

## **Announcement of methodological changes to the Summary Hospital-level Mortality Indicator (SHMI)**

### **Background**

The Organisation Data Service (ODS) is responsible for publishing codes that identify organisations across the health and social care sector. Previously, it has been possible to identify the type of organisation from the way that the code is structured. For example, NHS trusts had codes beginning with the letter 'R'.

From 1 October 2020 onwards, any new organisation codes that are created will be given an ANANA code format (meaning the code will consist of 5 alternating alphabetic and numeric characters e.g. G7H8J). It will no longer be possible to identify the type of organisation from the structure of the organisation code. Instead, the RoleId field in the ODS reference data will identify the type of organisation. For example, codes where RoleId = 'RO197' are NHS trusts.

Codes issued prior to 1 October 2020 will not be converted to the new ANANA format. Further information on these changes is available on the ODS website at <https://digital.nhs.uk/services/organisation-data-service>.

This means that some changes are required to the SHMI methodology, and these are described in detail below.

### **Methodological changes**

#### **Trust level data**

Previously, the SHMI included records from the Hospital Episode Statistics (HES) provider spells dataset where the mapped provider code (PROCODET\_MAPPED field) started with the letter 'R' and was not included in the list of excluded trusts in Appendix C of the SHMI methodology specification, available to download from <https://digital.nhs.uk/SHMI>.

Going forwards, the SHMI will include records from the HES provider spells dataset where the mapped provider code has a RoleId of 'RO197' in the ODS reference data and is not included in the list of excluded trusts in Appendix C of the SHMI methodology specification.

#### **Site level data**

The site level breakdown of the SHMI data contains some additional fields to aid in its interpretation, including the number of providers at the site, site type and site owner.

Previously, the site owner field was assigned using the following rules:

- If the 'Site type' contains the word 'community' then 'Site owner' = Trust
- If the 'Site type' contains the word 'independent' then 'Site owner' = Private
- If the 1st 2 characters of the site code (SITETRET\_MAPPED) are 'NT' then 'Site owner' = Private
- If the 1st character of the site code is 'R' then 'Site owner' = Trust
- Otherwise, 'Site owner' = Not Provided.

Going forwards, the site owner field will be assigned using the following rules:

- If the 'Site type' contains the word 'community' then 'Site owner' = Trust
- If the 'Site type' contains the word 'independent' then 'Site owner' = Private
- If the site code (SITETRET\_MAPPED) has RoleID = 'RO176' in the ODS reference data (independent sector healthcare provider) then 'Site owner' = Private
- If the site code has RoleID = 'RO198' in the ODS reference data (NHS trust site) then 'Site owner' = Trust
- Otherwise, 'Site owner' = Not Provided.

## Timing

The first publication to be affected by this change will be the March 2021 release, which will cover discharges in the period November 2019 – October 2020.

## Impact

There will be no impact on the trust level SHMI results.

The site level SHMI values will also be unaffected, but there will be a small impact on some of the supporting fields provided in this breakdown.

- There are some site codes which are not present in the latest ODS reference data but were included in previous versions. This is because they are ePACT codes which should be used for prescribing purposes only. Due to data quality problems, there are a small number of records with one of these codes in the site of treatment field in the HES data used in the calculation of the SHMI. These sites will still be included in the site level breakdown but supporting fields such as the site name, site type and site postcode will not be populated. This only affects 6 out of more than 700 sites included in the SHMI site level breakdown.



## Digital

### Methodological Changes

- There are around 15 sites that were previously assigned a site owner using the first few letters of their site code but are now assigned a site owner of 'Not provided'. This is because the site codes are not present in the ODS reference data. The most common reason for this is that an incorrect site code has included in the HES data. For example, previously any site codes that began with 'R' were assigned a site owner of 'Trust', even if the site code was incorrect. Using the new methodology, this is not possible.

### Further information

Questions and feedback on the publication are welcomed and should be sent to [enquiries@nhsdigital.nhs.uk](mailto:enquiries@nhsdigital.nhs.uk) or alternatively call 0300 303 5678.