

Exploring Mental Health Service Use and Expenditures Across State Government: The Maine Experience

James Yoe

Brenda Harvey

Maine Department Health & Human Services

Presentation to the NASMHPD Summer State Mental Health
Commissioner's Meeting

Chicago, Illinois

July 12, 2005

Maine OSA Mental Health Study: Purpose

- To obtain information on how state agencies are structured and organized to provide mental health services
- To obtain information on the kinds of mental health services provided by state agencies.
- To develop a comprehensive picture of state and federal resources being expended for mental health services in the state.
- To identify the extent to which clients being served across state agencies are the same or different from those being served by the State Mental Health Agency.

Maine OSA Mental Health Study: Project Goals

- ✓ Increase the level of state government accountability.
- ✓ Identify opportunities for increased coordination among state agencies and reduce barriers to the provision of mental health services.
- ✓ Identify opportunities to maximize or redirect limited resources to improve services.
- ✓ Improved integration of mental health data across state agencies.
- ✓ Assist in the development of more comprehensive mental health system plans in Maine and Nationally.
- ✓ Assist states to develop a better picture of unmet mental health service needs by providing a more complete picture of services provided across state government.
- ✓ To assist in development of mental health transformation agenda for the State.

Maine OSA Mental Health Study: Methods & Definitions

- **Study Target Population(s):**
 - ✓ Child & Adolescent recipients of mental health services
 - ✓ Adult recipients of mental health services
- **Other State Agencies:** State Agencies/Service Sectors – Other than State Mental Health Authority (DHHS-Mental Health)
 - ✓ Department of Corrections
 - State Prisons/Corrections
 - Juvenile Detention Facilities
 - ✓ Department of Education
 - Services in the schools
 - Early Intervention (CDS)
 - ✓ Medicaid/MaineCare (DHHS-BMS)
 - ✓ Child Welfare
 - ✓ TANF
 - ✓ Department of Labor – Vocational Rehabilitation

Maine OSA Mental Health Study: Methods & Definitions

- **Mental Health Services Included:**

- ✓ **Psychiatric Inpatient**

- ✓ **Other 24 Hour Care**

- Residential/Group Tx
- Supportive Living Facility
- Boarding Home
- Crisis Stabilization Beds
- Respite Beds
- Intermediate Care Facilities (ICF)
- Skilled Nursing Facility
- Therapeutic Foster Care (TFC)

Maine OSA Mental Health Study: Methods & Definitions

✓ **Less Than 24 Hour Care**

- Outpatient – Diagnostic or therapeutic services.
- Partial Hospitalization/Day Treatment
- Home Health Services
- Crisis Intervention Services
- Community Support/Integration/Case Management Services
- Professional Clinical Services – Psychiatrists, Psychologist, Social Work, Nursing.
- Supported Employment
- Vocational Rehabilitation/Training.

Maine OSA Mental Health Study: Methods & Definitions

- **Revenue Sources:**

- State Mental Health Agency – Grant & Medicaid Seed
- MaineCare Funds - BMS (Federal & State Share)
- Other State Grant Funds
- Other Federal Revenue Sources (Medicare, Mental Health Block Grant, etc.)
- Local and County Revenue Sources

Maine OSA Mental Health Study: Data Collection Strategy

- ✓ Obtained Support from Governor's Office of Health Policy & Finance
- ✓ Letter sent from DHHS Commissioner to other state agencies/offices soliciting support and identification of contacts to assist with OSA data collection.
- ✓ Study coordinated by DHHS-Office of Quality Improvement (DHHS-QI)
- ✓ DHHS-QI staff met with designated Agency/Office representatives individually to review study and clarify data collection needs.
- ✓ DHHS-QI provided on-going consultation/TA to OSA representatives to facilitate data collection effort.
- ✓ Meeting convened including representatives from: identified OSAs, State Mental Health agency, Governor's Office, and NRI to share preliminary findings and discuss next steps.

Maine OSA Mental Health Study: Data Issues/Cautions

- ✓ Expenditure and service use data obtained from agency administrative data systems.
- ✓ Expenditure data includes, where applicable, both State and Federal expenditures.
- ✓ Some duplication of service user counts and expenditures exists across state agencies.
- ✓ Corrections data includes State correctional facilities and not County Jails.
- ✓ Precise identification of mental health populations a challenge for most OSA's (accomplished via use of specific mental health services or diagnostic & disability categories)

Maine OSA Mental Health Study: State MaineCare/Medicaid Appropriations

DHHS – Behavioral Health

- ✓ Children's Behavioral Health
 - General Fund
 - Medicaid Seed
- ✓ Adult Mental Health
 - General Fund
 - Medicaid Seed
 - State Hospitals

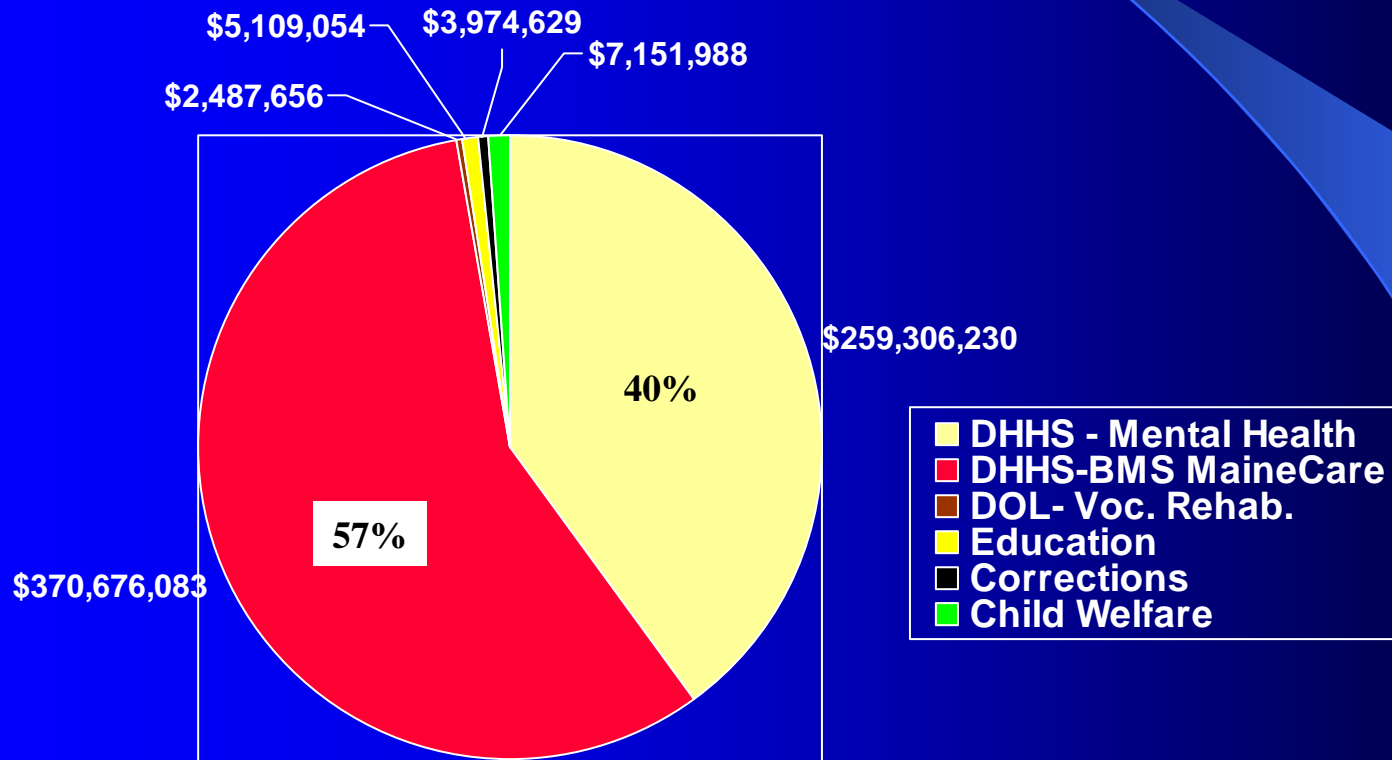
DHHS – Bureau of Medical Services

- | | |
|-----------------|---------------------------|
| ✓ MAAPP Account | Medicaid Rates (FY 2004): |
| • General Fund | Federal: 68.38 |
| • Medicaid Seed | State: 31.62 |



Maine OSA Mental Health Study: Preliminary Findings

Maine Other State Agency Study: Mental Health Expenditures Across State Agencies: Children & Adults: FY2004

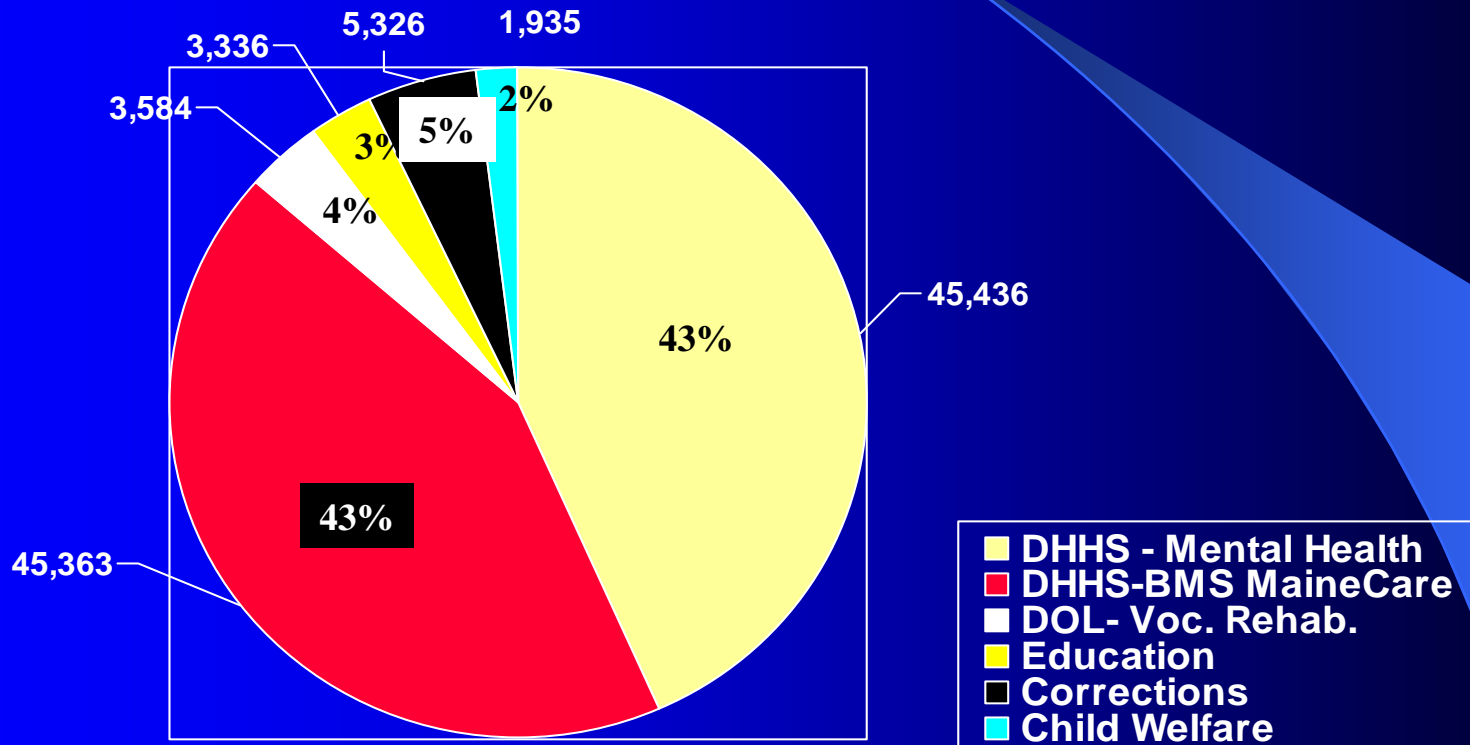


Total Mental Health Expenditures (Some duplication):
\$648,705,232

Comparison of FY 2004 State Mental Health Agency Expenditures to Statewide Picture

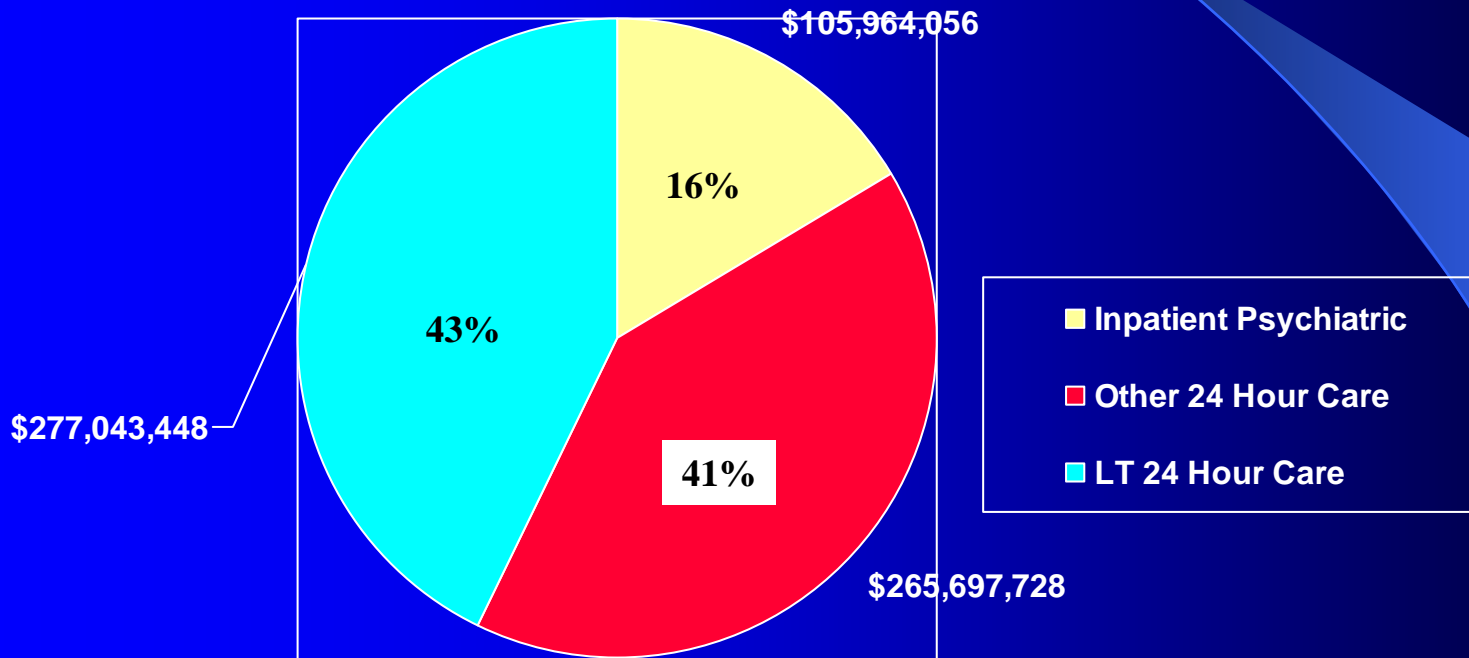
Service Area	State Mental Health Agency		All Service Sectors	
	Expenditures	Per Capita	Expenditures	Per Capita
Inpatient Psychiatric Services	51,932,015	39.90	105,964,056	81.41
Other 24 Hour Tx	30,660,318	23.56	265,697,728	204.13
Less Than 24 Hour Services	176,713,897	135.77	277,043,448	212.85
Total	259,306,230	199.22	648,705,232	498.39
Maine Population: 1,301,593				

Maine Other State Agency Study: Mental Health Service Use Across State Agencies: Children & Adults: FY2004



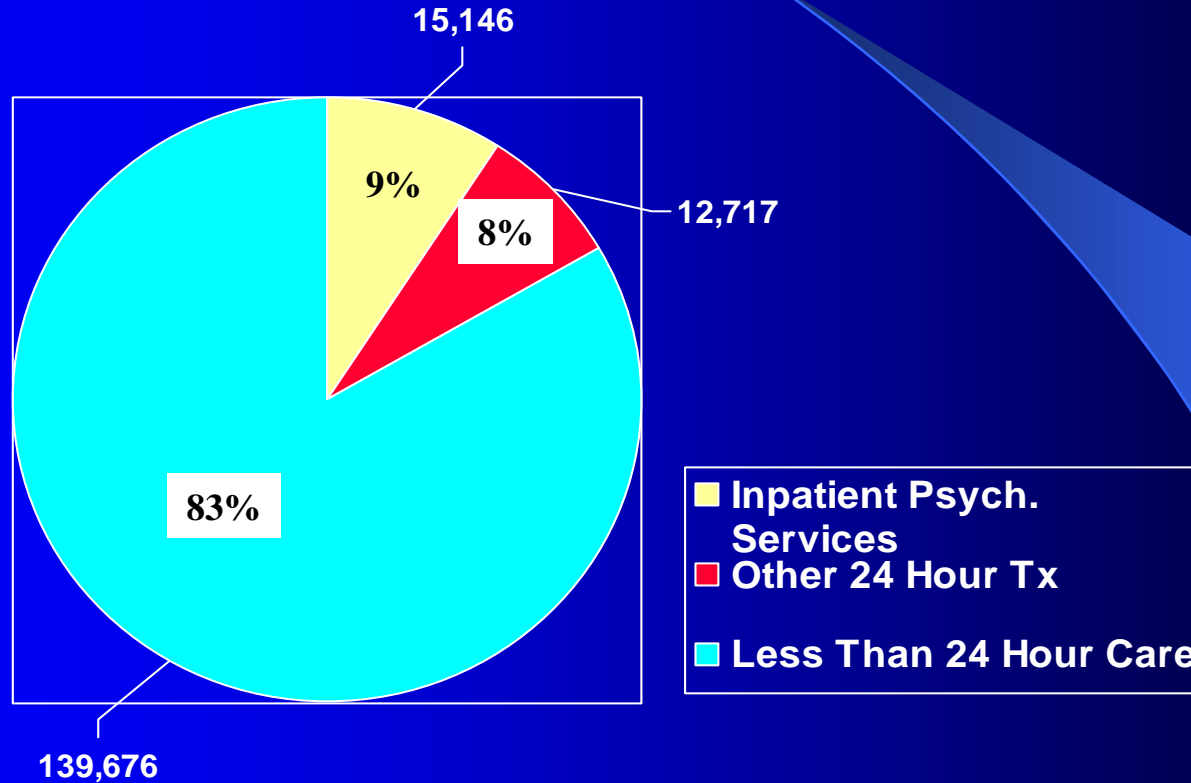
Total Number of Children & Adults Served (unduplicated within service sector and duplicated Across Service Sectors): 104,980
Based on 24% (23,051) overlap between BMS & MH an estimated 81,829 received mental health services across state government.

Maine Other State Agency Study: Mental Health Expenditures By Service Category: Children & Adults: FY2004



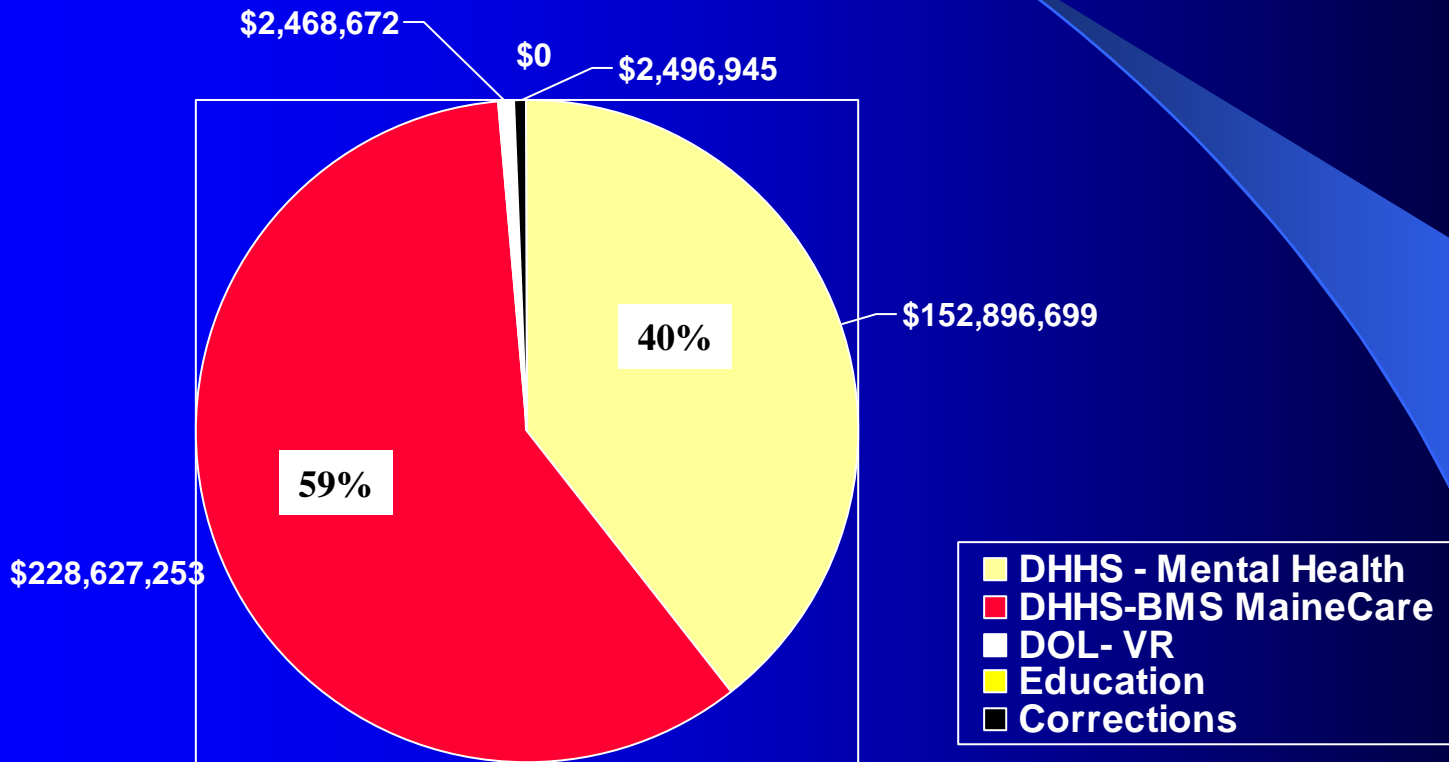
Total Mental Health Expenditures: \$648,705,232

Maine Other State Agency Study: Statewide Mental Health Service Use By Service Type Children & Adults FY2004



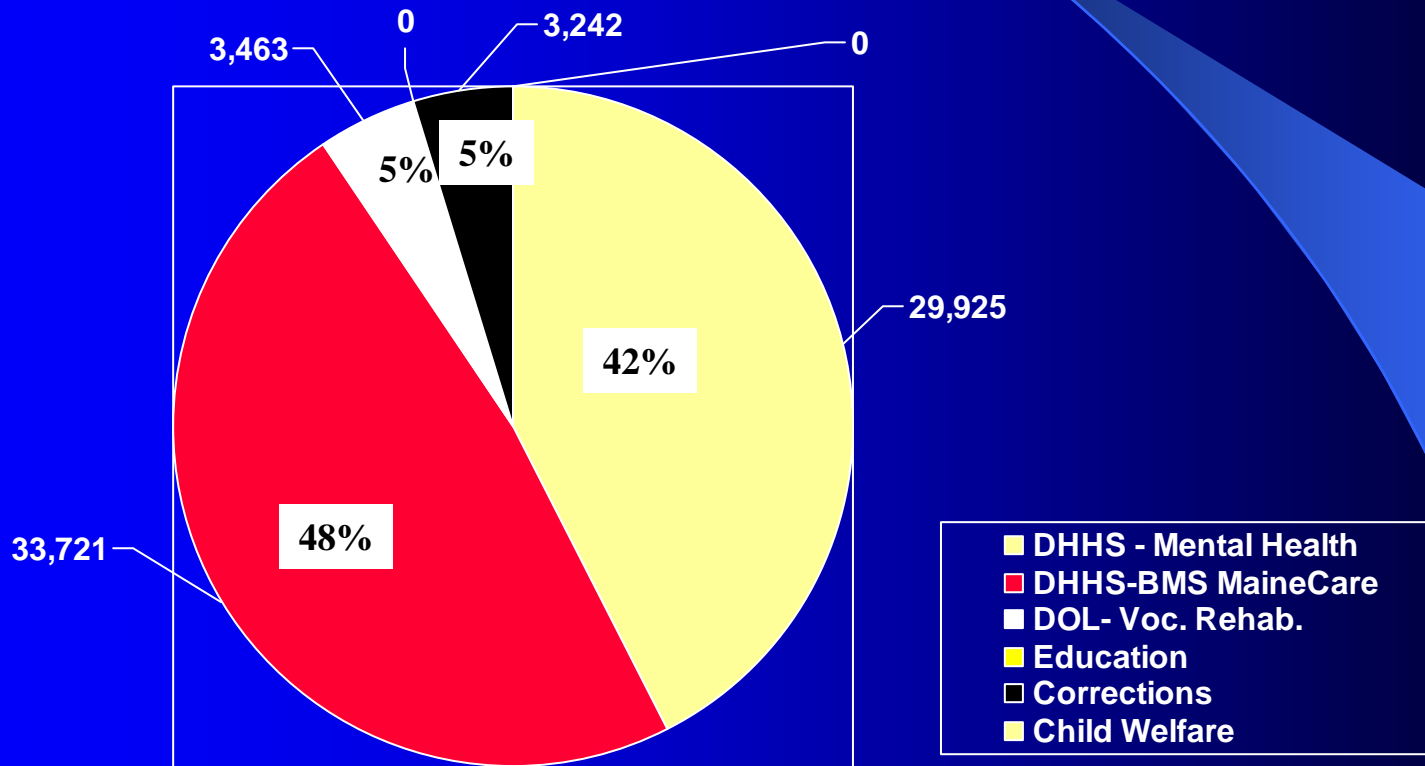
Total Duplicated Number of Children & Adults Served across service sectors = 167,539
Counts are duplicated since individuals may receive multiple types of services over a 12 month period.

Maine Other State Agency Study: Exploring Mental Health Service Expenditures Across State Government: Adults: FY2004



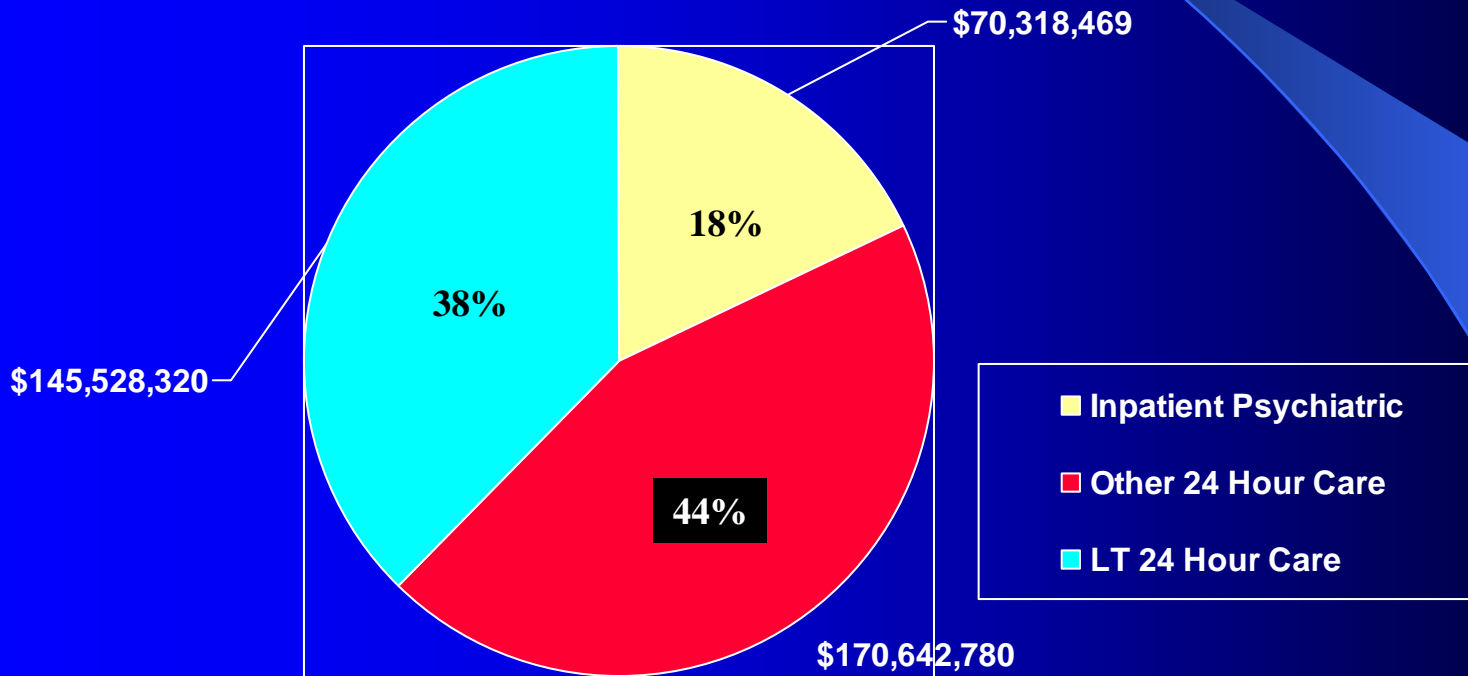
Total Mental Health Expenditures: \$386,489,569

Maine Other State Agency Study: Mental Health Use Across State Government: Adults: FY2004



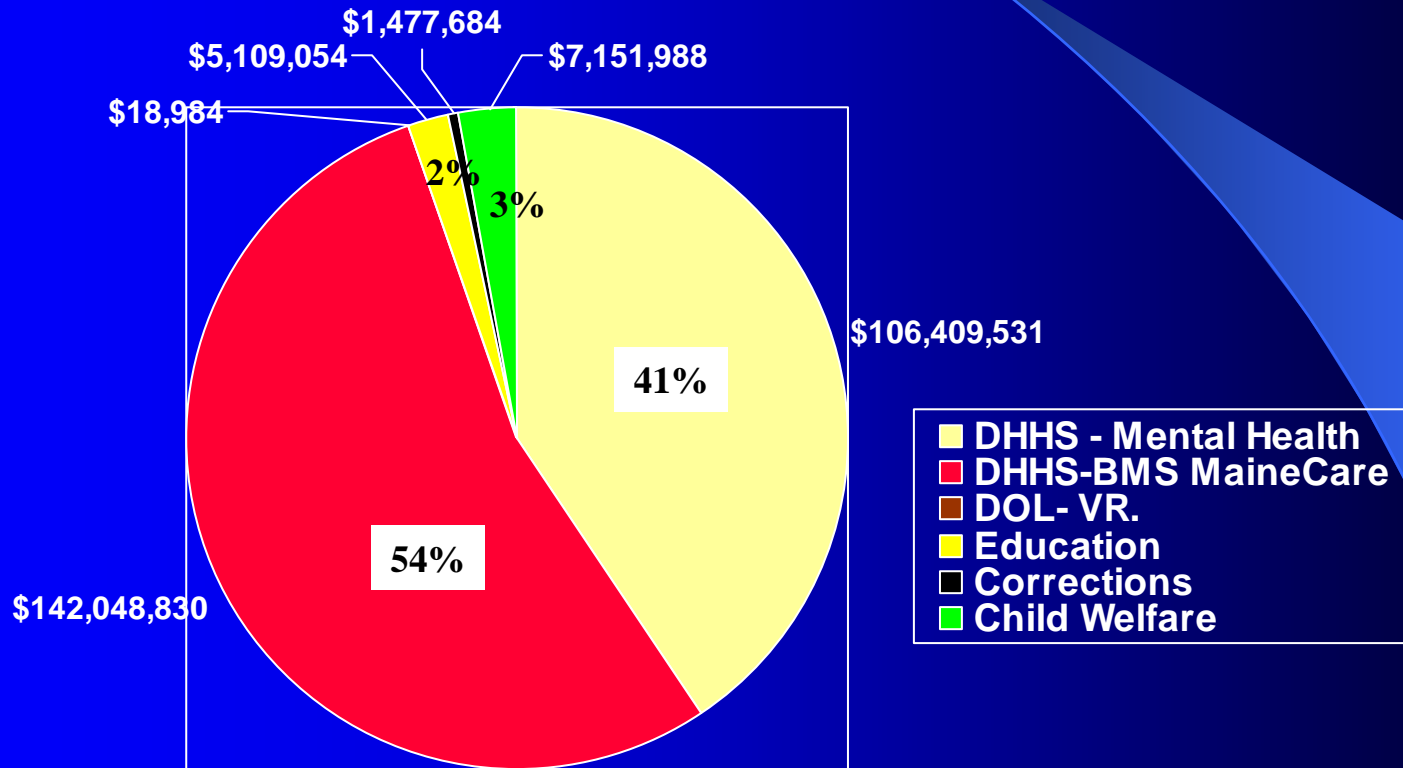
Total Number of Adults Served (duplicated across sectors): 70,351

Maine Other State Agency Study: Mental Health Expenditures By Service Category: Adults FY2004



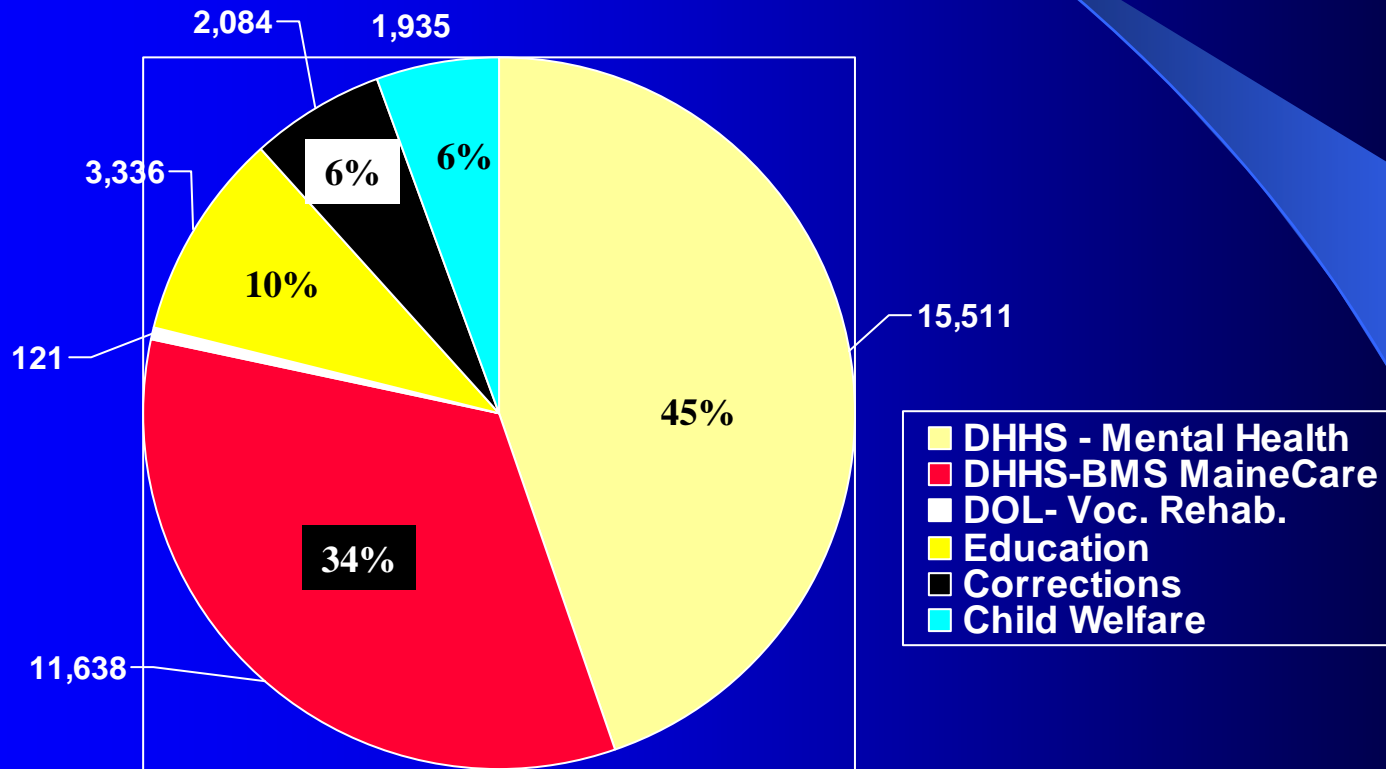
Total Mental Health Expenditures (Some duplication):
\$386,489,569

Maine Other State Agency Study: Mental Health Expenditures Across State Agencies: Children: FY2004



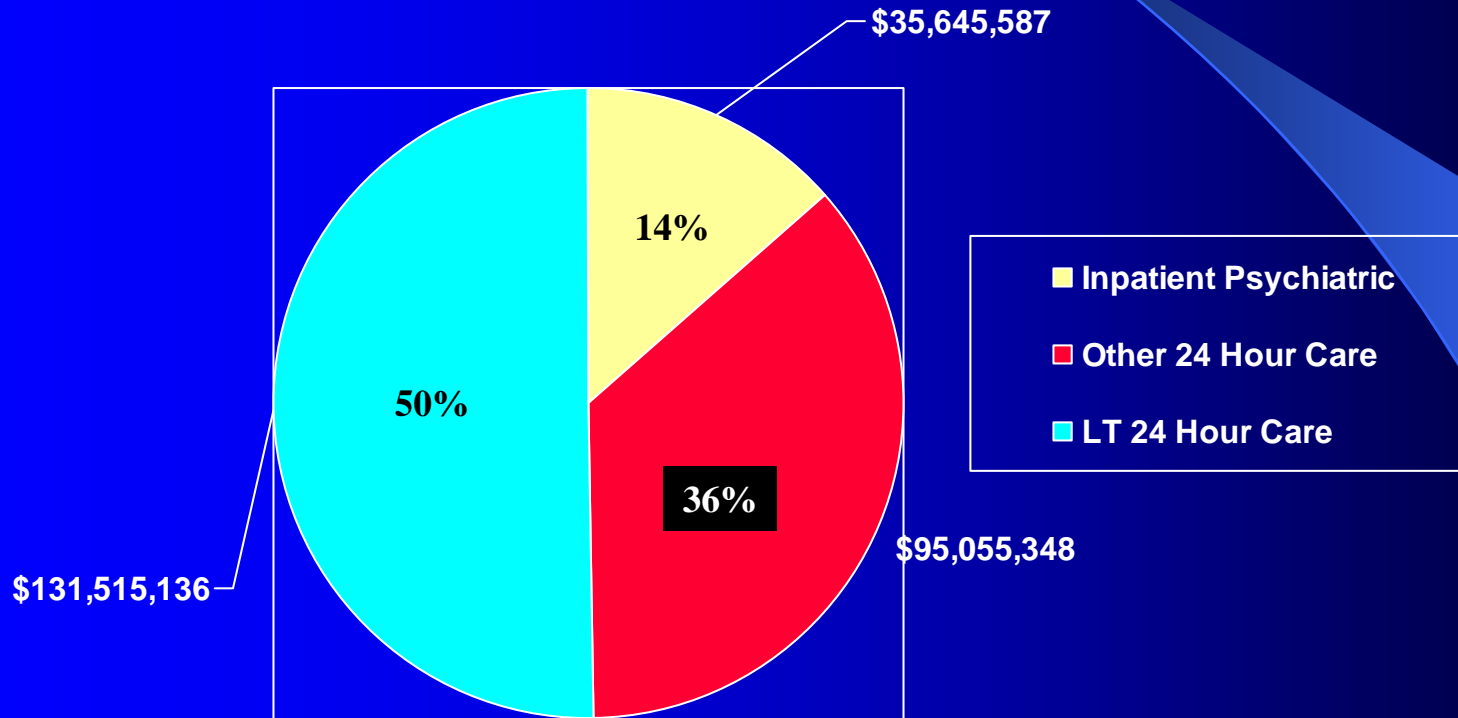
Total Mental Health Expenditures: \$262,216,071

Maine Other State Agency Study: Mental Health Service Use Across State Government: Children: FY2004



Total Number of Children Served (Duplicated across service sectors): 34,625

Maine Other State Agency Study: Mental Health Expenditures By Service Category: Children: FY2004



Total Mental Health Expenditures (Some duplication):
\$262,216,071

Maine Other State Agency Study: Summary of Results

- 648.7million dollars expended in FY 2004 across state government on public mental health services yielding an average Per Capita expenditure of \$498.
- 81,829 (known duplication removed) children & adults received services in FY 2004 accounting for 6.3% of the Maine's population.
- Over one-half (57%) of mental health expenditures were for high-cost residential Tx and Psychiatric Inpatient services and used by 17% of the service users.
- Most service users (83%) received community-based (less than 24 hour) services accounting for 43% of statewide expenditures.
- MaineCare/Medicaid system primary funding source of mental health services accounting for 86% of service users and most (over 90%) of mental health expenditures.
- Sixty-percent of annual mental health expenditures go toward adult services and 40% to child & adolescent services.

Maine Other State Agency Study: Reporting Challenges and Issues

- Methods/data elements for identifying mental health populations varied across OSA's.
- Ambiguity in determining services requirements for inclusion or exclusion.
- Ability to break out expenditures by specific state & federal funding sources varied across agencies.
- Variability in state agency data systems in their capacity to capture mental health service use and expenditure information.
- Multiple stand-alone data systems with differing capacities to link data at the individual client level.
- Variability in agency capacity to link expenditure and client level data.
- Confidentiality policies reported by one OSA as obstacle to sharing of individual client level data.

Maine Other State Agency Study: Next Steps

- Develop methods and assess overlap between and among the state agencies.
- Review & refine methods to more exactly isolate mental health target populations.
- Perform analyses of expenditure information by state and federal revenue sources.
- Identify opportunities for increased coordination among state agencies and strategies to reduce barriers to the provision of mental health services.
- Identify opportunities to maximize or redirect limited resources to improve services.
- Develop strategies to enhance integration of data systems across state agencies.

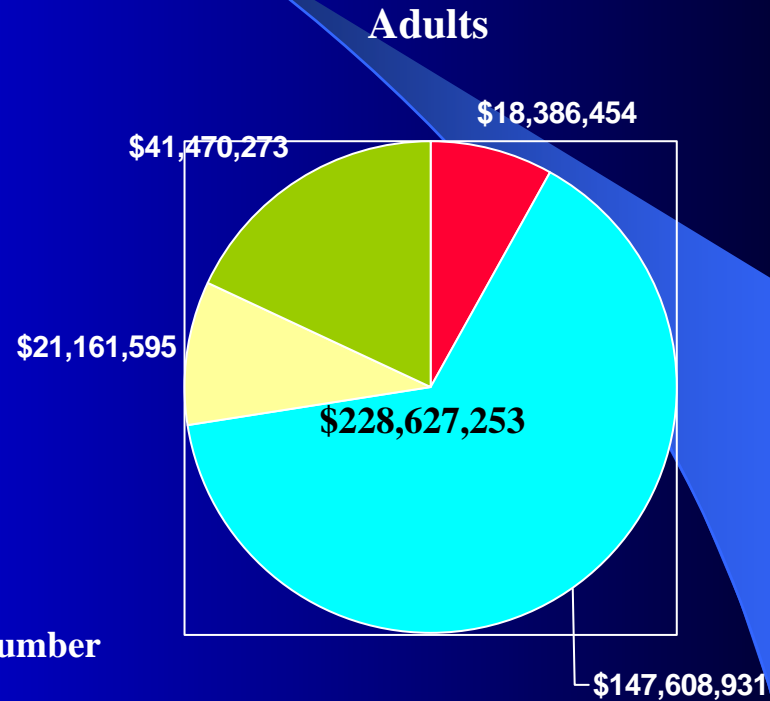
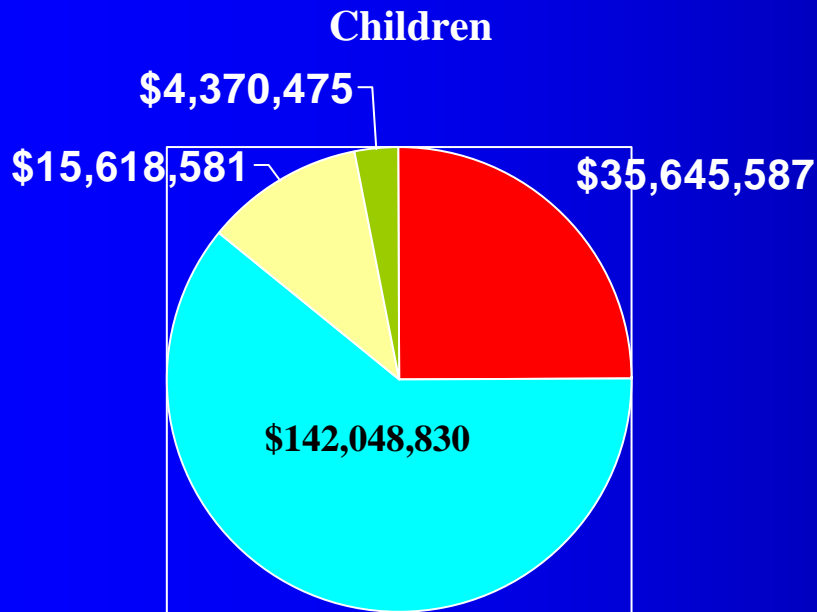
Maine Other State Agency Study

State Agency Service Use & Expenditure
Profiles

Maine Other State Agency Study: Preliminary Findings

Bureau of Medical Services MaineCare

Mental Health Expenditures – Children & Adults



\$86,414,187

- Inpatient Hospital
- Other 24 Hour Care
- LT 24 Hour Care
- Pharmacy

Unduplicated Number Served

Children = 12,159

Adults = 42,732

Total Expenditures: \$370,676,083

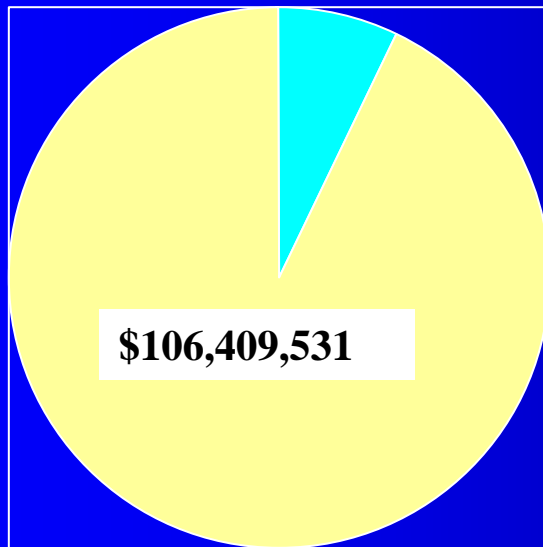
Maine Other State Agency Study: Preliminary Findings

DHHS Mental Health

FY2004 Expenditures for Children & Adults

Children

\$7,626,469



\$98,783,062

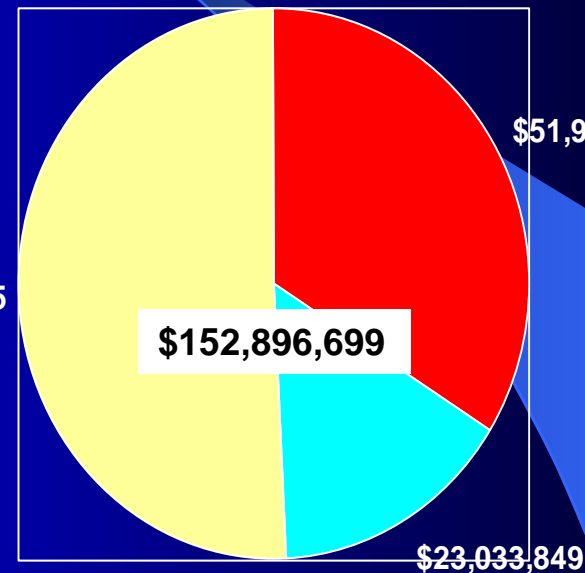
Unduplicated Number Served:

Children = 15,511

Adults = 29,925

Adults

\$77,930,835



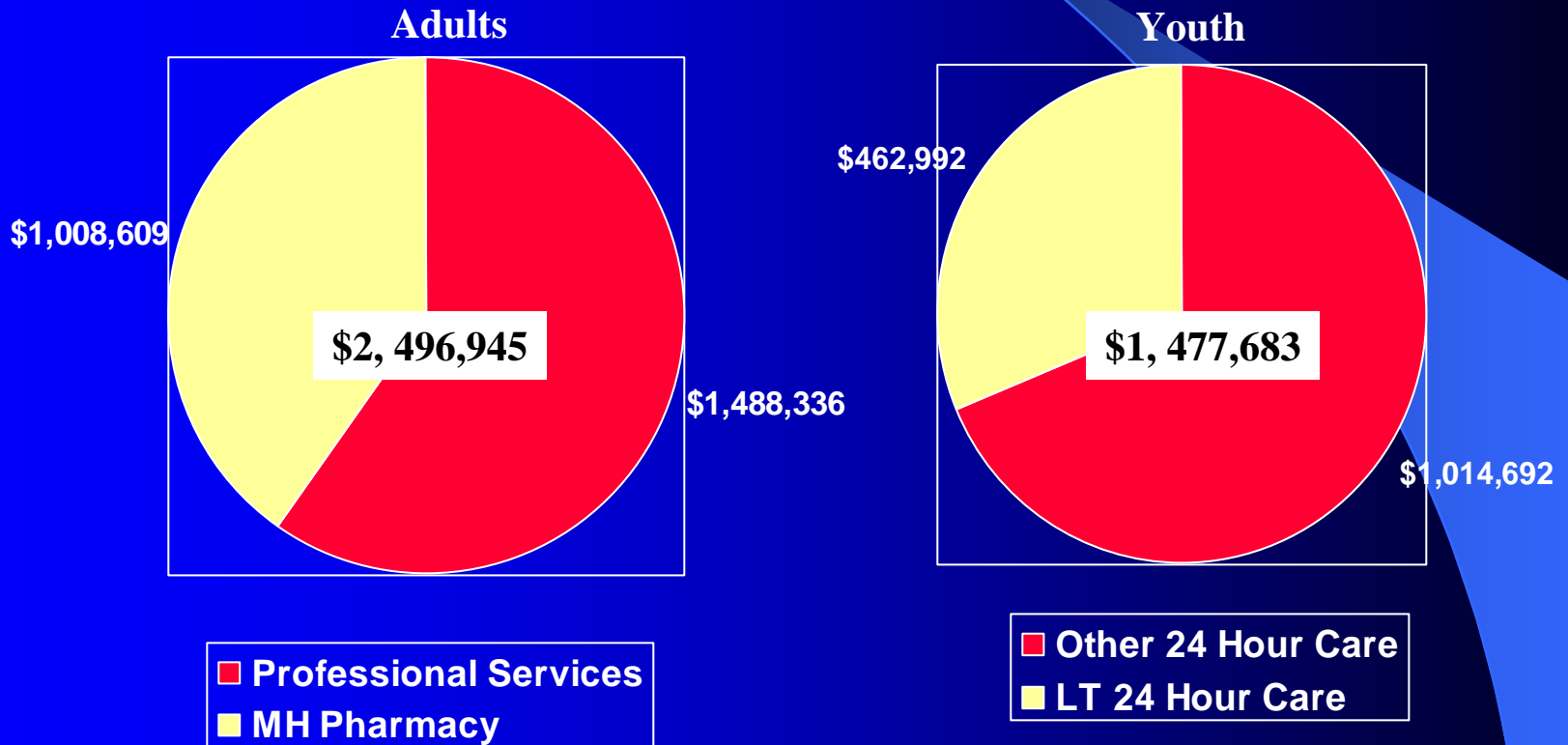
■ Inpatient Hospital

■ Other 24 Hour Care

■ LT 24 Hour Care

Total Mental Health Expenditures: **\$259,306,230**

Maine Other State Agency Study: Preliminary Findings Department of Corrections – Adult & Youth Corrections Mental Health Expenditures

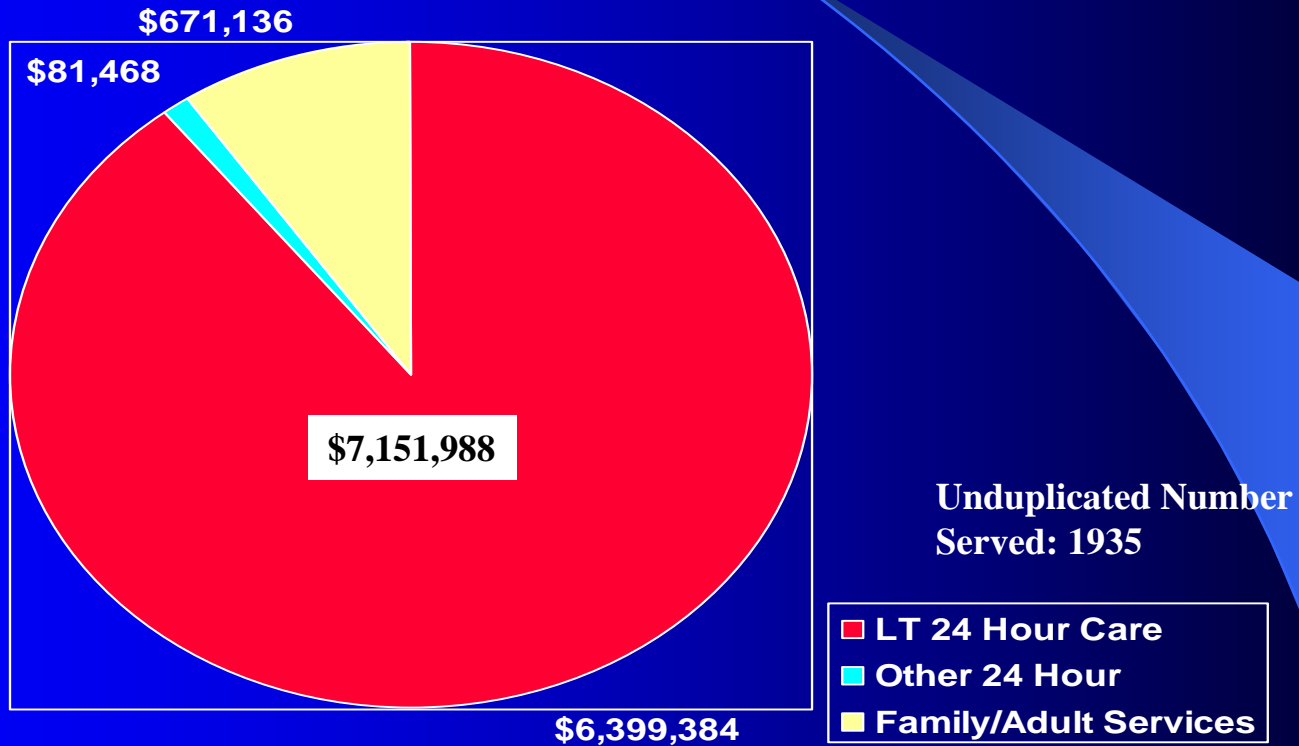


Total Mental Health Expenditures: \$3,974,629

Maine Other State Agency Study: Preliminary Findings

Child Welfare – Child & Family Services

Mental Health Expenditures

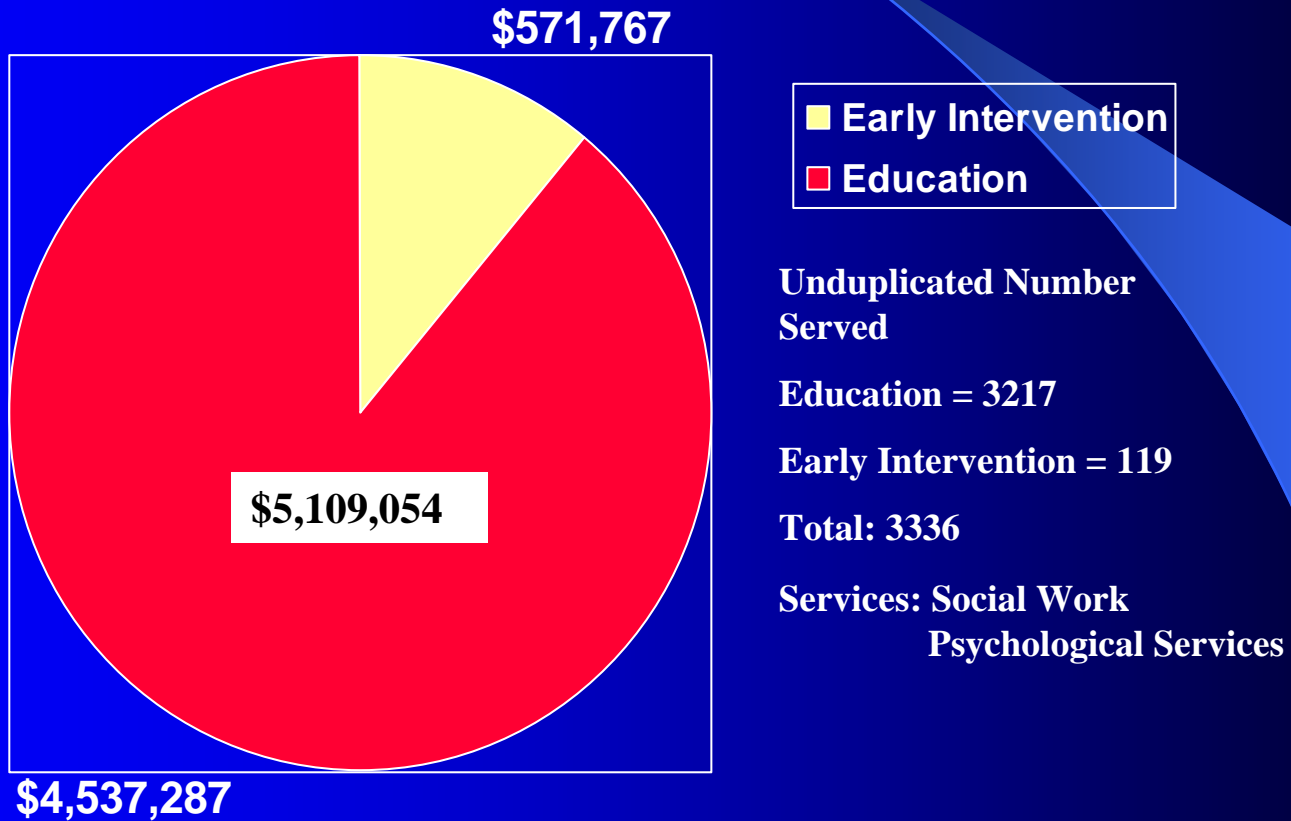


Notes: Costs for Therapeutic Foster Care, Residential Tx & Inpatient Psychiatric services captured in DHHS-BMS (MaineCare) expenditures.

Maine Other State Agency Study: Preliminary Findings

Department of Education

Mental Health Expenditures

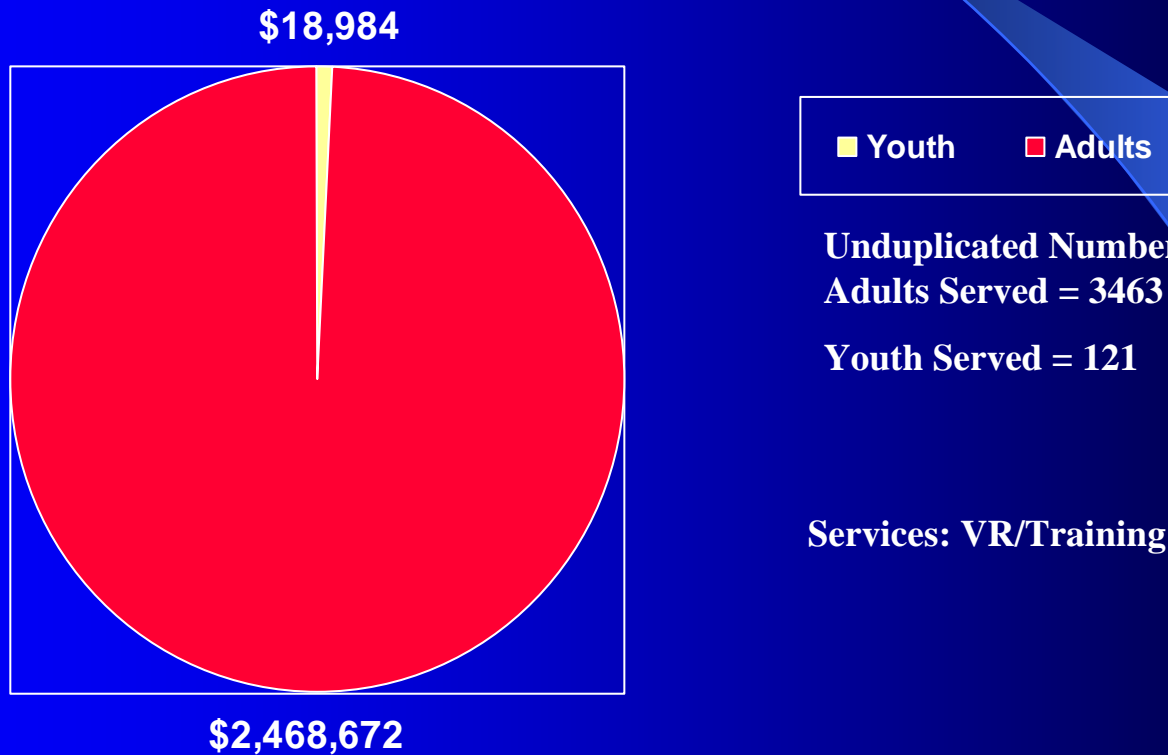


Total Mental Health Expenditures: \$5,109,054

Maine Other State Agency Study: Preliminary Findings

Department of Labor: Vocational Rehabilitation

Mental Health Expenditures – Adults & Youth



**Unduplicated Number
Adults Served = 3463**

Youth Served = 121

Services: VR/Training

Total Mental Health Expenditures: \$2,487,656