

SUBJECT Data Warehouse and Data Analytics	CHAPTER 03	SECTION 01	SUBJECT 03
CHAPTER Information Management		SECTION Technology	
WRITTEN BY Kathy Tilley & Kelly VanWormer	REVIEWED BY Pattie Hayes		AUTHORIZED BY PIHP Board

I. APPLICATION:

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

II. POLICY STATEMENT:

The CIO, PIHP technical staff, contracted staff and/or contractor will ensure that data in the PIHP managed care information system (MIX) is accurate, is reported to Michigan Department of Health and Human Services (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: Categorizing and analyzing data to study and communicate meaningful trends and patterns.

Data Analytics: Using existing data with descriptive and predictive models to highlight useful information, suggest conclusions, and support decision making.

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

Managed Care Information System (“MIX”): A relational data system that 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:

MANAGED CARE INFORMATION SYSTEM

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,

SUBJECT	CHAPTER	SECTION	SUBJECT
Data Warehouse and Data Analytics	03	01	03
CHAPTER Information Management	SECTION Technology		

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, BH 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 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 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 and/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. The CIO and PIHP technical staff, contracted staff or contractor will analyze, integrate and report clinical, financial, demographic, quality and authorization information.
- E. The CIO, CFO and PIHP technical staff, contracted staff or contractor will identify, analyze and report costs and revenues.

VI. EXHIBITS: N/A