Data Quality Report on Comorbidity Diagnostic Persistence

For: Autism, Ischaemic Heart Disease, Schizophrenia, Parkinson’s Disease and Dementia (Alzheimer’s and Vascular)

Published 7th November 2017

Diagnostic codes for conditions that do not subside should not be lost from patient records over time – this “diagnostic persistence” is a measure of data quality. This factsheet highlights the proportion of patient episodes that include, or omit, a code for one of five clinical diagnoses where there is reason to expect that a code should continue to be recorded. We reviewed diagnostic codes for all episodes of hospital care over a three month period, and then looked back to compare whether a relevant code was previously recorded.

Key findings

Between April and June 2017:

**Autism**

is the worst coded condition

Autism was not coded in 51.5% patient episodes in the period. The national average for all conditions was 42.6%. The previous national average between Jan-Mar 17 was 42.5%.

For patients previously recorded as having any 1 of the 5 conditions

0 of 248 providers added the expected diagnostic code to every episode of care

15 of 248 providers failed to code any expected episode correctly

Note: Previously the report between Jan-Mar 17 had 255 providers, the 7 missing are made up of the following, 4 new providers appear in this report and 11 providers are missing that previously appeared.

---

Percentage not reported per condition

These conditions are clinically relevant to every patient episode; the graph shows the extent to which they are coded

- % NOT REPORTED (Jan-Mar 17)
- % NOT REPORTED (Apr-Jun 17)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Jan-Mar 17</th>
<th>Apr-Jun 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autism</td>
<td>50.7%</td>
<td>51.5%</td>
</tr>
<tr>
<td>Schizophrenia</td>
<td>47.8%</td>
<td>48.7%</td>
</tr>
<tr>
<td>Ischaemic Heart Disease</td>
<td>43.2%</td>
<td>43.1%</td>
</tr>
<tr>
<td>Dementia</td>
<td>41.2%</td>
<td>41.7%</td>
</tr>
<tr>
<td>Parkinsons</td>
<td>29.2%</td>
<td>29.1%</td>
</tr>
</tbody>
</table>

Percentage of episodes not reported

www.digital.nhs.uk

enquiries@nhsdigital.nhs.uk