NHS Digital

Data Quality Report on Comorbidity Diagnostic Persistence

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

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

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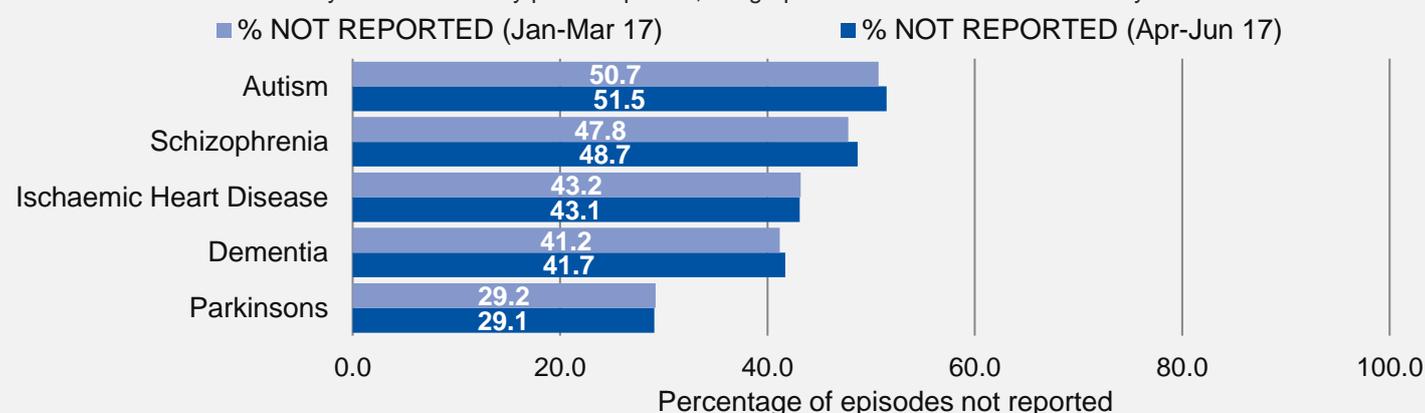**providers added the expected diagnostic code to every episode of care**

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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)

Condition	Jan-Mar 17	Apr-Jun 17
Autism	50.7	51.5
Schizophrenia	47.8	48.7
Ischaemic Heart Disease	43.2	43.1
Dementia	41.2	41.7
Parkinsons	29.2	29.1

Percentage of episodes not reported (x-axis: 0.0, 20.0, 40.0, 60.0, 80.0, 100.0)

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