PDI #17 Perforated Appendix Admission Rate

Area-Level Indicator

**Numerator**

Discharges ages 1 to 17 years with ICD-9-CM diagnosis code for perforations or abscesses of appendix in any field.

*ICD-9-CM Perforated Appendix diagnosis codes* (outcome of interest):

5400  AC APPEND W PERITONITIS  
5401  ABSCESS OF APPENDIX

Exclude cases:
- transfer from other institution,
- MDC 14 (pregnancy, childbirth, and puerperium)

See *Pediatric Quality Indicators Appendices*:
- Appendix J – Admission Codes for Transfers

**Denominator**

All non-maternal discharges ages 1 to 17 years in Metro Area\(^1\) or county with diagnosis code for appendicitis in any field.

*ICD-9-CM Appendicitis diagnosis codes* (population at risk):

---

\(^1\) The term “metropolitan area” (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs) and primary metropolitan statistical areas (PMSAs). In addition, “area” could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area or 3) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5400</td>
<td>AC APPEND W PERITONITIS</td>
<td>5409</td>
<td>ACUTE APPENDICITIS NOS</td>
</tr>
<tr>
<td>5401</td>
<td>ABSCESS OF APPENDIX</td>
<td>541</td>
<td>APPENDICITIS NOS</td>
</tr>
</tbody>
</table>