

Database and table descriptions

July 2024

Overview

The Provincial Health Data Centre (PHDC) is a Provincial resource to centralise, harmonise and manage person level clinical information intended for: improving clinical care through facilitating integrated clinical use; adding to corporate business intelligence data to increase the quantity and quality of some of the clinical data available for business intelligence purposes; operational reporting which draws on multiple data sources to improve service delivery; and support of epidemiologic analyses to improve program evaluation, health and health service intelligence.

There are nine key Data Centre databases: The **Patient** database stores data that pertain to demographic and identifying information for all individuals who have ever been issued a valid provincial identifier, either in Clinicom or as a valid temporary number by an authenticated system (PHCIS, Prehmis, Clinicom); the **Clinical** database holds clinical information for all individuals, who are identified by an internal identification number that holds no intrinsic personal information. The **Archive** database is used to accumulate raw, unprocessed source data that were used to populate Data Centre databases. The **Staging** database is used to hold newly received data prior to processing. Data are held in Staging only until they have been processed to populate the other Data Centre databases, including appending copies of newly received source data to the Archive database. The **Holding** database is a temporary storage area where data received via contributing systems can build up until it is batch processed. The **Community** database stores data retrieved outside of facilities such as EMS, MomConnect and Catch And Match. The **Admin_PHDC** database contains administrative tables for the Provincial Health Datacentre, including documentation, data requests, login identities, and database permissions. The **Reporting** database stores copies of data from the other databases that have been extracted with various filters and in various formats for reporting requirements. The **Facility** database stores our master lookup of facilities as well as mappings between source facility data and our master lookup.

Load Process Diagram: