

Proposed NYC EMA Client Level Data Collection System

Data Link / MHRA Presentation

“Using Client Level Data for Planning”

August 1, 2003

Overview

- On March 22, 2002 the Planning Council directed DOHMH and MHRA to initiate the process for collecting client level data
- June 6, 2002 DOHMH and MHRA submitted a pilot plan for implementing client level data collection
- April 29, 2003 Planning and Evaluation Committee approved the proposed pilot project.
- The following will discuss current data collection and proposed client level data collection system.

What is Client Level Data?

- Client level data contains basic demographic and service information for each unique client in the EMA
- ALL data will be de-identified and cannot be used to identify an individual in accordance with HIPAA regulations
- Data is unduplicated using the Unique Record Number (URN) which is generated in the Uniform Reporting System (URS).

Current Data Collection

- The data elements that each agency must collect are defined by the Ryan White Title I Minimum Data Set (MDS)
- The MDS is defined by HRSA reporting requirements, and agencies contractual obligations to MHRA for program monitoring

Current Data Collection

- Each agencies is required to maintain a client level data base which captures all of the data elements defined in the MDS
- Client level data exists at each agency

Current Data Reporting

- All current reports required in the EMA are aggregated reports.
- CARE Act Data Report (CADR)
 - Federally mandated
 - Aggregated at agency level
 - Includes Title I, II, III, IV
 - Collected monthly to assure data quality

Current Data Reporting

- Monthly Program Report
 - Contractually mandated
 - Necessary for contract monitoring
 - Aggregated at program level
 - Collected Monthly for program monitoring

Proposed Data Collection

- The data elements that each agency must collect are defined by the Ryan White Title I Minimum Data Set (MDS)
- The MDS is defined by HRSA reporting requirements, and agencies contractual obligations to MHRA for program monitoring
- **No change in data collection process for agencies**

Proposed Reporting

- Agencies will submit a de-identified, electronic, client level data extract which contain the data elements defined by the Ryan White Title I MDS.

Ryan White Title I MDS

- Only Data from MHRA administered Title I funded programs
- Summary of Data Elements Currently collected.
 - Agency information
 - Client demographics
 - Service utilization



Agency Data

Data Field	Required By	Data Elements
Provider Name	CADR, MPR	
Provider Address	CADR, MPR	Street City State Zip Code Taxpayer ID
Contact Information	CADR	Name Title Phone Fax E-mail
Person Completing Form	CADR	Name Phone
Reporting Period	CADR, MPR	Start Date End Date
Reporting Scope	CADR	Eligible Funded
Provider Type	CADR	Hospital Publicly Funded Community Health Center Publicly Funded Community Mental Health Center Other CBO Health Department Substance abuse treatment center Solo/group private medical practice Agency reporting multiple fee for service PLWHA coalition VA Facility Other facility

Agency Data

Data Field	Required By	Data Elements
Section 330 Public Health Service Funding	CADR	Yes No
Ownership Status	CADR	Public/Local Public/State Public/Federal Private, Nonprofit (not faith based) Private, for-profit Unincorporated Faith –based organization Other
Ryan White Funding Source	CADR	Title I Title II Title III Title IV
Support of Grantee	CADR	Planning and evaluation Administrative or Technical support Fiscal intermediary services Technical Assistance Capacity development Quality management
Administer ADAP	CADR	Yes No
Type of ADAP Program	CADR	State ADAP Local pharmaceutical assistance program
Administer HIP	CADR	Yes No

Agency Data

Data Field	Required By	Data Elements
Outreach Focus Population	CADR	Migrant or seasonal farm workers Rural populations other than Migrant or seasonal farm workers Women Children Race/ethnic minorities/communities of color Homeless Gay, lesbian, and bisexual adults Gay, lesbian, and bisexual youth Incarcerated persons All adolescents Runaway or street youth Injection drug users Non-injection drug users Parolees Other
Total Paid FTE's	CADR	
Total Paid Volunteers	CADR	
Amount Title I funding received	CADR	
Amount Title II funding received	CADR	
Amount Title III funding received	CADR	
Amount Title IV funding received	CADR	
Amount of Ryan White CARE act funds expended on oral health care	CADR	



Client Data

Data Field	Required By	Data Elements
URN		
Enrollment Date	CADR, MPR	
Closure Date	MPR	
Zip Code	URS	
Gender	CADR, MPR	Male Female Transgender Unknown/Unreported
Age	CADR, MPR	
Hispanic Latino/a	CADR, MPR	Yes No Unknown/Unreported
Race	CADR,MPR	White Black or African American Asian Native Hawaiian/Pacific Islander American Indian or Alaskan Native More then one race Unknown/unreported
Client's Income	CADR, MPR	Dollar Values
Residents in Household	CADR	
Primary Language	URS	
Housing Arrangements	CADR, MPR	Permanently Housed Non-Permanently Housed Institution Other Unknown/unreported

Client Data

Data Field	Required By	Data Elements
Insurance Status	CADR, MPR	Medicaid Medicaid Managed Care Medicare Private Insurance HMO/Managed Care Self Pay ADAP Plus Military VA Medicaid Pending None Unknown / Unreported
HIV AIDS Status	CADR, MPR	HIV + not AIDS HIV +, AIDS Status unknown CDC Defined AIDS HIV-Negative Unknown / Unreported
HIV Risk History	CADR	MSM IDU MSM/IDU Hemophilia/coagulation disorder Heterosexual contact Receipt of transfusion or blood Perinatal Exposure Other Undetermined/Unknown /Risk not reported or identified
TB Status	MPR – TB Contracts Only	PPD Positive On DOT On DOPT
Enrollment Status	CADR, MPR	Active, client new to the program Active, client continuing in program Deceased Inactive Unknown/Unreported

Service Data

Data Field	Required By	Data Elements
Date	CADR, MPR	
Program Providing Service	MPR	Name Agency Funding Source Funding Type Zip Code
Site Service Was Provide	URS	Name, Zip Code Agency
Services		

Medical Information (only required from medical providers)

Data Field	Required By	Data Elements
TB Skin Test	CADR	Yes No Unknown Unreported
Treatment due to TB skin test	CADR	Yes No Unknown/unreported
TB Status	MPR (TB Contracts only)	Need elements
Syphilis screening/testing	CADR	Yes No Unknown/unreported
STI Screening Testing other than syphilis and HIV	CADR	Yes No Unknown/unreported
STI Treatment (other than syphilis and HIV)	CADR	Yes No Unknown/unreported
Hepatitis C Screening Testing	CADR	Yes No Unknown/unreported
Hepatitis C Treatments	CADR	Yes No Unknown/unreported

Medical Information (only required from medical providers)

Data Field	Required By	Data Elements
AIDS Defining Conditions	CADR	PCP MAC Mycobacterium tuberculosis Cytomegalovirus Toxoplasmosis Cervical cancer Other AIDS Defining Conditions
Antiretroviral therapy	CADR	Yes, dual combination Yes, triple combination No Unknown/Unreported
Pelvic exam Pap Smear	CADR	Yes No Unknown/unreported
Pregnant	CADR	Yes No Unknown/unreported
Pregnant Client Enter Care During	CADR	First Trimester Second Trimester Third Trimester At time of delivery

Medical Information (only required from medical providers)

Data Field	Required By	Data Elements
Antiretroviral for prevention of transmission to children	CADR	Yes No Unknown/unreported
Number of Children Delivered	CADR	
Number of Children Delivered HIV +	CADR	



Counseling and Testing (Only required from providers with counseling and testing contracts)

Data Field	Required By	Data Elements
Did the agency provide Counseling and Testing	CADR	Yes No
Were Ryan White Funds Used for Counseling and Testing	CADR	Yes No
Did the client receive pre-test counseling	CADR	Yes Confidential Yes Anonymous No
Was the client tested for HIV antibodies during the reporting period	CADR	Yes Confidential Yes Anonymous No
Did the client test positive	CADR	Yes No
Did the client receive post-test counseling	CADR	Yes Confidential Yes Anonymous No
Did the program offer partner notification services	CADR	Yes No
Did you notify the client's partner	CADR	Yes No Unknown / Unreported

Proposed Plan

- 6 Month pilot project with 12 agencies
- Assess the pilot project and its impact on participating providers
- Conduct a cost analysis for an EMA wide client level data system
- Provide needed training to Planning Council, Workgroups and Committees

Barriers

- Data Quality Issues
 - Agencies with anomalies in their data need to fix data entry prior to running extracts
- Agencies who do not use the URS
 - No simple method to get client level data from proprietary databases
 - Currently there are 151 MHRA administered Ryan White Title I funded agencies, with 138 using the URS for reporting

Data Analysis

- Client level data provides an opportunity for detailed analysis of services.
- Important to understand the source and limitations of the data.
- Basic types of data
 - Client Demographics
 - Client HIV/AIDS Status
 - Client Geography (Zip Code)
 - Service Information
 - Service Geography (Zip Code)

Data Analysis

- What kind of questions can you ask?
 - Client Demographics and Status
 - Demographics/Status of clients by Zip Code
 - Race and Ethnicity by Age
 - Unduplicated client counts
 - Number of clients in EMA
 - Number of clients receiving specific services
 - Number of clients from specific zip codes

Data Analysis

- Service Provision
 - Levels of service within specific zip codes
 - Source of clients receiving services in a specific zip code
 - Service provision to specific populations