

2009 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. Look for Deaths: Final data for 2009 at <http://www.cdc.gov/nchs/data/nvsr/> 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	<p><u>Resident Status- Con.</u> Virgin Islands Occurrence</p> <p>1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</p> <p>2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</p> <p>3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</p> <p>4 ... FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place.</p> <p>Guam Occurrence</p> <p>1 ... RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S.</p> <p>3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</p> <p>4 ... FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S.</p> <p>American Samoa Occurrence</p> <p>1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</p> <p>2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</p> <p>3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</p> <p>4 ... FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place.</p> <p>Northern Marianas Occurrence</p> <p>1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.</p> <p>2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.</p> <p>3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.</p> <p>4 ... FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.</p>

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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> <table> <tr><td>1</td><td>...</td><td>Sunday</td></tr> <tr><td>2</td><td>...</td><td>Monday</td></tr> <tr><td>3</td><td>...</td><td>Tuesday</td></tr> <tr><td>4</td><td>...</td><td>Wednesday</td></tr> <tr><td>5</td><td>...</td><td>Thursday</td></tr> <tr><td>6</td><td>...</td><td>Friday</td></tr> <tr><td>7</td><td>...</td><td>Saturday</td></tr> <tr><td>9</td><td>...</td><td>Unknown</td></tr> </table>	1	...	Sunday	2	...	Monday	3	...	Tuesday	4	...	Wednesday	5	...	Thursday	6	...	Friday	7	...	Saturday	9	...	Unknown
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> <table> <tr><td>2008</td><td>...</td><td>2008</td></tr> </table>	2008	...	2008																					
2008	...	2008																								
106	1	<u>Injury at Work</u> <table> <tr><td>Y</td><td>...</td><td>Yes</td></tr> <tr><td>N</td><td>...</td><td>No</td></tr> <tr><td>U</td><td>...</td><td>Unknown</td></tr> </table>	Y	...	Yes	N	...	No	U	...	Unknown															
Y	...	Yes																								
N	...	No																								
U	...	Unknown																								
107	1	<u>Manner of Death</u> <table> <tr><td>1</td><td>...</td><td>Accident</td></tr> <tr><td>2</td><td>...</td><td>Suicide</td></tr> <tr><td>3</td><td>...</td><td>Homicide</td></tr> <tr><td>4</td><td>...</td><td>Pending investigation</td></tr> <tr><td>5</td><td>...</td><td>Could not determine</td></tr> <tr><td>6</td><td>...</td><td>Self-Inflicted</td></tr> <tr><td>7</td><td>...</td><td>Natural</td></tr> <tr><td>blank</td><td>...</td><td>Not specified</td></tr> </table>	1	...	Accident	2	...	Suicide	3	...	Homicide	4	...	Pending investigation	5	...	Could not determine	6	...	Self-Inflicted	7	...	Natural	blank	...	Not specified
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> <table> <tr><td>B</td><td>...</td><td>Burial</td></tr> <tr><td>C</td><td>...</td><td>Cremation</td></tr> <tr><td>O</td><td>...</td><td>Other</td></tr> <tr><td>U</td><td>...</td><td>Unknown</td></tr> </table>	B	...	Burial	C	...	Cremation	O	...	Other	U	...	Unknown												
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> <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</u> <u>Location</u>	<u>Field</u> <u>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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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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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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Recode	T	S Limited Sex Age	Cause Title and ICD-10 Codes Included
058	1		Ischemic heart diseases (I20-I25)
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)
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 (J10-J18)
077			Influenza (J10-J11)
078			Pneumonia (J12-J18)
079	1		Other acute lower respiratory infections (J20-J22)
080			Acute bronchitis and bronchiolitis (J20-J21)
081			Unspecified acute lower respiratory infection (J22)
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)
111			All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93, K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99, N13.0-N13.5,N13.7-N13.9, N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)
112	1		Accidents (unintentional injuries) (V01-X59,Y85-Y86)
113	1		Transport accidents (V01-V99,Y85)
114			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)

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113 S Limited

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

115			Other land transport accidents (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)
116			Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)
117	1		Nontransport accidents (W00-X59,Y86)
118			Falls (W00-W19)
119			Accidental discharge of firearms (W32-W34)
120			Accidental drowning and submersion (W65-W74)
121			Accidental exposure to smoke, fire and flames (X00-X09)
122			Accidental poisoning and exposure to noxious substances (X40-X49)
123			Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)
124	1	1	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)
125		1	Intentional self-harm (suicide) by discharge of firearms (X72-X74)
126		1	Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)
127	1		Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)
128			Assault (homicide) by discharge of firearms (*U01.4,X93-X95)
129			Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)
130			Legal intervention (Y35,Y89.0)
131	1		Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)
132			Discharge of firearms, undetermined intent (Y22-Y24)
133			Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)
134			Operations of war and their sequelae (Y36,Y89.1)
135			Complications of medical and surgical care (Y40-Y84,Y88)

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

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

108		All other infections specific to the perinatal period (P35,P37,P39)
109	1	Hemorrhagic and hematological disorders of newborn (P50-P61)
110		Neonatal hemorrhage (P50-P52,P54)
111		Hemorrhagic disease of newborn (P53)
112		Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice (P55-P59)
113		Hematological disorders (P60-P61)
114		Syndrome of infant of a diabetic mother and neonatal diabetes mellitus (P70.0-P70.2)
115		Necrotizing enterocolitis of newborn (P77)
116		Hydrops fetalis not due to hemolytic disease (P83.2)
117		Other perinatal conditions (P29,P70.3-P70.9,P71-P76,P78-P81,P83.0-P83.1,P83.3-P83.9,P90-P96)
118	1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
119		Anencephaly and similar malformations (Q00)
120		Congenital hydrocephalus (Q03)
121		Spina bifida (Q05)
122		Other congenital malformations of nervous system (Q01-Q02,Q04,Q06-Q07)
123		Congenital malformations of heart (Q20-Q24)
124		Other congenital malformations of circulatory system (Q25-Q28)
125		Congenital malformations of respiratory system (Q30-Q34)
126		Congenital malformations of digestive system (Q35-Q45)
127		Congenital malformations of genitourinary system (Q50-Q64)
128		Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65-Q85)
129		Down's syndrome (Q90)
130		Edward's syndrome (Q91.0-Q91.3)
131		Patau's syndrome (Q91.4-Q91.7)
132		Other congenital malformations and deformations (Q10-Q18,Q86-Q89)
133		Other chromosomal abnormalities, not elsewhere classified (Q92-Q99)
134	1	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)
135		Sudden infant death syndrome (R95)
136		Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R53,R55-R94,R96-R99)
137		All other diseases (Residual) (F01-F99,H00-H57,L00-M99)
138	1	External causes of mortality (*U01,V01-Y84)
139	1	Accidents (unintentional injuries) (V01-X59)
140	1	Transport accidents (V01-V99)
141		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)
142		Other and unspecified transport accidents (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-V99)
143		Falls (W00-W19)
144		Accidental discharge of firearms (W32-W34)
145		Accidental drowning and submersion (W65-W74)
146		Accidental suffocation and strangulation in bed (W75)
147		Other accidental suffocation and strangulation (W76-W77,W81-W84)
148		Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78-W80)
149		Accidents caused by exposure to smoke, fire and flames (X00-X09)
150		Accidental poisoning and exposure to noxious substances (X40-X49)
151		Other and unspecified accidents (W20-W31,W35-W64,W85-W99,X10-X39,X50-X59)
152	1	Assault (homicide) (*U01,X85-Y09)
153		Assault (homicide) by hanging, strangulation and suffocation (X91)
154		Assault (homicide) by discharge of firearms (*U01.4,X93-X95)
155		Neglect, abandonment and other maltreatment syndromes (Y06-Y07)
156		Assault (homicide) by other and unspecified means (*U01.0-*U01.3,*U01.5-*U01.9,X85-X90,X92,X96-X99,Y00-Y05,Y08-Y09)
157		Complications of medical and surgical care (Y40-Y84)

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

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 Limited T 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	S	Limited		
Recode	T	Sex	Age	Cause Title and ICD-10 Codes Included
				A86-A89,B01,B04,B07-B09,B25-B34)
055	1			Other and unspecified infectious and parasitic diseases and their sequelae (B35-B99)
056				Mycoses (B35-B49)
057	1			Protozoal diseases (B50-B64)
058				Malaria (B50-B54)
059				Leishmaniasis (B55)
060				Trypanosomiasis (B56-B57)
061				Pneumocystosis (B59)
062				Other and unspecified protozoal diseases (B58,B60-B64)
063	1			Helminthiasis (B65-B83)
064				Schistosomiasis (bilharziasis) (B65)
065				Other and unspecified helminthiasis (B66-B83)
066		6		Sequelae of tuberculosis (B90)
067		6		Sequelae of poliomyelitis (B91)
068				All other and unspecified infectious and parasitic diseases and their sequelae (B85-B89,B92-B99)
069	1			II. Neoplasms (C00-D48)
070	1			Malignant neoplasms (C00-C97)
071	1			Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)
072				Of lip (C00)
073				Of tongue (C01-C02)
074				Of pharynx (C10-C13,C14.0)
075				Of other and unspecified sites within the lip, oral cavity and pharynx (C03-C09,C14.2-C14.8)
076	1			Malignant neoplasms of digestive organs (C15-C26)
077				Of esophagus (C15)
078				Of stomach (C16)
079				Of small intestine (C17)
080				Of colon, rectum and anus (C18-C21)
081				Colon (C18)
082				Rectosigmoid junction and rectum (C19-C20)
083				Anus and anus canal (C21)
084	1			Of liver and intrahepatic bile ducts (C22)
085				Liver (C22.0,C22.2-C22.9)
086				Intrahepatic bile duct carcinoma (C22.1)
087				Of gallbladder and extrahepatic bile ducts (C23-C24)
088				Of pancreas (C25)
089				Of other and ill-defined digestive organs (C26)
090	1			Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)
091				Of nasal cavity, middle ear and accessory sinuses (C30-C31)
092				Of larynx (C32)
093				Of trachea, bronchus and lung (C33-C34)
094				Of thymus, heart, mediastinum and pleura (C37-C38)
095				Of other and ill-defined sites in respiratory system and intrathoracic organs (C39)
096				Malignant neoplasms of bone and articular cartilage (C40-C41)
097	1			Melanoma and other malignant neoplasms of skin (C43-C44)
098				Malignant melanoma of skin (C43)
099				Other malignant neoplasms of skin (C44)
100	1			Malignant neoplasms of mesothelial and soft tissue (C45-C49)
101				Mesothelioma (C45)
102				Kaposi's sarcoma (C46)
103				Of other mesothelial and soft tissue (C47-C49)
104				Malignant neoplasm of breast (C50)
105	1	2		Malignant neoplasms of female genital organs (C51-C58)
106		2		Of vulva and vagina (C51-C52)
107		2		Of cervix uteri (C53)
108		2		Of corpus uteri and uterus, part unspecified (C54-C55)
109		2		Of ovary (C56)
110		2		Of other and unspecified female genital organs (C57)
111		2	2	Of placenta (C58)

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

Recode	T	S 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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358	S Limited			
Recode	T Sex Age		Cause Title and ICD-10 Codes Included	
168			Other nutritional deficiencies (E50-E64)	
169			Obesity and other hyperalimentation (E65-E68)	
170	1	3	Metabolic disorders (E70-E88)	
171			Cystic fibrosis (E84)	
172			Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	
173			Other metabolic disorders (E70-E83,E85,E88)	
174	1		V. Mental and behavioral disorders (F01-F99)	
175			Organic dementia (F01,F03)	
176			Other and unspecified organic mental disorders (F04-F09)	
177	1	3	Mental and behavioral disorders due to psychoactive substance use (F10-F19)	
178		3	Mental and behavioral disorders due to use of alcohol (F10)	
179		3	Mental and behavioral disorders due to other psychoactive substance use (F11-F19)	
180			Schizophrenia, schizotypal and delusional disorders (F20-F29)	
181			Mood (affective) disorders (F30-F39)	
182			Neurotic, stress-related and somatoform disorders (F40-F48)	
183			Mental retardation (F70-F79)	
184			Other and unspecified mental and behavioral disorders (F50-F69,F80-F99)	
185	1		VI. Diseases of the nervous system (G00-G98)	
186			Meningitis (G00,G03)	
187			Other inflammatory diseases of central nervous system (G04-G09)	
188			Parkinson=s disease (G20-G21)	
189			Alzheimer=s disease (G30)	
190			Multiple sclerosis (G35)	
191			Epilepsy (G40-G41)	
192			Transient cerebral ischemic attacks and related syndromes (G45)	
193			Infantile cerebral palsy (G80)	
194			All other diseases of nervous system (G10-G12,G23-G25,G31,G36-G37,G43-G44,G47-G72,G81-G98)	
195			VII. Diseases of the eye and adnexa (H00-H57)	
196			VIII. Diseases of the ear and mastoid process (H60-H93)	
197	1		IX. Diseases of the circulatory system (I00-I99)	
198	1		Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	
199			Acute rheumatic fever (I00-I02)	
200	1		Chronic rheumatic heart diseases (I05-I09)	
201			Rheumatic mitral valve diseases (I05)	
202			Rheumatic aortic valve diseases (I06)	
203			Disorders of both mitral and aortic valves (I08.0)	
204			Other chronic rheumatic heart diseases (I07,I08.1-I08.9,I09)	
205	1		Hypertensive diseases (I10-I13)	
206			Essential (primary) hypertension (I10)	
207			Hypertensive heart disease (I11)	
208			Hypertensive renal disease (I12)	
209			Hypertensive heart and renal disease (I13)	
210	1		Ischemic heart diseases (I20-I25)	
211			Acute myocardial infarction (I21-I22)	
212			Other acute ischemic heart diseases (I24)	
213			Other forms of chronic ischemic heart diseases (I20,I25)	
214			Atherosclerotic cardiovascular disease, so described (I25.0)	
215			All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	
216	1		Other heart diseases (I26-I51)	
217	1		Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	
218			Pulmonary embolism (I26)	
219			Other pulmonary heart disease and diseases of pulmonary circulation (I27-I28)	

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358 Recode	S Limited T Sex Age	Cause Title and ICD-10 Codes Included
220	1	Other non-pulmonary forms of heart disease (I30-I51)
221		Acute and subacute endocarditis (I33)
222		Diseases of pericardium and acute myocarditis (I30-I31,I40)
223	1	Other diseases of endocardium (I34-I38)
224		Nonrheumatic mitral valve disorders (I34)
225		Nonrheumatic aortic valve disorders (I35)
226		All other diseases of endocardium (I36-I38)
227		Cardiomyopathy (I42)
228		Conduction disorders and cardiac dysrhythmias (I44-I49)
229	1	Heart failure (I50)
230		Congestive heart failure (I50.0)
231		Other and unspecified heart failure (I50.1-I50.9)
232		Myocarditis, unspecified and myocardial degeneration (I51.4-I51.5)
233		All other and ill-defined forms of heart disease (I50.0-I51.3, I51.6-I51.9)
234	1	Cerebrovascular diseases (I60-I69)
235		Subarachnoid hemorrhage (I60)
236	3	Intracerebral and other intracranial hemorrhage (I61-I62)
237		Cerebral infarction (I63)
238		Stroke, not specified as hemorrhage or infarction (I64)
239		Other cerebrovascular diseases and their sequelae (I67,I69)
240	1	Diseases of arteries, arterioles and capillaries (I70-I78)
241		Atherosclerosis (I70)
242		Aortic aneurysm and dissection (I71)
243		Other diseases of arteries, arterioles and capillaries (I70-I78)
244	1	Other disorders of circulatory system (I80-I99)
245		Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)
246		All other and unspecified disorders of circulatory system (I83-I99)
247	1	X. Diseases of the respiratory system (J00-J98)
248	1	Acute upper respiratory infections (J00-J06)
249		Acute pharyngitis and tonsillitis (J02-J03)
250		Acute laryngitis and tracheitis ((J04)
251		Other and unspecified acute upper respiratory infections (J00-J01,J05-J06)
252	1	Other diseases of the respiratory system (J10-J98)
253		Influenza (J10-J11)
254	1	Pneumonia(J12-J18)
255		Viral pneumonia, not elsewhere classified (J12)
256		Bacterial pneumonia (J13-J15)
257		Pneumonia due to other or unspecified organisms (J16,J18)
258	1	Other acute lower respiratory infections (J20-J22)
259		Acute bronchitis and bronchiolitis(J20-J21)
260		Unspecified acute lower respiratory infection (J22)
261		Other diseases of upper respiratory tract (J30-J39)
262	1	Chronic lower respiratory diseases (J40-J47)
263	1	Bronchitis, chronic and unspecified, emphysema and asthma (J40-J46)
264		Bronchitis, not specified as acute or chronic (J40)
265		Chronic bronchitis (J41-J42)
266	3	Emphysema (J43)
267		Other chronic obstructive pulmonary disease (J44)
268		Asthma (J45-J46)
269		Bronchiectasis (J47)
270	1	Lung diseases due to external agents (J60-J70)
271		Pneumoconioses and chemical effects (J60-J66,J68)
272	1	Pneumonitis due to solids and liquids (J69)
273		Pneumonitis due to food and vomit (J69.0)
274		Other pneumonitis due to solids and liquids (J69.1-J69.8)
275		Other lung diseases due to external agents (J67,J70)
276		Suppurative and necrotic conditions of lower respiratory tract (J85-J86)
277		Pleural effusion and plaque (J90, J92)
278		All other diseases of respiratory system (J80-J84,J93-J98)

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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 (O00-O99)
340	1	2	7	Pregnancy with abortive outcome (O00-O07)
341		2	7	Ectopic pregnancy (O00)
342		2	7	Spontaneous abortion (O03)
343		2	7	Medical abortion (O04)
344		2	7	Other abortion (O05)
345		2	7	Other and unspecified pregnancy with abortive outcome (O01-O02,O06-O07)
346	1	2	7	Other direct obstetric deaths (O10-O92)
347		2	7	Eclampsia and pre-eclampsia (O11,O13-O16)
348		2	7	Hemorrhage of pregnancy and childbirth and placenta previa (O20,O44-O46,O67,O72)
349	1	2	7	Complications predominately related to the puerperium (O85-O92)
350		2	7	Obstetric embolism (O88)
351		2	7	Other complications predominately related to the puerperium (O85-O87,O89-O92)
352		2	7	All other direct obstetric causes (O10,O12,O21-O43,O47-O66,O68-O71,O73-O75)
353		2	7	Obstetric death of unspecified cause (O95)
354		2	7	Other deaths related to pregnancy, childbirth and the puerperium (O96-O97)
355		2	7	Indirect obstetric deaths (O98-O99)
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	
375	1		XVIII. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	
376			Senility (R54)	
377	1		Ill-defined and unknown causes of mortality (R95-R99)	
378		4	Sudden infant death syndrome (R95)	
379			Other ill-defined and unknown causes of mortality (R96-R99)	
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, 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)	
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			Accidental explosion (W39-W40)	
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	

***** 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)	

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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> 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> 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> Virgin Islands Occurrence <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 Virgin Islands to a resident of any other place. Guam Occurrence <ul style="list-style-type: none"> 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 <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 American Samoa to a resident of any other place. Northern Marianas Occurrence <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 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-nnn ... 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 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
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> <div style="margin-left: 40px;">Territories Residents</div> <div style="margin-left: 40px;">PR ... Puerto Rico</div> <div style="margin-left: 40px;">VI ... Virgin Islands</div> <div style="margin-left: 40px;">GU ... Guam</div> <div style="margin-left: 40px;">AS ... American Samoa</div> <div style="margin-left: 40px;">MP ... Northern Marianas</div> <div style="margin-left: 40px;">Foreign residents</div> <div style="margin-left: 40px;">CC ... Canada</div> <div style="margin-left: 40px;">MX ... Mexico</div> <div style="margin-left: 40px;">CU ... Cuba</div> <div style="margin-left: 40px;">YY ... Remainder of the world</div> <div style="margin-left: 40px;">Puerto Rico Occurrence</div> <div style="margin-left: 40px;">PR ... Puerto Rico</div> <div style="margin-left: 40px;">US, ZZ ... Foreign residents</div> <div style="margin-left: 40px;">Virgin Islands Occurrence</div> <div style="margin-left: 40px;">VI ... Virgin Islands</div> <div style="margin-left: 40px;">US, ZZ ... Foreign residents</div>

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<u>Tape</u> <u>Location</u>	<u>Field</u> <u>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</p> <p><u>Education reporting flag</u></p> <p>0 ... 1989 revision of education item on certificate</p> <p>1 ... 2003 revision of education item on certificate</p> <p>2 ... no education item on certificate</p>
65-66	2	<p><u>Month of Death</u></p> <p>01 ... January</p> <p>02 ... February</p> <p>03 ... March</p> <p>04 ... April</p> <p>05 ... May</p> <p>06 ... June</p> <p>07 ... July</p> <p>08 ... August</p> <p>09 ... September</p> <p>10 ... October</p> <p>11 ... November</p> <p>12 ... December</p>
67-68	2	<u>Reserved Positions</u>
69	1	<p><u>Sex</u></p> <p>M ... Male</p> <p>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</p> <p>2 001-011,999 ... Months</p> <p>4 001-027,999 ... Days</p> <p>5 001-023,999 ... Hours</p> <p>6 001-059,999 ... Minutes</p> <p>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</p> <p>1 ... Calculated age is substituted for reported age</p>

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<u>Tape</u> <u>Location</u>	<u>Field</u> <u>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 for Territories

<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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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	16	<u>Reserved Position</u> This position is blank.
102-105	4	<u>Current Data Year</u>
		2008 ...2008
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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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

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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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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Mortality Multiple Cause-of-Death Public Use Record for Territories

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
445-446	2	<p style="text-align: center;">for areas that do not report them separately <u>Race- Con.</u></p> <p>Puerto Rico Occurrence</p> <p>00 ... Other races 01 ... White 02 ... Black</p> <p>Virgin Islands Occurrence</p> <p>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</p> <p>Guam Occurrence</p> <p>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</p> <p>American Samoa Occurrence</p> <p>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</p> <p>Northern Marianas Occurrence</p> <p>01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian)</p>

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Mortality Multiple Cause-of-Death Public Use Record for Territories

<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</u> <u>Location</u>	<u>Field</u> <u>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

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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	Utuado	141 0000
073	006	1	999	Vega Alta	143 7440
074	006	1	999	Vega Baja	145 7440

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