train (V20-V24,V26-V34,V36-V39)		
389	1	Motor vehicle accident involving collision with railway train (V25,V35,V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)		
390		Motorcyclist involved in collision with railway train (V25,V35)		
391		Other motor vehicle accident involving collision with railway train (V45,V55,V65,V75,V81.0-V81.1,V87.6,V88.6)		
392		Occupant of motor vehicle involved in collision with other (non-motorized) road vehicle, streetcar, animal or pedestrian (V40-V41,V46-V47,V50-V51,V56-V57,V60-V61,V66-V67,V70-V71,V76-V77)		
393		Occupant of car, pickup truck or van involved in collision with other motor vehicle (V42-V44,V49,V52-V54,V59)		
394		Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle (V62-V64,V69,V72-V74,V79)		
395		Occupant of motor vehicle involved in non-collision accident (V48,V58,V68,V78)		
396		Occupant of special-use motor vehicle involved in any accident (V83-V86)		
397		Other and unspecified motor vehicle accidents (V09.0,V09.2,V80.3-V80.5,V82.0-V82.1,V87.0-V87.5,V87.7-V87.8,V88.0-V88.5,V88.7-V88.8,V89.0,V89.2)		
398		Streetcar accidents (V82.2-V82.9)		
399		Other and unspecified land transport accidents (V01,V06,V09.1,V09.3,V09.9,V10-V11,V16-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.7-V80.9,V87.9,V88.9,V89.1,V89.3,V89.9)		
400		Water transport accidents (V90-V94)		
401		Air and space transport accidents (V95-V97)		
402		Other and unspecified transport accidents and their sequelae (V98-V99,Y85)		
403	1	Falls (W00-W19)		
404		Fall on same level (W00-W09,W18)		
405		Fall from one level to another (W10-W17)		
406		Unspecified fall (W19)		
407		Accidental discharge of firearms (W32-W34) 408 explosion (W39-W40)		Accidental
409		Accidental drowning and submersion (W65-W74)		
410		Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78-W80)		

411 Other accidental and unspecified threats to breathing
(W75-W77,W81-W84)
412 Accidental exposure to electrical current (W85-W87)
413 Accidental exposure to radiation (W88-W91)
414 Accidental exposure to smoke, fire and flames (X00-X09)
415 Accidental contact with heat and hot substances (X10-X19)
416 Lightning (X33)
417 Earthquake, volcanic eruption, avalanche, landslide and other earth
movements (X34-X36)
418 Cataclysmic storm and flood (X37-X38)
419 1 Accidental poisoning and exposure to noxious substances (X40-X49)
Tenth Revision 358 Selected Causes of Death Adapted for use by DVS Page 9

ST: 1 = Subtotal Limited: Sex: 1 = Males; 2 = Females
Age: 1 = 5 and over; 2 = 10-54; 3 = 28 days and over;
4 = Under 1 year; 5 = 1-4 years; 6 = 1 year and over
7 = 10 years and over

***** Cause Subtotals are not identified in this file *****

358 S Limited
Recode T Sex Age Cause Title and ICD-10 Codes Included

420 Accidental poisoning by and exposure to drugs and other biological substances
(X40-X44)
421 Accidental poisoning by and exposure to other and unspecified solid or
liquids substances (X45-X46,X48-X49)
422 Accidental poisoning by and exposure to other gases and vapors (X47)
423 All other and unspecified accidents
(W20-W31,W35-W38,W41-W64,W92-W99,X20-X32,X39,X50-X59,Y86)
424 1 1 Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)
425 1 Intentional self-poisoning (suicide) by and exposure to drugs and
other biological substances (X60-X64)
426 1 Intentional self-poisoning (suicide) by and exposure to other and
unspecified solid or liquid substances and their vapors (X65-X66,X68-X69)
427 1 Intentional self-poisoning (suicide) by and exposure to other gases and
vapors (X67)
428 1 Intentional self-harm (suicide) by hanging, strangulation and suffocation
(X70)
429 1 Intentional self-harm (suicide) by discharge of firearms (X72-X74) 430
1 Intentional self-harm (suicide) by jumping from a high place (X80)
431 1 Intentional self-harm (suicide) by all other and unspecified means and
their sequelae (*U03,X71,X75-X79,X81-X84,X87.0)
432 1 Assault (homicide) (*U01-*U02,X85-Y09,X87.1)
433 Assault (homicide) by drugs, biological substances and other and unspecified
noxious substances (*U01.6-*U01.7,X85-X90)
434 Assault (homicide) by hanging, strangulation and suffocation (X91)
435 Assault (homicide) by discharge of firearms (*U01.4,X93-X95)
436 Assault (homicide) by sharp object (X99)
437 Assault (homicide) by blunt object (Y00)
438 Assault (homicide) by bodily force (Y04)
439 Sexual assault (homicide) by bodily force (Y05)
440 Neglect, abandonment and other maltreatment syndromes (Y06-Y07)
441 Assault (homicide) by all other and unspecified means and their sequelae
(*U01.0-*U01.3,*U01.5,*U01.8-*U01.9,*U02,X92,X96-X98, Y01-Y03,Y08-Y09,Y87.1)
442 1 Event of undetermined intent (Y10-Y34,Y87.2,Y89.9)
443 Poisoning by and exposure to drugs and biological substances, undetermined
intent (Y10-Y14)
444 Poisoning by and exposure to other and unspecified solid or liquid substance
undetermined intent (Y15-Y16,Y18-Y19)
445 Poisoning by and exposure to other gases and vapors, undetermined intent (Y17)
446 Discharge of firearms, undetermined intent (Y22-Y24)
447 Falling, jumping or pushed from a high place, undetermined intent (Y30)
448 All other and unspecified events of undetermined intent and their sequelae
(Y20-Y21,Y25-Y29,Y31-Y34,Y87.2,Y89.9)
449 1 Legal intervention (Y35,Y89.0)
450 Legal intervention (Y35.5)

451 Other legal intervention and their sequelae (Y35.0-Y35.4,Y35.6-Y35.7,Y89.0)
452 Operations of war and their sequelae (Y36,Y89.1)
453 1 Complications of medical and surgical care (Y40-Y84,Y88)
454 Drugs, medicaments and biological substances causing adverse effects in
therapeutic use and their sequelae (Y40-Y59,Y88.0)
455 Misadventures to patients during medical and surgical care and their sequelae
(Y60-Y69,Y88.1)
456 Other complications of medical and surgical care and their sequelae
(Y70-Y84,Y88.2-Y88.3)

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List of File Data Elements and Tape Locations

Data Items	Tape Locations
1. General	
a. Record Type	19
b. Resident status	20
c. Place of death and decedent's status	83
d. Day of week of death	85
e. Data year	102-105
2. Occurrence	
a. State (FIPS)	21-22
b. County (FIPS)	23-25
c. County Population size	28
3. Residence	
a. State (FIPS)	29-30
b. State/Country Recode	33-34
c. County (FIPS)	35-37
d. County Population size	51
4. The Decedent	
a. Month of Death	65-66
b. Sex	69
c. Race	445-450
d. Age	70-82
e. Marital status	84
f. State of birth	55-60
g. Hispanic origin	484-488
h. Education	61-64
5. Underlying Cause	
a. ICD-10 code	146-149
b. 358 cause recode	150-152
c. 113 cause recode	154-156
d. 130 cause recode	157-159
e. 39 cause recode	160-161
6. Multiple Conditions	
a. Entity-Axis conditions	
1. Number of	163-164
2. The conditions	165-304
b. Record-Axis conditions	
1. Number of	341-342
2. The conditions	344-443

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List of File Data Elements and Tape Locations

Data Items	Tape Locations
7. Other medical items	
a. Place of injury	145
b. Injury at work	106
c. Method of disposition	108
d. Autopsy	109
e. Activity code	144

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>																																										
1-18	18	<u>Reserved Positions</u> These positions are blank.																																										
19	1	<u>Record Type</u> <table border="0" style="margin-left: 20px;"> <tr> <td style="width: 5%;">1</td> <td style="width: 5%;">...</td> <td>RESIDENTS State and County of Occurrence and Residence are the same.</td> </tr> <tr> <td>2</td> <td>...</td> <td>NONRESIDENTS State and/or County of Occurrence and Residence are different.</td> </tr> </table>	1	...	RESIDENTS State and County of Occurrence and Residence are the same.	2	...	NONRESIDENTS State and/or County of Occurrence and Residence are different.																																				
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20	1	<u>Resident Status</u> <table border="0" style="margin-left: 20px;"> <tr> <td colspan="3">United States Occurrence</td> </tr> <tr> <td>1</td> <td>...</td> <td>RESIDENTS State and County of Occurrence and Residence are the same.</td> </tr> <tr> <td>2</td> <td>...</td> <td>INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different.</td> </tr> <tr> <td>3</td> <td>...</td> <td>INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S.</td> </tr> <tr> <td>4</td> <td>...</td> <td>FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.</td> </tr> <tr> <td colspan="3">Puerto Rico Occurrence</td> </tr> <tr> <td>1</td> <td>...</td> <td>RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</td> </tr> <tr> <td>2</td> <td>...</td> <td>INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</td> </tr> <tr> <td>3</td> <td>...</td> <td>INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</td> </tr> <tr> <td>4</td> <td>...</td> <td>FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.</td> </tr> <tr> <td colspan="3">Virgin Islands Occurrence</td> </tr> <tr> <td>1</td> <td>...</td> <td>RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</td> </tr> <tr> <td>2</td> <td>...</td> <td>INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</td> </tr> <tr> <td>3</td> <td>...</td> <td>INTERTERRITORY NONRESIDENTS: Territory of occurrence</td> </tr> </table>	United States Occurrence			1	...	RESIDENTS State and County of Occurrence and Residence are the same.	2	...	INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different.	3	...	INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S.	4	...	FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S.	Puerto Rico Occurrence			1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.	2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.	3	...	INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.	4	...	FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.	Virgin Islands Occurrence			1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.	2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.	3	...	INTERTERRITORY NONRESIDENTS: Territory of occurrence
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4 ... and residence are different, but both are a Territory.
 FOREIGN RESIDENTS
 Occurred in Virgin Islands to a resident of any other place.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
20	1	<u>Resident Status – Con.</u> Guam Occurrence 1 ... RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S. American Samoa Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place. Northern Marianas Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.
21-54 <u>CODES</u>	34	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC</u>

Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u> (NIST) publications. Some geographic codes have been changed to reflect the results of the 2000 Census.
21-28	8	<u>PLACE OF OCCURRENCE</u>
21-22 2		<u>State of Occurrence (FIPS) Puerto Rico</u> PR ... Puerto Rico Virgin Islands VI ... Virgin Islands Guam GU ... Guam American Samoa AS ... American Samoa Northern Marianas MP ... Northern Marianas
23-25	3	<u>County of Occurrence (FIPS)</u> Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 2000. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document. 001-999 ... Code range 999 ... County of less than 100,000 population
26-27	2	<u>Reserved Positions</u> These positions are blank.
28	1	<u>Population Size of County of Occurrence</u> Based on the results of the 2000 Census 0 ... County of 1,000,000 or more 1 ... County of 500,000 to 1,000,000 2 ... County of 250,000 to 500,000 3 ... County of 100,000 to 250,000 9 ... County of less than 100,000

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<u>Tape</u>	<u>Location</u>	<u>Size</u>	<u>Field</u> <u>Item and Code Outline</u>
29-54		24	<u>PLACE OF RESIDENCE</u>
			Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. Beginning with 2003 data, some areas started reporting additional codes for foreign residents.
29-30		2	<u>State of Residence (FIPS)</u>
			Territory Residents
			PR ... Puerto Rico
			VI ... Virgin Islands
			GU ... Guam AS ...
			American Samoa
			MP ... Northern Marianas
			Foreign residents
			CC ... Canada
			MX ... Mexico
			CU ... Cuba
			YY ... Remainder of the world
			Puerto Rico Occurrence
			PR ... Puerto Rico
			US, ZZ ... Foreign residents
			Virgin Islands Occurrence
			VI ... Virgin Islands
			US, ZZ ... Foreign residents
29-30		2	<u>State of Residence (FIPS) – Con.</u>
			Guam Occurrence
			GU ... Guam
			US ... U.S. resident. Also considered a resident of Guam.
			ZZ ... Foreign residents: refer to U.S. for specific code structure.
			American Samoa Occurrence
			AS ... American Samoa
			US, ZZ ... Foreign residents
			Northern Marianas Occurrence
			MP ... Northern Marianas
			US, ZZ ... Foreign residents

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
31-32	2	<u>Reserved Positions</u> These positions are blank.
33-34	2	<u>State/Country of Residence Recode</u> Territory residents PR ... Puerto Rico VI ... Virgin Islands GU ... Guam AS ... American Samoa MP ... Northern Marianas Foreign residents CC ... Canada MX ... Mexico CU ... Cuba YY ... Remainder of the world Puerto Rico Occurrence PR ... Puerto Rico US, ZZ ... Foreign residents. Virgin Islands Occurrence VI ... Virgin Islands US, ZZ ... Foreign residents.
33-34	2	<u>State/Country of Residence Recode – Con.</u> Guam Occurrence GU ... Guam US ... U.S. resident. Also considered a resident of Guam. ZZ ... Foreign residents. American Samoa Occurrence AS ... American Samoa US, ZZ ... Foreign residents. Northern Marianas Occurrence MP ... Northern Marianas US, ZZ ... Foreign residents.
35-37	3	<u>County of Residence (FIPS)</u> Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		population of 100,000 or more in 2000. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.
		000 ... Foreign residents
		001-nnn ... Code range
		999 ... County of less than 100,000 population
38-50	13	<u>Reserved Positions</u> These positions are blank.
51	1	<u>Population Size of County of Residence</u> Based on the results of the 2000 Census
		0 ... County of 1,000,000 or more
		1 ... County of 500,000 to 1,000,000
		2 ... County of 250,000 to 500,000
		3 ... County of 100,000 to 250,000
		9 ... County of less than 100,000 Z ... Foreign residents
52-58	7	<u>Reserved Positions</u> These positions are blank.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
59-60	2	<u>State/Country Birth Recode</u> Territory residents PR ... Puerto Rico VI ... Virgin Islands GU ... Guam AS ... American Samoa MP ... Northern Marianas Foreign residents US ... United States CC ... Canada MX ... Mexico CU ... Cuba YY ... Remainder of the world ZZ ... Unknown place of birth
61-64	4	EDUCATION
61-62	2	<u>Education (1989 revision)</u> 00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated
<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
63	1	<u>Education (2003 revision)</u> Field is blank for registration areas that are using the 1989 revision format of the item. 1 ... 8th grade or less 2 ... 9 - 12th grade, no diploma 3 ... high school graduate or GED completed 4 ... some college credit, but no degree

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		5	... Associate degree
		6	... Bachelor's degree
		7	... Master's degree
		8	... Doctorate or professional degree
		9	... Unknown
64	1		<u>Education reporting flag</u>
		0	... 1989 revision of education item on certificate
		1	... 2003 revision of education item on certificate
		2	... no education item on certificate
65-66	2		<u>Month of Death</u>
		01	... January
		02	... February
		03	... March
		04	... April
		05	... May
		06	... June
		07	... July
		08	... August
		09	... September
		10	... October
		11	... November
		12	... December
67-68	2		<u>Reserved Positions</u>
69	1		<u>Sex</u>
		M	... Male
		F	... Female
Tape			Field
<u>Location</u>	<u>Size</u>		<u>Item and Code Outline</u>
70-82	13		<u>REPORTED AGE</u>
70-73	4		<u>Detail Age</u>

Four positions are used to code detail age. Location 70 identifies age in years, months, days, etc. Locations 71-73 are the number of years, months, days, etc.

1	001-135,999	... Years
2	001-011,999	... Months
4	001-027,999	... Days
5	001-023,999	... Hours
6	001-059,999	... Minutes
9	999	... Age not stated

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74	1	<u>Age Substitution Flag</u>
		If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.
		Blank ... Calculated age is not substituted for reported age
		1 ... Calculated age is substituted for reported age
75-76	2	<u>Age Recode 52</u>
		01 ... Under 1 hour (includes not stated hours and minutes)
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7 - 13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months 15 ... 4 months 16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
<u>Tape</u>		Field
<u>Location</u>	<u>Size</u>	<u>Item and Code Outline</u>
75-76	2	<u>Age Recode 52 – Con.</u>
		23 ... 1 year
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
		27 ... 5 - 9 years
		28 ... 10 - 14 years 29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years

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33	... 35 - 39 years
34	... 40 - 44 years
35	... 45 - 49 years
36	... 50 - 54 years
37	... 55 - 59 years
38	... 60 - 64 years
39	... 65 - 69 years
40	... 70 - 74 years
41	... 75 - 79 years
42	... 80 - 84 years
43	... 85 - 89 years
44	... 90 - 94 years
45	... 95 - 99 years
46	... 100 - 104 years
47	... 105 - 109 years
48	... 110 - 114 years
49	... 115 - 119 years
50	... 120 - 124 years
51	... 125 years and over
52	... Age not stated

<u>Tape</u>	<u>Size</u>	<u>Field</u>
<u>Location</u>		<u>Item and Code Outline</u>

77-78	2	<u>Age Recode 27</u>
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01	... Under 1 month (includes not stated weeks, days, hours, and minutes)
02	... 1 month - 11 months (includes not stated months)
03	... 1 year
04	... 2 years 05 ... 3 years
06	... 4 years
07	... 5 - 9 years
08	... 10 - 14 years
09	... 15 - 19 years
10	... 20 - 24 years
11	... 25 - 29 years
12	... 30 - 34 years
13	... 35 - 39 years
14	... 40 - 44 years
15	... 45 - 49 years
16	... 50 - 54 years
17	... 55 - 59 years
18	... 60 - 64 years
19	... 65 - 69 years
20	... 70 - 74 years
21	... 75 - 79 years
22	... 80 - 84 years
23	... 85 - 89 years
24	... 90 - 94 years
25	... 95 - 99 years

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		26	...	100 years and over
		27	...	Age not stated
79-80	2	<u>Age Recode 12</u>		
		01	...	Under 1 year (includes not stated infant ages)
		02	...	1 - 4 years
		03	...	5 - 14 years
		04	...	15 - 24 years
		05	...	25 - 34 years
		06	...	35 - 44 years
		07	...	45 - 54 years
		08	...	55 - 64 years
		09	...	65 - 74 years
		10	...	75 - 84 years
		11	...	85 years and over
		12	...	Age not stated
<u>Tape</u>		Field		
<u>Location</u>	<u>Size</u>	<u>Item and Code Outline</u>		
81-82	2	<u>Infant Age Recode 22</u>		
		Blank	...	Age 1 year and over or not stated
		01	...	Under 1 hour (includes not stated hours and minutes)
		02	...	1 - 23 hours
		03	...	1 day (includes not stated days)
		04	...	2 days
		05	...	3 days
		06	...	4 days
		07	...	5 days
		08	...	6 days
		09	...	7-13 days (includes not stated weeks)
		10	...	14 - 20 days
		11	...	21 - 27 days
		12	...	1 month (includes not stated months)
		13	...	2 months
		14	...	3 months
		15	...	4 months
		16	...	5 months
		17	...	6 months
		18	...	7 months
		19	...	8 months
		20	...	9 months
		21	...	10 months
		22	...	11 months
83	1	<u>Place of Death and Decedent's Status</u>		

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1	...	Hospital, clinic or Medical Center - Inpatient
2	...	Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Room
3	...	Hospital, Clinic or Medical Center - Dead on Arrival
4	...	Decedent's home
5	...	Hospice facility
6	...	Nursing home/long term care
7	...	Other
9	...	Place of death unknown

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1

Marital Status

S	...	Never married, single M
	...	Married
W ...	Widowed	D ...
	Divorced	
U	...	Marital Status unknown

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
85	1	<u>Day of Week of Death</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday 9 ... Unknown
86-101	16	<u>Reserved Position</u> This position is blank.
102-105	4	<u>Current Data Year</u> 2016 ... 2016
106	1	<u>Injury at Work</u> Y ... Yes N ... No U ... Unknown
107	1	<u>Manner of Death</u> 1 ... Accident 2 ... Suicide 3 ... Homicide 4 ... Pending investigation 5 ... Could not determine 6 ... Self-Inflicted 7 ... Natural Blank ... Not specified
108	1	<u>Method of Disposition</u> B ... Burial C ... Cremation O ... Other U ... Unknown

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
109	1	<u>Autopsy</u> Y ... Yes N ... No U ... Unknown
110-143	34	<u>Reserved Position</u> This position is blank.
144	1	<u>Activity Code</u> 0 ... While engaged in sports activity 1 ... While engaged in leisure activity 2 ... While working for income 3 ... While engaged in other types of work 4 ... While resting, sleeping, eating (vital activities) 8 ... While engaged in other specified activities 9 ... During unspecified activity Blank ... Not applicable
145	1	<u>Place of Injury for Causes W00-Y34, except Y06.- and Y07.-</u> 0 ... Home 1 ... Residential institution 2 ... School, other institution and public administrative area 3 ... Sports and athletics area 4 ... Street and highway 5 ... Trade and service area 6 ... Industrial and construction area 7 ... Farm 8 ... Other Specified Places 9 ... Unspecified place Blank ... Causes other than W00-Y34, except Y06.- and Y07.-
146-162 18 <u>UNDERLYING CAUSE OF DEATH</u> 146-149 4 <u>ICD</u>		
<u>Code (10th Revision)</u>		
See the <u>International Classification of Diseases</u> , 2004 Revision, Volume 1.		
150-152	3	<u>358 Cause Recode</u> A recode of the ICD cause code into 358 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 001-456 ... Code range (not inclusive)
153	1	<u>Reserved Position</u>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
154-156	3	<p>This position is blank.</p> <p><u>113 Cause Recode</u></p> <p>A recode of the ICD cause code into 113 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.</p> <p>001-135 ... Code range (not inclusive)</p>
157-159	3	<p><u>130 Infant Cause Recode</u></p> <p>A recode of the ICD cause code into 130 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. Beginning in 2002 non-infant records are blank in this field.</p> <p>001-158 ... Code range (not inclusive)</p>
160-161	2	<p><u>39 Cause Recode</u></p> <p>A recode of the ICD cause code into 39 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.</p> <p>01-42 ... Code range (not inclusive)</p>
162	1	<p><u>Reserved Position</u></p> <p>This position is blank.</p>
163-443	281	<p><u>MULTIPLE CONDITIONS</u></p>
163-164	2	<p><u>Number of Entity-Axis Conditions</u></p> <p>00-20 ... Code range</p>
165-304	140	<p><u>ENTITY-AXIS CONDITIONS</u></p> <p>Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. The 7th position will be blank. Records that do not have 20 conditions are blank in the unused area.</p> <p>Position 1: Part/line number on certificate</p> <p>1 ... Part I, line 1 (a)</p> <p>2 ... Part I, line 2 (b) 3 ... Part I, line 3 (c)</p> <p>4 ... Part I, line 4 (d)</p> <p>5 ... Part I, line 5 (e)</p> <p>6 ... Part II</p>
165-304	140	<p><u>ENTITY-AXIS CONDITIONS – Con.</u></p>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		Position 2: Sequence of condition within part/line
		1-7 ... Code range
		Position 3 - 6: Condition code
		See Table 1 for a complete list of codes
165-171	7	1 st Condition
172-178	7	2 nd Condition
179-185	7	3 rd Condition
186-192	7	4 th Condition
193-199	7	5 th Condition
200-206	7	6 th Condition
207-213	7	7 th Condition
214-220	7	8 th Condition
221-227	7	9 th Condition
228-234	7	10 th Condition
235-241	7	11 th Condition
242-248	7	12 th Condition
249-255	7	13 th Condition
256-262	7	14 th Condition
263-269	7	15 th Condition
270-276	7	16 th Condition
277-283	7	17 th Condition
284-290	7	18 th Condition
291-297	7	19 th Condition
298-304	7	20 th Condition
305-340	36	<u>Reserved Positions</u>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
341-342	2	<u>Number of Record-Axis Conditions</u> 00-20 ... Code range
343	1	<u>Reserved Position</u> This position is blank.
344-443	100	<u>RECORD-AXIS CONDITIONS</u> Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. The 5 th position will be blank. Records that do not have 20 conditions are blank in the unused area. Positions 1 - 4: Condition Code See Table 1 for a complete list of codes
344-348	5	1 st Condition
349-353	5	2 nd Condition
354-358	5	3 rd Condition
359-363	5	4 th Condition
364-368	5	5 th Condition
369-373	5	6 th Condition
374-378	5	7 th Condition
379-383	5	8 th Condition
384-388	5	9 th Condition
389-393	5	10 th Condition
394-398	5	11 th Condition
399-403	5	12 th Condition
344-443	100	<u>RECORD-AXIS CONDITIONS – Con.</u>
404-408	5	13 th Condition
409-413	5	14 th Condition
414-418	5	15 th Condition

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
419-433	5	16 th Condition
424-428	5	17 th Condition
429-433	5	18 th Condition
434-438	5	19 th Condition
439-443	5	20 th Condition
444	1	<u>Reserved position</u> This position is blank.
445-482	38	<u>RACE</u>
445-446	2	<u>Race</u>

This item is: a) the reported race for States that are reporting single race or b) the bridged race for States that are reporting multiple race. Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Code 78 replaces old 08 for all other areas. For consistency with Census races, the category all other races has been imputed.

US Occurrence

- 01 ... White
- 02 ... Black
- 03 ... American Indian (includes Aleuts and Eskimos)
- 04 ... Chinese
- 05 ... Japanese
- 06 ... Hawaiian (includes Part-Hawaiian)
- 07 ... Filipino
- 18 ... Asian Indian
- 28 ... Korean
- 38 ... Samoan
- 48 ... Vietnamese
- 58 ... Guamanian
- 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58
- 78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

445-446	2	<u>Race- Con.</u>
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Puerto Rico Occurrence

- 00 ... Other races
- 01 ... White
- 02 ... Black

2016
Mortality Multiple Cause-of-Death Public Use Record
Territories File

<u>Tape</u>	<u>Location</u>	<u>Size</u>	<u>Field</u> <u>Item and Code Outline</u>
			Virgin Islands Occurrence
			01 ... White
			02 ... Black
			03 ... American Indian (includes Aleuts and Eskimos)
			04 ... Chinese
			05 ... Japanese
			06 ... Hawaiian (includes Part-Hawaiian)
			07 ... Filipino
			08 ... Other Asian or Pacific Islander
			Guam Occurrence
			01 ... White
			02 ... Black
			03 ... American Indian (Includes Aleuts and Eskimos)
			04 ... Chinese
			05 ... Japanese
			06 ... Hawaiian (includes Part-Hawaiian)
			07 ... Filipino
			08 ... Other Asian or Pacific Islander
			58 ... Guamanian
			American Samoa Occurrence
			01 ... White
			02 ... Black
			03 ... American Indian (includes Aleuts and Eskimos)
			04 ... Chinese
			05 ... Japanese
			06 ... Hawaiian (includes Part-Hawaiian)
			07 ... Filipino
			08 ... Other Asian or Pacific Islander
			Northern Marianas Occurrence
			01 ... White
			02 ... Black
			03 ... American Indian (includes Aleuts and Eskimos)
			04 ... Chinese
			05 ... Japanese
			06 ... Hawaiian (includes Part-Hawaiian)
445-446		2	<u>Race- Con.</u>
			07 ... Filipino
			18 ... Asian Indian
			28 ... Korean
			38 ... Samoan
			48 ... Vietnamese

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
		58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately
447	1	<u>Bridged Race Flag</u> Blank ... Race is not bridged 1 ... Race is bridged
448	1	<u>Race Imputation Flag</u> Blank ... Race is not imputed 1 ... Unknown race is imputed 2 ... All other races is imputed
449	1	<u>Race Recode 3</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
450	1	<u>Race Recode 5</u> 0 ... Other (Puerto Rico only) 1 ... White 2 ... Black 3 ... American Indian 4 ... Asian or Pacific Islander
451-483	33	<u>Reserved Positions</u> These positions are blank.
484-486	3	<u>Hispanic Origin</u> 100-199 ... Non-Hispanic 200-209 ... Spaniard 210-219 ... Mexican 260-269 ... Puerto Rican 270-274 ... Cuban 275-279 ... Dominican 220 ... Central and South American 221-230 ... Central American 231-249 ... South American 250-259 ... Latin American 280-299 ... Other Hispanic 996-999 ... Unknown

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
487	1	<u>Reserved Position</u> This position is blank.
488	1	<u>Hispanic Origin/Race Recode</u>
	1	... Mexican
	2	... Puerto Rican
	3	... Cuban
	4	... Central or South American
	5	... Other or unknown Hispanic
	6	... Non - Hispanic white
	7	... Non - Hispanic black
	8	... Non - Hispanic other races
	9	... Hispanic origin unknown

Vital Statistics Geographic Code Outline For Puerto Rico,
Virgin Islands, Guam, American Samoa and Northern Marianas
Effective with 2003 Data

Camuy 027 0470	015 006 1 999	Canovanas 029 7440	016 006
1 999	Carolina 031 7440	017 006 1 999	Catano 033 7440
018 003 1 999	Cayey 035 1310		
019 006 1 999	Ceiba		037 7440
020 000 2 999	Ciales 039 0000	021 003 1 999	
Cidra 041 1310	022 000 2 999	Coamo 043 0000	
023 006 1 999	Comerio		045 7440
024 006 1 999	Corozal		047 7440
025 000 2 999	Culebra 049 0000	026 006 1 999	
Dorado 051 7440	027 006 1 999	Fajardo 053 7440	028
006 1 999	Florida 054 7440		
029 000 2 999	Guanica		055 0000
030 000 2 999	Guayama		057 0000
031 005 1 999	Guayanilla		059 6360
032 006 1 999	Guaynabo 061 7440	033 003 1 999	
Gurabo 063 1310			
034 002 1 999	Hatillo 065 0470	035 004 1 999	
Hormigueros 067 4840	036 006 1 999	Humacao 069 7440	
037 000 2 999	Isabela 071 0000	038 000 2 999	Jayuya
073 0000	039 005 1 999	Juana Diaz 075 6360	040 006 1 999
Juncos 077 7440	041 000 2 999	Lajas 079 0000	
042 000 2 999	Lares 081 0000	043 000 2 999	Las
Marias 083 0000	044 006 1 999	Las Piedras 085 7440	
045 006 1 999	Loiza		087 7440
046 006 1 999	Luquillo 089 7440	047 006 1 999	
Manati 091 7440	048 000 2 999	Maricao 093 0000	
049 000 2 999	Maunabo 095 0000	050 004 1 999	
Mayaguez 097 4840	051 001 1 999	Moca 099 0060	052 006
1 999	Morovis 101 7440		
053 006 1 999	Naguabo 103 7440	054 006 1 999	
Naranjito 105 7440	055 000 2 999	Orocovis 107 0000	
056 000 2 999	Patillas		109 0000
057 005 1 999	Penuelas		111 6360
058 005 1 999	Ponce		113 6360
059 000 2 999	Quebradillas 115 0000	060 000 2 999	
Rincon 117 0000	061 006 1 999	Rio Grande 119 7440	062 004
1 999	Sabana Grande 121 4840		
063 000 2 999	Salinas		123 0000
064 004 1 999	San German 125 4840	065 006 1 999	
San Juan 127 7440	066 003 1 999	San Lorenzo 129 1310	067
000 2 999	San Sebastian 131 0000	068 000 2 999	
Santa Isabel 133 0000	069 006 1 999	Toa Alta 135 7440	
070 006 1 999	Toa Baja 137 7440	071 006 1 999	
Trujillo Alto 139 7440			
072 000 2 999	Utuaado		141 0000
073 006 1 999	Vega Alta		143 7440
074 006 1 999	Vega Baja 145 7440		
FIPS Codes		Vital Statistics Codes	
St Cnty P/MSA M/NM City	Area Names	St Cnty P/MSA Place	
PR	Puerto Rico	PR	
075 000 2 999	Vieques	147 0000	
076 005 1 999	Villalba	149 6360	
077 006 1 999	Yabucoa	151 7440	
078 005 1 999	Yauco	153 6360	
VI	Virgin Islands	VI	
001 000 2 999	St. Croix	010 0000	
002 000 2 999	St. John	020 0000	
003 000 2	St. Thomas	030 0000	
001	Charlotte Amalie	99999	
999	Balance of area	99999	

Vital Statistics Geographic Code Outline For Puerto Rico,
 Virgin Islands, Guam, American Samoa and Northern Marianas
 Effective with 2003 Data

GU	000	000	2		Guam	GU		
				000	Guam		010	0000
					Guam			99999
CC	ZZZ	ZZZ	Z	ZZZ	Canada	CC	000	0000 00000
CU	ZZZ	ZZZ	Z	ZZZ	Cuba	CU	000	0000 00000
MX	ZZZ	ZZZ	Z	ZZZ	Mexico	MX	000	0000 00000
YY	ZZZ	ZZZ	Z	ZZZ	Remainder of World	YY	000	0000 00000
AS	000	000	2		American Samoa	AS		
				000	American Samoa		000	0000
					American Samoa			99999
MP	000	000	2		Northern Marianas	MP		
				000	Northern Marianas		000	0000
					Northern Marianas			99999