



Overview of Children, Adolescent and Young Adult Behavioral Health Data

Presentation to the Consortium Data Committee

November 10, 2022

Presentation Overview

- ▶ Review of MDH BHA Primary Behavioral Health Data Sources
- ▶ Current Data Focused Initiatives
- ▶ PBHS Services Data on Children and Young Adults
- ▶ Questions and Discussion

Primary Data Sources Used at BHA

- ▶ Public Behavioral Health Service (PBHS) Claims and Medicaid Eligibility Data
- ▶ CRISP Public Health Dashboard and Hospital Overdose Events
- ▶ HSCRC Hospital Case Mix Data
- ▶ Suicide and Unintentional Intoxication Death Data: Office of Chief Medical Examiner (OCME) and Vital Statistics Administration
- ▶ Prescription Drug Monitoring Program (PDMP)
- ▶ Consumer Perception of Care Child Caregiver Annual Survey
- ▶ Youth Risk Behavior Survey
- ▶ National Survey on Drug Use and Health (NSDUH)
- ▶ Behavioral Health Licensing Data

Current Behavioral Health Data Focused Initiatives

- ▶ Statewide Behavioral Health Crisis Data System Development
- ▶ State Opioid Response III Data, Reporting and Continuous Improvement
- ▶ Data Informed Opioid Mitigation (DORM) Linked Data Systems
- ▶ BHA Opioid Death Surveillance and Forecasting
- ▶ Behavioral Health Service Mapping Project
- ▶ Behavioral health Adverse Childhood Experiences and Trauma Informed Care Data to Action, Training and Technical Assistance Program

Overview of PBHS Service Utilization Trends

Background and Methods

- ▶ Based Annual Child and Young Adult Service Use and Expenditure Study Data
- ▶ Data obtained through MD Behavioral Health Administrative Services Organization (OPTUM)
- ▶ Data based on PBHS Service Claims data (FY 2018 to FY 2021) with claims updated through June 30, 2022
- ▶ Includes only Medicaid/Uninsured recipients of behavioral health services
- ▶ Target Group: children, youth and young adults Birth to 25 Years who are recipients of PBHS services

PBHS Child and Young Adult Medicaid Behavioral Health Services

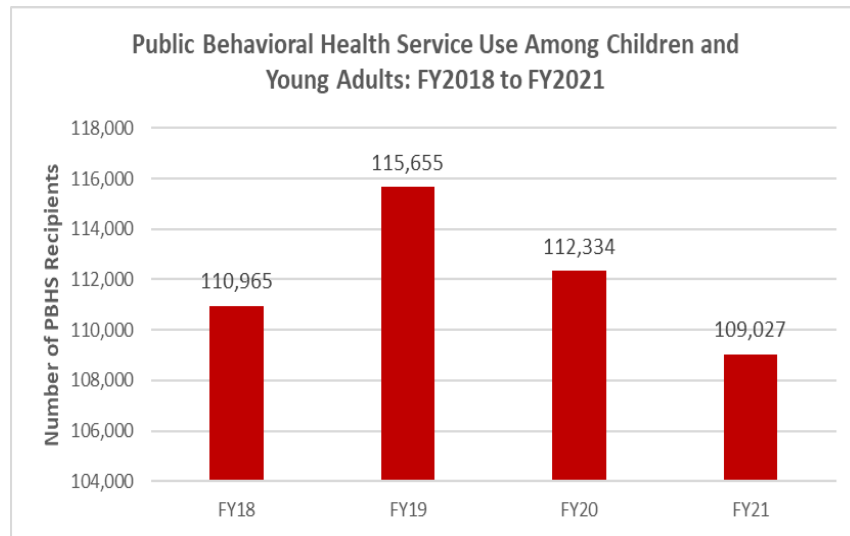
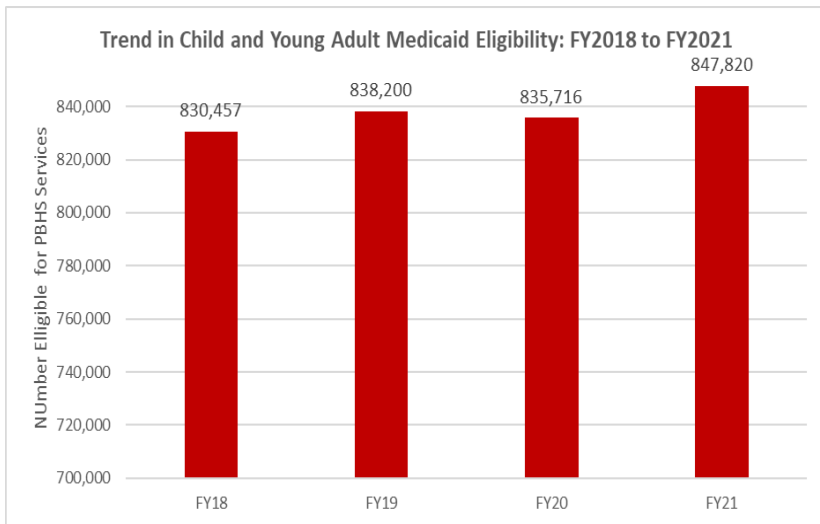
Mental Health

- MH Emergency Room
- Psychiatric Inpatient Hospital
- Targeted Case Management
- Crisis Residential
- Outpatient MH
- Partial Hospitalization
- Psychiatric Rehabilitation Program
- Residential Rehabilitation
- Respite Care
- Supported Employment

Substance Use Disorder (SUD)

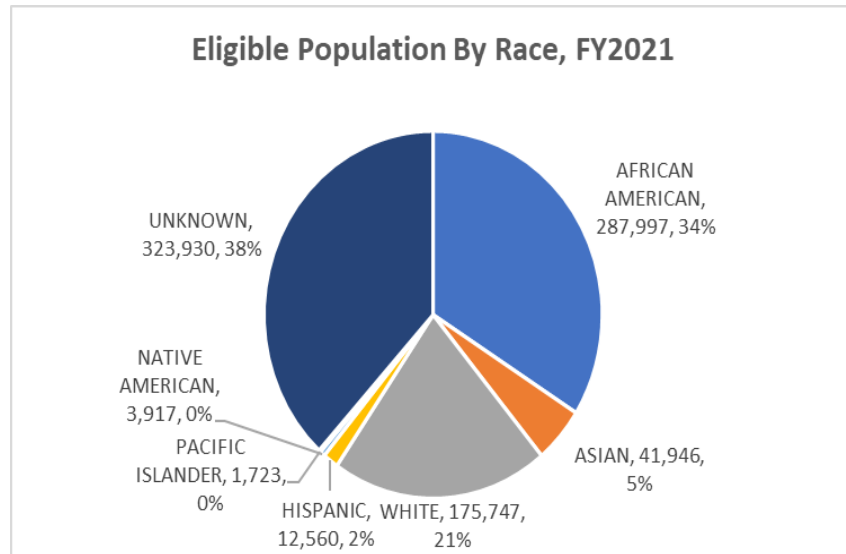
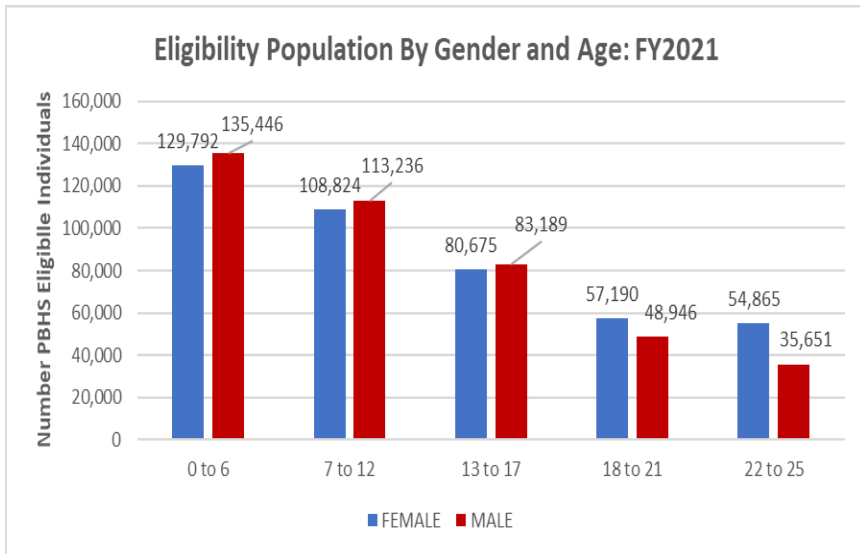
- Inpatient Hospital
- Emergency Room
- Outpatient
- Partial Hospitalization
- Intensive Outpatient
- Residential Treatment
- Methadone Maintenance (Opioid Treatment Programs)
- Court Ordered SUD Treatment
- Residential Pregnant Women and Children

Service Eligibility and Utilization Trends for Child and Young Adult (Birth - 25 Years) Recipients of PBHS Services FY18 To FY21



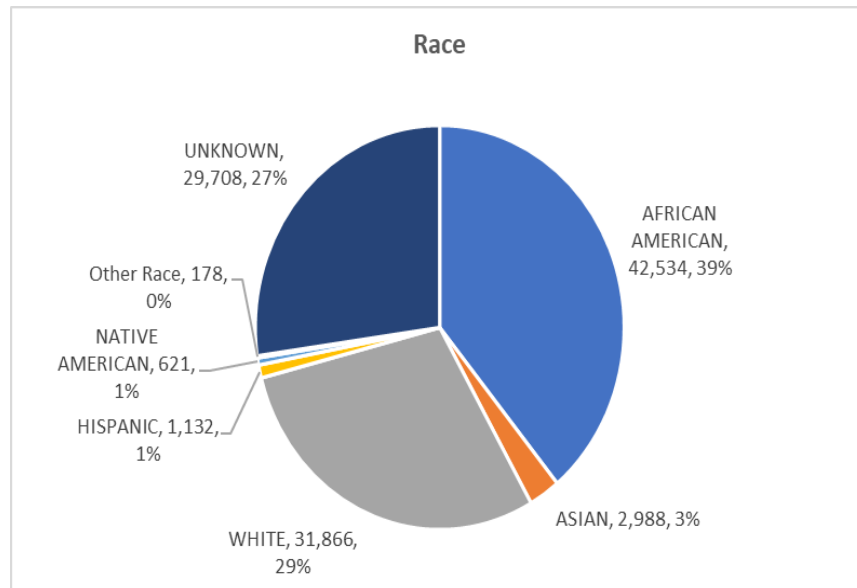
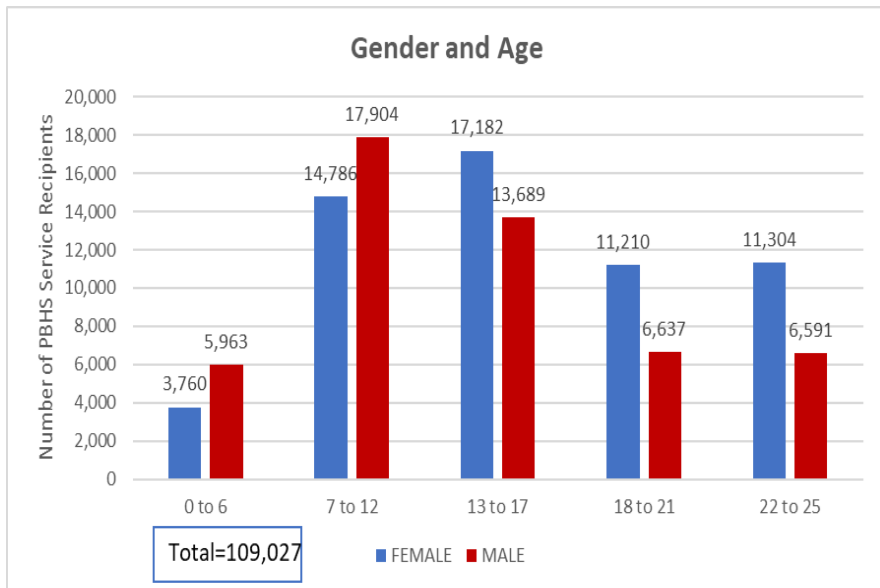
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022. Medicaid Eligibility data

Children and Young Adult Eligible for PBHS Services User Demographic Profile



Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

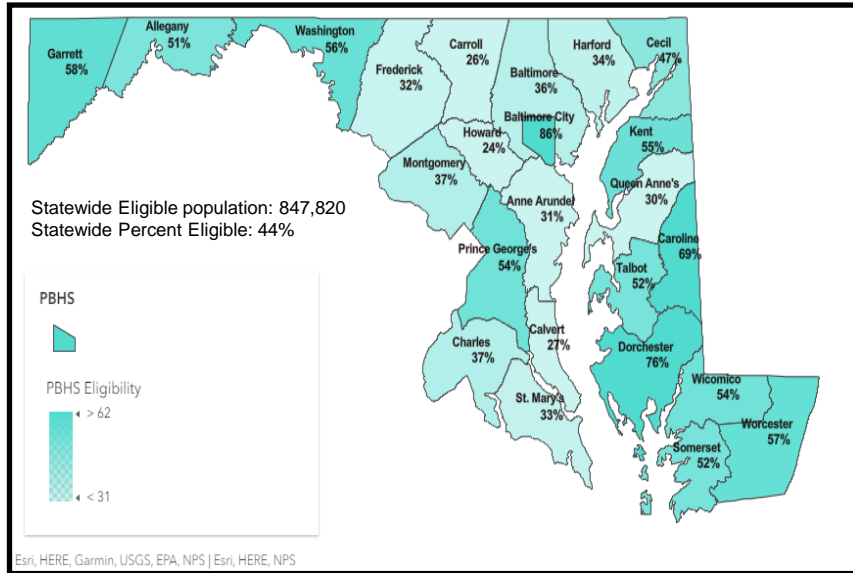
Child and Young Adult PBHS Service User Demographic Profile



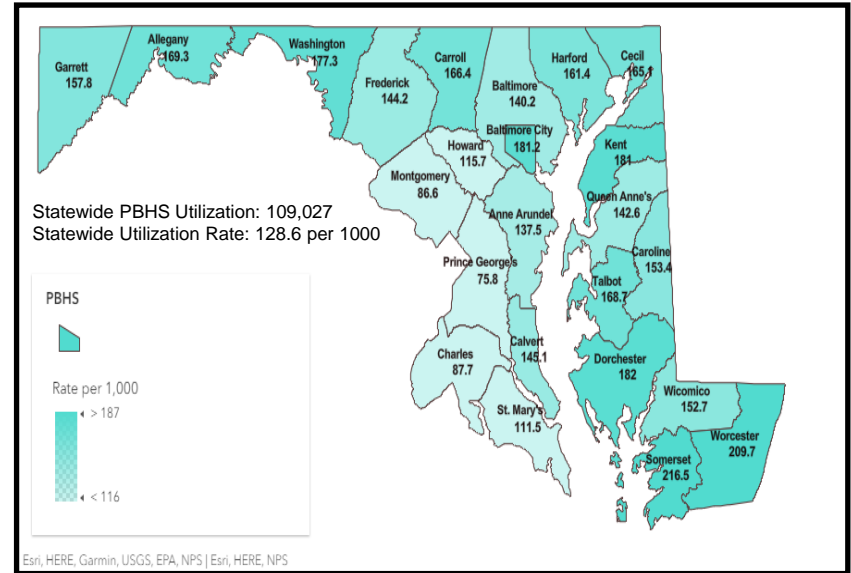
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

PBHS Service Eligibility and Utilization Among Children and Young Adults By Jurisdiction, FY 2021

PBHS Eligibility

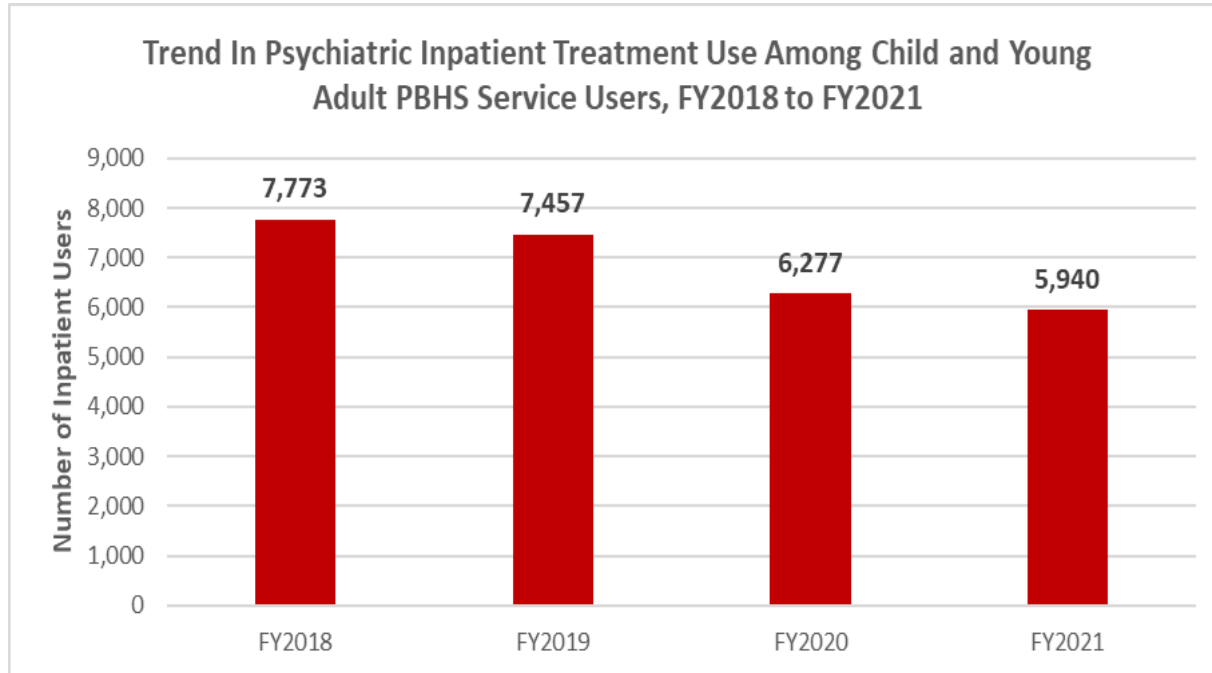


PBHS Utilization



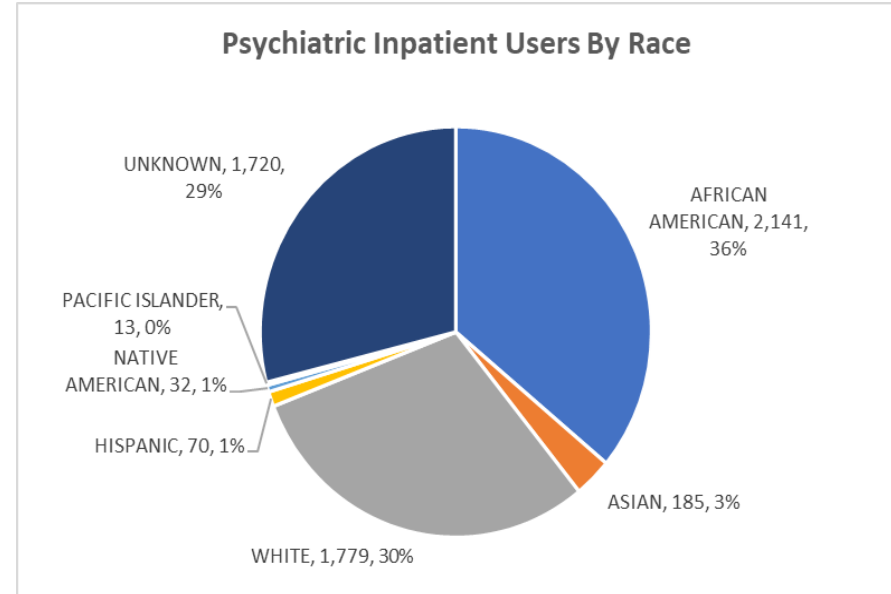
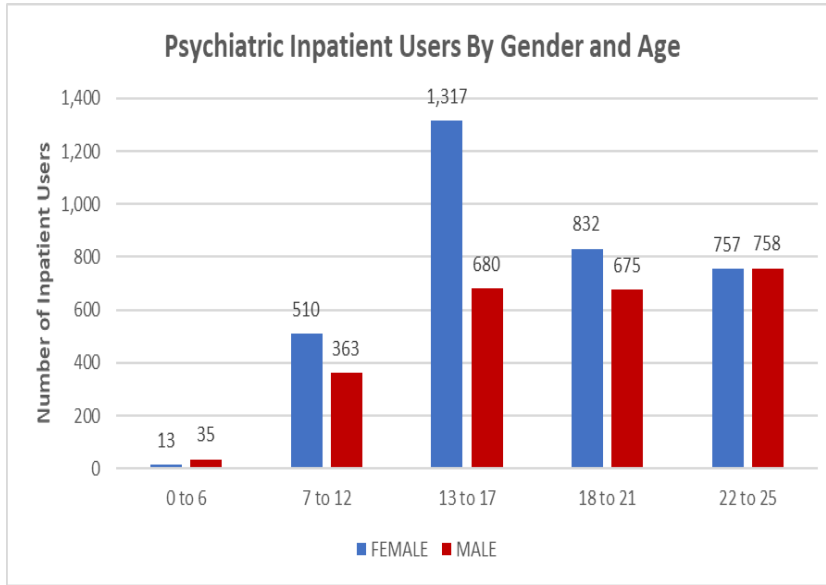
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Trend in Inpatient Psychiatric Service Use: FY2018 - FY2021



Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

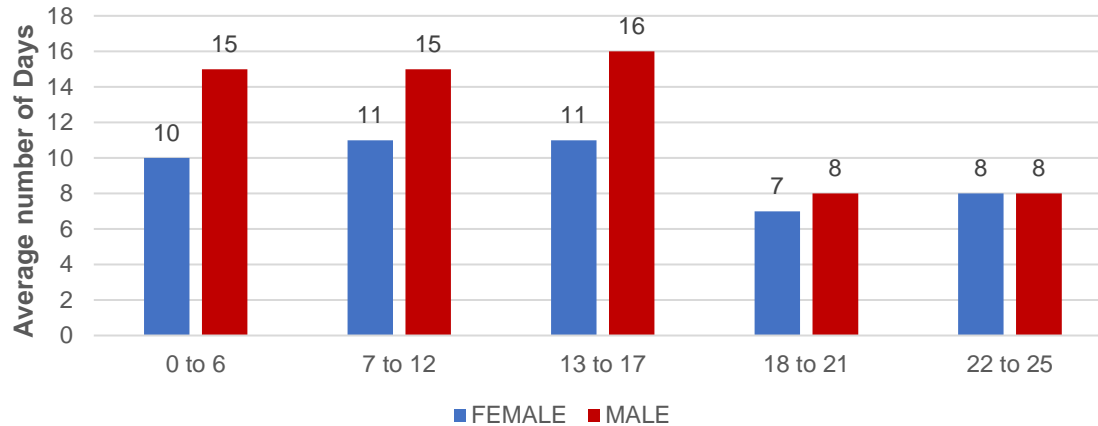
Inpatient Psychiatric Service Users: Demographic Profile, FY2021



Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

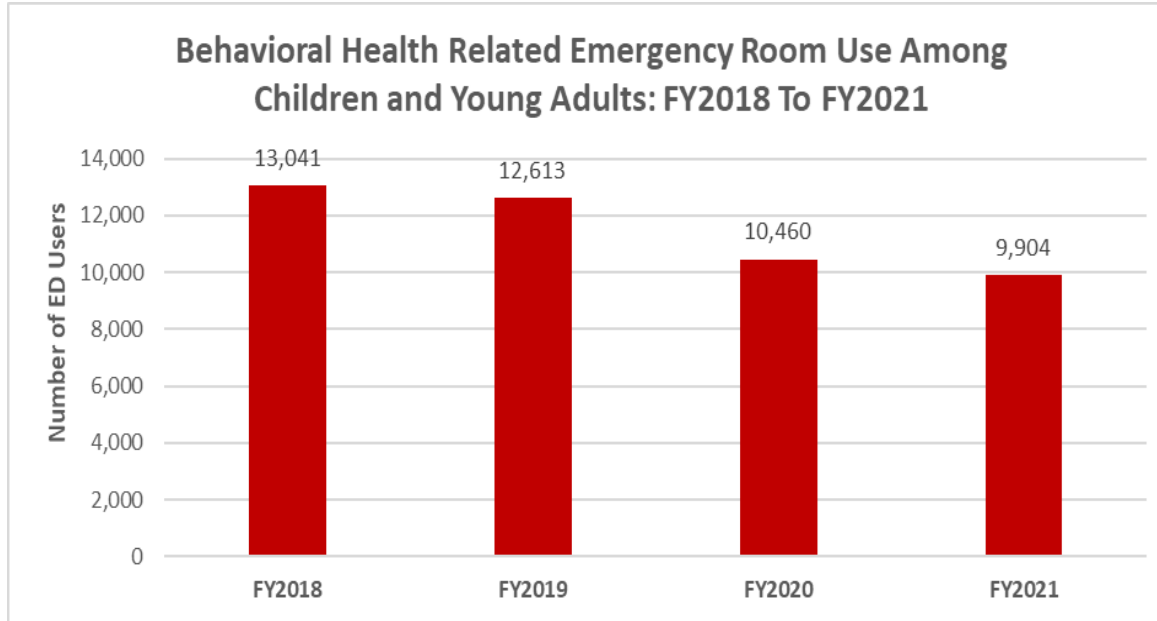
Psychiatric Inpatient Average Length of Stay By Gender and Age: FY2021

Average Psychiatric Inpatient Length of Stay By Gender and Age: FY 2021



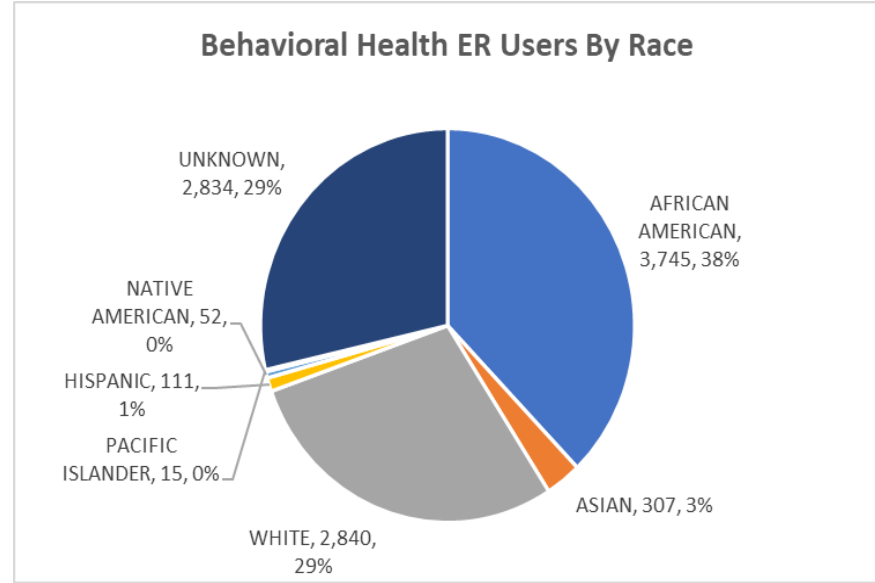
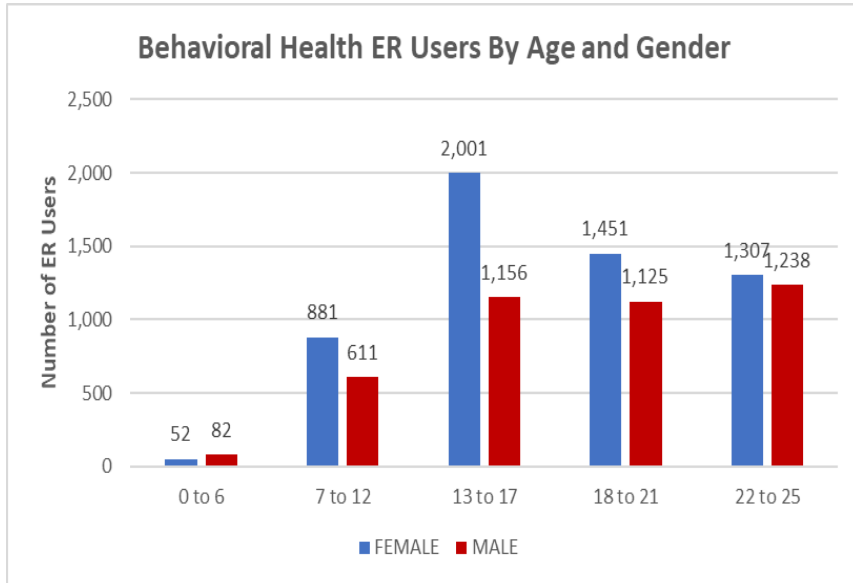
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Trend in Behavioral Health Emergency Department Utilization: FY2018-2021



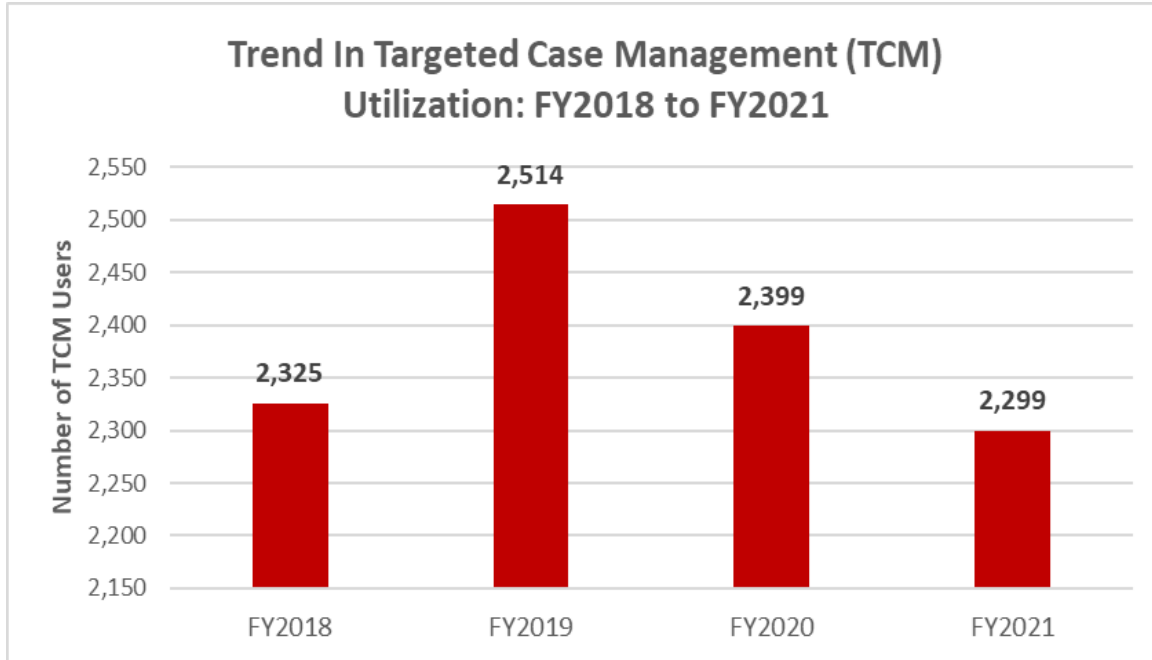
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Behavioral Health Emergency Department Users: Demographic Profile, FY2021



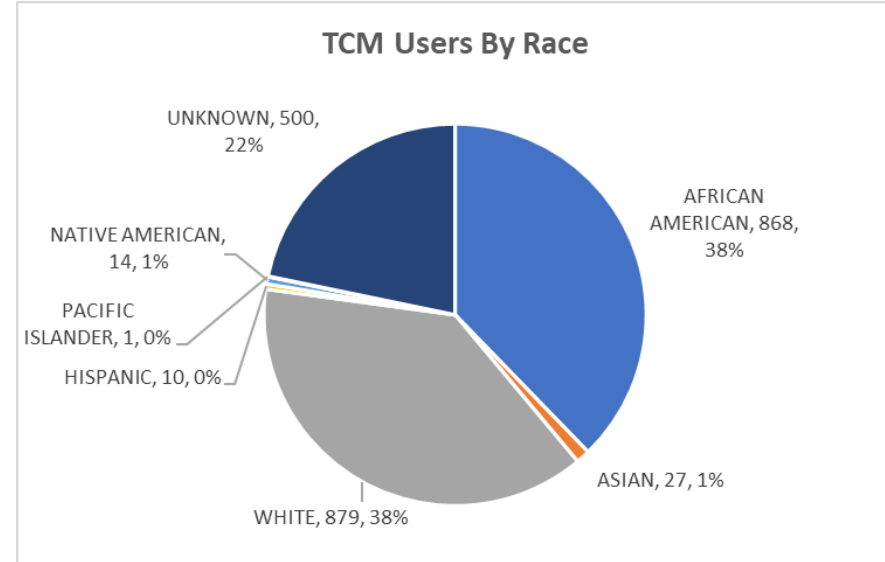
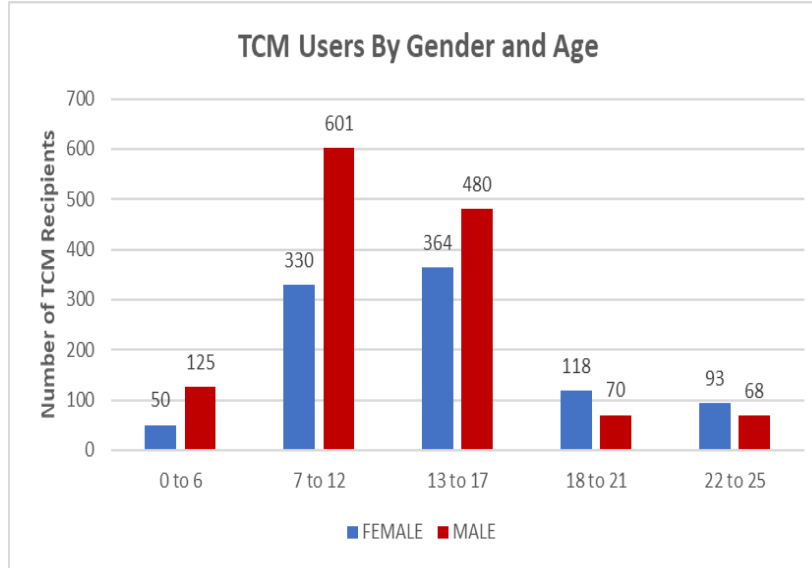
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Trend in Targeted Case Management Utilization: FY 2018-2021



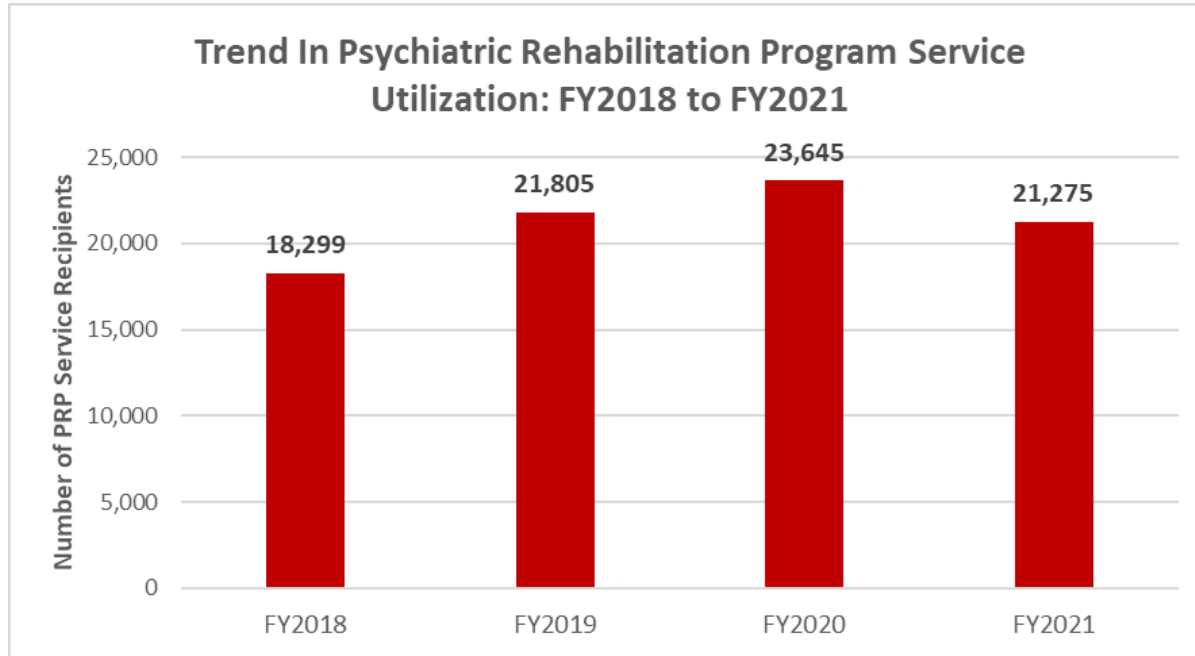
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Targeted Case Management Users: Demographic Profile, FY2021



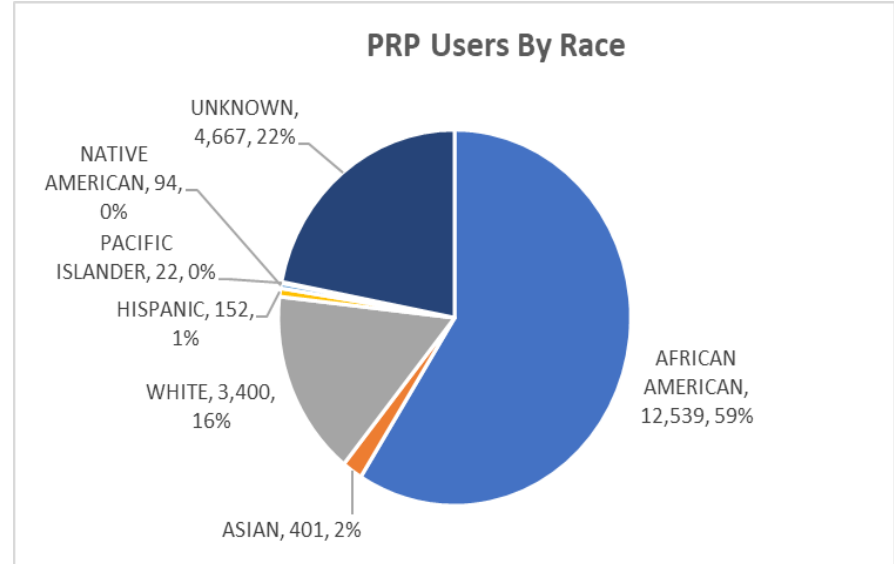
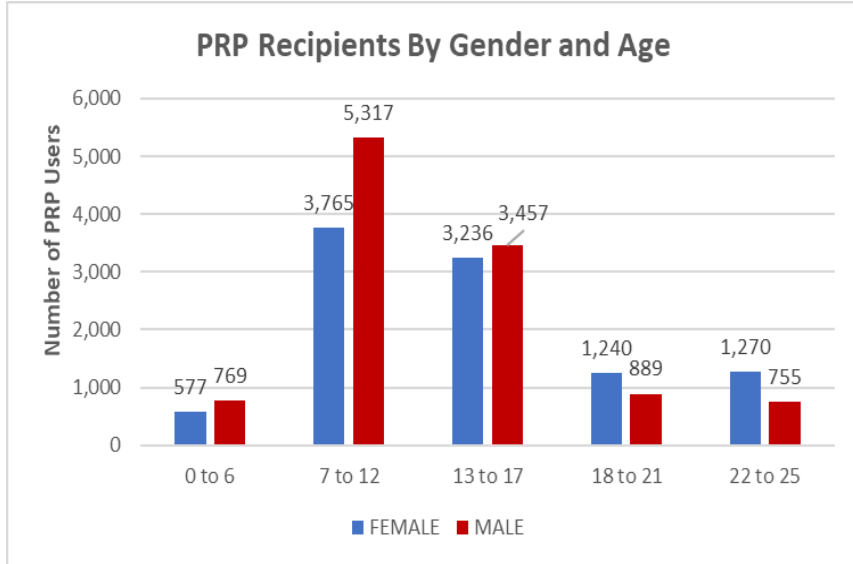
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Trend in Psychiatric Rehabilitation Program Utilization: FY2018-2021



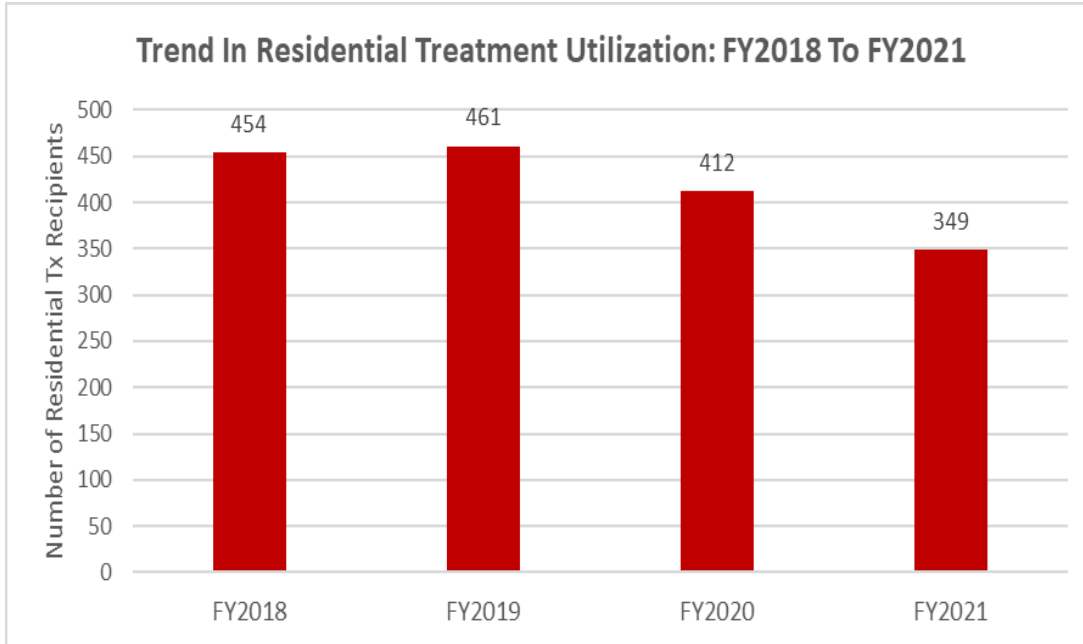
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

PRP Users: Demographic Profile, FY2021



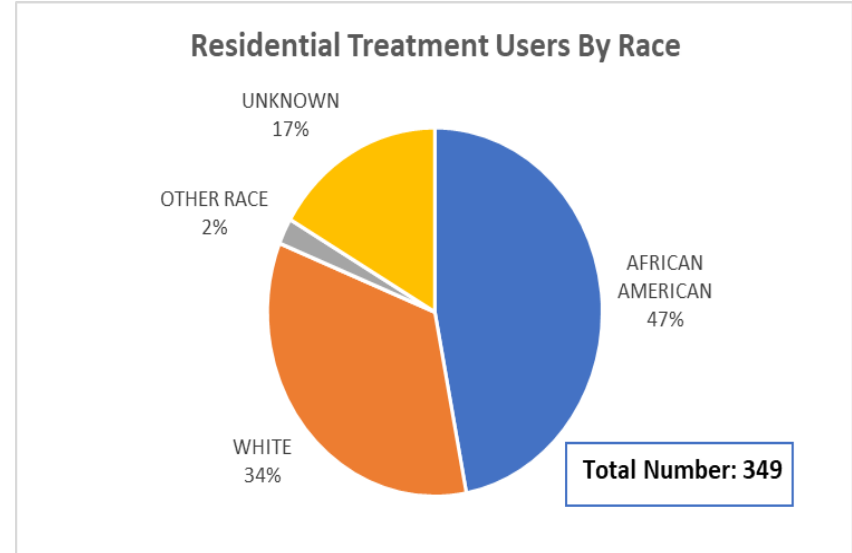
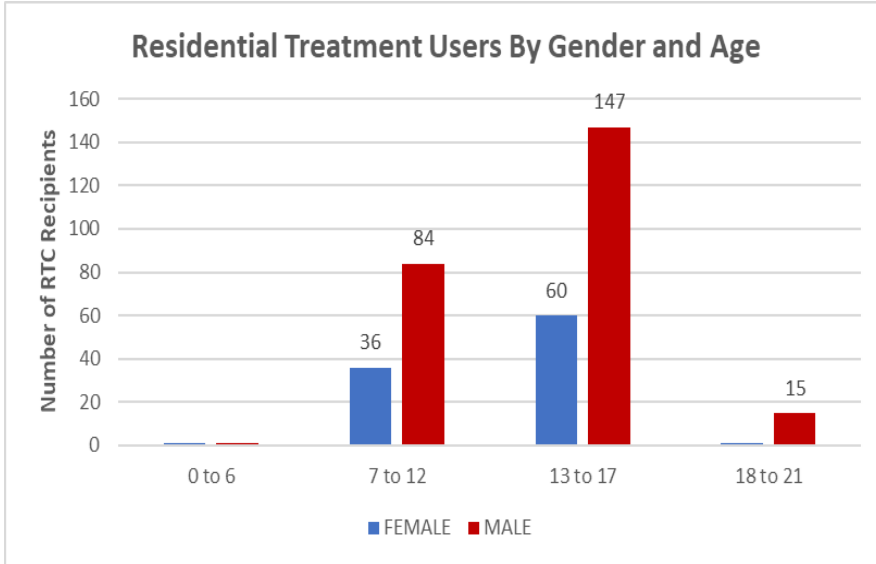
Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Trend in Residential Treatment Utilization: FY2018 - FY2021



Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021.
Data updated through June 30, 2022.

Residential Treatment Users: Demographic Profile, FY2021



Data Source: PBHS Behavioral Health Service Claims: FY2018 to FY 2021. Data updated through June 30, 2022.

Key Takeaways

Key Takeaways

- ▶ Children and young adults (birth to 25 years) represent one third of Maryland population (1,935,027)
- ▶ It is estimated that 20% to 25% experience behavioral and emotional challenges (387,030 - 483,787) and 9 -12% experience serious emotional behavioral challenges (232,218)
- ▶ 41% of CYA population are Medicaid Eligible
- ▶ 109,027 individuals received PBHS services in 2021
- ▶ PBHS service use has decreased 6% between FY19 and FY21 while Medicaid eligibility increased slightly over the same time period
- ▶ PBHS service use rates vary substantially across the states. Highest rates in the lower Eastern Shore, Baltimore City and Western MD and lowest rated in Howard, and Capital Region

Key Takeaways

- ▶ Most frequently used services include outpatient behavioral health services (93%) and PRP services (19.5%)
- ▶ PBHS service use decreased for all services other than PRP services where there has been a 29% increase
- ▶ Psychiatric Inpatient and ER service use have decreased since 2018; Females 13 - 17 years most likely to use ER and inpatient hospital services compared to males

Questions

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