

2010 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 2010 at <http://www.cdc.gov/nchs/products/nvsr.htm> for other notes about the file.

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Mortality Multiple Cause-of-Death Public Use Record

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>																																				
1-19	19	<u>Reserved Positions</u> These positions are blank.																																				
20	1	<u>Resident Status</u> United States Occurrence <table> <tr> <td>1</td><td>...</td><td> RESIDENTS State and County of Occurrence and Residence are the same. </td></tr> <tr> <td>2</td><td>...</td><td> INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different. </td></tr> <tr> <td>3</td><td>...</td><td> INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S. </td></tr> <tr> <td>4</td><td>...</td><td> FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S. </td></tr> </table> Puerto Rico Occurrence <table> <tr> <td>1</td><td>...</td><td> RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. </td></tr> <tr> <td>2</td><td>...</td><td> INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different. </td></tr> <tr> <td>3</td><td>...</td><td> INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. </td></tr> <tr> <td>4</td><td>...</td><td> FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place. </td></tr> </table> Virgin Islands Occurrence <table> <tr> <td>1</td><td>...</td><td> RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. </td></tr> <tr> <td>2</td><td>...</td><td> INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different. </td></tr> <tr> <td>3</td><td>...</td><td> INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. </td></tr> <tr> <td>4</td><td>...</td><td> FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place. </td></tr> </table>	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.	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.	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.
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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
20	1	<u>Resident Status - Con.</u> Guam Occurrence 1 ... RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S. American Samoa Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County- equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place. Northern Marianas Occurrence 1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.
21-60	40	<u>Reserved Positions</u> These positions are blank.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
61-64	4	EDUCATION
61-62	2	<u>Education (1989 revision)</u> <ul style="list-style-type: none"> 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> <p>Field is blank for registration areas that are using the 1989 revision format of the item.</p> <ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> 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</u> <u>Location</u>	<u>Size</u>	<u>Field</u> <u>Item and Code Outline</u>
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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
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67-68	2	<u>Reserved Positions</u>
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69	1	<u>Sex</u> M ... Male F ... Female
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70-82	13	<u>REPORTED AGE</u>
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70-73	4	<u>Detail Age</u>
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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>
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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</u> <u>Location</u>	<u>Size</u>	<u>Field</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
		50 ... 120 - 124 years
		51 ... 125 years and over
		52 ... Age not stated

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

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>																																																																					
81-82	2	<u>Infant Age Recode 22</u> <table> <tr><td>Blank</td><td>...</td><td>Age 1 year and over or not stated</td></tr> <tr><td>01</td><td>...</td><td>Under 1 hour (includes not stated hours and minutes)</td></tr> <tr><td>02</td><td>...</td><td>1 - 23 hours</td></tr> <tr><td>03</td><td>...</td><td>1 day (includes not stated days)</td></tr> <tr><td>04</td><td>...</td><td>2 days</td></tr> <tr><td>05</td><td>...</td><td>3 days</td></tr> <tr><td>06</td><td>...</td><td>4 days</td></tr> <tr><td>07</td><td>...</td><td>5 days</td></tr> <tr><td>08</td><td>...</td><td>6 days</td></tr> <tr><td>09</td><td>...</td><td>7-13 days (includes not stated weeks)</td></tr> <tr><td>10</td><td>...</td><td>14 - 20 days</td></tr> <tr><td>11</td><td>...</td><td>21 - 27 days</td></tr> <tr><td>12</td><td>...</td><td>1 month (includes not stated months)</td></tr> <tr><td>13</td><td>...</td><td>2 months</td></tr> <tr><td>14</td><td>...</td><td>3 months</td></tr> <tr><td>15</td><td>...</td><td>4 months</td></tr> <tr><td>16</td><td>...</td><td>5 months</td></tr> <tr><td>17</td><td>...</td><td>6 months</td></tr> <tr><td>18</td><td>...</td><td>7 months</td></tr> <tr><td>19</td><td>...</td><td>8 months</td></tr> <tr><td>20</td><td>...</td><td>9 months</td></tr> <tr><td>21</td><td>...</td><td>10 months</td></tr> <tr><td>22</td><td>...</td><td>11 months</td></tr> </table>	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
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84	1	<u>Marital Status</u> <table> <tr><td>S</td><td>...</td><td>Never married, single</td></tr> <tr><td>M</td><td>...</td><td>Married</td></tr> <tr><td>W</td><td>...</td><td>Widowed</td></tr> <tr><td>D</td><td>...</td><td>Divorced</td></tr> <tr><td>U</td><td>...</td><td>Marital Status unknown</td></tr> </table>	S	...	Never married, single	M	...	Married	W	...	Widowed	D	...	Divorced	U	...	Marital Status unknown																																																						
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85	1	<u>Day of Week of Death</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday 9 ... Unknown
86-101	16	Reserved Positions
102-105	4	<u>Current Data Year</u> 2010 ... 2010
106	1	<u>Injury at Work</u> Y ... Yes N ... No U ... Unknown
107	1	<u>Manner of Death</u> 1 ... Accident 2 ... Suicide 3 ... Homicide 4 ... Pending investigation 5 ... Could not determine 6 ... Self-Inflicted 7 ... Natural Blank ... Not specified
108	1	<u>Method of Disposition</u> B ... Burial C ... Cremation O ... Other U ... Unknown

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
109	1	<u>Autopsy</u> Y ... Yes N ... No U ... Unknown
110-143	34	<u>Reserved 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> , 2004 Revision, Volume 1.
150-152	3	<u>358 Cause Recode</u> A recode of the ICD cause code into 358 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 001-456 ... Code range (not inclusive)
153	1	<u>Reserved Positions</u>

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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 <table> <tr><td>1-7</td><td>...</td><td>Code range</td></tr> </table>	1	...	Part I, line 1 (a)	2	...	Part I, line 2 (b)	3	...	Part I, line 3 (c)	4	...	Part I, line 4 (d)	5	...	Part I, line 5 (e)	6	...	Part II	1-7	...	Code range
1	...	Part I, line 1 (a)																					
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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
291-297	7	19 th Condition
298-304	7	20 th Condition

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

2010
Mortality Multiple Cause-of-Death Public Use Record

<u>Tape</u> <u>Location</u>	<u>Size</u>	<u>Field</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
		06 ... Hawaiian (includes Part-Hawaiian)

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Mortality Multiple Cause-of-Death Public Use Record

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

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Mortality Multiple Cause-of-Death Public Use Record

<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
484-486	3	<u>Hispanic Origin</u>
		100-199 ... Non – Hispanic
		200-209 Spaniard
		210-219 ... Mexican
		260-269 ... Puerto Rican
		270-274 ... Cuban
		275-279 Dominican
		220 Central and South American
		221-230 ... Central American
		231-249 South American
		250-259 Latin American
		280-299 ... Other Hispanic
		996-999 ... Unknown
487	1	<u>Reserved</u>
488	1	<u>Hispanic Origin/Race Recode</u>
		1 ... Mexican
		2 ... Puerto Rican
		3 ... Cuban
		4 ... Central or South American
		5 ... Other or unknown Hispanic
		6 ... Non - Hispanic white
		7 ... Non - Hispanic black
		8 ... Non - Hispanic other races
		9 ... Hispanic origin unknown

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***** 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,I15)	
024				Cerebrovascular diseases (I60-I69)	
025				Atherosclerosis (I70)	
026				Other diseases of circulatory system (I71-I78)	
027				Influenza and pneumonia (J09-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,U04)	
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)
058		1		Ischemic heart diseases (I20-I25)

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113 S Limited

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

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

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

001	1	Certain infectious and parasitic diseases (A00-B99)
002		Certain intestinal infectious diseases (A00-A08)
003		Diarrhea and gastroenteritis of infectious origin (A09)
004		Tuberculosis (A16-A19)
005		Tetanus (A33,A35)
006		Diphtheria (A36)
007		Whooping cough (A37)
008		Meningococcal infection (A39)
009	3	Septicemia (A40-A41)
010		Congenital syphilis (A50)
011		Gonococcal infection (A54)
012	1	Viral diseases (A80-B34)
013		Acute poliomyelitis (A80)
014		Varicella (chickenpox) (B01)
015		Measles (B05)
016		Human immunodeficiency virus (HIV) disease (B20-B24)
017		Mumps (B26)
018		Other and unspecified viral diseases (A81-B00,B02-B04,B06-B19,B25,B27-B34)
019		Candidiasis (B37)
020		Malaria (B50-B54)
021		Pneumocystosis (B59)
022		All other and unspecified infectious and parasitic diseases (A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36,B38-B49,B55-B58,B60-B99)
023	1	Neoplasms (C00-D48)
024	1	Malignant neoplasms (C00-C97)
025		Hodgkin's disease and non-Hodgkin's lymphomas (C81-C85)
026		Leukemia (C91-C95)
027		Other and unspecified malignant neoplasms (C00-C80,C88,C90,C96-C97)
028		In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)
029	1	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)
030		Anemias (D50-D64)
031		Hemorrhagic conditions and other diseases of blood and blood-forming organs (D65-D76)
032		Certain disorders involving the immune mechanism (D80-D89)
033	1	Endocrine, nutritional and metabolic diseases (E00-E88)
034		Short stature, not elsewhere classified (E34.3)
035		Nutritional deficiencies (E40-E64)
036		Cystic fibrosis (E84)
037	3	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)
038		All other endocrine, nutritional and metabolic diseases (E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)
039	1	Diseases of the nervous system (G00-G98)
040		Meningitis (G00,G03)
041		Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) (G12.0)
042		Infantile cerebral palsy (G80)
043		Anoxic brain damage, not elsewhere classified (G93.1)
044		Other diseases of nervous system (G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)
045		Diseases of the ear and mastoid process (H60-H93)
046	1	Diseases of the circulatory system (I00-I99)
047		Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)
048		Pericarditis, endocarditis and myocarditis (I30,I33,I40)
049		Cardiomyopathy (I42)
050		Cardiac arrest (I46)
051		Cerebrovascular diseases (I60-I69)
052		All other diseases of circulatory system (I00-I25,I31,I34-I38,I44-I45,I47-I51, I70-I99)
053	1	Diseases of the respiratory system (J00-J98,U04)
054		Acute upper respiratory infections (J00-J06)
055	1	Influenza and pneumonia (J09-J18)
056		Influenza (J09-J11)

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130 S Limited

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

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,U04)
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)
108			All other infections specific to the perinatal period (P35,P37,P39)
109	1		Hemorrhagic and hematological disorders of newborn (P50-P61)

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130 S Limited

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

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)
158		Other external causes (X60-X84,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, A86-A89,B01,B04,B07-B09,B25-B34)

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S	Limited
Recode	T Sex Age Cause Title and ICD-10 Codes Included
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)
112	1 1 Malignant neoplasms of male genital organs (C60-C63)
113	1 Of prostate (C61)

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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)
168		Other nutritional deficiencies (E50-E64)
169		Obesity and other hyperalimentation (E65-E68)
170	1 3	Metabolic disorders (E70-E88)

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Recode	T	Sex	Age	Cause Title and ICD-10 Codes Included	
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-I15)	
206				Essential (primary) hypertension (I10)	
207				Hypertensive heart disease (I11)	
208				Hypertensive renal disease (I12,I15)	
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)	
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)	

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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,U04)		
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 (J09-J98,U04)		
253		Influenza (J09-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,U04)		
259		Acute bronchitis and bronchiolitis(J20-J21)		
260		Other and unspecified acute lower respiratory infection (J22,U04)		
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)		
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)		

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

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

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

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

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

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

358	S	Limited			
Recode	T	Sex	Age	Cause Title and ICD-10 Codes Included	
420				Accidental poisoning by and exposure to drugs and other biological substances (X40-X44)	
421				Accidental poisoning by and exposure to other and unspecified solid or liquids substances (X45-X46,X48-X49)	
422				Accidental poisoning by and exposure to other gases and vapors (X47)	
423				All other and unspecified accidents (W20-W31,W35-W38,W41-W64,W92-W99,X20-X32,X39,X50-X59,Y86)	
424	1	1		Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	
425		1		Intentional self-poisoning (suicide) by and exposure to drugs and other biological substances (X60-X64)	
426		1		Intentional self-poisoning (suicide) by and exposure to other and unspecified solid or liquid substances and their vapors (X65-X66,X68-X69)	
427		1		Intentional self-poisoning (suicide) by and exposure to other gases and vapors (X67)	
428		1		Intentional self-harm (suicide) by hanging, strangulation and suffocation (X70)	
429		1		Intentional self-harm (suicide) by discharge of firearms (X72-X74)	
430		1		Intentional self-harm (suicide) by jumping from a high place (X80)	
431		1		Intentional self-harm (suicide) by all other and unspecified means and their sequelae (*U03,X71,X75-X79,X81-X84,X87.0)	
432	1			Assault (homicide) (*U01-*U02,X85-Y09,X87.1)	
433				Assault (homicide) by drugs, biological substances and other and unspecified noxious substances (*U01.6-*U01.7,X85-X90)	
434				Assault (homicide) by hanging, strangulation and suffocation (X91)	
435				Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	
436				Assault (homicide) by sharp object (X99)	
437				Assault (homicide) by blunt object (Y00)	
438				Assault (homicide) by bodily force (Y04)	
439				Sexual assault (homicide) by bodily force (Y05)	
440				Neglect, abandonment and other maltreatment syndromes (Y06-Y07)	
441				Assault (homicide) by all other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5,*U01.8-*U01.9,*U02,X92,X96-X98, Y01-Y03,Y08-Y09,Y87.1)	
442	1			Event of undetermined intent (Y10-Y34,Y87.2,Y89.9)	
443				Poisoning by and exposure to drugs and biological substances, undetermined intent (Y10-Y14)	
444				Poisoning by and exposure to other and unspecified solid or liquid substance undetermined intent (Y15-Y16,Y18-Y19)	
445				Poisoning by and exposure to other gases and vapors, undetermined intent (Y17)	
446				Discharge of firearms, undetermined intent (Y22-Y24)	
447				Falling, jumping or pushed from a high place, undetermined intent (Y30)	
448				All other and unspecified events of undetermined intent and their sequelae (Y20-Y21,Y25-Y29,Y31-Y34,Y87.2,Y89.9)	
449	1			Legal intervention (Y35,Y89.0)	
450				Legal intervention (Y35.5)	
451				Other legal intervention and their sequelae (Y35.0-Y35.4,Y35.6-Y35.7,Y89.0)	
452				Operations of war and their sequelae (Y36,Y89.1)	
453	1			Complications of medical and surgical care (Y40-Y84,Y88)	
454				Drugs, medicaments and biological substances causing adverse effects in therapeutic use and their sequelae (Y40-Y59,Y88.0)	
455				Misadventures to patients during medical and surgical care and their sequelae (Y60-Y69,Y88.1)	
456				Other complications of medical and surgical care and their sequelae (Y70-Y84,Y88.2-Y88.3)	

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List of File Data Elements and Tape Locations

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3.	Residence	
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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
1-18	18	<u>Reserved Positions</u> These positions are blank.
19	1	<u>Record Type</u>
	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.
		Virgin Islands Occurrence
	1	... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
	2	... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
	3	... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory.
	4	... FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place.

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

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
21-54 <u>CODES</u>	34	<p><u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC</u></p> <p>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.</p>
21-28	8	<u>PLACE OF OCCURRENCE</u>
21-22	2	<p><u>State of Occurrence (FIPS)</u></p> <p>Puerto Rico</p> <p>PR ... Puerto Rico</p> <p>Virgin Islands</p> <p>VI ... Virgin Islands</p> <p>Guam</p> <p>GU ... Guam</p> <p>American Samoa</p> <p>AS ... American Samoa</p> <p>Northern Marianas</p> <p>MP ... Northern Marianas</p>
23-25	3	<p><u>County of Occurrence (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>001-nnn ... Code range</p> <p>999 ... County of less than 100,000 population</p>

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<u>Tape Location</u>	<u>Size</u>	<u>Field 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> Territory Residents PR ... Puerto Rico VI ... Virgin Islands GU ... Guam AS ... American Samoa MP ... Northern Marianas Foreign residents CC ... Canada MX ... Mexico CU ... Cuba YY ... Remainder of the world Puerto Rico Occurrence PR ... Puerto Rico US, ZZ ... Foreign residents Virgin Islands Occurrence VI ... Virgin Islands US, ZZ ... Foreign residents

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
29-30	2	<p><u>State of Residence (FIPS) – Con.</u></p> <p>Guam Occurrence</p> <p>GU ... Guam US ... U.S. resident. Also considered a resident of Guam. ZZ ... Foreign residents: refer to U.S. for specific code structure.</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>
31-32	2	<p><u>Reserved Positions</u></p> <p>These positions are blank.</p>
33-34	2	<p><u>State/Country of Residence Recode</u></p> <p>Territory residents</p> <p>PR ... Puerto Rico VI ... Virgin Islands GU ... Guam AS ... American Samoa MP ... Northern Marianas</p> <p>Foreign residents</p> <p>CC ... Canada MX ... Mexico CU ... Cuba YY ... Remainder of the world</p> <p>Puerto Rico Occurrence</p> <p>PR ... Puerto Rico US, ZZ ... Foreign residents.</p> <p>Virgin Islands Occurrence</p> <p>VI ... Virgin Islands US, ZZ ... Foreign residents.</p>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
33-34	2	<p><u>State/Country of Residence Recode – Con.</u></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-nnn ... 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>
52-58	7	<p><u>Reserved Positions</u></p> <p>These positions are blank.</p>

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
59-60	2	<u>State/Country Birth Recode</u> Territory residents PR ... Puerto Rico VI ... Virgin Islands GU ... Guam AS ... American Samoa MP ... Northern Marianas Foreign residents US ... United States CC ... Canada MX ... Mexico CU ... Cuba YY ... Remainder of the world ZZ ... Unknown place of birth
61-64	4	EDUCATION
61-62	2	<u>Education (1989 revision)</u> 00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
63	1	<u>Education (2003 revision)</u> Field is blank for registration areas that are using the 1989 revision format of the item. 1 ... 8th grade or less 2 ... 9 - 12th grade, no diploma 3 ... high school graduate or GED completed 4 ... some college credit, but no degree 5 ... Associate degree 6 ... Bachelor's degree 7 ... Master's degree 8 ... Doctorate or professional degree 9 ... Unknown
64	1	<u>Education reporting flag</u> 0 ... 1989 revision of education item on certificate 1 ... 2003 revision of education item on certificate 2 ... no education item on certificate
65-66	2	<u>Month of Death</u> 01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December
67-68	2	<u>Reserved Positions</u>
69	1	<u>Sex</u> M ... Male F ... Female

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<u>Tape</u> <u>Location</u>	<u>Size</u>	<u>Field</u> <u>Item and Code Outline</u>
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70-82	13	<u>REPORTED AGE</u>
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70-73	4	<u>Detail Age</u>
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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>
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If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.

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

75-76	2	<u>Age Recode 52</u>
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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

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<u>Tape</u> <u>Location</u>	<u>Size</u>	<u>Field</u> <u>Item and Code Outline</u>
75-76	2	<u>Age Recode 52 – Con.</u>
		23 ... 1 year
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
		27 ... 5 - 9 years
		28 ... 10 - 14 years
		29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years
		33 ... 35 - 39 years
		34 ... 40 - 44 years
		35 ... 45 - 49 years
		36 ... 50 - 54 years
		37 ... 55 - 59 years
		38 ... 60 - 64 years
		39 ... 65 - 69 years
		40 ... 70 - 74 years
		41 ... 75 - 79 years
		42 ... 80 - 84 years
		43 ... 85 - 89 years
		44 ... 90 - 94 years
		45 ... 95 - 99 years
		46 ... 100 - 104 years
		47 ... 105 - 109 years
		48 ... 110 - 114 years
		49 ... 115 - 119 years
		50 ... 120 - 124 years
		51 ... 125 years and over
		52 ... Age not stated

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

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

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
85	1	<u>Day of Week of Death</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday 9 ... Unknown
86-101	16	<u>Reserved Position</u> This position is blank.
102-105	4	<u>Current Data Year</u> 2010 ... 2010
106	1	<u>Injury at Work</u> Y ... Yes N ... No U ... Unknown
107	1	<u>Manner of Death</u> 1 ... Accident 2 ... Suicide 3 ... Homicide 4 ... Pending investigation 5 ... Could not determine 6 ... Self-Inflicted 7 ... Natural Blank ... Not specified
108	1	<u>Method of Disposition</u> B ... Burial C ... Cremation O ... Other U ... Unknown

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

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>																		
154-156	3	<p><u>113 Cause Recode</u></p> <p>A recode of the ICD cause code into 113 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.</p> <p>001-135 ... Code range (not inclusive)</p>																		
157-159	3	<p><u>130 Infant Cause Recode</u></p> <p>A recode of the ICD cause code into 130 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. Beginning in 2002 non-infant records are blank in this field.</p> <p>001-158 ... Code range (not inclusive)</p>																		
160-161	2	<p><u>39 Cause Recode</u></p> <p>A recode of the ICD cause code into 39 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included.</p> <p>01-42 ... Code range (not inclusive)</p>																		
162	1	<p><u>Reserved Position</u> This position is blank.</p>																		
163-443	281	<u>MULTIPLE CONDITIONS</u>																		
163-164	2	<p><u>Number of Entity-Axis Conditions</u></p> <p>00-20 ... Code range</p>																		
165-304	140	<p><u>ENTITY-AXIS CONDITIONS</u></p> <p>Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. The 7th position will be blank. Records that do not have 20 conditions are blank in the unused area.</p> <p>Position 1: Part/line number on certificate</p> <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>	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>Size</u>	<u>Field 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
291-297	7	19 th Condition
298-304	7	20 th Condition

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
305-340	36	<u>Reserved Positions</u>
341-342	2	<u>Number of Record-Axis Conditions</u> 00-20 ... Code range
343	1	<u>Reserved Position</u> This position is blank.
344-443	100	<u>RECORD-AXIS CONDITIONS</u> Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. The 5 th position will be blank. Records that do not have 20 conditions are blank in the unused area. Positions 1 - 4: Condition Code See Table 1 for a complete list of codes
344-348	5	1 st Condition
349-353	5	2 nd Condition
354-358	5	3 rd Condition
359-363	5	4 th Condition
364-368	5	5 th Condition
369-373	5	6 th Condition
374-378	5	7 th Condition
379-383	5	8 th Condition
384-388	5	9 th Condition
389-393	5	10 th Condition
394-398	5	11 th Condition
399-403	5	12 th Condition

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<u>Tape Location</u>	<u>Size</u>	<u>Field 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 for areas that do not report them separately

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<u>Tape</u> <u>Location</u>	<u>Size</u>	<u>Field</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 06 ... Hawaiian (includes Part-Hawaiian)

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
445-446	2	<u>Race- Con.</u> 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately
447	1	<u>Bridged Race Flag</u> Blank Race is not bridged 1 Race is bridged
448	1	<u>Race Imputation Flag</u> Blank ... Race is not imputed 1 ... Unknown race is imputed 2 ... All other races is imputed
449	1	<u>Race Recode 3</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
450	1	<u>Race Recode 5</u> 0 Other (Puerto Rico only) 1 ... White 2 ... Black 3 ... American Indian 4 ... Asian or Pacific Islander
451-483	33	<u>Reserved Positions</u> These positions are blank.

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<u>Tape Location</u>	<u>Size</u>	<u>Field Item and Code Outline</u>
484-486	3	<u>Hispanic Origin</u>
		100-199 ... Non-Hispanic
		200-209 Spaniard
		210-219 ... Mexican
		260-269 ... Puerto Rican
		270-274 ... Cuban
		275-279 Dominican
		220 Central and South American
		221-230 ... Central American
		231-249 South American
		250-259 Latin American
		280-299 ... Other Hispanic
		996-999 ... Unknown
487	1	<u>Reserved Position</u>
		This position is blank.
488	1	<u>Hispanic Origin/Race Recode</u>
		1 ... Mexican
		2 ... Puerto Rican
		3 ... Cuban
		4 ... Central or South American
		5 ... Other or unknown Hispanic
		6 ... Non - Hispanic white
		7 ... Non - Hispanic black
		8 ... Non - Hispanic other races
		9 ... Hispanic origin unknown

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

Vital Statistics Codes

FIPS Codes

St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA	Place
AL	000	999	9	000	Alabama	AL	000	0000	00000
AK	000	999	9	000	Alaska	AK	000	0000	00000
AZ	000	999	9	000	Arizona	AZ	000	0000	00000
AR	000	999	9	000	Arkansas	AR	000	0000	00000
CA	000	999	9	000	California	CA	000	0000	00000
CO	000	999	9	000	Colorado	CO	000	0000	00000
CT	000	999	9	000	Connecticut	CT	000	0000	00000
DE	000	999	9	000	Delaware	DE	000	0000	00000
DC	000	999	9	000	District of Columbia	DC	000	0000	00000
FL	000	999	9	000	Florida	FL	000	0000	00000
GA	000	999	9	000	Georgia	GA	000	0000	00000
HI	000	999	9	000	Hawaii	HI	000	0000	00000
ID	000	999	9	000	Idaho	ID	000	0000	00000
IL	000	999	9	000	Illinois	IL	000	0000	00000
IN	000	999	9	000	Indiana	IN	000	0000	00000
IA	000	999	9	000	Iowa	IA	000	0000	00000
KS	000	999	9	000	Kansas	KS	000	0000	00000
KY	000	999	9	000	Kentucky	KY	000	0000	00000
LA	000	999	9	000	Louisiana	LA	000	0000	00000
ME	000	999	9	000	Maine	ME	000	0000	00000
MD	000	999	9	000	Maryland	MD	000	0000	00000
MA	000	999	9	000	Massachusetts	MA	000	0000	00000
MI	000	999	9	000	Michigan	MI	000	0000	00000
MN	000	999	9	000	Minnesota	MN	000	0000	00000
MS	000	999	9	000	Mississippi	MS	000	0000	00000
MO	000	999	9	000	Missouri	MO	000	0000	00000
MT	000	999	9	000	Montana	MT	000	0000	00000
NE	000	999	9	000	Nebraska	NE	000	0000	00000
NV	000	999	9	000	Nevada	NV	000	0000	00000
NH	000	999	9	000	New Hampshire	NH	000	0000	00000
NJ	000	999	9	000	New Jersey	NJ	000	0000	00000
NM	000	999	9	000	New Mexico	NM	000	0000	00000
NY	000	999	9	000	New York	NY	000	0000	00000
NC	000	999	9	000	North Carolina	NC	000	0000	00000
ND	000	999	9	000	North Dakota	ND	000	0000	00000
OH	000	999	9	000	Ohio	OH	000	0000	00000
OK	000	999	9	000	Oklahoma	OK	000	0000	00000
OR	000	999	9	000	Oregon	OR	000	0000	00000
PA	000	999	9	000	Pennsylvania	PA	000	0000	00000
RI	000	999	9	000	Rhode Island	RI	000	0000	00000
SC	000	999	9	000	South Carolina	SC	000	0000	00000
SD	000	999	9	000	South Dakota	SD	000	0000	00000
TN	000	999	9	000	Tennessee	TN	000	0000	00000
TX	000	999	9	000	Texas	TX	000	0000	00000
UT	000	999	9	000	Utah	UT	000	0000	00000
VT	000	999	9	000	Vermont	VT	000	0000	00000
VA	000	999	9	000	Virginia	VA	000	0000	00000
WA	000	999	9	000	Washington	WA	000	0000	00000
WV	000	999	9	000	West Virginia	WV	000	0000	00000
WI	000	999	9	000	Wisconsin	WI	000	0000	00000
WY	000	999	9	000	Wyoming	WY	000	0000	00000

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

Vital Statistics Codes					FIPS Codes			
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA Place
PR					Puerto Rico	PR		
	001	000	2	999	Adjuntas		001	0000
	002	001	1	999	Aguada		003	0060
	003	001	1	999	Aguadilla		005	0060
	004	006	1	999	Aguas Buenas		007	7440
	005	000	2	999	Aibonito		009	0000
	006	004	1	999	Anasco		011	4840
	007	002	1	999	Arecibo		013	0470
	008	000	2	999	Arroyo		015	0000
	009	006	1	999	Barceloneta		017	7440
	010	000	2	999	Barranquitas		019	0000
	011	006	1	999	Bayamon		021	7440
	012	004	1	999	Cabo Rojo		023	4840
	013	003	1	999	Caguas		025	1310
	014	002	1	999	Camuy		027	0470
	015	006	1	999	Canovanas		029	7440
	016	006	1	999	Carolina		031	7440
	017	006	1	999	Catano		033	7440
	018	003	1	999	Cayey		035	1310
	019	006	1	999	Celba		037	7440
	020	000	2	999	Ciales		039	0000
	021	003	1	999	Cidra		041	1310
	022	000	2	999	Coamo		043	0000
	023	006	1	999	Comerio		045	7440
	024	006	1	999	Corozal		047	7440
	025	000	2	999	Culebra		049	0000
	026	006	1	999	Dorado		051	7440
	027	006	1	999	Fajardo		053	7440
	028	006	1	999	Florida		054	7440
	029	000	2	999	Guanica		055	0000
	030	000	2	999	Guayama		057	0000
	031	005	1	999	Guayanilla		059	6360
	032	006	1	999	Guaynabo		061	7440
	033	003	1	999	Gurabo		063	1310
	034	002	1	999	Hatillo		065	0470
	035	004	1	999	Hormigueros		067	4840
	036	006	1	999	Humacao		069	7440
	037	000	2	999	Isabela		071	0000
	038	000	2	999	Jayuya		073	0000
	039	005	1	999	Juana Diaz		075	6360
	040	006	1	999	Juncos		077	7440
	041	000	2	999	Lajas		079	0000
	042	000	2	999	Lares		081	0000
	043	000	2	999	Las Marias		083	0000
	044	006	1	999	Las Piedras		085	7440
	045	006	1	999	Loiza		087	7440
	046	006	1	999	Luquillo		089	7440
	047	006	1	999	Manati		091	7440
	048	000	2	999	Maricao		093	0000
	049	000	2	999	Maunabo		095	0000
	050	004	1	999	Mayaguez		097	4840
	051	001	1	999	Moca		099	0060
	052	006	1	999	Morovis		101	7440
	053	006	1	999	Naguabo		103	7440
	054	006	1	999	Naranjito		105	7440
	055	000	2	999	Orocovis		107	0000
	056	000	2	999	Patillas		109	0000
	057	005	1	999	Penuelas		111	6360
	058	005	1	999	Ponce		113	6360
	059	000	2	999	Quebradillas		115	0000
	060	000	2	999	Rincon		117	0000
	061	006	1	999	Rio Grande		119	7440
	062	004	1	999	Sabana Grande		121	4840
	063	000	2	999	Salinas		123	0000
	064	004	1	999	San German		125	4840
	065	006	1	999	San Juan		127	7440
	066	003	1	999	San Lorenzo		129	1310
	067	000	2	999	San Sebastian		131	0000
	068	000	2	999	Santa Isabel		133	0000
	069	006	1	999	Toa Alta		135	7440
	070	006	1	999	Toa Baja		137	7440
	071	006	1	999	Trujillo Alto		139	7440
	072	000	2	999	Utuaado		141	0000
	073	006	1	999	Vega Alta		143	7440
	074	006	1	999	Vega Baja		145	7440

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

Vital Statistics Codes					FIPS Codes			
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA Place
PR	075	000	2	999	Puerto Rico	PR	147	0000
	076	005	1	999	Vieques		149	6360
	077	006	1	999	Villalba		151	7440
	078	005	1	999	Yabucoa		153	6360
VI	001	000	2	999	Virgin Islands	VI	010	0000
	002	000	2	999	St. Croix		020	0000
	003	000	2	999	St. John		030	0000
				001	St. Thomas			
				999	Charlotte Amalie			99999
					Balance of area			99999
GU	000	000	2		Guam	GU	010	0000
				000	Guam			99999
					Guam			
CC	ZZZ	ZZZ	Z	ZZZ	Canada	CC	000	0000 00000
CU	ZZZ	ZZZ	Z	ZZZ	Cuba	CU	000	0000 00000
MX	ZZZ	ZZZ	Z	ZZZ	Mexico	MX	000	0000 00000
YY	ZZZ	ZZZ	Z	ZZZ	Remainder of World	YY	000	0000 00000
AS	000	000	2		American Samoa	AS	000	0000
				000	American Samoa			99999
MP					Northern Marianas	MP		
	000	000	2		Northern Marianas		000	0000
				000	Northern Marianas			99999