

**Using Matching Between  
Administrative Data Bases to  
Analyze Client Sharing in  
Mental Health and  
Substance Abuse Services:  
A Utah Example**

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- Two Utah state agencies, the Division of Mental Health and the Division of Substance Abuse were merged into one agency during 2002.
- Analyses began to determine numbers of shared clients receiving services in both areas.
- Two data sets exist:
  - Mental health client information
  - Substance Abuse Treatment Episode Data Set (TEDS)

# Matching and Analysis Procedures

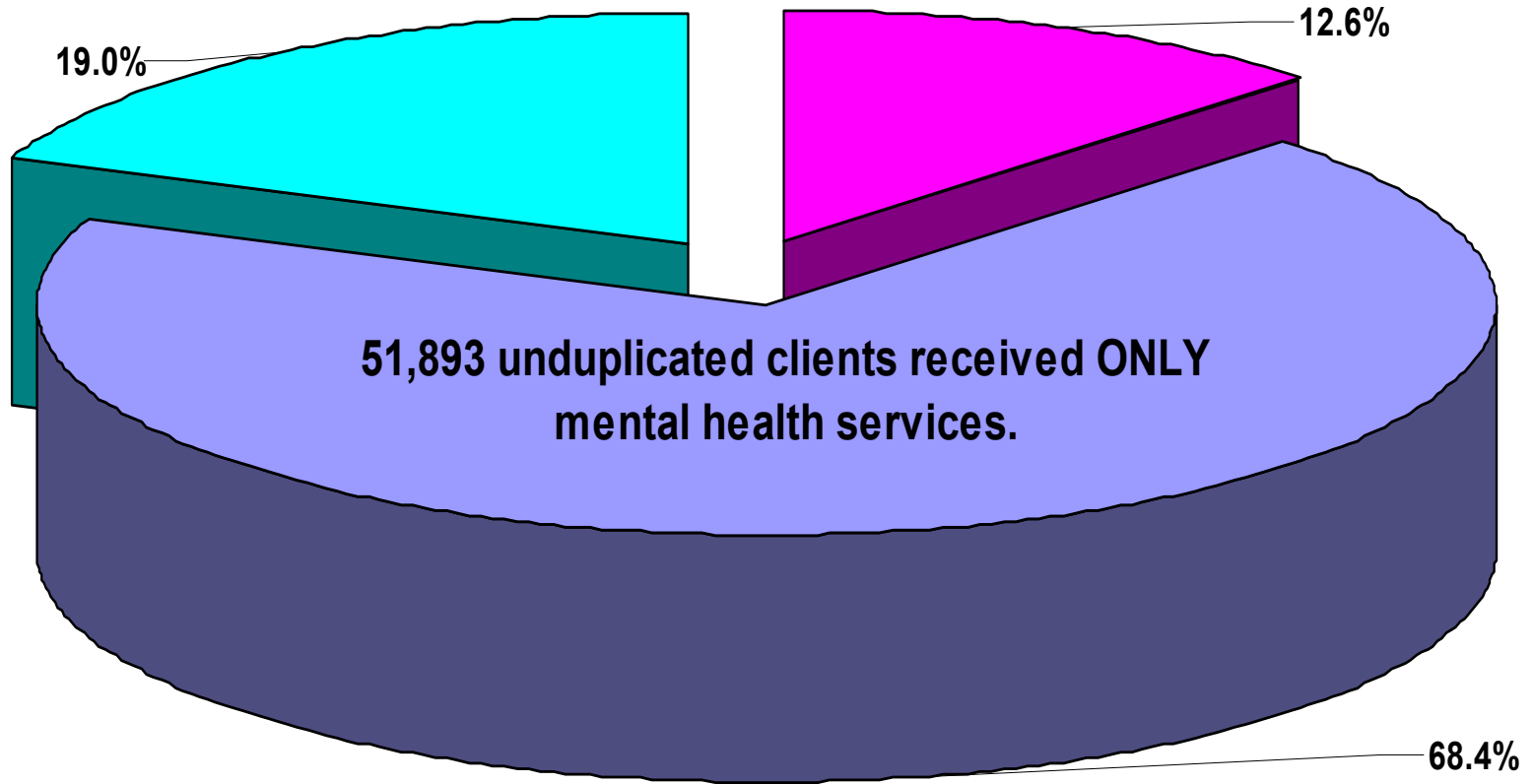
- Mental health clients served during Fiscal Years 2001 and 2002 were unduplicated.
- Substance abuse clients admitted to treatment during FY 2001 and FY 2002 were unduplicated.
- Mental health clients and substance abuse clients were matched.
- Client and treatment information from both data sets were merged by client.
- Analyses began.

**Findings About Shared Clients  
Receiving Mental Health and  
Substance Abuse Services**

# Unduplicated Utah Clients Receiving Mental Health and Substance Abuse Treatment during Fiscal Years 2001 and 2002 -- Combined and Matched Data From Both Public Mental Health and Substance Abuse Treatment

14,433 unduplicated clients received ONLY substance abuse services.

9,547 unduplicated clients received mental health AND substance abuse services.



75,873 total unduplicated clients are in the combined and matched database.

MH & SA

MH only

SA only

# Summary of Findings for Clients Receiving MH and SA Services

- **Matching and merging information in administrative data bases can provide additional insight into service delivery.**
- In total, 75,873 unduplicated clients were served in both areas during the two years, FY 2001-02.
- 12.6% or 9,547 clients received both mental health AND substance abuse services.
- 68.4% or 51,893 clients received ONLY mental health services.
- 19.0% or 14,433 clients received ONLY substance abuse services.