

Tommy G. Thompson
Governor

Joe Leean
Secretary

State of Wisconsin
Department of Health and Family Services

DATE: January 25, 2001

TO: Lynn Green, Dane County
Lori Bastean, Dane County
Kimm Hurley, Community Partnerships
John Bauman, Community Partnerships
Bruce Kamradt, Wraparound Milwaukee
Pamela Erdman, Wraparound Milwaukee

FROM: Joyce Binder, Bureau of Managed Health Care Programs
Jeff Hinz, Bureau of Community Mental Health
Robert Yungu, Bureau of Community Mental Health

SUBJECT: Outcomes Workgroup

Meeting Agenda

January 31, 2001
1 West Wilson St.
Room 372
10:00 a.m. to 12:00 p.m.

- 10:00** Update about electronic reporting – Joyce
- 10:15** Utilization Report data analysis – Robert
- value of collected data
- 10:45** CCF and WAM data collection for Addendum IX – all
- sharing other data
- 11:45** Other issues – all
- state managed care contract update
 - data letter for schools
 - next meeting
- 12:00** Adjourn

DHFS Application Development

Project Title: Integrated Services Project (ISP) – Development and Implementation of a Business Information Store

Methodology:

Project Management:

Robert Yungu – Analyst, Division of Supportive Living

Fred Buhr – Data Administrator – Consultant, Division of Management and Technology

Life Cycle Management

Steering Committee – Jeff Hinz - Chair

Joyce Binder -

Randy Zirk

Robert Yungu

Fred Buhr

David Fine

Outcomes Workgroup – Jeff Hinz – Convener

Lynn Green, Dane County

Lori Basteen, Dane County

Kimm Hurley, Community Partnerships

John Bauman, Community Partnerships

Bruce Kamradt, Wraparound Milwaukee

Pamela Erdman, Wraparound Milwaukee

Joyce Binder

Randy Zirk

Robert Yungu

Fred Buhr

David Fine

Change Management

Incorporated above as a component of Life Cycle Management above.

Investigation:

This project is an outgrowth of the goal underlying a database project contracted to Community Cares Systems, Inc. for the Bureau of Community Mental Health (BCMHS), Wisconsin Department of Health and Family Services. Entitled “The ISP Data Quality Improvement Project”.

The BCMHS identified the overall goals of that project as:

1. Integration of Wraparound Milwaukee utilization and outcome data with the Northwoods Alliance and ISP project to begin development of a statewide database for community-based programs for SED children.
2. Continuous improvement activities.

It was noted by BCMHS: *These goals were acceptable. However, we need to outline short-term and long-term goals. The immediate role for CCS should be to help with the development of an*

interactive database for the ISPs and later on move on the integration of Milwaukee, Dane and ISPs databases.

It was further noted: These are short-term goals which will need to be immediately addressed by CCS. The long-term goals, which cover a period twelve to eighteen months, concern the warehousing and integration of CCF, Milwaukee Wraparound, and ISP outcome data, and possible HSRS data.

Community Cares Systems, Inc. submitted "The ISP Data Quality Improvement Project: Phase I Final Report" on December 26, 2000. Phase I resulted in an installed Database Application in four counties. The components of the Application include Data Entry, Reports (Global) and Link Tables (for installation). The data entry tables include: Enrollment, Quarterly Data, Disenrollment Data and Support Tables. Reports (individual) have been developed for Enrollment, Disenrollment, and All Data.

Project Discovery:

The meeting of the Outcomes Group on January 31, 2001 marked the kickoff of the discovery portion of the project. A meeting, which is anticipated to mark the end of the discovery portion of the project, has been set for April 4, 2001, in Milwaukee. This instant high level project proposal is this writer's interpretation of the meeting content as expressed by meeting participants concerning a "business information store". Since the term "business information store" was not specifically mentioned during the meeting, a beginning attempt to describe the data that will populate the "store" during the discovery portion of the project using Zachman's "Enterprise Architecture – A Framework" follows.

Zachman's framework is a simple matrix consisting of interrogatory questions across the top, as column headers, and functions of an enterprise going down the side. Application of the concepts are an adaptation limited in scope to the ISP program.

Zachman's Framework (Interpreted)

	Data <i>What</i>	Function <i>How</i>	Network <i>Where</i>	People <i>Who</i>	Time <i>When</i>	Motivation <i>Why</i>
Scope (Contextual) <i>Planner</i>	List of Things Important to the Business	List of Processes the Business Performs			List of Events Significant to the Business	Mission and List of Business Goals
Enterprise Model (Conceptual) <i>Owner</i>	e.g. Semantic Model Data Elements	Business Process Model Treatment Modes				
System Model (Logical) <i>Designer</i>				Human Interface Architecture People=Role Work=Deliverable		
Technology Model (Physical) <i>Builder</i>						
Detailed Representations (Out of Context) <i>Sub-Contractor</i>						

The cells that defined in bold letters are subdivided into four major areas of concentration conforming to the areas identified by the stakeholders. When completed, the data elements in the "business information store" are intended to enable BCMH to answer the questions identified by the stakeholders.

For the Secretary and Legislators:

1. Are ISPs cost effective?
2. Is treatment in the community really better than institutional treatment?
3. Why ISP as opposed to any other type of approach?

For Family

4. Kids stay at home (in the community) and out of trouble.
5. Is their quality of life better? (Family Satisfaction surveys.)

For BCMH

6. Compliance with 8 key components.
7. Outcome measures and feedback to stake holders.

ISPs

8. Wraparound approach.
9. Use of Evaluation in QA/QI capacity.
10. Successful transition to managed care system.

The data elements in the "business information store" are intended eventually to enable BCMH to answer the questions identified by the stakeholders for each of the four questions. The exploratory

Project Discovery Activities

During the period, February 1, 2001 to April 4, 2001, the following activities will occur (with communication via e-mail and/or Excel worksheets):

1. Milwaukee and Dane programs will submit a listing of all names and birthdates on their databases.
2. Central Office staff will assemble lists of mission and business goals.
3. Central Office staff will compile names and definitions of data elements.
4. Central Office staff will seek the necessary clearances and populate a file containing names, birthdates, and address at birth of all program participants.
5. Central Office staff will seek the necessary clearances and populate a file containing names, birthdates, and address at birth of matched births (as an ongoing control group).
6. Related to but separate from #4 and #5 above, Central Office staff will request the Bureau of Health Care Information (BHI) to populate an anonymized research data base using a "black box" methodology. The research database will be requested to be populated with as much information as may be available surrounding the birth event of (Wisconsin born) program participants. A matched birth event is requested with similar information. No identifying information is to be a part of the data base with the exception that information for relating to the program participants will be encoded with a "1" and the matched birth event encoded with a "0". Any combination of columns or rows having fewer than 11 observations will be dropped. Names and birthdates related to those observations should also be dropped. The BHI is requested to insure (to the extent possible) that deterministic re-linking will not be able to be accomplished.
7. An events file relating to the birth event, enrollment event, and disenrollment event will be constructed with related fields reported as status. A status from the viewpoint of each of the major stakeholders will be requested from the current social worker or most recent social worker concerning the functioning of the child at enrollment and disenrollment.
8. Names and definitions for living arrangements will be compiled and reviewed via e-mail.
9. Names and definitions for data elements will be compiled and then reviewed via e-mail.
10. Name and definitions for outcome indicators will be compile and then reviewed via e-mail.
11. A preliminary (base line) questionnaire will be solicited from social workers via e-mail. Suggestions for questions are:

Considering the questions identified by the stake holders, what is the most positive thing you could say about the program?

What is the most observable outcome measure that you could point to?

12. Using the Person Instantiation Engine (PIE) algorithm as a search engine, HSRS and MEDS will be queried to identify availability of transactional and other data related to the children.

The April 4, 2001 meeting can be used as a go/no go point for further development.