

2007 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 2007 at http://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf for other notes about the file.

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<u>Tape Location</u>	<u>Field Size</u>	<u>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 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.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
20	1	<u>Resident Status- Con.</u> <u>Virgin Islands Occurrence</u>
	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 Virgin Islands to a resident of any other place.
		<u>Guam Occurrence</u>
	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.
		<u>American Samoa Occurrence</u>
	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.
		<u>Northern Marianas Occurrence</u>
	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.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-60	40	<u>Reserved Positions</u> These positions are blank.
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

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

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<u>Tape Location</u>	<u>Field Size</u>	<u>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
		48 ... 110 - 114 years
		49 ... 115 - 119 years

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
75-76	2	<u>Age Recode 52- Con.</u> 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 years 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>Field 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>
		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>Field Size</u>	<u>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	13	Reserved Positions
102-105	4	<u>Current Data Year</u> 2007 ...2007
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>Field Size</u>	<u>Item and Code Outline</u>
109	1	<u>Autopsy</u> Y ... Yes N ... No U ... Unknown
110-143	34	<u>Reserved Positions</u>
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 Code (10th Revision)</u> See the <u>International Classification of Diseases</u> , 1992 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 Positions</u>

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																		
154-156	3	<u>113 Cause Recode</u> 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. 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																		

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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
165-304	140	<u>ENTITY - AXIS CONDITIONS – Con.</u>
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> 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

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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
445-446	2	<u>Race- Con.</u> 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 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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
445-446	2	06 ... Hawaiian (includes Part-Hawaiian) <u>Race- Con.</u>
		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 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>

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

39 S Limited

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

001			Tuberculosis (A16-A19)
002			Syphilis (A50-A53)
003			Human immunodeficiency virus (HIV) disease (B20-B24)
004	1		Malignant neoplasms (C00-C97)
005			Malignant neoplasm of stomach (C16)
006			Malignant neoplasms of colon, rectum and anus (C18-C21)
007			Malignant neoplasm of pancreas (C25)
008			Malignant neoplasms of trachea, bronchus and lung (C33-C34)
009			Malignant neoplasm of breast (C50)
010	2		Malignant neoplasms of cervix uteri, corpus uteri and ovary (C53-C56)
011	1		Malignant neoplasm of prostate (C61)
012			Malignant neoplasms of urinary tract (C64-C68)
013			Non-Hodgkin's lymphoma (C82-C85)
014			Leukemia (C91-C95)
015			Other malignant neoplasms (C00-C15,C17,C22-C24,C26-C32,C37-C49,C51-C52, C57-C60,C62-C63,C69-C81,C88,C90,C96-C97)
016		3	Diabetes mellitus (E10-E14)
017			Alzheimer's disease (G30)
018	1		Major cardiovascular diseases (I00-I78)
019	1		Diseases of heart (I00-I09,I11,I13,I20-I51)
020			Hypertensive heart disease with or without renal disease (I11,I13)
021			Ischemic heart diseases (I20-I25)
022			Other diseases of heart (I00-I09,I26-I51)
023			Essential (primary) hypertension and hypertensive renal disease (I10,I12)
024			Cerebrovascular diseases (I60-I69)
025			Atherosclerosis (I70)
026			Other diseases of circulatory system (I71-I78)
027			Influenza and pneumonia (J10-J18)
028			Chronic lower respiratory diseases (J40-J47)
029			Peptic ulcer (K25-K28)
030			Chronic liver disease and cirrhosis (K70,K73-K74)
031			Nephritis, nephrotic syndrome, and nephrosis (N00-N07,N17-N19,N25-N27)
032	2	7	Pregnancy, childbirth and the puerperium (O00-O99)
033			Certain conditions originating in the perinatal period (P00-P96)
034			Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
035		4	Sudden infant death syndrome (R95)
036			Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome) (R00-R94,R96-R99)
037			All other diseases (Residual) (A00-A09,A20-A49,A54-B19,B25-B99,D00-E07, E15-G25,G31-H93,I80-J06,J20-J39,J60-K22,K29-K66,K71-K72, K75-M99,N10-N15,N20-N23,N28-N98)
038			Motor vehicle accidents (V02-V04,V09.0,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)
039			All other and unspecified accidents and adverse effects (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9, V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1, V89.3,V89.9,V90-X59,Y40-Y86,Y88)
040		1	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)
041			Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)
042			All other external causes (Y10-Y36,Y87.2,Y89)

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

113	S Limited	Recode	T Sex Age	Cause Title and ICD-10 Codes Included
001				Salmonella infections (A01-A02)
002				Shigellosis and amebiasis (A03,A06)
003				Certain other intestinal infections (A04,A07-A09)
004		1		Tuberculosis (A16-A19)
005				Respiratory tuberculosis (A16)
006				Other tuberculosis (A17-A19)
007				Whooping cough (A37)
008				Scarlet fever and erysipelas (A38,A46)
009				Meningococcal infection (A39)
010		3		Septicemia (A40-A41)
011				Syphilis (A50-A53)
012				Acute poliomyelitis (A80)
013				Arthropod-borne viral encephalitis (A83-A84,A85.2)
014				Measles (B05)
015				Viral hepatitis (B15-B19)
016				Human immunodeficiency virus (HIV) disease (B20-B24)
017				Malaria (B50-B54)
018				Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8, A86-B04,B06-B09,B25-B49,B55-B99)
019		1		Malignant neoplasms (C00-C97)
020				Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)
021				Malignant neoplasm of esophagus (C15)
022				Malignant neoplasm of stomach (C16)
023				Malignant neoplasms of colon, rectum and anus (C18-C21)
024				Malignant neoplasms of liver and intrahepatic bile ducts (C22)
025				Malignant neoplasm of pancreas (C25)
026				Malignant neoplasm of larynx (C32)
027				Malignant neoplasms of trachea, bronchus and lung (C33-C34)
028				Malignant melanoma of skin (C43)
029				Malignant neoplasm of breast (C50)
030		2		Malignant neoplasm of cervix uteri (C53)
031		2		Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)
032		2		Malignant neoplasm of ovary (C56)
033		1		Malignant neoplasm of prostate (C61)
034				Malignant neoplasms of kidney and renal pelvis (C64-C65)
035				Malignant neoplasm of bladder (C67)
036				Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)
037		1		Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)
038				Hodgkin's disease (C81)
039				Non-Hodgkin's lymphoma (C82-C85)
040				Leukemia (C91-C95)
041				Multiple myeloma and immunoproliferative neoplasms (C88,C90)
042				Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)
043				All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41, C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)
044				In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)
045				Anemias (D50-D64)
046		3		Diabetes mellitus (E10-E14)
047				Nutritional deficiencies (E40-E64)
048				Malnutrition (E40-E46)
049				Other nutritional deficiencies (E50-E64)
050				Meningitis (G00,G03)
051				Parkinson's disease (G20-G21)
052				Alzheimer's disease (G30)
053		1		Major cardiovascular diseases (I00-I78)
054		1		Diseases of heart (I00-I09,I11,I13,I20-I51)
055				Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)
056				Hypertensive heart disease (I11)
057				Hypertensive heart and renal disease (I13)

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

001 1 Certain infectious and parasitic diseases (A00-B99)
 002 Certain intestinal infectious diseases (A00-A08)
 003 Diarrhea and gastroenteritis of infectious origin (A09)
 004 Tuberculosis (A16-A19)
 005 Tetanus (A33,A35)
 006 Diphtheria (A36)
 007 Whooping cough (A37)
 008 Meningococcal infection (A39)
 009 3 Septicemia (A40-A41)
 010 Congenital syphilis (A50)
 011 Gonococcal infection (A54)
 012 1 Viral diseases (A80-B34)
 013 Acute poliomyelitis (A80)
 014 Varicella (chickenpox) (B01)
 015 Measles (B05)
 016 Human immunodeficiency virus (HIV) disease (B20-B24)
 017 Mumps (B26)
 018 Other and unspecified viral diseases (A81-B00,B02-B04,B06-B19,B25,B27-B34)
 019 Candidiasis (B37)
 020 Malaria (B50-B54)
 021 Pneumocystosis (B59)
 022 All other and unspecified infectious and parasitic diseases
 (A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36,B38-B49,B55-B58,B60-B99)
 023 1 Neoplasms (C00-D48)
 024 1 Malignant neoplasms (C00-C97)
 025 Hodgkin's disease and non-Hodgkin's lymphomas (C81-C85)
 026 Leukemia (C91-C95)
 027 Other and unspecified malignant neoplasms (C00-C80,C88,C90,C96-C97)
 028 In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown
 behavior (D00-D48)
 029 1 Diseases of the blood and blood-forming organs and certain disorders involving
 the immune mechanism (D50-D89)
 030 Anemias (D50-D64)
 031 Hemorrhagic conditions and other diseases of blood and blood-forming organs
 (D65-D76)
 032 Certain disorders involving the immune mechanism (D80-D89)
 033 1 Endocrine, nutritional and metabolic diseases (E00-E88)
 034 Short stature, not elsewhere classified (E34.3)
 035 Nutritional deficiencies (E40-E64)
 036 Cystic fibrosis (E84)
 037 3 Volume depletion, disorders of fluid, electrolyte and acid-base balance
 (E86-E87)
 038 All other endocrine, nutritional and metabolic diseases
 (E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)
 039 1 Diseases of the nervous system (G00-G98)
 040 Meningitis (G00,G03)
 041 Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) (G12.0)
 042 Infantile cerebral palsy (G80)
 043 Anoxic brain damage, not elsewhere classified (G93.1)
 044 Other diseases of nervous system
 (G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)
 045 Diseases of the ear and mastoid process (H60-H93)
 046 1 Diseases of the circulatory system (I00-I99)
 047 Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)
 048 Pericarditis, endocarditis and myocarditis (I30,I33,I40)
 049 Cardiomyopathy (I42)
 050 Cardiac arrest (I46)
 051 Cerebrovascular diseases (I60-I69)
 052 All other diseases of circulatory system (I00-I25,I31,I34-I38,I44-I45,I47-I51,
 I70-I99)
 053 1 Diseases of the respiratory system (J00-J98)
 054 Acute upper respiratory infections (J00-J06)
 055 1 Influenza and pneumonia (J10-J18)

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130 S Limited
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056				Influenza (J10-J11)
057				Pneumonia (J12-J18)
058				Acute bronchitis and acute bronchiolitis (J20-J21)
059				Bronchitis, chronic and unspecified (J40-J42)
060				Asthma (J45-J46)
061				Pneumonitis due to solids and liquids (J69)
062				Other and unspecified diseases of respiratory system (J22,J30-J39,J43-J44,J47-J68,J70-J98)
063	1			Diseases of the digestive system (K00-K92)
064				Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50-K55)
065				Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)
066				All other and unspecified diseases of digestive system (K00-K28,K30-K38,K57-K92)
067	1			Diseases of the genitourinary system (N00-N95)
068				Renal failure and other disorders of kidney (N17-N19,N25,N27)
069				Other and unspecified diseases of genitourinary system (N00-N15,N20-N23,N26,N28-N95)
070	1			Certain conditions originating in the perinatal period (P00-P96)
071	1			Newborn affected by maternal factors and by complications of pregnancy, labor and delivery (P00-P04)
072				Newborn affected by maternal hypertensive disorders (P00.0)
073				Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1-P00.9)
074	1			Newborn affected by maternal complications of pregnancy (P01)
075				Newborn affected by incompetent cervix (P01.0)
076				Newborn affected by premature rupture of membranes (P01.1)
077				Newborn affected by multiple pregnancy (P01.5)
078				Newborn affected by other maternal complications of pregnancy (P01.2-P01.4,P01.6-P01.9)
079	1			Newborn affected by complications of placenta, cord and membranes (P02)
080				Newborn affected by complications involving placenta (P02.0-P02.3)
081				Newborn affected by complications involving cord (P02.4-P02.6)
082				Newborn affected by chorioamnionitis (P02.7)
083				Newborn affected by other and unspecified abnormalities of membranes (P02.8-P02.9)
084				Newborn affected by other complications of labor and delivery (P03)
085				Newborn affected by noxious influences transmitted via placenta or breast milk (P04)
086	1			Disorders related to length of gestation and fetal malnutrition (P05-P08)
087				Slow fetal growth and fetal malnutrition (P05)
088	1			Disorders related to short gestation and low birthweight, not elsewhere classified (P07)
089				Extremely low birthweight or extreme immaturity (P07.0,P07.2)
090				Other low birthweight or preterm (P07.1,P07.3)
091				Disorders related to long gestation and high birthweight (P08)
092				Birth trauma (P10-P15)
093	1			Intrauterine hypoxia and birth asphyxia (P20-P21)
094				Intrauterine hypoxia (P20)
095				Birth asphyxia (P21)
096				Respiratory distress of newborn (P22)
097	1			Other respiratory conditions originating in the perinatal period (P23-P28)
098				Congenital pneumonia (P23)
099				Neonatal aspiration syndromes (P24)
100				Interstitial emphysema and related conditions originating in the perinatal period (P25)
101				Pulmonary hemorrhage originating in the perinatal period (P26)
102				Chronic respiratory disease originating in the perinatal period (P27)
103				Atelectasis (P28.0-P28.1)
104				All other respiratory conditions originating in the perinatal period (P28.2-P28.9)
105	1			Infections specific to the perinatal period (P35-P39)
106				Bacterial sepsis of newborn (P36)
107				Omphalitis of newborn with or without mild hemorrhage (P38)

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

Table with columns for ICD-10 codes (108-157), sex/age indicators (1), and descriptive titles of causes of infant death such as 'All other infections specific to the perinatal period', 'Congenital malformations', and 'Symptoms, signs and abnormal clinical findings'.

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

158 Other external causes (Y10-Y36)

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358 Recode	S T	Limited Sex Age	Cause Title and ICD-10 Codes Included
001	1		I. Certain infectious and parasitic diseases (A00-B99)
002	1		Intestinal infectious diseases (A00-A09)
003			Cholera (A00)
004	1		Other intestinal infectious diseases (A01-A08)
005			Typhoid fever (A01.0)
006			Paratyphoid fevers and other salmonella infections (A01.1-A01.4,A02)
007			Shigellosis (A03)
008			Other bacterial food-borne intoxications (A05)
009			Amebiasis (A06)
010			Intestinal infections due to other specified organisms (A04,A07-A08)
011			Diarrhea and gastroenteritis of infectious origin (A09)
012	1		Tuberculosis (A16-A19)
013			Respiratory tuberculosis (A16)
014			Other tuberculosis (A17-A19)
015	1		Zoonotic and other bacterial diseases (A20-A49)
016			Plague (A20)
017			Brucellosis (A23)
018			Tetanus (A33-A35)
019			Diphtheria (A36)
020			Whooping cough (A37)
021			Scarlet fever and erysipelas (A38,A46)
022			Meningococcal infection (A39)
023	3		Septicemia (A40-A41)
024			Other zoonotic and bacterial diseases (A21-A22,A24-A32,A42-A44, A48-A49)
025	1		Infections with a predominately sexual mode of transmission (A50-A64)
026	1		Syphilis (A50-A53)
027			Cardiovascular syphilis (A52.0)
028			Neurosyphilis (A52.1-A52.3)
029			Other and unspecified syphilis (A50-A51,A52.7-A52.9,A53)
030			Gonococcal infection (A54)
031			Other infections with a predominately sexual mode of transmission (A55-A64)
032	1		Other infections caused by spirochetes, chlamydia or rickettsia (A65-A79)
033			Lyme disease (A69.2)
034			Typhus fever (A75)
035			All other infections caused by spirochetes, chlamydia or rickettsia (A65-A68,A69.0-A69.1,A69.8-A69.9,A70-A74,A77-A79)
036	1		Viral diseases (A80-B34)
037			Acute poliomyelitis (A80)
038			Rabies (A82)
039			Arthropod-borne viral encephalitis (A83-A84,A85.2)
040			Yellow fever (A95)
041			Other and unspecified arthropod-borne viral and hemorrhagic fevers (A90-A94,A96-A99)
042			Herpesviral (herpes simplex) infections (B00)
043			Zoster (herpes zoster) (B02)
044			Smallpox (B03)
045			Measles (B05)
046			Rubella (German measles) (B06)
047			Viral hepatitis (B15-B19)
048	1		Human immunodeficiency virus (HIV) disease (B20-B24)
049			Human immunodeficiency virus (HIV) disease resulting in infectious and parasitic diseases (B20)
050			Human immunodeficiency virus (HIV) disease resulting in malignant neoplasms (B21)
051			Human immunodeficiency virus (HIV) disease resulting in other specified diseases (B22)
052			Human immunodeficiency virus (HIV) disease resulting in other conditions (B23)
053			Unspecified human immunodeficiency virus (HIV) disease (B24)
054			All other and unspecified viral diseases (A81,A85.0-A85.1,A85.8,

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358 Recode	S T	Limited Sex Age	Cause Title and ICD-10 Codes Included
112	1	1	Malignant neoplasms of male genital organs (C60-C63)
113		1	Of prostate (C61)
114		1	Of testis (C62)
115		1	Of penis and other and unspecified male genital organs (C60,C63)
116	1		Malignant neoplasms of urinary tract (C64-C68)
117			Of kidney and renal pelvis (C64-C65)
118			Of bladder (C67)
119			Of other and unspecified sites within the urinary tract (C66,C68)
120			Malignant neoplasm of eye and adnexa (C69)
121	1		Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)
122			Of brain (C71)
123			Of other parts of central nervous system (C70,C72)
124			Malignant neoplasms of thyroid and other endocrine glands (C73-C75)
125			Other malignant neoplasms of other and unspecified sites (C76-C80,C97)
126	1		Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)
127			Hodgkin=s disease (C81)
128	1		Of other lymphoid, hematopoietic and related tissue (C82-C85,C96)
129			Non-Hodgkin=s lymphoma (C82-C85)
130			Of other and unspecified lymphoid, hematopoietic and related tissue (C96)
131			Malignant immunoproliferative diseases (C88)
132			Multiple myeloma and malignant plasma cell neoplasms (C90)
133	1		Leukemia (C91-C95)
134			Lymphoid leukemia (C91)
135			Myeloid leukemia (C92)
136			Monocytic leukemia (C93)
137			Other and unspecified leukemia (C94-C95)
138	1		In situ neoplasms (D00-D09)
139			Carcinoma in situ of breast and genitourinary system (D05-D07)
140			Carcinoma in situ of other and unspecified sites (D00-D04,D09)
141	1		Benign neoplasms (D10-D36)
142		2	Of female genital organs (D25-D28)
143			Of eye, brain and other parts of central nervous system (D31-D33)
144			Of other and unspecified sites (D10-D24,D29-D30,D34-D36)
145			Neoplasms of uncertain or unknown behavior of specified sites (D37-D47)
146			Neoplasms of uncertain or unknown behavior of unspecified sites (D48)
147	1		III. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)
148	1		Anemias (D50-D64)
149			Nutritional anemias (D50-D53)
150			Hemolytic anemias (D55-D59)
151			Aplastic anemias (D60-D61)
152			Acute posthemorrhagic and other anemias (D62,D64)
153			Coagulation defects, purpura and other hemorrhagic conditions (D65-D69)
154			Other diseases of blood and blood-forming organs (D70-D76)
155			Certain disorders involving the immune mechanism (D80-D89)
156	1		IV. Endocrine, nutritional and metabolic diseases (E00-E88)
157	1		Endocrine diseases (E00-E34)
158			Disorders of thyroid gland (E00-E07)
159		3	Diabetes mellitus (E10-E14)
160			Disorders of pituitary gland (E22-E23)
161			Disorders of adrenal glands (E24-E27)
162			Diseases of thymus (E32)
163			Other endocrine diseases (E15-E21,E28-E31,E34)
164	1		Nutritional diseases (E40-E68)
165	1		Malnutrition (E40-E46)
166			Nutritional marasmus (E41)
167			Other and unspecified malnutrition (E40,E42-E46)

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Recode	T Sex Age	Cause Title and ICD-10 Codes Included	
279	1	XI. Diseases of the digestive system (K00-K92)	
280		Diseases of oral cavity, salivary glands and jaws (K00-K14)	
281	1	Diseases of other parts of digestive system (K20-K92)	
282		Diseases of esophagus (K20-K22)	
283	1	Peptic ulcer (K25-K28)	
284		Gastric ulcer(K25)	
285		Duodenal ulcer(K26)	
286	3	Peptic ulcer, site unspecified (K27)	
287		Gastrojejunal ulcer (K28)	
288		Gastritis and duodenitis (K29)	
289		Dyspepsia and other diseases of stomach and duodenum (K30-K31)	
290		Diseases of appendix (K35-K38)	
291		Hernia (K40-K46)	
292		Crohn=s disease and ulcerative colitis (K50-K51)	
293		Vascular disorders and obstruction of intestine without hernia (K55-K56)	
294		Diverticular disease of intestine (K57)	
295		Other diseases of intestines and peritoneum (K52,K58-K63)	
296		Diseases of peritoneum (K65-K66)	
297	1	Diseases of liver (K70-K76)	
298		Alcoholic liver disease (K70)	
299		Chronic hepatitis, not elsewhere classified (K73)	
300		Fibrosis and cirrhosis of liver (K74)	
301		Other diseases of liver (K71-K72,K75-K76)	
302		Cholelithiasis and other disorders of gallbladder (K80-K82)	
303	1	Disorders of biliary tract and pancreas (K83-K86)	
304		Pancreatitis (K85,K86.0-K86.1)	
305		Other disorders of biliary tract and pancreas (K83,K86.2-K86.9)	
306		All other diseases of digestive system (K90-K92)	
307	1	XII. Diseases of the skin and subcutaneous tissue (L00-L98)	
308		Infections of skin and subcutaneous tissue (L00-L08)	
309		Other and unspecified diseases of skin and sub-cutaneous tissue (L10-L98)	
310	1	XIII. Diseases of the musculoskeletal system and connective tissue (M00-M99)	
311		Rheumatoid arthritis and related inflammatory polyarthropathies (M05-M08)	
312		Systemic lupus erythematosus (M32)	
313		Other arthropathies and related disorders (M00,M02,M10-M31,M33-M35)	
314		Dorsopathies (M40-M54)	
315		Soft tissue disorders (M60-M79)	
316	1	Osteopathies, chondropathies and other disorders of musculoskeletal system and connective tissue (M80-M99)	
317		Osteoporosis (M80-M81)	
318		Other osteopathies, chondropathies and disorders of musculoskeletal system and connective tissue (M83-M99)	
319	1	XIV. Diseases of the genitourinary system (N00-N98)	
320	1	Diseases of urinary system (N00-N39)	
321	1	Glomerular and renal tubulo-interstitial diseases (N00-N15)	
322	1	Glomerular diseases (N00-N07)	
323		Acute and rapidly progressive nephritic syndrome (N00-N01)	
324		Nephrotic syndrome (N04)	
325		Other and unspecified glomerular diseases (N02-N03,N05-N07)	
326		Renal tubulo-interstitial diseases (N10-N15)	
327		Renal failure (N17-N19)	
328		Urolithiasis (N20-N23)	
329		Other and unspecified disorders of kidney (N25-N27)	
330		Urinary tract infection, site not specified (N39.0)	

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Recode	T	Sex	Age	Cause Title and ICD-10 Codes Included	
331				Other diseases of urinary system (N28-N36,N39.1-N39.9)	
332	1	1		Diseases of male genital organs (N40-N50)	
333		1		Hyperplasia of prostate (N40)	
334		1		Other diseases of male genital organs (N41-N50)	
335				Disorders of breast (N60-N64)	
336	1	2		Disorders of female genital organs (N70-N98)	
337		2		Inflammatory diseases of female pelvic organs (N70-N76)	
338		2		Noninflammatory disorders of female genital tract (N80-N98)	
339	1	2	7	XV. Pregnancy, childbirth and the puerperium (000-099)	
340	1	2	7	Pregnancy with abortive outcome (000-007)	
341		2	7	Ectopic pregnancy (000)	
342		2	7	Spontaneous abortion (003)	
343		2	7	Medical abortion (004)	
344		2	7	Other abortion (005)	
345		2	7	Other and unspecified pregnancy with abortive outcome (001-002,006-007)	
346	1	2	7	Other direct obstetric deaths (010-092)	
347		2	7	Eclampsia and pre-eclampsia (011,013-016)	
348		2	7	Hemorrhage of pregnancy and childbirth and placenta previa (020,044-046,067,072)	
349	1	2	7	Complications predominately related to the puerperium (085-092)	
350		2	7	Obstetric embolism (088)	
351		2	7	Other complications predominately related to the puerperium (085-087,089-092)	
352		2	7	All other direct obstetric causes (010,012,021-043,047-066,068-071, 073-075)	
353		2	7	Obstetric death of unspecified cause (095)	
354		2	7	Other deaths related to pregnancy, childbirth and the puerperium (096-097)	
355		2	7	Indirect obstetric deaths (098-099)	
356	1			XVI. Certain conditions originating in the perinatal period (P00-P96)	
357				Newborn affected by maternal factors and by complications of pregnancy, labor and delivery (P00-P04)	
358				Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	
359				Birth trauma (P10-P15)	
360				Intrauterine hypoxia and birth asphyxia (P20-P21)	
361				Respiratory distress of newborn (P22)	
362				Other respiratory conditions originating in the perinatal period (P23-P28)	
363				Infections specific to the perinatal period (P35-P39)	
364				Other and unspecified conditions originating in the perinatal period (P05,P08,P29,P50-P96)	
365	1			XVII. Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	
366				Anencephaly and similar malformations (Q00)	
367				Spina bifida (Q05)	
368				All other congenital malformations of nervous system (Q01-Q04,Q06-Q07)	
369				Congenital malformations of heart (Q20-Q24)	
370				Other congenital malformations of circulatory system (Q25-Q28)	
371				Congenital malformations of respiratory system (Q30-Q34)	
372				Other congenital malformations and deformations (Q10-Q18,Q35-Q89)	
373				Down=s syndrome (Q90)	
374				All other chromosomal abnormalities, not elsewhere classified (Q91-Q99)	

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	
				(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)	
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)	

Mortality Multiple Cause-of-Death Public Use Record
Territories File
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VI. 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. Date of data receipt	94-101
f. 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

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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
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>Field Size</u>	<u>Item and Code Outline</u>
1-18	18	<u>Reserved Positions</u> These positions are blank.
19	1	<u>Record Type</u> <ul style="list-style-type: none"> 1 ... RESIDENTS State and County of Occurrence and Residence are the same. 2 ... NONRESIDENTS State and/or County of Occurrence and Residence are different.
20	1	<u>Resident Status</u> <p>United States Occurrence</p> <ul style="list-style-type: none"> 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. <p>Puerto Rico Occurrence</p> <ul style="list-style-type: none"> 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.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
20	1	<u>Resident Status - Con.</u> 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 and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place. 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.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-54	34	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</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 (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)</u> Puerto Rico 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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																														
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 <table border="0" style="margin-left: 20px;"> <tr><td>0</td><td>... County of 1,000,000 or more</td></tr> <tr><td>1</td><td>... County of 500,000 to 1,000,000</td></tr> <tr><td>2</td><td>... County of 250,000 to 500,000</td></tr> <tr><td>3</td><td>... County of 100,000 to 250,000</td></tr> <tr><td>9</td><td>... County of less than 100,000</td></tr> </table>	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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9	... County of less than 100,000																															
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		<u>2State of Residence (FIPS)</u> <table border="0" style="margin-left: 20px;"> <tr><td colspan="2">Territories Residents</td></tr> <tr><td>PR</td><td>... Puerto Rico</td></tr> <tr><td>VI</td><td>... Virgin Islands</td></tr> <tr><td>GU</td><td>... Guam</td></tr> <tr><td>AS</td><td>... American Samoa</td></tr> <tr><td>MP</td><td>... Northern Marianas</td></tr> <tr><td colspan="2">Foreign residents</td></tr> <tr><td>CC</td><td>... Canada</td></tr> <tr><td>MX</td><td>... Mexico</td></tr> <tr><td>CU</td><td>... Cuba</td></tr> <tr><td>YY</td><td>... Remainder of the world</td></tr> </table> Puerto Rico Occurrence <table border="0" style="margin-left: 20px;"> <tr><td>PR</td><td>... Puerto Rico</td></tr> <tr><td>US, ZZ</td><td>... Foreign residents</td></tr> </table> Virgin Islands Occurrence <table border="0" style="margin-left: 20px;"> <tr><td>VI</td><td>... Virgin Islands</td></tr> <tr><td>US, ZZ</td><td>... Foreign residents</td></tr> </table>	Territories 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	PR	... Puerto Rico	US, ZZ	... Foreign residents	VI	... Virgin Islands	US, ZZ	... Foreign residents
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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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
31-32	2	<u>Reserved Positions</u> These positions are blank.
33-34	2	<u>State/Country of Residence Recode</u> Territorial 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.

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
33-34	2	<p><u>State/Country of Residence Recode – Con.</u></p> <p>Virgin Islands Occurrence</p> <p>VI ... Virgin Islands US, ZZ ... Foreign residents.</p> <p>Guam Occurrence</p> <p>GU ... Guam US ... U.S. resident. Also considered a resident of Guam ZZ ... Foreign residents.</p> <p>American Samoa Occurrence</p> <p>AS ... American Samoa US, ZZ ... Foreign residents.</p> <p>Northern Marianas Occurrence</p> <p>MP ... Northern Marianas US, ZZ ... Foreign residents.</p>
35-37	3	<p><u>County of Residence (FIPS)</u></p> <p>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.</p> <p>000 ... Foreign residents 001-999 ... Code range 999 ... County of less than 100,000 population</p>
38-50	13	<p><u>Reserved Positions</u></p> <p>These positions are blank.</p>
51	1	<p><u>Population Size of County of Residence</u></p> <p>Based on the results of the 2000 Census</p> <p>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</p>

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
52-58	7	<u>Reserved Positions</u> These positions are blank.
59-60	2	<u>State/Country Birth Recode</u> Territorial 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
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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
64	1	<p>9 ... Unknown <u>Education reporting flag</u></p> <p>0 ... 1989 revision of education item on certificate 1 ... 2003 revision of education item on certificate 2 ... no education item on certificate</p>
65-66	2	<p><u>Month of Death</u></p> <p>01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December</p>
67-68	2	<u>Reserved Positions</u>
69	1	<p><u>Sex</u></p> <p>M ... Male F ... Female</p>
70-82	13	<u>REPORTED AGE</u>
70-73	4	<p><u>Detail Age</u></p> <p>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.</p> <p>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</p>
74	1	<p><u>Age Substitution Flag</u></p> <p>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.</p> <p>Blank ... Calculated age is not substituted for reported age 1 ... Calculated age is substituted for reported age</p>

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<u>Tape Location</u>	<u>Field Size</u>	<u>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
		48 ... 110 - 114 years
		49 ... 115 - 119 years

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Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
75-76	2	<u>Age Recode 52- Con.</u> 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 years 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>Field 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> 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>Field Size</u>	<u>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	13	<u>Reserved Position</u> This position is blank.
102-105	4	<u>Current Data Year</u> 2007 ...2007
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>Field Size</u>	<u>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 Code (10th Revision)</u> See the <u>International Classification of Diseases</u> , 1992 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)

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																		
153	1	<u>Reserved Position</u> This position is blank.																		
154-156	3	<u>113 Cause Recode</u> 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. 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	<u>Reserved Position</u> This position is blank.																		
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>	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																		

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
165-304	140	<u>ENTITY - AXIS CONDITIONS- Con.</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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
165-304	140	<u>ENTITY - AXIS CONDITIONS – Con.</u>
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> 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

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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
445-446	2	for areas that do not report them separately <u>Race- Con.</u> 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 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)

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
445-446	2	<u>Race- Con.</u> 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 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.

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

Vital Statistics Codes				FIPS Codes		
St	Cnty	P/MSA	M/NM	City	Area Names	St Cnty P/MSA Place
PR					Puerto Rico	PR
001	000	2	999	Adjuntas		001 0000
002	001	1	999	Aguada		003 0060
003	001	1	999	Aguadilla		005 0060
004	006	1	999	Aguas Buenas		007 7440
005	000	2	999	Aibonito		009 0000
006	004	1	999	Anasco		011 4840
007	002	1	999	Arecibo		013 0470
008	000	2	999	Arroyo		015 0000
009	006	1	999	Barceloneta		017 7440
010	000	2	999	Barranquitas		019 0000
011	006	1	999	Bayamon		021 7440
012	004	1	999	Cabo Rojo		023 4840
013	003	1	999	Caguas		025 1310
014	002	1	999	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

Vital Statistics Geographic Code Outline For Puerto Rico,
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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	Utua	141 0000
073	006	1	999	Vega Alta	143 7440
074	006	1	999	Vega Baja	145 7440

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

Vital Statistics Codes					FIPS 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
GU					Guam	GU			
000	000	2			Guam	010	0000		
			000		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					American Samoa	AS			
000	000	2			American Samoa	000	0000		
			000		American Samoa				99999
MP					Northern Marianas	MP			
000	000	2			Northern Marianas	000	0000		
			000		Northern Marianas				99999