

Data Warehouse

How can the Data Warehouse be useful to the Department of
Mental Health

- What are the treatment rates for mental health consumers in rural areas of the state?
- Does school performance improve after treatment intervention?
- What impact does DMH intervention have on total healthcare costs?
- Does DMH intervention impact employment?

A Unique Platform for Analysis

- Public and Private Sector Data
- Healthcare Data
- Medicaid Data
- What other agencies are providing services
- Who is served
- What services are provided
- Where are services provided

Providing Data and Data Linkages

- For Performance Measurement
- To prepare for upcoming changes in the healthcare environment
- For forward planning and policy development
- To monitor cost
- For program evaluation and monitoring quality

For Performance Measurement

16 State Performance Indicator Study

- Percent of consumers connected to Primary Care
- Adults receiving Atypical Medications
- Improvement in School Performance
- Out of Home Placements
- Mortality
- Reduced Criminal Justice Contacts

Performance Measurement

Criminal Justice Contacts

Database match with the Department of Juvenile Justice:

- Of children referred to a Diversion Program but who didn't show, 6% were subsequently incarcerated
- Of children screened and referred elsewhere, 4% were subsequently incarcerated
- Of children seen in the Diversion Program, 2% were subsequently incarcerated.

To Prepare for Changes in the Healthcare Environment

- Evaluation of Best Practice Models
- Prepare for more extensive reporting requirements
- Strategic Planning

For Planning and Policy Development

Treated Prevalence

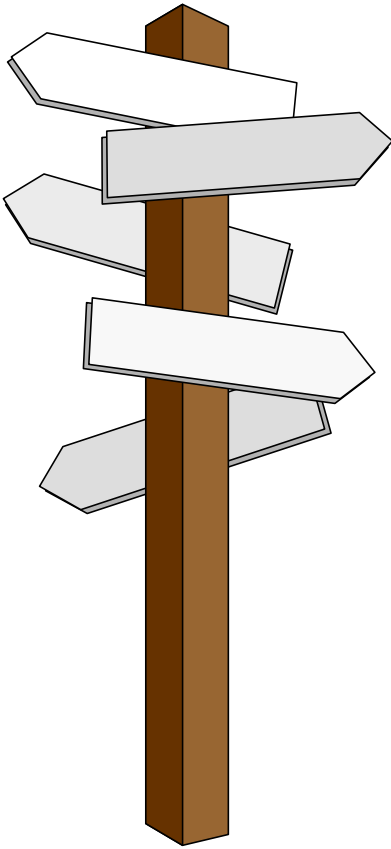
51% of estimated prevalence of SMI (18-59) is treated
Of those treated: 58% treated by DMH, 42% other

57% of estimated prevalence of SPMI is treated
Of those treated: 76.5% treated by DMH, 23.5% other

For Planning and Policy Development

Planning for Access

Geographic information which maps to street level addresses allow for location of community services to areas of patient location.



For Planning and Policy Development

Service Development

For Children and adolescents, 71% were served by no other state agency

For adults (18-59), 88% were served by no other state agency

Over age 60, 00% were served by no other state agency

To Monitor Cost

- Comparison of DMH cost vs. Private cost for services.
- Individuals can be tracked across both systems to determine total costs for treatment (may include physical health and other service costs also).
- Ensure that individuals with mental illness are served effectively with funds available regardless of where services are obtained.

Program Evaluation and Quality

Crisis Services

In areas that have Crisis Services, information regarding hospital admissions and use of emergency rooms for psychiatric crises can assist in identifying access, quality or effectiveness issues.