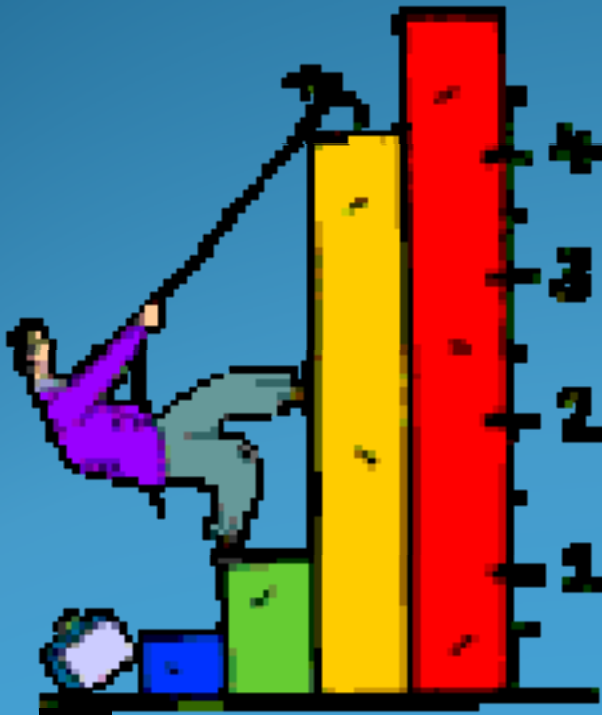


An Update on the Client-Level Data Reporting Pilot Project



Data Infrastructure Grant (DIG) Annual Meeting
April 15-16, 2009
Grand Hyatt Hotel, Washington D.C.



Intent of the Project

To identify, document, and assess the factors that facilitated as well as the issues encountered in collecting, producing, and reporting client-level data sets essential to the production of State level mental health National Outcome Measures.



Implementation Scheme

- **Diversity in the selection of pilot States (CA, DE, ID, KS, NV, OK, PA, VA, VT)**
 - **Geographical distribution of states**
 - **Organizational set-up of the SMHA**
 - **Integration of MH and SA**
 - **System size**
 - **Service delivery model**
 - **Level of Information Technology (IT) Infrastructure**
 - **Sophistication of IT**
 - **Size and location of IT staff**

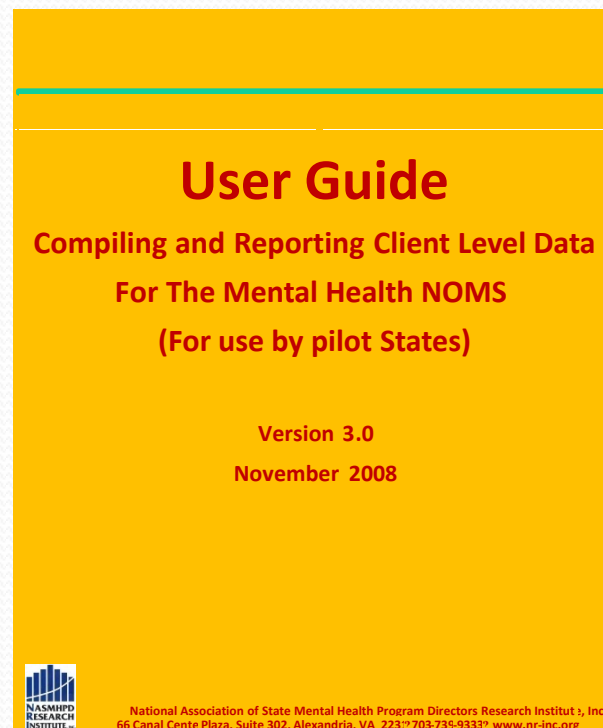


Implementation Scheme Continued

- **Submission of 3 data sets:**
 - **Basic Client Information**
 - **State Hospital Admissions and Discharges**
 - **Consumer Surveys:**
 - **Adult Consumer Survey**
 - **Youth Services Survey for Families**
- **Two cycles of data submission:**
 - **February 2009**
 - **September 2009**
- **Use of Non-Protected Health Information**

Features of the Pilot Project

- Use of Standard Reporting Protocol (one data dictionary, State crosswalk, uniform file layout, universal data file edits, naming convention)



Copies will be available for distribution upon completion of the Pilot Project.



Features of the Pilot Project Continued

- **Systematic collection of contextual information covering the State implementation process and data characteristics**
 - State capacity for reporting client-level data (pre-pilot)
 - State Implementation Process: Who were involved/informed
 - Protection of Client Confidentiality and Privacy
 - Evaluation of the User Guide Developmental Process
 - State Data Caveats
 - Overall Evaluation of State Experience to Date
- **Cost Report**
 - Pilot Implementation
 - Full implementation of the project protocol







Current Status

- **Preliminary analysis of data from 7 pilot States**
- **Review of State Contextual Reports and State Crosswalks**
- **Preparing for the revision of the User Guide to incorporate all issued addendums (clarifications)**
- **Training of pilot States on the Cost Valuation Template**

Snapshot of the Data (Preliminary)

TOTAL NUMBER OF CASES ACROSS 7 STATES

282,588	Total		100.0%
211,664	Adult		74.9%
69,931	Child		24.7%
993	Unclassified		0.4%

TOTAL NUMBER OF SURVEYS ACROSS 7 STATES

21,032	Total		100.0%
10,690	Adult Survey		50.8%
10,342	Child Survey		49.2%

Reporting Period: 12 months

July 1, 2007-June 30, 2008 (6 states)

July 1, 2006-June 30, 2007 ((1 state)

TOTAL NUMBER OF SURVEYS LINKED TO BASIC CLIENT

INFORMATION

751 surveys	Adult Survey	reported by 1 State
1,158 surveys	Child Survey	reported by 2 States

Population Covered:

Adults and Children MH

All consumers served during the period, including consumers with co-occurring substance use served by participating SMHAs with integrated systems

TOTAL NUMBER OF STATES USING RECOMMENDED SURVEY TOOLS

MHSIP Adult Survey	7 States
Youth Services Survey for Families	5 States

Snapshot of the Data Continued

Adult Mental Health:

Status at the beginning of reporting period	Status at the end of reporting period						Reason for Discharge								
	Continuing			Discharged			Discharged w/treatment completed			Discharged due to loss contact			Discharged due to other reasons		
	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)
	New client (N= 87,882)	63,236	30.3%	150.36	24,646	11.8%	67.15	7,076	12.6%	29.19	9,810	17.5%	119.54	7,760	13.9%
Readmitted Client (N= 5034)	2,908	1.4%	205.23	2,126	1.0%	84.98	533	1.0%	61.32	742	1.3%	142.7	851	1.5%	61.85
Continuing Client (N= 115,837)	86,637	41.5%	353.32	29,200	14.0%	185.72	4,251	7.6%	198.51	15,844	28.3%	195.99	9,105	16.3%	170.44
Total (208,753)	152,781	73.2%		55,972	26.8%		11,860	21.2%		26,396	47.2%		17,716	31.7%	

Average time in service is the total aggregated time a person is active in the SMHA caseload during the reporting period averaged out throughout the cases.

Discharged due to other reasons' include death, referral to jail, and others.

Numbers may not add up to 100% due to rounding.

Snapshot of the Data Continued

Children Mental Health:

Status at the beginning of reporting period	Status at the end of reporting period						Reason for Discharge								
	Continuing			Discharged			completed			contact			reasons		
	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)	N	%	Average Time in Service (days)
New client (N= 34,903)	27,867	40.6%	162.31	7,036	10.3%	74.76	2,055	12.5%	64.48	2,197	13.4%	115.27	2,784	17.0%	63.81
Readmitted Client (N= 1,194)	863	1.3%	197.99	331	0.5%	104.72	83	0.5%	119	115	0.7%	120.52	133	0.8%	91.85
Continuing Client (N= 32,475)	23,427	34.2%	349.08	9,048	13.2%	189	2,157	13.1%	185.26	3,501	21.3%	202.13	3,390	20.7%	183.22
Total (68,572)	52,157	76.1%		16,415	23.9%		4,295	26.2%		5,813	35.4%		6,307	38.4%	

Average time in service is the total aggregated time a person is active in the SMHA caseload during the reporting period averaged out throughout the cases.

Discharged due to other reasons' include children aging out of the system, death, referral to jail, and others.

Numbers may not add up to 100% due to rounding.

Sample of Planned Data Analysis

➤ **Process Data Analysis:**

- Indicators of system readiness to report client-level data
- Identification of data-related issues associated with differences in State data collection processes

➤ **Output Data Analysis:**

- Calculation of the Mental Health National Outcome Measures using an algorithm for client-level data
- Identification of procedure(s) to test change measures
- Basic statistics: frequency distribution, visualizing patterns and relationships, and data segmentation

➤ **Advanced Analysis (as time permits):**

- Correlation between NOMS and other variables
- Correlation between consumer characteristics and perception of care
- Identification of risk adjustment application



Project Completion

- **Expected Completion Date: Early 2010**
- **Expected Output:**
 - **Full documentation of the facilitating factors and issues in client-level data reporting**
 - **Estimated implementation cost**
 - **Basic framework for standardized reporting of data**
 - **Best Practice Approaches Based on State Pilot Implementation/Reporting Experiences**
 - **Calculation of the Mental Health NOMS using an algorithm for State client-level data**