VI. List of File Data Elements and Tape Locations

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5. Underlying Cause
   a. ICD-10 code 142-145
   b. 358 cause recode 146-148
   c. 113 cause recode 151-153
   d. 130 cause recode 154-156
   e. 39 cause recode 157-158
   f. Place of injury 141
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6. Multiple Conditions
   a. Entity-Axis conditions
      1. Number of 160-161
      2. The conditions 162-301
   h. Record-Axis conditions
      1. Number of 338-339
      2. The conditions 341-440

1-3  2 Reserved Positions
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## 2002 Mortality Multiple Cause-of-Death Public Use Record

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### United States Occurrence

1. **RESIDENTS**
   State and County of Occurrence and Residence are the same.
2. **NONRESIDENTS**
   State and/or County of Occurrence and Residence are different.

### 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.

### Resident Status - Con.

### Virgin Islands Occurrence
### 2002
### Mortality Multiple Cause-of-Death Public Use Record

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<thead>
<tr>
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<td>4</td>
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<td>FOREIGN RESIDENTS</td>
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<td></td>
<td>Occurred in Virgin Islands to a resident of any other place.</td>
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</table>

**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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### State of Occurrence

**United States**

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### 2002
Mortality Multiple Cause-of-Death Public Use Record

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#### Region

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States are coded within Division.
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29-30 2 Expanded State of Occurrence Code

This item is designed to separately identify New York City records from other New York State records.

United States

| 01 | ... Alabama |
| 02 | ... Alaska  |
| 03 | ... Arizona |
| 04 | ... Arkansas|
| 05 | ... California|
| 06 | ... Colorado|
| 07 | ... Connecticut|
| 08 | ... Delaware |
| 09 | ... District of Columbia |
| 10 | ... Florida |
| 11 | ... Georgia |

29-30 2 Expanded State of Occurrence - Con.

| 12 | ... Hawaii |
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
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<th>Tape Location</th>
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### Tape Location Field Size Item and Code Outline

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<td>Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.</td>
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### 31-32 2 State of Residence

#### United States Occurrence

| 01 | ... Alabama |
| 02 | ... Alaska  |
| 03 | ... Arizona |
| 04 | ... Arkansas|
| 05 | ... California|
| 06 | ... Colorado |
| 07 | ... Connecticut |
| 08 | ... Delaware |
| 09 | ... District of Columbia |
| 10 | ... Florida |
| 11 | ... Georgia |
| 12 | ... Hawaii  |
| 13 | ... Idaho   |
| 14 | ... Illinois|
| 15 | ... Indiana |
| 16 | ... Iowa    |
| 17 | ... Kansas  |
| 18 | ... Kentucky|
| 19 | ... Louisiana|
| 20 | ... Maine   |
| 21 | ... Maryland|
| 22 | ... Massachusetts |
| 23 | ... Michigan |
| 24 | ... Minnesota|
| 25 | ... Mississippi|
| 26 | ... Missouri |
| 27 | ... Montana |
| 28 | ... Nebraska |
| 29 | ... Nevada  |

### 31-32 2 State of Residence - Con.

U.S. Occurrence
### State of Residence - Con.

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**Puerto Rico Occurrence**

52 ... Puerto Rico  
01-51,53-  
57,59,61... Foreign residents: refer to U.S. for specific code structure.

**Virgin Islands Occurrence**

53 ... Virgin Islands  
01-52,54-  
57,59,61... Foreign residents: refer to U.S. for specific code structure.
## 2002
Mortality Multiple Cause-of-Death Public Use Record

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### County of Residence

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<td>... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: to uniquely identify a county, both State and county codes must be used.) A complete list of counties is shown in the Geographic Code outline further back in this document.</td>
</tr>
<tr>
<td></td>
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### City of Residence

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<td>... Cities are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.)</td>
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2002 Mortality Multiple Cause-of-Death Public Use Record

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</tr>
<tr>
<td>2</td>
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</tr>
<tr>
<td>3</td>
<td>...</td>
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</tr>
<tr>
<td>4</td>
<td>...</td>
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</tr>
<tr>
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<td>...</td>
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<td>Item and Code Outline</td>
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<td>------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>44-45</td>
<td>2</td>
<td><strong>Expanded State of Residence Code</strong></td>
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</tbody>
</table>

This item is designed to separately identify New York City records from other New York State records.

**United States Occurrence**

<table>
<thead>
<tr>
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<th>State</th>
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<td>Colorado</td>
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<tr>
<td>07</td>
<td>Connecticut</td>
</tr>
<tr>
<td>08</td>
<td>Delaware</td>
</tr>
<tr>
<td>09</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>10</td>
<td>Florida</td>
</tr>
<tr>
<td>11</td>
<td>Georgia</td>
</tr>
<tr>
<td>12</td>
<td>Hawaii</td>
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<td>13</td>
<td>Idaho</td>
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<tr>
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<td>Illinois</td>
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<td>15</td>
<td>Indiana</td>
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<td>Iowa</td>
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<td>Kansas</td>
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<td>Maine</td>
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<td>33</td>
<td>New York</td>
</tr>
<tr>
<td>34</td>
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<tr>
<td>35</td>
<td>North Carolina</td>
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<tr>
<td>36</td>
<td>North Dakota</td>
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<td>37</td>
<td>Ohio</td>
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<td>38</td>
<td>Oklahoma</td>
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<td>39</td>
<td>Oregon</td>
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</table>
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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<tbody>
<tr>
<td>40</td>
<td></td>
<td>... Pennsylvania</td>
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<tr>
<td>41</td>
<td></td>
<td>... Rhode Island</td>
</tr>
<tr>
<td>42</td>
<td></td>
<td>... South Carolina</td>
</tr>
<tr>
<td>44-45</td>
<td>2</td>
<td>Expanded State of Residence Code - Con.</td>
</tr>
<tr>
<td>43</td>
<td></td>
<td>... South Dakota</td>
</tr>
<tr>
<td>44</td>
<td></td>
<td>... Tennessee</td>
</tr>
<tr>
<td>45</td>
<td></td>
<td>... Texas</td>
</tr>
<tr>
<td>46</td>
<td></td>
<td>... Utah</td>
</tr>
<tr>
<td>47</td>
<td></td>
<td>... Vermont</td>
</tr>
<tr>
<td>48</td>
<td></td>
<td>... Virginia</td>
</tr>
<tr>
<td>49</td>
<td></td>
<td>... Washington</td>
</tr>
<tr>
<td>50</td>
<td></td>
<td>... West Virginia</td>
</tr>
<tr>
<td>51</td>
<td></td>
<td>... Wisconsin</td>
</tr>
<tr>
<td>52</td>
<td></td>
<td>... Wyoming</td>
</tr>
<tr>
<td>53-58, 60, 62</td>
<td></td>
<td>... Foreign Residents</td>
</tr>
<tr>
<td>53</td>
<td></td>
<td>... Puerto Rico</td>
</tr>
<tr>
<td>54</td>
<td></td>
<td>... Virgin Island</td>
</tr>
<tr>
<td>55</td>
<td></td>
<td>... Guam</td>
</tr>
<tr>
<td>56</td>
<td></td>
<td>... Canada</td>
</tr>
<tr>
<td>57</td>
<td></td>
<td>... Cuba</td>
</tr>
<tr>
<td>58</td>
<td></td>
<td>... Mexico</td>
</tr>
<tr>
<td>60</td>
<td></td>
<td>... Remainder of the world</td>
</tr>
<tr>
<td>62</td>
<td></td>
<td>... American Samoa</td>
</tr>
</tbody>
</table>

Puerto Rico Occurrence

| 53 | ... Puerto Rico |
| 01-52, 54- | |
| 58,60,62 | ... Foreign residents: refer to U.S. for specific code structure. |

Virgin Islands Occurrence

| 54 | ... Virgin Islands |
| 01-53,55- | |
| 58,60,62 | ... Foreign residents: refer to U.S. for specific code structure. |

Guam Occurrence

| 55 | ... Guam |
| 01-52 | ... U.S. resident. Also considered a resident of Guam. |
| 53-54, 56-58, | |
| 60,62 | ... Foreign residents: refer to U.S. for specific code structure. |

American Samoa Occurrence

| 62 | ... American Samoa |
| 01-58, | |
| 60 | ... Foreign residents: refer to U.S. for specific code structure. |
### Expanded State of Residence - Con.

*Northern Marianas Occurrence*

- 63 ... Northern Marianas
- 01-58, 60,62 ... Foreign residents: refer to U.S. for specific code structure.

### NCHS PMSA/MSA of Residence

Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.

Further back in this document is a list of PMSA=s, MSA=s, NECMA=s, and their component counties.

- 000 ... Nonmetropolitan counties
- 001-311 ... Code range
- 999 ... Area of less than 100,000 population
- ZZZ ... Foreign residents

### Population Size of County of Occurrence

Based on the results of the 1990 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

### Population Size of County of Residence

Based on the results of the 1990 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 ... Count of less than 100,000
- Z ... Foreign residents
### 2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th></th>
<th>51 1</th>
<th><strong>PMSA/MSA Population Size</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Based on the results of the 1990 Census</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>... Area of 250,000 or more</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>... Area of 100,000 to 250,000</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>... Area of less than 100,000 or nonmetropolitan area</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>... Foreign residents</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>52-53 2</th>
<th><strong>Education</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>00</td>
<td>... No formal education</td>
</tr>
<tr>
<td></td>
<td>01-08</td>
<td>... Years of elementary school</td>
</tr>
<tr>
<td></td>
<td>09</td>
<td>... 1 year of high school</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>... 2 years of high school</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>... 3 years of high school</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>... 4 years of high school</td>
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<tr>
<td></td>
<td>13    13</td>
<td>... 1 year of college</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>... 2 years of college</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>... 3 years of college</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>... 4 years of college</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>... 5 or more years of college</td>
</tr>
<tr>
<td></td>
<td>99</td>
<td>... Not stated</td>
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<table>
<thead>
<tr>
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<th><strong>Education Recode</strong></th>
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<tbody>
<tr>
<td></td>
<td>1</td>
<td>... 0 - 8 years</td>
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<tr>
<td></td>
<td>2</td>
<td>... 9 - 11 years</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>... 12 years</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>... 13 - 15 years</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>... 16 years or more</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>... Not stated</td>
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<table>
<thead>
<tr>
<th></th>
<th>55-56 2</th>
<th><strong>Month of Death</strong></th>
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<tr>
<td></td>
<td>01</td>
<td>... January</td>
</tr>
<tr>
<td></td>
<td>02</td>
<td>... February</td>
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<tr>
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<td>03</td>
<td>... March</td>
</tr>
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<tr>
<td></td>
<td>06</td>
<td>... June</td>
</tr>
<tr>
<td></td>
<td>07</td>
<td>... July</td>
</tr>
<tr>
<td></td>
<td>08</td>
<td>... August</td>
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</table>
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
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<tbody>
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<td>September</td>
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<tr>
<td>10</td>
<td>...</td>
<td>October</td>
</tr>
<tr>
<td>11</td>
<td>...</td>
<td>November</td>
</tr>
<tr>
<td>12</td>
<td>...</td>
<td>December</td>
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57-58 2 Reserved Positions

59 1 Sex

<p>| | |</p>
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<thead>
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<tbody>
<tr>
<td>1</td>
<td>Male</td>
</tr>
<tr>
<td>2</td>
<td>Female</td>
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</table>

60-63 4 RACE

60-61 2 Detail Race

United States Occurrence

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, code 09 (all other races) has been imputed.

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

Puerto Rico Occurrence

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>00</td>
<td>Other races</td>
</tr>
<tr>
<td>01</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
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Virgin Islands Occurrence

<p>| | |</p>
<table>
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<tr>
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<tbody>
<tr>
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### Detail Race - Con.

**Guam Occurrence**

<table>
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<td>02</td>
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<tr>
<td>03</td>
<td>...</td>
<td>American Indian (includes Aleuts and Eskimos)</td>
</tr>
<tr>
<td>04</td>
<td>...</td>
<td>Chinese</td>
</tr>
<tr>
<td>05</td>
<td>...</td>
<td>Japanese</td>
</tr>
<tr>
<td>06</td>
<td>...</td>
<td>Hawaiian (includes Part-Hawaiian)</td>
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<tr>
<td>07</td>
<td>...</td>
<td>Filipino</td>
</tr>
<tr>
<td>08</td>
<td>...</td>
<td>Other Asian or Pacific Islander</td>
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</table>

**American Samoa Occurrence**

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>...</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
<td>...</td>
<td>Black</td>
</tr>
<tr>
<td>03</td>
<td>...</td>
<td>American Indian (includes Aleuts and Eskimos)</td>
</tr>
<tr>
<td>04</td>
<td>...</td>
<td>Chinese</td>
</tr>
<tr>
<td>05</td>
<td>...</td>
<td>Japanese</td>
</tr>
<tr>
<td>06</td>
<td>...</td>
<td>Hawaiian (includes Part-Hawaiian)</td>
</tr>
<tr>
<td>07</td>
<td>...</td>
<td>Filipino</td>
</tr>
<tr>
<td>08</td>
<td>...</td>
<td>Other Asian or Pacific Islander</td>
</tr>
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</table>

**Northern Marianas Occurrence**

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
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<tbody>
<tr>
<td>01</td>
<td>...</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
<td>...</td>
<td>Black</td>
</tr>
<tr>
<td>03</td>
<td>...</td>
<td>American Indian (includes Aleuts and Eskimos)</td>
</tr>
<tr>
<td>04</td>
<td>...</td>
<td>Chinese</td>
</tr>
<tr>
<td>05</td>
<td>...</td>
<td>Japanese</td>
</tr>
<tr>
<td>06</td>
<td>...</td>
<td>Hawaiian (includes Part-Hawaiian)</td>
</tr>
<tr>
<td>07</td>
<td>...</td>
<td>Filipino</td>
</tr>
<tr>
<td>18</td>
<td>...</td>
<td>Asian Indian</td>
</tr>
<tr>
<td>28</td>
<td>...</td>
<td>Korean</td>
</tr>
<tr>
<td>38</td>
<td>...</td>
<td>Samoan</td>
</tr>
<tr>
<td>48</td>
<td>...</td>
<td>Vietnamese</td>
</tr>
<tr>
<td>58</td>
<td>...</td>
<td>Guamanian</td>
</tr>
<tr>
<td>68</td>
<td>...</td>
<td>Other Asian or Pacific Islander in areas reporting codes 18-58</td>
</tr>
<tr>
<td>78</td>
<td>...</td>
<td>Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately</td>
</tr>
</tbody>
</table>
### Tape Field Item and Code Outline

<table>
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<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>62 1</td>
<td>Race Recode 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 ... White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 ... Races other than White or Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 ... Black</td>
</tr>
<tr>
<td></td>
<td>63 1</td>
<td>Race Recode 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 ... White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 ... All other races</td>
</tr>
<tr>
<td></td>
<td>64-74 11</td>
<td>REPORTED AGE</td>
</tr>
<tr>
<td></td>
<td>64-66 3</td>
<td>Detail Age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 01-99 ... Years less than 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 00-99 ... Years 100 or more</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 01-11,99 ... Months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 01-03,99 ... Weeks</td>
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<tr>
<td></td>
<td></td>
<td>4 01-27,99 ... Days</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 01-23, 99 ... Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 01-59, 99 ... Minutes</td>
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<tr>
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<td></td>
<td>9 99 ... Age not stated</td>
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<td></td>
<td>67-68 2</td>
<td>Age Recode 52</td>
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<td></td>
<td>01 ... Under 1 hour (includes not stated hours and minutes)</td>
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<td>02 ... 1 - 23 hours</td>
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<tr>
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<td></td>
<td>03 ... 1 day (includes not stated days)</td>
</tr>
<tr>
<td></td>
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<td></td>
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<td>08 ... 6 days</td>
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<td></td>
<td>09 ... 7 - 13 days (includes not stated weeks)</td>
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<td>11 ... 21 - 27 days</td>
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<td>12 ... 1 month (includes not stated months)</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>16 ... 5 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 ... 6 months</td>
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### 2002 Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
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<tr>
<td>18</td>
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<td>21</td>
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<td>22</td>
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<td>23</td>
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<td>1 year</td>
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<td>25</td>
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<td>4 years</td>
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<td>67-68</td>
<td>2</td>
<td>Age Recode 52 - Con.</td>
</tr>
<tr>
<td>27</td>
<td>...</td>
<td>5 - 9 years</td>
</tr>
<tr>
<td>28</td>
<td>...</td>
<td>10 - 14 years</td>
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<tr>
<td>29</td>
<td>...</td>
<td>15 - 19 years</td>
</tr>
<tr>
<td>30</td>
<td>...</td>
<td>20 - 24 years</td>
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<td>35 - 39 years</td>
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<td>...</td>
<td>40 - 44 years</td>
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<td>35</td>
<td>...</td>
<td>45 - 49 years</td>
</tr>
<tr>
<td>36</td>
<td>...</td>
<td>50 - 54 years</td>
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<tr>
<td>37</td>
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<td>55 - 59 years</td>
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<td>38</td>
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<td>60 - 64 years</td>
</tr>
<tr>
<td>39</td>
<td>...</td>
<td>65 - 69 years</td>
</tr>
<tr>
<td>40</td>
<td>...</td>
<td>70-74 years</td>
</tr>
<tr>
<td>41</td>
<td>...</td>
<td>75-79 years</td>
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<tr>
<td>42</td>
<td>...</td>
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<td>47</td>
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<td>105 - 109 years</td>
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<td>48</td>
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<td>50</td>
<td>...</td>
<td>120 - 124 years</td>
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<tr>
<td>51</td>
<td>...</td>
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<tr>
<td>52</td>
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</tr>
</tbody>
</table>

### Age Recode 27

<p>| 01            | ...        | Under 1 month (includes not stated weeks, days, hours, and minutes) |
| 02            | ...        | 1 month - 11 months (includes not stated months)                  |
| 03            | ...        | 1 years                                                           |
| 04            | ...        | 2 years                                                           |
| 05            | ...        | 3 years                                                           |
| 06            | ...        | 4 years                                                           |
| 07            | ...        | 5 - 9 years                                                       |</p>
<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>08</td>
<td>...</td>
<td>10 - 14 years</td>
</tr>
<tr>
<td>09</td>
<td>...</td>
<td>15 - 19 years</td>
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<tr>
<td>10</td>
<td>...</td>
<td>20 - 24 years</td>
</tr>
<tr>
<td>11</td>
<td>...</td>
<td>25 - 29 years</td>
</tr>
<tr>
<td>12</td>
<td>...</td>
<td>30 - 34 years</td>
</tr>
<tr>
<td>13</td>
<td>...</td>
<td>35 - 39 years</td>
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<tr>
<td>14</td>
<td>...</td>
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<tr>
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<td>45 - 49 years</td>
</tr>
<tr>
<td>16</td>
<td>...</td>
<td>50 - 54 years</td>
</tr>
<tr>
<td>17</td>
<td>...</td>
<td>55 - 59 years</td>
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<tr>
<td>69-70</td>
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</tr>
<tr>
<td>18</td>
<td>...</td>
<td>60 - 64 years</td>
</tr>
<tr>
<td>19</td>
<td>...</td>
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<tr>
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<td>...</td>
<td>70 - 74 years</td>
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<td>75 - 79 years</td>
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<td>80 - 84 years</td>
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<tr>
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<tr>
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<tr>
<td>25</td>
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<td>95 - 99 years</td>
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<tr>
<td>71-72</td>
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<tr>
<td>01</td>
<td>...</td>
<td>Under 1 year (includes not stated infant ages)</td>
</tr>
<tr>
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<tr>
<td>03</td>
<td>...</td>
<td>5 - 14 years</td>
</tr>
<tr>
<td>04</td>
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<td>15 - 24 years</td>
</tr>
<tr>
<td>05</td>
<td>...</td>
<td>25 - 34 years</td>
</tr>
<tr>
<td>06</td>
<td>...</td>
<td>35 - 44 years</td>
</tr>
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<td>07</td>
<td>...</td>
<td>45 - 54 years</td>
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<td>...</td>
<td>55 - 64 years</td>
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<td>65 - 74 years</td>
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<td>75 - 84 years</td>
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<td>...</td>
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<td>Age 1 year and over or not stated</td>
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<td>...</td>
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<tr>
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<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>
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<td>4 days</td>
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### Infant Age Recode 22 - Con.

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<tr>
<td>09</td>
<td>...</td>
<td>7 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>
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<td>4 months</td>
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<td>...</td>
<td>10 months</td>
</tr>
<tr>
<td>22</td>
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<td>11 months</td>
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### Place of Death and Decedent's Status

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<td>Hospital, clinic or Medical Center</td>
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<td></td>
<td></td>
<td>- Inpatient</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Hospital, Clinic or Medical Center</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Outpatient or admitted to Emergency Room</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Hospital, Clinic or Medical Center</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Dead on Arrival</td>
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<tr>
<td>4</td>
<td></td>
<td>Hospital, Clinic or Medical Center</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Patient status unknown</td>
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<tr>
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<td></td>
<td>Nursing home</td>
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<td></td>
<td>Residence</td>
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<td>Other</td>
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### Reserved Position

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### Marital Status

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<th>Item and Code Outline</th>
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<tr>
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<td></td>
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<tr>
<td>3</td>
<td></td>
<td>Widowed</td>
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<tr>
<td>4</td>
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<td>Divorced</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Marital Status not on certificate</td>
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### State of Birth

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<tr>
<td>78-79</td>
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<td>State of Birth</td>
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## 2002 Mortality Multiple Cause-of-Death Public Use Record

<table>
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<th>Field Size</th>
<th>Item and Code Outline</th>
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<td>... Colorado</td>
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<td></td>
<td>... Connecticut</td>
</tr>
<tr>
<td>08</td>
<td></td>
<td>... Delaware</td>
</tr>
<tr>
<td>09</td>
<td></td>
<td>... District of Columbia</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>... Florida</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>... Georgia</td>
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</table>
| 78-79         | 2          | State of Birth - Con.
| 12            |            | ... Hawaii            |
| 13            |            | ... Idaho             |
| 14            |            | ... Illinois          |
| 15            |            | ... Indiana           |
| 16            |            | ... Iowa              |
| 17            |            | ... Kansas            |
| 18            |            | ... Kentucky          |
| 19            |            | ... Louisiana         |
| 20            |            | ... Maine             |
| 21            |            | ... Maryland          |
| 22            |            | ... Massachusetts     |
| 23            |            | ... Michigan          |
| 24            |            | ... Minnesota         |
| 25            |            | ... Mississippi       |
| 26            |            | ... Missouri          |
| 27            |            | ... Montana           |
| 28            |            | ... Nebraska          |
| 29            |            | ... Nevada            |
| 30            |            | ... New Hampshire     |
| 31            |            | ... New Jersey        |
| 32            |            | ... New Mexico        |
| 33            |            | ... New York          |
| 34            |            | ... North Carolina    |
| 35            |            | ... North Dakota      |
| 36            |            | ... Ohio              |
| 37            |            | ... Oklahoma          |
| 38            |            | ... Oregon            |
| 39            |            | ... Pennsylvania      |
| 40            |            | ... Rhode Island      |
| 41            |            | ... South Carolina    |
| 42            |            | ... South Dakota      |
| 43            |            | ... Tennessee         |
| 44            |            | ... Texas             |
| 45            |            | ... Utah              |
| 46            |            | ... Vermont           |
### 2002 Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-79</td>
<td>2</td>
<td>State of Birth - Con.</td>
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<tr>
<td></td>
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<tr>
<td>80-81</td>
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<td>Hispanic Origin</td>
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<tr>
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<td></td>
<td>Beginning data year 1997 all States report Hispanic Origin.</td>
</tr>
<tr>
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<td></td>
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<tr>
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<td>1</td>
<td>Hispanic Origin/Race Recode</td>
</tr>
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<td>83</td>
<td>1</td>
<td>Day of Week of Death</td>
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</tbody>
</table>
### 2002 Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td>Thursday</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Friday</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Saturday</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Reserved Positions**

| 84-96         | 13         | Reserved Positions                                         |

**Place (city) of Residence (FIPS)**

A complete list of cities is shown in the Geographic code outline further back in this document. Effective with the 1994 data year, the FIPS place code has been added to the Mortality record. It identifies each city of 100,000 population or more in 1990.

- 00000 ... Foreign residents
- 00001-nnnnn ... code range
- 99999 ... Balance of county; or city of less than 100,000 population

**Reserved Positions**

| 97-101        | 5          | Place (city) of Residence (FIPS)                           |

**Current Data Year**

| 102-114       | 13         | Reserved Positions                                         |

| 115-118       | 4          | Current Data Year                                          |

| 2002          | ...2002    |                                                            |

**FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES**

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 1990 Census.

**State of Occurrence (FIPS)**

United States

- 01 ... Alabama
- 02 ... Alaska
- 04 ... Arizona
<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>05</td>
<td></td>
<td>... Arkansas</td>
</tr>
<tr>
<td>06</td>
<td></td>
<td>... California</td>
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<td>... Connecticut</td>
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<tr>
<td>10</td>
<td></td>
<td>... Delaware</td>
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<tr>
<td>11</td>
<td></td>
<td>... District of Columbia</td>
</tr>
<tr>
<td>12</td>
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## 2002 Mortality Multiple Cause-of-Death Public Use Record

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<tr>
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</table>

119-120 2 **State of Occurrence (FIPS) - Con.**

- American Samoa
- 60 ... American Samoa
- Northern Marianas
- 69 ... Northern Marianas

121-123 3 **County of Occurrence (FIPS)**

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 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.

- 001-nnn ... Code range
- 999 ... County of less than 100,000 population

124-125 2 **State of Residence (FIPS)**

- 00 ... Foreign residents
- 01 ... Alabama
- 02 ... Alaska
- 04 ... Arizona
- 05 ... Arkansas
- 06 ... California
- 08 ... Colorado
- 09 ... Connecticut
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<tr>
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Puerto Rico Occurrence
2002
Mortality Multiple Cause-of-Death Public Use Record

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<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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<td></td>
<td>Foreign residents: refer to U.S. for specific code structure.</td>
</tr>
<tr>
<td>78</td>
<td>...</td>
<td>Foreign residents: refer to U.S. for specific code structure.</td>
</tr>
</tbody>
</table>

Virgin Islands Occurrence

| 78            | ...       | Virgin Islands       |
| 00-56,60,66,  |           | Foreign residents: refer to U.S. for specific code structure. |
| 72            | ...       | Foreign residents: refer to U.S. for specific code structure. |

Guam Occurrence

| 66            | ...       | Guam                 |
| 01-56         | ...       | U.S. Resident. Also considered a resident of Guam. |
| 00, 60, 72, 78| ...       | Foreign residents: refer to U.S. for specific code structure. |

State of Residence (FIPS) - Con.

American Samoa Occurrence

| 60            | ...       | American Samoa       |
| 00-56, 66,    |           | Foreign residents: refer to U.S. for specific code structure. |
| 72, 78        | ...       | Foreign residents: refer to U.S. for specific code structure. |

Northern Marianas Occurrence

| 69            | ...       | Northern Marianas    |
| 00-56,60,66   |           | Foreign residents: refer to U.S. for specific code structure. |
| 72,78         | ...       | Foreign residents: refer to U.S. for specific code structure. |

County of Residence (FIPS)

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 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.

| 000           | ...       | Foreign residents    |
| 001-nnn       | ...       | Code range           |
| 999           | ...       | County of less than 100,000 population |

PMSA/MSA of Residence (FIPS)

Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are
### 2002
Mortality Multiple Cause-of-Death Public Use Record

#### Tape Location, Field Size, Item and Code Outline

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<thead>
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<th>Tape Location</th>
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<th>Item and Code Outline</th>
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<tr>
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<td>those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Further back in this document is a list of PMSA=s, MSA=s, NECMA=s, and their component counties.</td>
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<td>0000</td>
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<td>Nonmetropolitan counties or foreign residents</td>
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<tr>
<td>9999</td>
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<td>Area of less than 100,000 population</td>
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133 1 Reserved Position

134-135 2 CMSA of Residence (FIPS)

Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of 1990.

#### All Areas

| 00 | ... | Not a CMSA |

#### United States Occurrence

| 07 | ... | Boston - Worcester-Lawrence, MA-NH-ME-CT, CMSA |
| 14 | ... | Chicago - Gary-Kenosha, IL-IN-WI, CMSA |
| 21 | ... | Cincinnati - Hamilton, OH-KY-IN, CMSA |
| 28 | ... | Cleveland - Akron, OH, CMSA |
| 31 | ... | Dallas - Fort Worth, TX, CMSA |
| 34 | ... | Denver - Boulder-Greeley, CO, CMSA |
| 35 | ... | Detroit - Ann Arbor-Flint, MI, CMSA |
| 42 | ... | Houston - Galveston-Brazoria, TX, CMSA |
| 49 | ... | Los Angeles -Riverside- Orange County, CA, CMSA |
| 56 | ... | Miami - Fort Lauderdale, FL, CMSA |

134-135 2 CMSA of Residence (FIPS)

| 63 | ... | Milwaukee - Racine, WI, CMSA |
| 70 | ... | New York -Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA |
| 77 | ... | Philadelphia - Wilmington-Atlantic City, PA-NJ-DE-MD. CMSA |
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
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<th>Tape Location</th>
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<th>Item and Code Outline</th>
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<td>82</td>
<td>...</td>
<td>Sacramento - Yolo, CA, CMSA</td>
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<td>84</td>
<td>...</td>
<td>San Francisco -Oakland-San Jose, CA, CMSA</td>
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<td>Seattle - Tacoma-Bremerton, WA, CMSA</td>
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<tr>
<td>97</td>
<td>...</td>
<td>Washington - Baltimore, DC-MD-VA-WV, CMSA</td>
</tr>
<tr>
<td></td>
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<td>Puerto Rico Occurrence</td>
</tr>
<tr>
<td>87</td>
<td>...</td>
<td>San Juan -Caguas-Arecibo, PR, CMSA</td>
</tr>
</tbody>
</table>

136  1  Injury at Work

1   ...   Yes
2   ...   No
9   ...   Unknown

137  1  Race Imputation Flag

Blank   ...   Race is not imputed
1   ...   Unknown race is imputed
2   ...   All other races, formerly code 09, is imputed

138  1  Age Substitution Flag

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

1   ...   Calculated age is substituted for reported age

139  1  Manner of Death

1   ...   Accident
2   ...   Suicide
3   ...   Homicide
4   ...   Pending investigation
5   ...   Could not determine
6   ...   Self-Inflicted
7   ...   Natural
blank   ...   Not specified

140  1  Activity Code

0   ...   While engaged in sports activity
1   ...   While engaged in leisure activity
2   ...   While working for income
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
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<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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<td>3</td>
<td>...</td>
<td>While engaged in other types of work</td>
</tr>
<tr>
<td>4</td>
<td>...</td>
<td>While resting, sleeping, eating (vital activities)</td>
</tr>
<tr>
<td>8</td>
<td>...</td>
<td>While engaged in other specified activities</td>
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<tr>
<td>9</td>
<td>...</td>
<td>During unspecified activity</td>
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141 1 Place of Injury for Causes W00-Y34, except Y06.- and Y07.-

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<th>Place of Injury</th>
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<tr>
<td>2</td>
<td>School, other institution and public administrative area</td>
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<td>3</td>
<td>Sports and athletics area</td>
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<tr>
<td>4</td>
<td>Street and highway</td>
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<tr>
<td>5</td>
<td>Trade and service area</td>
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<tr>
<td>6</td>
<td>Industrial and construction area</td>
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<tr>
<td>7</td>
<td>Farm</td>
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<tr>
<td>8</td>
<td>Other Specified Places</td>
</tr>
<tr>
<td>9</td>
<td>Unspecified place</td>
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<tr>
<td>Blank</td>
<td>Causes other than W00-Y34, except Y06.- and Y07.-</td>
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</tbody>
</table>

142-159 18 UNDERLYING CAUSE OF DEATH

142-145 4 ICD Code (10th Revision)

See the International Classification of Diseases, 1992 Revision, Volume 1.

146-148 3 358 Cause Recode

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

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

149-150 2 Reserved Positions

151-153 3 113 Cause Recode

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

001-135 ... Code range (not inclusive)

154-156 3 130 Infant Cause Recode

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.**
2002
Mortality Multiple Cause-of-Death Public Use Record

<table>
<thead>
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<th>Field Size</th>
<th>Item and Code Outline</th>
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<td>...</td>
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<td>39 Cause Recode</td>
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<td>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.</td>
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<tr>
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<td>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.</td>
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<td>Position 1: Part/line number on certificate</td>
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### 2002
Mortality Multiple Cause-of-Death Public Use Record

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</tr>
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<tr>
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</tr>
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<td>246-252</td>
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<tr>
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</tr>
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<td>253-259</td>
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</tr>
<tr>
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<tr>
<td>267-273</td>
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<td>17th Condition</td>
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<td>281-287</td>
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<td>18th Condition</td>
</tr>
<tr>
<td>288-294</td>
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<td>19th Condition</td>
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<tr>
<td>295-301</td>
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<td>20th Condition</td>
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<td>302-337</td>
<td>36</td>
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</table>

36
Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. The 5th position will be blank. Records that do not have 20 conditions are blank in the unused area.

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

<table>
<thead>
<tr>
<th>Tape Location</th>
<th>Field Size</th>
<th>Item and Code Outline</th>
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<td>5</td>
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<td>5</td>
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