

SUBJECT Data Warehouse and Data Analytics		CHAPTER 03	SECTION 01	SUBJECT 03
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I. APPLICATION:

- PIHP Board
- PIHP Staff
- CMH Providers
- CMH Subcontractors
- SUD Providers

II. POLICY STATEMENT:

CIO, PIHP technical staff, contracted staff or contractor will ensure that data in the PIHP enterprise database is accurate, is reported to MDHHS in a timely manner, and is available to PIHP staff, CMH Administrative staff and CMH/SUD providers/sub-contractors as needed. PIHP must employ best practice procedures to ensure the safety and integrity of such data, and to continuously monitor and improve its quality.

III. DEFINITIONS:

For the purposes of understanding and implementing this policy, the following definitions of terms apply:

Data Analysis: Using descriptive and predictive models to highlight useful information, suggest conclusions, and support decision making.

Data Analytics: Categorizing and analyzing data to study and communicate meaningful trends and patterns.

Data Warehouse: A centralized repository of data copied from one or more disparate production databases and designed to support decision making.

Enterprise Database: A relational database (often referred to as a “Data Warehouse”) which is centralized and shared by many users (in this case the PIHP, CMHSPs and Coordinating Agencies) and used for reporting and data analytics.

Relational Database: A collection of multiple data sets organized by tables, records and columns, with a well-defined relationship between database tables. They use a standard programming interface for database interaction, such as Structured Query Language (SQL).

IV. STANDARDS:

ENTERPRISE DATABASE

This data warehouse is housed in relational databases on one or more servers and managed by the PIHP technical staff, its contracted staff or contractor. This database has special uses, requirements,

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and protections, and in particular contains the data received from MDHHS and data submitted by the CMH/SUD Providers/Sub-contractors.

- A. This data includes, but is not limited to, encounters, QI and other demographic data, Performance Indicator data, TEDS, authorization, eligibility, and other data as required by MDHHS or needed by the PIHP for data analysis and management.
- B. The accuracy and timeliness of data submitted to PIHP by CMH/SUD Providers/Sub- contractors will meet the requirements of the Michigan Department of Health and Human Services (MDHHS), and any other necessary payers, accrediting organizations, or regulatory entities.
- C. The accuracy and timeliness of data submitted to MDHHS by PIHP will meet the requirements of the Michigan Department of Health and Human Services (MDHHS) and any other necessary payers, accrediting organizations, or regulatory entities.
- D. CIO, PIHP technical staff, contracted staff or contractor will monitor the accuracy and timeliness of this data.

V. PROCEDURES:

DATA ANALYTICS AND REPORTING

- A. PIHP technical staff, contracted staff or contractor will provide assistance in developing and interpreting data reports for personnel who have responsibility for reviewing data.
- B. PIHP staff, CMH Administrative staff, CMH Providers/Sub-contractors and SUD Providers shall use relevant data as a tool in decision-making processes.
- C. Data reports shall be readily accessible to PIHP staff, CMH Administrative staff, CMH Providers/Sub-contractors and SUD Providers to provide as wide of a variety of information as possible.
- D. CIO and PIHP technical staff, contracted staff or contractor will analyze, integrate and report clinical, financial, demographic, quality and authorization information.
- E. CIO, CFO and PIHP technical staff, contracted staff or contractor will identify, analyze and report costs and revenues.

VI. EXHIBITS: N/A