**Improvements and Differences between Information Services Portal (ISP) and Catalyst – Public Insight Portal**

**Introduction**

NHSBSA has been developing a datawarehouse by importing data from the current transactional systems. The data warehouse has been designed based on a holistic logical approach while the legacy system has evolved over time and is therefore different in design.

Catalyst- Public Insight Portal has been built using the data warehouse. The data in Catalyst can be extracted from January 14 onwards. The data is being recalculated resulting in differences to the current systems.

As stated above the data warehouse has been designed differently and the testing of the data between the two systems has identified a number of differences some of which have been identified below:

1. **Prescriber movement mid-month**

Information Services Portal -

For Pharmacy Submissions ePACT uses where the prescriber was assigned on the 1st of the month.

Dispensing GPs/Prescribing GPs Personally Administered Accounts uses information from the submission ID to determine where the prescribing & costs should be attributed.

Data Warehouse –

For Pharmacy Submissions & for Dispensing GPs/Prescribing GPs Personally Administered Accounts ePACT2 uses where the GP was assigned at the end of the month.

1. **Practice list size**

A practice list size is only complete when the financial quarter becomes available.

Information Services Portal -

Populates a practice list size each month, but for the first two months of a financial quarter the list size is not complete therefore the previous quarters list size needed to be used for any reports.

When numerous time periods are selected the most up to date completed practice list size is used.

For example Apr and Sep uses Jul – Sep list size.

Data Warehouse -

Populates the completed list size for each months data as it is uploaded.

For example Jan and Feb uses Oct-Dec, Mar uses Jan-Mar.

When numerous time periods are selected the average of the most up to date completed practice list size is used for each month.

For example Apr and Sep uses Apr – Sep list size / 6 (six months).

1. **Prescribers not linked to a practice for more than six months - Unidentified prescribers**

Information Services Portal –

Where an electronic message has been received 6 months after the prescriber has left the practice, the prescriber is linked to the lead prescriber at the last practice the prescriber belonged to, regardless of how long ago the prescriber left that practice. For example this can be from a number of years ago.

Data Warehouse –

The prescriber information is classified as ‘National Unidentified’ after a period of six months from when the prescriber left the practice or if the prescriber was registered outside of England at the point the prescription was processed by the NHS BSA.  The reason for this decision is due to the fact that prescriptions are only valid for a period of six months and EPS prescribing applies to England only.

1. **National average discount percentage (NADP)**

Data warehouse uses the same months dispensed prescriptions to calculate the NADP and apply that to the actual cost for that same month.