**Other Useful ICD-10-CM Regular Expressions**

**Injury surveillance case definition***

<table>
<thead>
<tr>
<th>Row</th>
<th>Description</th>
<th>Full Regular Expression</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Diagnosis codes (S &amp; T codes) included for injury surveillance</td>
<td>(S....</td>
</tr>
<tr>
<td>2</td>
<td>Diagnosis codes (selected T codes) included for injury surveillance that convey external cause (mechanism and intent) information</td>
<td>(!<a href="image">Regular Expression</a> )....(A</td>
</tr>
<tr>
<td>3</td>
<td>External cause codes (V, W, X, Y codes) included for injury surveillance</td>
<td>(!<a href="image">Regular Expression</a> )....(A</td>
</tr>
<tr>
<td>4</td>
<td>All codes included for injury surveillance that convey external cause (mechanism and intent) information (Row 2+ Row 3)</td>
<td>(!<a href="image">Regular Expression</a> )....(A</td>
</tr>
</tbody>
</table>

*T30-32 have 4-5 characters only, Y07 has 4-6 characters only, Y09 has 3 characters only

**FY2017 Changes affecting regular expressions (effective Oct 1, 2016):**
- T84.04 was retired and replaced by M97.0

**FY2018 Changes affecting regular expressions (effective Oct 1, 2017):**
- T07 retired and replaced by T07xxxA, T07xxxD, T07xxxS
- T14.8 retired and replaced by T14.8xxA, T14.8xxD, T14.8xxS
- T14.90 retired and replaced by T14.90xA, T14.90xA, T14.90xA
- T14.91 retired and replaced by T14.91xA, T14.91xD, T14.91xS

**FY2019 Changes affecting regular expressions (effective Oct 1, 2018):**
- None

**FY2020 Changes affecting regular expressions (effective Oct 1, 2019):**
- None

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This document was developed as part of the CSTE ICD-10-CM Injury Surveillance Toolkit.
How to use these Regular Expressions

Preparing the Hospitalization Dataset
- If Primary Diagnosis matches Row 1 Regex then include in Hospitalization Injury Subset

Preparing the ED Dataset
- Create array of all ICD-coded fields
- If any code in the array matches Row 1 Regex OR Row 3 Regex then include in ED Injury Subset

Calculating external cause coding rate
- Create Injury Subset
- Create array of all ICD-coded fields
- If any code in the array matches Row 4 Regex then the record has a valid external cause code
**Not included for injury surveillance**

<table>
<thead>
<tr>
<th>Category</th>
<th>Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity external cause codes</td>
<td>Y93</td>
</tr>
<tr>
<td>Location external cause codes</td>
<td>Y92</td>
</tr>
<tr>
<td>Status external cause codes</td>
<td>Y99</td>
</tr>
</tbody>
</table>
Change Log

8/15/19
- “T75.1” Added to External Cause Codes included for injury surveillance (Correction in Row 2 & Row 4)
- Added instructions for using the regular expressions

8/23/19
- Corrections to account for codes “T07”, “T14.8”, “T14.90”, “T14.91” updated in FY2018 code set (Corrections made in Row 1, Row 2, Row 4)

11/21/19
- “T75.4” Added to External Cause Codes included for injury surveillance (Correction in Row 2 & Row 4)