



NC DEPARTMENT OF
**HEALTH AND
 HUMAN SERVICES**
 Division of Mental Health, Developmental
 Disabilities and Substance Use Services

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Standard Data Points

(Last Updated 4/1/24)

The Quality Management Team is often asked to assist DMH/DD/SAS staff obtain or produce estimates of numbers that describe the services provided or the people we serve in NC. This information collection is the most current information available from a variety of sources. Sources and links are provided for reference and to allow readers to evaluate how current the data is, to check for updates, or to search for additional information. This information collection is updated as new information becomes available. Please refer questions or suggestions to the QM Team at contactdmhquality@dhhs.nc.gov.

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NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF MENTAL HEALTH, DEVELOPMENTAL DISABILITIES AND SUBSTANCE ABUSE SERVICES

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AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

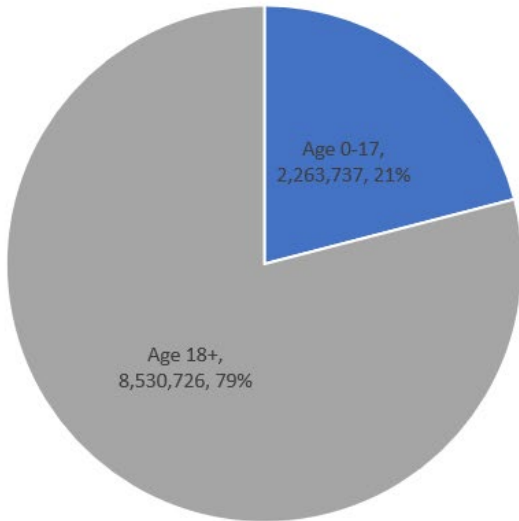
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Demographics

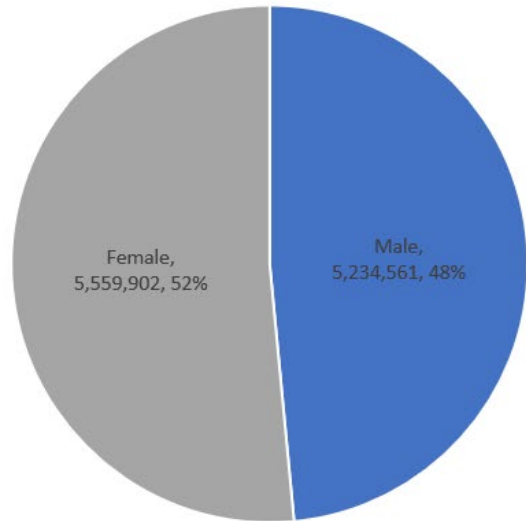
North Carolina Population

- July 2023 **population in NC is 10,794,463** (10.8 million)

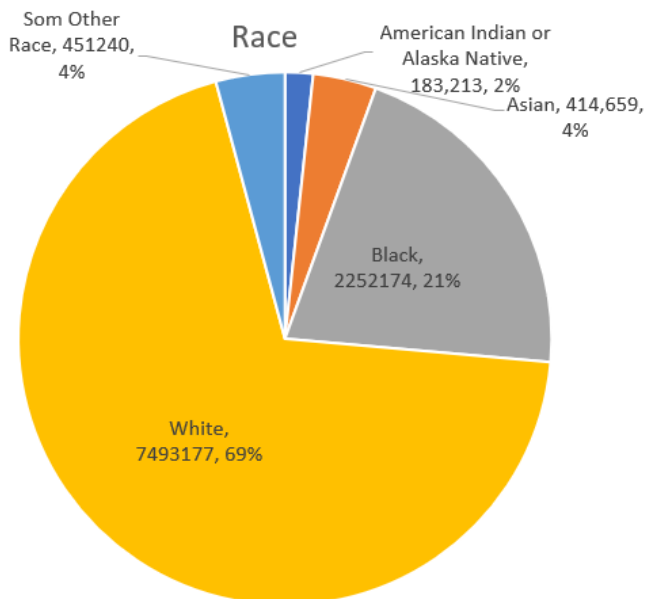
Age



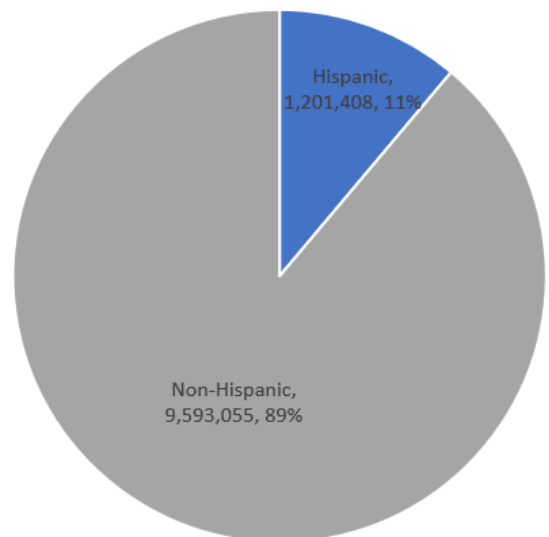
Gender



Race



Ethnicity



Data Source: <https://www.osbm.nc.gov/facts-figures/population-demographics/state-demographer/countystate-population-projections>. Last updated: 3/30/23. Downloaded 5/5/23.

Persons enrolled in Medicaid

- SFY2023 Average **Monthly Medicaid Enrollees: 2,812,062**
- SFY2023 Annual **Unduplicated Medicaid Enrollment Counts: 2,931,557**

Data obtained from the NC Medicaid website, Medicaid and Health Choice Enrollment Reports page (<https://medicaid.ncdhhs.gov/documents/reports/enrollment-reports/medicaid-and-health-choice-enrollment-reports>), Downloaded 8/28/23.

Persons enrolled in Medicaid and served by the LME/MCOs and Standard Plans (SPs) in SFY2022

- SFY2022 Annual Medicaid Waiver Enrollment Counts (LME/MCOs): **629,734 (0.6 million)**
- SFY2022 Annual Medicaid Enrollment Counts (SPs): **1,763,367 (1.8 million)**
- SFY2022 Annual Medicaid Enrollment Counts (LME/MCOs & SPs): **2,295,835 (2.3 million)**
- SFY2022 Persons that **received at least one MH/IDD/SUD** service (LME/MCOs): **162,282**
- SFY2022 Persons that **received at least one MH/IDD/SUD** service (SPs): **295,481**
- SFY2022 Persons that **received at least one MH/IDD/SUD** service (LME/MCOs & SPs): **447,563**

Data source: Extracted by DMH/DD/SUS QM from NCTracks and EPS claims data, based on claims paid as of 5/22/23. LME/MCOs served persons ages 3 and older. SPs served persons ages 0 and older.

Uninsured Persons and persons (ages 3 and older) that received State or Federal Block Grant funded services in SFY2022

- July 2022, an estimated **1,067,565 persons, ages 3-64 were uninsured**
- July 2022, an estimated **1,112,000 persons, ages 0-64 were uninsured**

Based on uninsured rates from the Model-based Small Area Health Insurance Estimates (SAHIE) for Counties and States 2020. Produced by the U.S. Census Bureau/Small Area Health Insurance (SAHIE) Program. Internet Release Date: 8/10/22, Downloaded 8/26/22.
(<https://www.census.gov/data/datasets/time-series/demo/sahie/estimates-acs.html>).

Applied to the July 2022 population estimates obtained from the NC OSBM website (<https://www.osbm.nc.gov/demog/county-projections>). Last updated 2/15/22. Downloaded 3/21/22.

- SFY2022 Persons that received at least one MH/IDD/SUD State or Federal Block Grant funded service: **239,486**

Data source: Extracted by DMH/DD/SUS QM from NCTracks claims data, based on claims paid as of 5/22/23. LME/MCOs served persons ages 3 and older.

Uninsured Persons

- July 2023, an estimated **1,059,667 persons, ages 3-64 were uninsured**
- July 2023, an estimated **1,079,565 persons, ages 0-64 were uninsured**

Based on uninsured rates from the Model-based Small Area Health Insurance Estimates (SAHIE) for Counties and States 2021. Produced by the U.S. Census Bureau/Small Area Health Insurance (SAHIE) Program. Internet Release Date: 8/1/23, Downloaded 8/22/23.

(<https://www.census.gov/data/datasets/time-series/demo/sahie/estimates-acs.html>).

Applied to the July 2023 population estimates obtained from the NC OSBM website (<https://www.osbm.nc.gov/demog/county-projections>). Last updated 3/30/23. Downloaded 5/5/23.

Uninsured by Race and Ethnicity

Statewide, the percent and number of persons, ages 0-64, who are uninsured is:

- **All Races = 12.5% (1,056,777).**
- **White (not Hispanic or Latino) = 9.4% (473,106).**
- **Black (not Hispanic or Latino) = 12.6% (223,049).**
- **American Indian and Alaska Native (not Hispanic or Latino) = 21.1% (14,754)**
- **Asian (not Hispanic or Latino) = 8.3% (24,873)**
- **Native Hawaiian and Other Pacific Islander (not Hispanic or Latino) = 15.1% (915)**
- **Two or More Races (not Hispanic or Latino) = 10.5% (30,503)**
- **Hispanic or Latino (any race) = 28.7% (289,577).**

Source: Uninsured rates from the Model-based Small Area Health Insurance Estimates (SAHIE) for Counties and States 2021. Produced by the U.S. Census Bureau/Small Area Health Insurance (SAHIE) Program. Internet Release Date: 8/1/23, Downloaded 8/22/23.

(<https://www.census.gov/data/datasets/time-series/demo/sahie/estimates-acs.html>).

Note: The numbers of uninsured persons were calculated by SAHIE based on US census data.

Persons with Private Health Insurance

- July 2023 an **estimated 7,221,496 persons in NC had private health insurance** (employer-based, direct purchase, or TRICARE).

Based on NC's percent of population covered by private health insurance (66.9%) reported in Health Insurance Historical Tables HIC-4_ACS, Health Insurance Coverage by Type of Coverage by State All Persons: 2008 to 2021, American Community Survey Briefs, Issued September 2022, published 9/15/22. Downloaded 9/29/22. Table: (<https://www.census.gov/library/publications/2020/demo/p60-271.html>) Report: (<https://www.census.gov/library/publications/2022/acs/acsbr-013.html>)

(<https://www.census.gov/content/dam/Census/library/publications/2022/acs/acsbr-013.pdf>)

Applied to the July 2023 population estimates obtained from the NC OSBM website (<https://www.osbm.nc.gov/demog/county-projections>), updated 3/30/23, downloaded 5/5/23.

During FY23, 76,255 unique individuals received DMH/DD/SAS paid Behavioral Health or IDD (BH/IDD) services for a total of \$265,005,265.

Developmental Disabilities

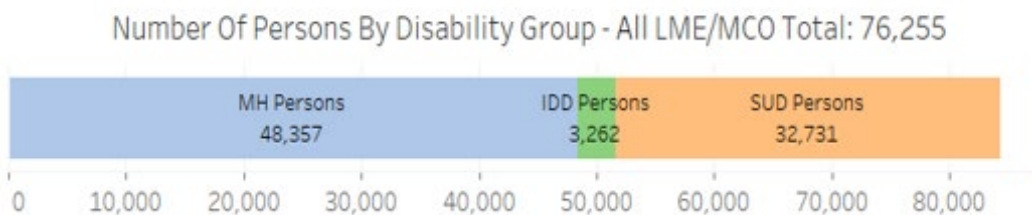
- 4% of people served & spends 18% of DMH dollars.
- The most commonly used services are Community Based Supports, Facility Based Day Supports & Residential Services.

Mental Health

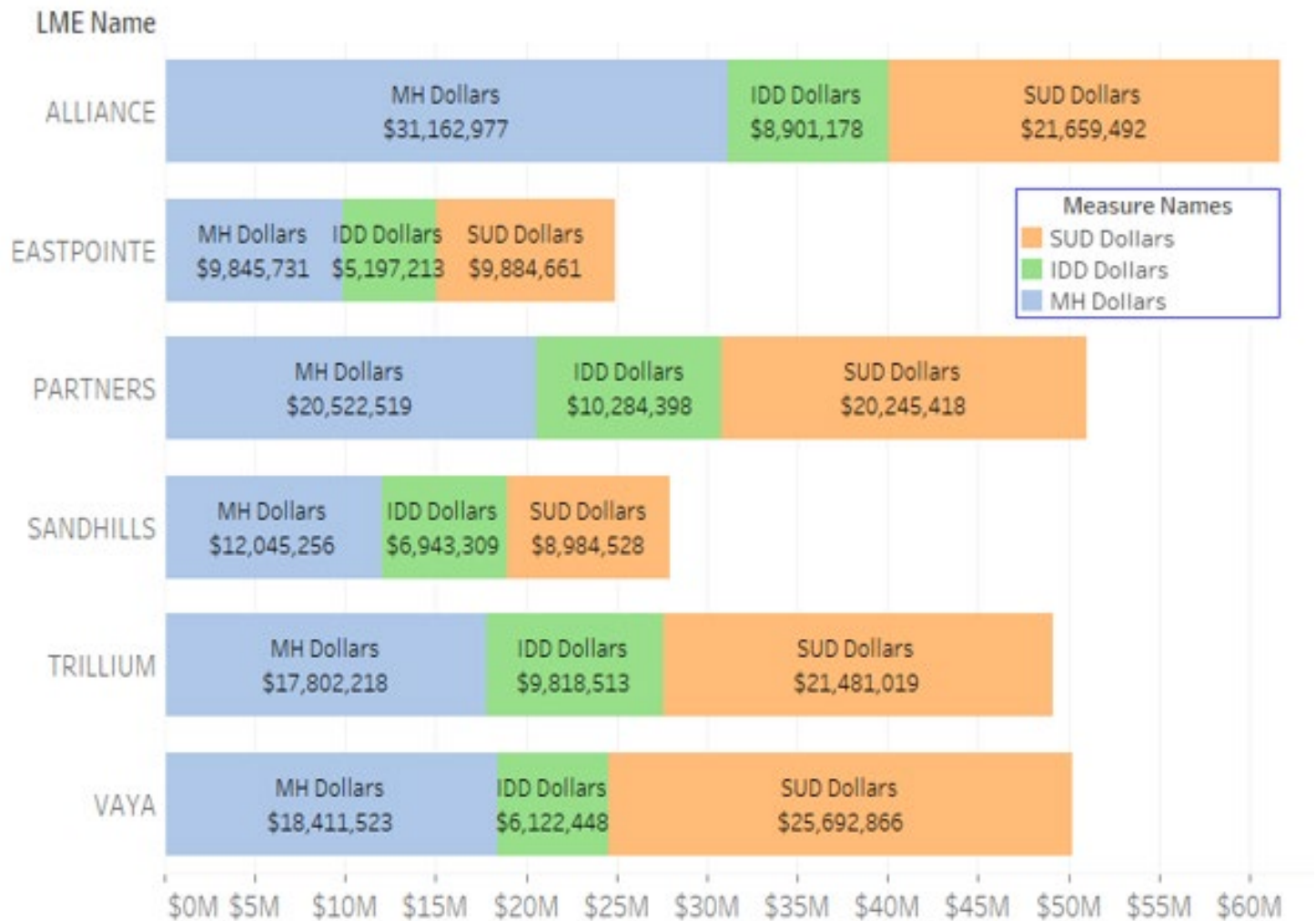
- 63% of people served & spends 41% of DMH dollars.
- The most commonly used services are Outpatient & Enhanced Services.

Substance Use

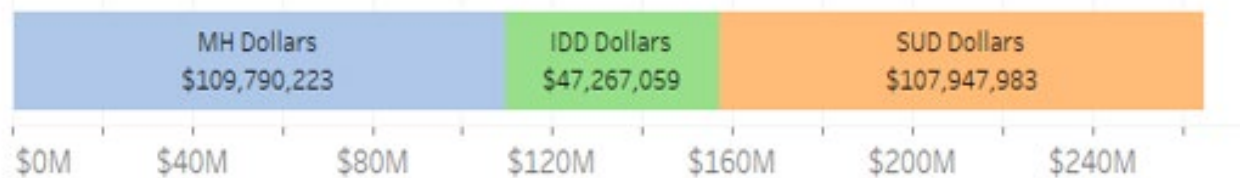
- 43% of people served & spends 41% of DMH dollars.
- The most commonly used services are Outpatient & Enhanced Services.



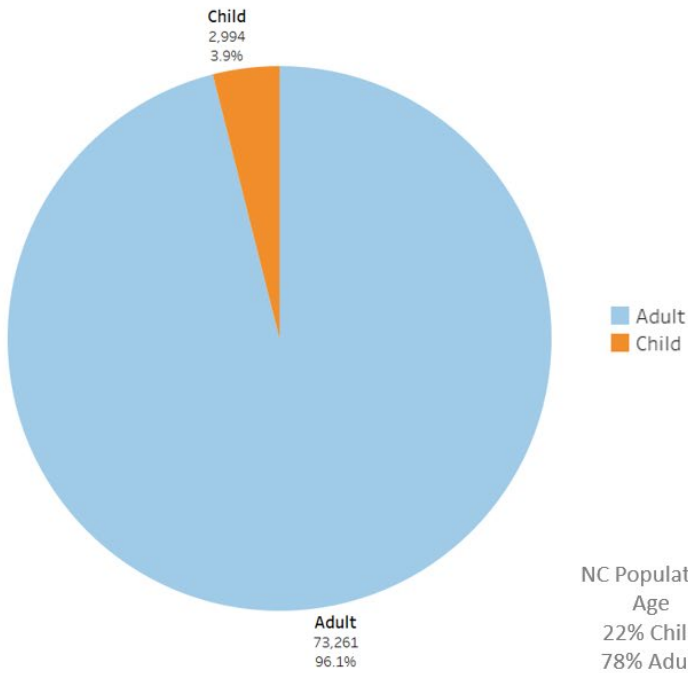
Expenditures By Disability Group - All LME/MCO Total: \$265,005,265



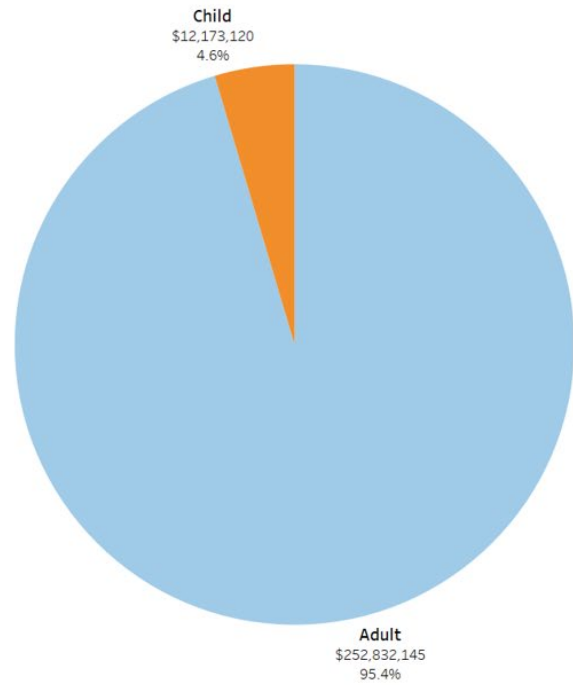
Expenditures By Disability Group - All LME/MCO Total: \$265,005,265



Number of Persons By Age Group - All LME/MCO Total: 76,255

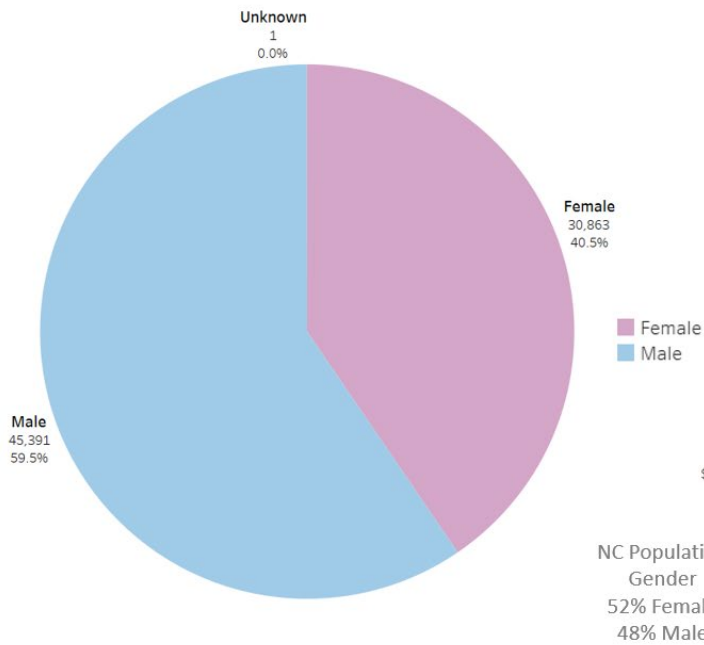


Expenditures By Age Group - All LME/MCO Total: \$265,005,265

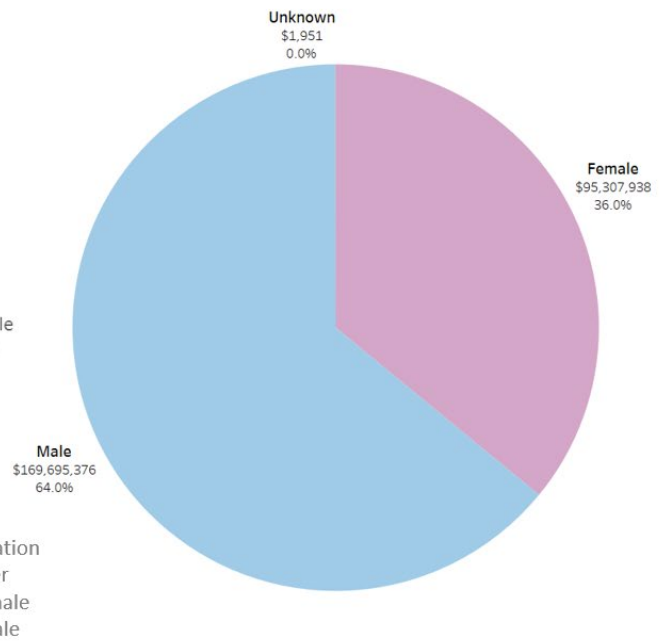


NC Population
Age
22% Child
78% Adult

Number of Persons By Gender - All LME/MCO Total: 76,255



Expenditures By Gender - All LME/MCO Total: \$265,005,265



NC Population
Gender
52% Female
48% Male

Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS QM Team 3/13/24.

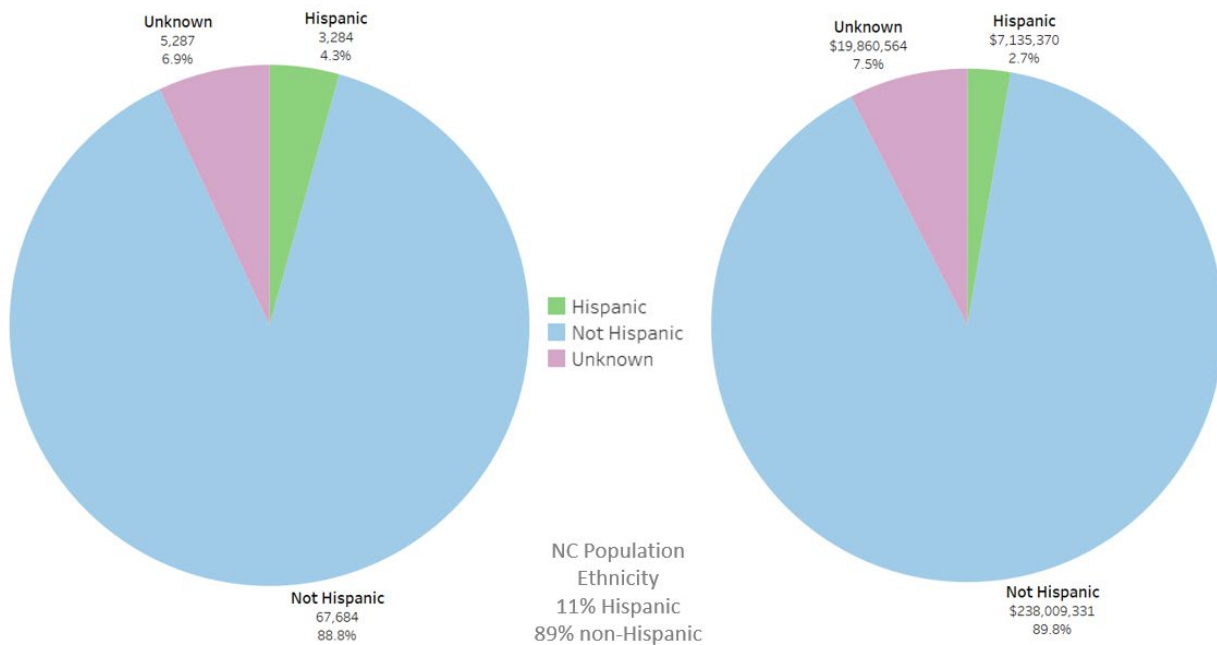
Number of Persons By Race - All LME/MCO Total: 76,255

Expenditures By Race - All LME/MCO Total: \$265,005,265



Number of Persons By Ethnicity - All LME/MCO Total: 76,255

Expenditures By Ethnicity - All LME/MCO Total: \$265,005,265



Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS QM Team 3/13/24.

Mental Health

Adults in NC with SMI

- July 2023, **5.4% of adults (1 in 18.5 adults) in NC have SMI = 460,659 persons ages 18+**
Based on July 2023 population (NC OSBM) (<https://www.osbm.nc.gov/demog/county-projections>), Updated 3/30/23, Downloaded 5/5/23, and prevalence rates prepared for the Center for Mental Health Services (CMHS) by the National Association of State Mental Health Program Directors Research Institute (NRI) State Data Infrastructure Coordinating Center (SDICC), published September 2022, using 2021 data, for the Mental Health Block Grant.
- **5.5% of adults in the US (ages 18+) (1 in 18 adults) , 8.6% of adults with Medicaid/CHIP (1 in 12 adults), and 6.6% of adults with no health insurance (1 in 15 adults)** are estimated to have a serious mental illness in the past year. Source: National Survey on Drug Use and Health (NSDUH), table 6.6B, Serious Mental Illness in Past Year: Among People Aged 18 or Older; by Age Group and Geographic and Socioeconomic Characteristics, Percentages, 2021, published Jan 4, 2023. (<https://www.samhsa.gov/data/report/2021-nsduh-detailed-tables>)
This would suggest that the Medicaid and uninsured populations we serve in NC would have a higher rate of SMI than the general population.

Adults with Any MI

- July 2023, **22.5% of adults (1 in 4 adults) in NC have Any MI = 1,921,973 persons ages 18+**
- Based on July 2023 population (NC OSBM) (<https://www.osbm.nc.gov/demog/county-projections>), Updated 3/30/23, Downloaded 5/5/23, and prevalence rates from the National Surveys on Drug Use and Health, 2021: Model-Based Prevalence Estimates (50 States and the District of Columbia), published 3/8/23, Downloaded 5/4/23. Table 29, Any Mental Illness in the Past Year, by Age Group and State: Percentages, 2021, published 3/8/23. Downloaded 5/4/23. (<https://www.samhsa.gov/data/report/2021-nsduh-state-prevalence-estimates>)

Children in NC with SED

- July 2023, **12% of children and adolescents (1 in 8) in NC have SED = 228,104 persons ages 3-17**
Based on July 2023 population (NC OSBM) (<https://www.osbm.nc.gov/demog/county-projections>), Updated 3/30/23, Downloaded 5/5/23, and prevalence rates for children and adolescents ages 9-17 for the LOF = 60 range (SED with substantial functional impairment) prepared for CMHS by NRI SDICC, September 2022, using 2021 data, for the MHBG. DMH/DD/SAS applies this rate to children under 9 to estimate the number of children ages 3-17 with SED.

Children in NC with Any MI

- July 2023, **13% - 20% of children and adolescents (1 in 5) in NC have Any MI = 380,173 persons ages 3-17**
Based on July 2023 population (NC OSBM) (<https://www.osbm.nc.gov/demog/county-projections>), Updated 3/30/23, Downloaded 5/5/23, and prevalence rates published by the Centers For Disease Control and Prevention (CDC), May 2013, for children and adolescents ages 3-17 living in the United States (based on the National Research Council and Institute of Medicine report - Preventing mental, emotional, and behavioral disorders among young people: progress and possibilities, 2009, which compiles rates from multiple studies) (<https://www.cdc.gov/childrensmentalhealth/features/kf-childrens->

[mental-health-report.html](#)). The CDC website (last updated Apr 27, 2023) still cites this source and prevalence rate. (<https://www.cdc.gov/childrensmentalhealth/basics.html>)

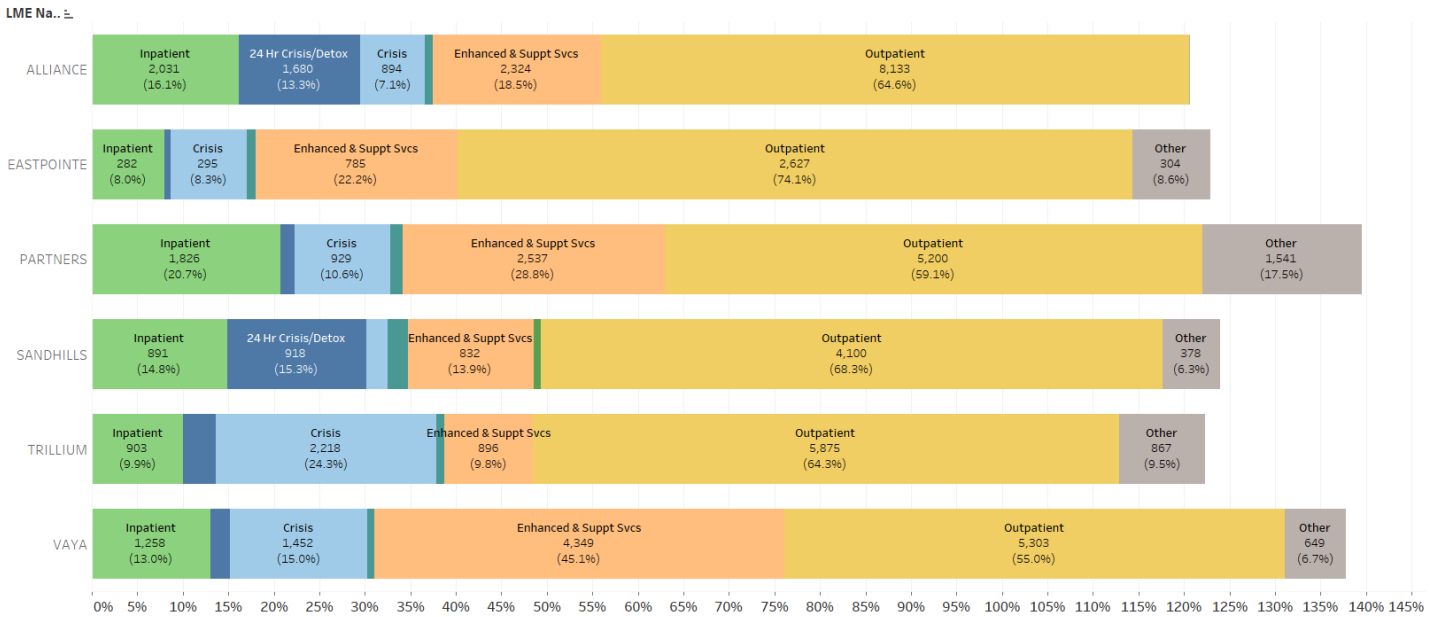
The ratio and number of children and adolescents above represent the upper limit of this range.

Suicide

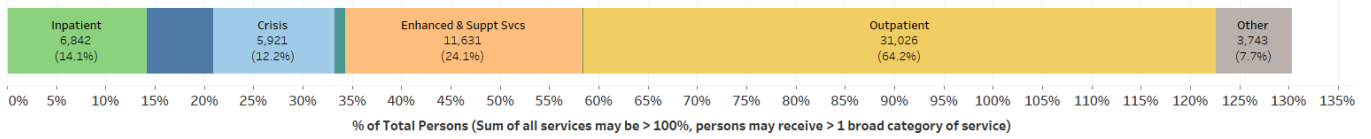
- In 2021, **North Carolina deaths by suicide = 1,446. (13.7 per 100,000 population)**
Data Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 2018-2021, Deaths Occurring through 2021, on CDC WONDER Online Database, released in 2021. Data are from the Multiple Cause of Death Files, 2018-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. (<http://wonder.cdc.gov/ucd-icd10-expanded.html>). Accessed on 8/29/23.
- In 2020, **North Carolina Veterans deaths by suicide = 199.** This equates to **28.5 deaths per 100,000 population.** This was lower than the National Veteran Suicide Rate of 31.7 but is significantly higher than the NC Suicide Rate of 16.7 and National Suicide Rate of 17.3 deaths per 100,000 population.
Data Source: NC Veteran Suicide Data Sheet, 2020 published by the US Dept. of Veterans Affairs, Sep 2022. (https://www.mentalhealth.va.gov/suicide_prevention/data.asp.) Downloaded 8/29/23.

DMH/DD/SAS Funded People Served with Mental Health & Co-occurring Diagnosis : FY2023

Persons By Broad Category - All LME/MCO Total: 48,357

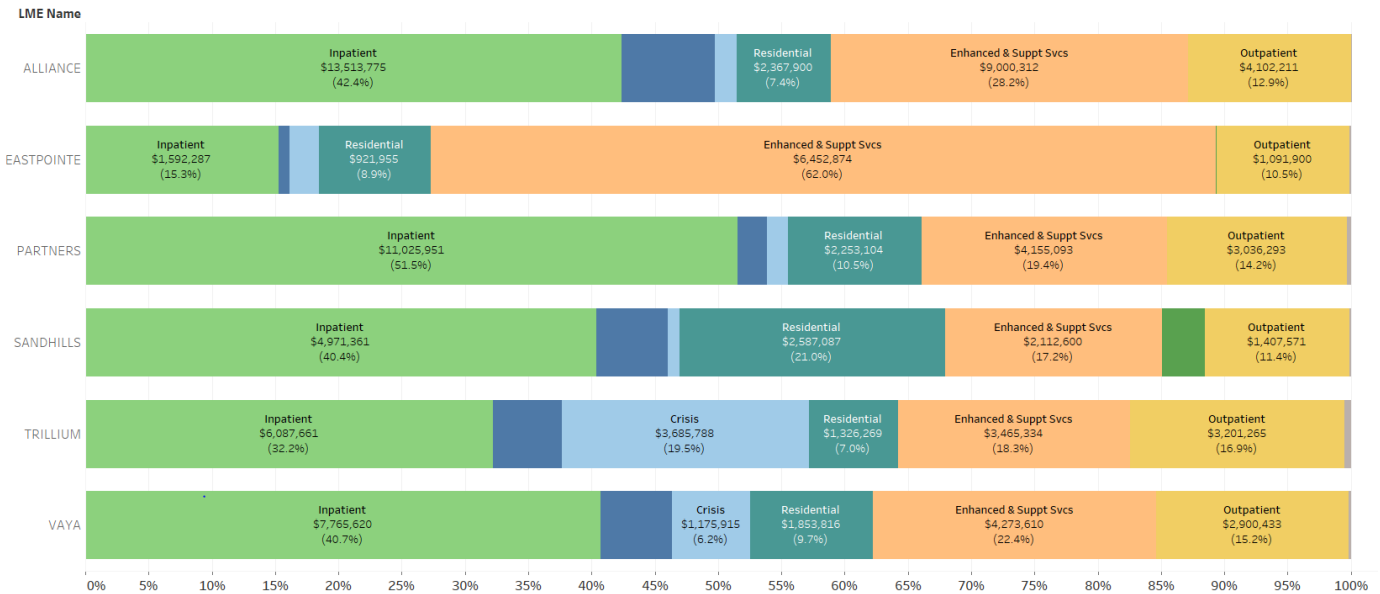


Persons By Broad Category - All LME/MCO Total: 48,357

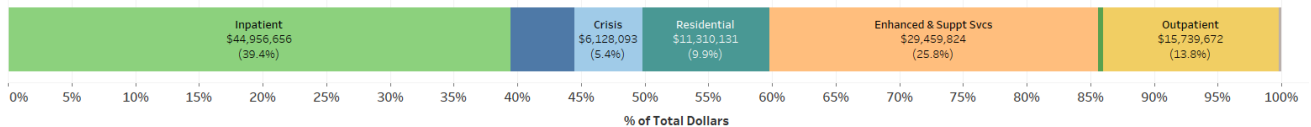


DMH/DD/SAS Spending on People Served with Mental Health & Co-occurring Diagnosis : FY2023

Expenditures By Broad Category - All LME/MCO Total: \$10,403,202 to \$31,888,839



Expenditures By Broad Category - All LME/MCO Total: \$113,978,964



Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS OM Team 3/13/24.

DMH/DD/SAS & DHB Mental Health Services By LME-MCOs: FY2022

FY22 unduplicated count of MH service recipients = 184,515

Note this is a decrease from the prior year, some reduction can be attributed to the implementation of Standard Plan. FY23 data is delayed due to the change in the Medicaid encounters system.

Mental Health Service Recipients – Unduplicated Count by Payor SFY 2022

Medicaid	131,946
DMH/DD/SAS	56,524

This count is greater than the overall unduplicated count due to the fact individuals may have been served by both Medicaid and DMH funded services. From here onwards, total number of service recipients will match the overall unduplicated count.

Demographic Categories

	MH	Across Disabilities
Age Group		
Under 18	43,838	49,312
18 and Over	140,677	190,711
Total	184,515	240,023
Gender		
Female	97,598	118,244
Male	86,916	121,777
Unknown	1	2
Total	184,515	240,023
Race		
African American	61,836	76,854
Caucasian	112,764	149,898
Asian	1,049	1,414
Indian/Native American	3,141	4,195
Pacific Islander	269	340
Unknown	5,456	7,322
Total	184,515	240,023
Ethnicity		
Hispanic	6,659	8,155
Non-Hispanic	158,969	207,258
Unknown	18,887	24,610
Total	184,515	240,023

Substance Use Disorder

Adults and Youth with SUD in NC

- July 2023, **7.70% of youth ages 12-17 (1 in 13 youth ages 12-17) = 62,091 persons ages 12-17 in NC are estimated to have a substance use disorder.**
- July 2023, **24.33% of adults ages 18-25 (1 in 4 adults ages 18-25) = 291,726 adults ages 18-25 in NC are estimated to have a substance use disorder.**
- July 2023, **15.16% of adults ages 26+ (1 in 7 adults ages 26+) = 1,111,484 adults ages 26+ in NC are estimated to have a substance use disorder.**
- July 2023, **15.56% of adults and youth ages 12+ (1 in 6 persons ages 12+) = 1,465,301 persons ages 12+ in NC are estimated to have a substance use disorder.**
- July 2023, **16.36% of adults ages 18+ (1 in 6 adults ages 18+) = 1,403,210 adults ages 18+ in NC are estimated to have a substance use disorder.**

Data Source: SAMHSA, Office of Applied Studies, National Surveys on Drug Use and Health, 2021, published 3/8/23, Downloaded 5/4/23. Table 25, Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, 2021. Prevalence rate in NC for adolescents (ages 12-17) is 7.70%. Prevalence for adults (ages 18-25) is 24.33% and for adults (ages 26+) is 15.16%. Total (age 12+) = 15.56%, Total (age 18+) = 16.36%. Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol use disorder in the 5th edition of DSM-V.

(<https://www.samhsa.gov/data/report/2021-nsduh-state-prevalence-estimates>) applied to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23.

(<https://www.osbm.nc.gov/demog/county-projections>).

Adults and Youth Misusing Opioids in NC

- July 2023, **2.84% of youth ages 12-17 (1 in 35 youth ages 12-17) = 22,901 persons ages 12-17 in NC are estimated to misuse opioids.**
- July 2023, **2.99% of adults ages 18-25 (1 in 33 adults ages 18-25) = 35,851 adults ages 18-25 in NC are estimated to misuse opioids.**
- July 2023, **3.99% of adults ages 26+ (1 in 25 adults ages 26+) = 292,534 adults ages 26+ in NC are estimated to misuse opioids.**
- July 2023, **3.76% of adults and youth ages 12+ (1 in 27 persons ages 12+) = 351,287 persons ages 12+ in NC are estimated to misuse opioids.**
- July 2023, **3.86% of adults ages 18+ (1 in 26 adults ages 18+) = 328,386 adults ages 18+ in NC are estimated to misuse opioids.**

NC Opioid Misuse Prevalence Rates Source: SAMHSA, Office of Applied Studies, 2021 National Surveys on Drug Use and Health: Model-Based Prevalence Estimates (50 States and the District of Columbia), published 3/8/23, Downloaded 5/4/23. Table 13, Opioid Misuse in the Past Year, by Age Group and State: Percentages, 2021. Prevalence rate in NC for adolescents (ages 12-17) is 2.84%. Prevalence for adults (ages 18-25) is 2.99% and for adults (ages 26+) is 3.99%. Total (age 12+) = 3.76%, Total (age 18+) = 3.86%.

Misusing Opioids is defined as using heroin or misusing prescription pain relievers in the past year. (<https://www.samhsa.gov/data/report/2021-nsduh-state-prevalence-estimates>).

applied to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23 (<https://www.osbm.nc.gov/demog/county-projections>).

Adults and Youth with Opioid Use Disorder in NC

- July 2023, **1.03% of youth ages 12-17 (1 in 97 youth ages 12-17) = 8,306 persons ages 12-17 in NC are estimated to have an opioid use disorder.**
- July 2023, **1.40% of adults ages 18-25 (1 in 71 adults ages 18-25) = 16,787 adults ages 18-25 in NC are estimated to have an opioid use disorder.**
- July 2023, **2.81% of adults ages 26+ (1 in 36 adults ages 26+) = 206,020 adults ages 26+ in NC are estimated to have an opioid use disorder.**
- July 2023, **2.48% of adults and youth ages 12+ (1 in 40 persons ages 12+) = 231,113 persons ages 12+ in NC are estimated to have an opioid use disorder.**
- July 2023, **2.63% of adults ages 18+ (1 in 38 adults ages 18+) = 222,807 adults ages 18+ in NC are estimated to have an opioid use disorder.**

NC Opioid Use Disorder Prevalence Rates Source: SAMHSA, Office of Applied Studies, 2021 National Survey on Drug Use and Health: Model-Based Prevalence Estimates (50 States and the District of Columbia), published 3/8/23, Downloaded 5/4/23. Table 23 Opioid Use Disorder in the Past Year: Among People Aged 12 or Older; by Age Group and State, Percentages, 2021. Prevalence rate in NC for adolescents (ages 12-17) is 1.03%. Prevalence for adults (ages 18-25) is 1.40% and for adults (ages 26+) is 2.81%. Total (age 12+) = 2.48%, Total (age 18+) = 2.63%. Opioid Use Disorder (OUD) estimates are based on Diagnostic and Statistical Manual of Mental Disorders, 5th edition (DSM-5) criteria. OUD is defined as meeting the criteria for heroin or pain reliever use disorder. (<https://www.samhsa.gov/data/report/2021-nsduh-state-prevalence-estimates>) applied to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23 (<https://www.osbm.nc.gov/demog/county-projections>).

Adults and Youth with Alcohol Use Disorder in NC

- July 2023, **3.32% of youth ages 12-17 (1 in 30 youth ages 12-17) = 26,772 persons ages 12-17 in NC are estimated to have an alcohol use disorder.**
- July 2023, **15.77% of adults ages 18-25 (1 in 6 adults ages 18-25) = 189,088 adults ages 18-25 in NC are estimated to have an alcohol use disorder.**
- July 2023, **9.95% of adults ages 26+ (1 in 10 adults ages 26+) = 729,503 adults ages 26+ in NC are estimated to have an alcohol use disorder.**
- July 2023, **10.03% of adults and youth ages 12+ (1 in 10 persons ages 12+) = 945,363 persons ages 12+ in NC are estimated to have an alcohol use disorder.**
- July 2023, **10.72% of adults ages 18+ (1 in 9 adults ages 18+) = 918,591 adults ages 18+ in NC are estimated to have an alcohol use disorder.**

Data Source: SAMHSA, Office of Applied Studies, 2021 NSDUH: Model-Based Prevalence Estimates (50 States and the District of Columbia), Table 24 Alcohol Use Disorder in the Past Year: Among People Aged 12 or Older; by Age Group and State: Percentages, 2021, published 3/8/23, downloaded 5/4/23. Prevalence rate in NC for adolescents (ages 12-17) is 3.32%. Prevalence for adults (ages 18-25) is 15.77% and for adults (ages 26+) is 9.95%. Total (age 12+) = 10.03%, Total (age 18+) = 10.72%. Alcohol Use Disorder (AUD) data in 2021 are based on criteria from the Diagnostic and Statistical Manual of Mental Disorders, 5th edition (DSM-5). (<https://www.samhsa.gov/data/report/2021-nsduh-state-prevalence-estimates>) applied to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23. (<https://www.osbm.nc.gov/demog/county-projections>).

Persons in Prisons in the US with Substance Use Disorders

- **Nationally, more than 80% of people in jail or prison report having used illicit substances in their lifetimes.**

Data Source: Illicit substance use after release from prison among formerly incarcerated primary care patients: a cross-sectional study. Adam Chamberlain, Sylviah Nyamu, Jenerius Aminawung, Emily A. Wang, Shira Shavit and Aaron D. Fox Addiction Science & Clinical Practice, 2019 14:7. Published 2/19/19. Downloaded 6/18/20.

(<https://ascjournal.biomedcentral.com/articles/10.1186/s13722-019-0136-6>)

- **85% of the United States prison population has an active substance use disorder or were incarcerated for a crime involving drugs or alcohol or drug use.**

An estimated 65% percent of the US prison population has an active SUD. Another 20% percent did not meet the official criteria for a SUD but were under the influence of drugs or alcohol at the time of their crime*.

* The full text of the study described the 20% that did not meet criteria for an SUD diagnosis as having "had histories of substance abuse, were under the influence of alcohol or other drugs at the time of their crime, committed their offense to get money to buy drugs, were incarcerated for an alcohol or drug law violation, or shared some combination of these characteristics."

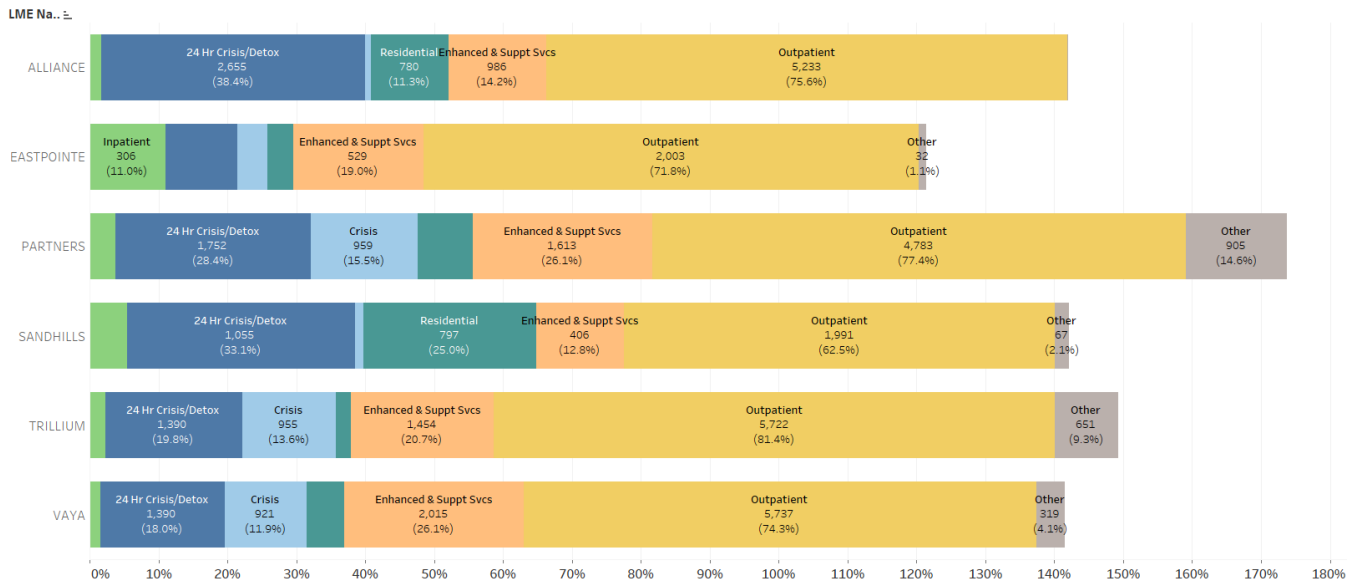
Data Source: The National Institute on Drug Abuse; National Institutes of Health; U.S. Department of Health and Human Services, NIDA. 2020, June 6. Criminal Justice DrugFacts, (<https://www.drugabuse.gov/publications/drugfacts/criminal-justice>). Retrieved 6/19/20.

Data Source (full text): Center on Addiction, Behind Bars II: Substance Abuse and America's Prison Population, February 2010.

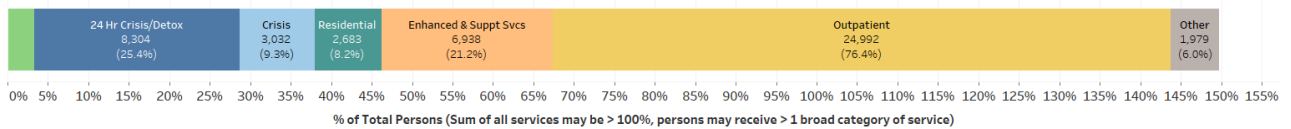
(<https://www.centeronaddiction.org/addiction-research/reports/behind-bars-ii-substance-abuse-and-america-s-prison-population>). Retrieved 6/19/20.

DMH/DD/SAS Funded People Served with SUD & Co-occurring Diagnosis : FY2023

Persons By Broad Category - All LME/MCO Total: 32,731



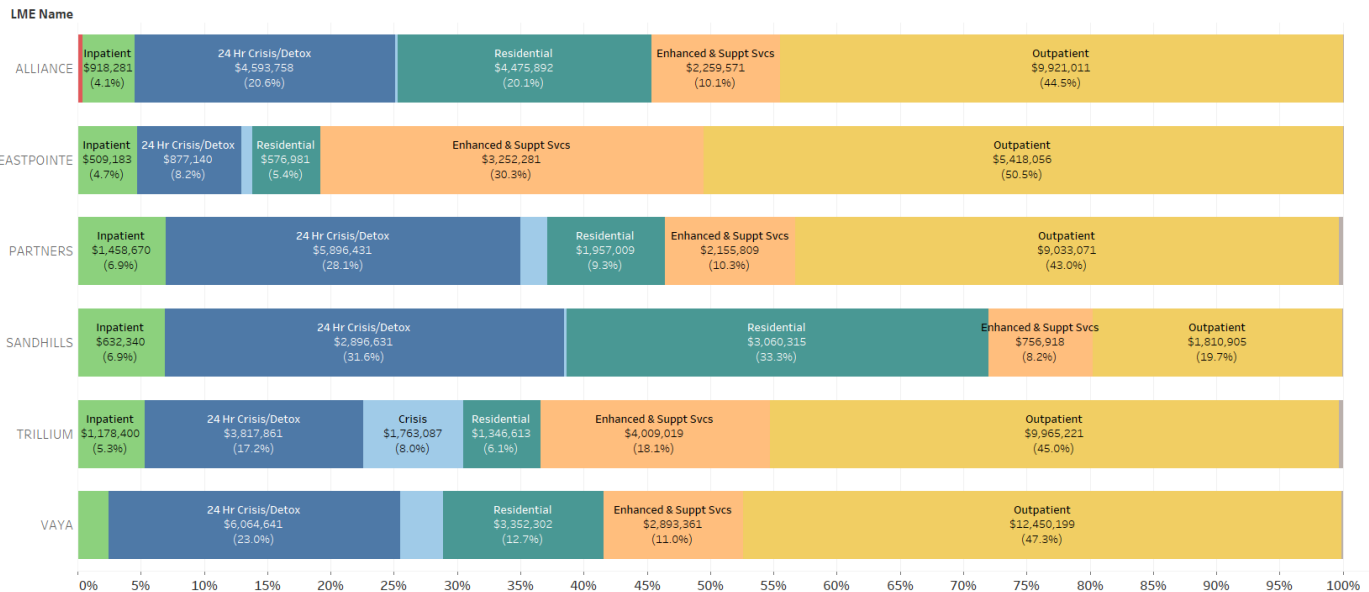
Persons By Broad Category - All LME/MCO Total: 32,731



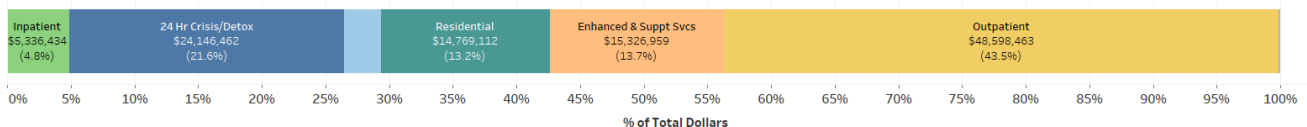
Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS QM Team 3/13/24.

DMH/DD/SAS Spending on People Served with SUD & Co-occurring Diagnosis : FY2023

Expenditures By Broad Category - All LME/MCO Total: \$9,179,848 to \$26,317,164



Expenditures By Broad Category - All LME/MCO Total: \$111,681,828



Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS QM Team 3/13/24.

FY22 unduplicated count of SUD service recipients = 84,242

Note this is a decrease from the prior year, some reduction can be attributed to the implementation of Standard Plan. FY23 data is delayed due to the change in the Medicaid encounters system.

SUD Service Recipients – Unduplicated Count by Payor SFY 2022

Medicaid	41,803
DMH/DD/SAS	44,440

This count is greater than the overall unduplicated count because individuals may have been served by both Medicaid and DMH funded services. From here onwards, total number of service recipients will match the overall unduplicated count.

Demographic Categories

	SUD	Across Disabilities
Age Group		
Under 18	81,904	49,312
18 and Over	2,338	190,711
Total	84,242	240,023
Gender		
Female	37,480	118,244
Male	46,761	121,777
Unknown	1	2
Total	84,242	240,023
Race		
African American	24,186	76,854
Caucasian	56,043	149,898
Asian	253	1,414
Indian/Native American	2,056	4,195
Pacific Islander	109	340
Unknown	1,595	7,322
Total	84,242	240,023
Ethnicity		
Hispanic	1,518	8,155
Non-Hispanic	77,109	207,258
Unknown	5,615	24,610
Total	84,242	240,023

Intellectual/Developmental Disabilities

It is challenging to find good prevalence data for people with intellectual/developmental disabilities (I/DD) at the national level that use consistent definitions and are updated on a regular basis. State-level prevalence data does not exist. The following sources provide the best information available.

Children and Adolescents in NC with I/DD

- **Autism spectrum disorder = 3.05% (1 in 33)** of children and adolescents (ages 3-17) in the US. Based on NC OSBM July 2023 population projections, **57,976** persons ages 3-17 in NC are estimated to have an autism spectrum disorder.
- **Intellectual disability = 1.65% (1 in 61)** of children and adolescents (ages 3-17) in the US. Based on NC OSBM July 2023 population projections, **31,364** persons ages 3-17 in NC are estimated to have an intellectual disability.
- **Other developmental delay = 6.06% (1 in 17)** of children and adolescents (ages 3-17) in the US. Based on NC OSBM July 2023 population projections, **115,193** persons ages 3-17 in NC are estimated to have another developmental delay.
- **Intellectual or Developmental Disability (having one or more of these conditions) = 8.56% (1 in 12)** of children and adolescents (ages 3-17) in the US. Based on NC OSBM July 2023 population projections, **162,714** persons ages 3-17 in NC are estimated to have an intellectual or developmental disability.

Data Source: Zablotsky, B., Black, Ng, A.E., & Blumberg, S.J. (July 2023). Diagnosed Developmental Disabilities in Children Aged 3-17 in the United States 2019-2021. National Center for Health Statistics Data Brief, No. 473. Hyattsville, MD: National Center for Health Statistics 2023. DOI: <https://www.cdc.gov/nchs/data/databriefs/db473.pdf>.

Prevalence estimates among children ages 3-17 in the US, from the 2019-2021 National Health Interview Survey (NHIS), for autism spectrum disorder = 3.05%, intellectual disability = 1.65%, other developmental delay = 6.06%, and any developmental disability (having one or more of these conditions) = 8.56%. Prevalence rates are the 2021 rates published in the study.

State-specific prevalence data is not available for NC. The number of persons in NC were calculated by applying the US prevalence rate to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23 (<https://www.osbm.nc.gov/demog/county-projections>).

Adults in NC with I/DD

- July 2023, **67,393 (0.79%) adults** (ages 18+) in NC are estimated to have an I/DD.

State-specific prevalence data is not available for NC. The number of persons in NC were calculated by applying the US prevalence rate to NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23 (<https://www.osbm.nc.gov/demog/county-projections>).

Data Source: Larson, S., Lakin, C., Anderson, L., Kwak, N., Lee, J.H., & Anderson, D. (2000). Prevalence of MR and/or DD: Analysis of the 1994/1995 NHIS-D. MR/DD Data Brief, April 2000, Vol 2, No. 1. Minneapolis: University of Minnesota, Research and Training Center on Community Living, Institute on Community Integration. The NHIS-D is the National Health Interview Survey (NHIS) Disability Supplement used to estimate the prevalence of people with MR/DD in the US Non-Institutional Population. Estimated prevalence of MR and/or DD in the US is 3.84% for children ages birth to 5 years; 3.17% for children ages 6 to 17 years; 0.79% for adults (ages 18 years or older).

According to a September 2019 report by Bonardi A., Krahn G., Morris A., & the National Workgroup on State and Local Health Data (2019), Enriching our Knowledge: State and Local Data to Inform Health Surveillance of the Population with Intellectual and Developmental Disabilities, published on behalf of the Administration on Intellectual and Developmental Disabilities (AIDD), within the Administration on Community Living (ACL) of the U.S. DHHS, "The current best estimates of national prevalence and information on health status of people with IDD are based on data gathered by the National Health Interview Survey-Disability Supplement (NHIS-DS, 1994-95)—data that are almost 25 years old (National Center for Health Statistics, 2015)."

Adults and Children in NC with I/DD

- July 2023, **230,107 (2.21%) children and adults** (ages 3+) in NC are estimated to have an I/DD.

The number of persons in NC were calculated by adding the number of children and adults estimated to have an I/DD referenced above. The percentage was calculated by dividing the number of persons (ages 3+) estimated to have an I/DD by the number of persons (ages 3+) in the population based on NC OSBM July 2023 population projections updated 3/30/23 and downloaded 5/5/23 (<https://www.osbm.nc.gov/demog/county-projections>).

- Overall, **1.49%** of the total US **non-institutional population** are estimated to have MR and/or DD, and if **institutionalized** persons are included, **1.58%** of the US population are estimated to have MR and/or DD.

Data Source: Larson, S., Lakin, C., Anderson, L., Kwak, N., Lee, J.H., & Anderson, D. (2000). Prevalence of MR and/or DD: Analysis of the 1994/1995 NHIS-D. MR/DD Data Brief, April 2000, Vol 2, No. 1. Minneapolis: University of Minnesota, Research and Training Center on Community Living, Institute on Community Integration. The NHIS-D is the National Health Interview Survey (NHIS) Disability Supplement used to estimate the prevalence of people with MR/DD in the US Non-Institutional Population.

- Including people with IDD of all ages in congregate settings of four or more people, nursing homes, or psychiatric facilities on June 30, 2016, the **estimate of total people with IDD in the US in 2016 = 22.8 per 1,000 or 2.28% of the population.**

Data Source: In-Home & Residential Supports for Persons with Intellectual or Developmental Disabilities: Status and Trends Through 2016 Residential Information Systems Project Report (RISP), Published June 2018 by the University of Minnesota, Sheryl Larson, Principal Investigator Heidi Eschenbacher, Lynda Anderson, Sandy Pettingell, Amy Hewitt; National Association of State Directors of Developmental Disabilities Services Mary Sowers, Mary Lou Bourne, Subcontract Principal Investigator; and Human Services Research Institute Brittany Taylor, John Agosta, Subcontract Principal Investigator. National Residential Information Systems Project (RISP) University of Minnesota: College of Education and Human Development Institute on Community Integration/UCEDD: Research and Training Center on Community Living 210 Pattee Hall, 150 Pillsbury Drive SE, Minneapolis, MN 55455. The report (p32) references the most current available prevalence rates for children and adults in the US civilian non-institutionalized population.

Number of Innovations Waiver Slots

- **Years 1 and 2 = 13,138**
- **Year 3 = 13,538**
- **Years 4 and 5 = 14,386**

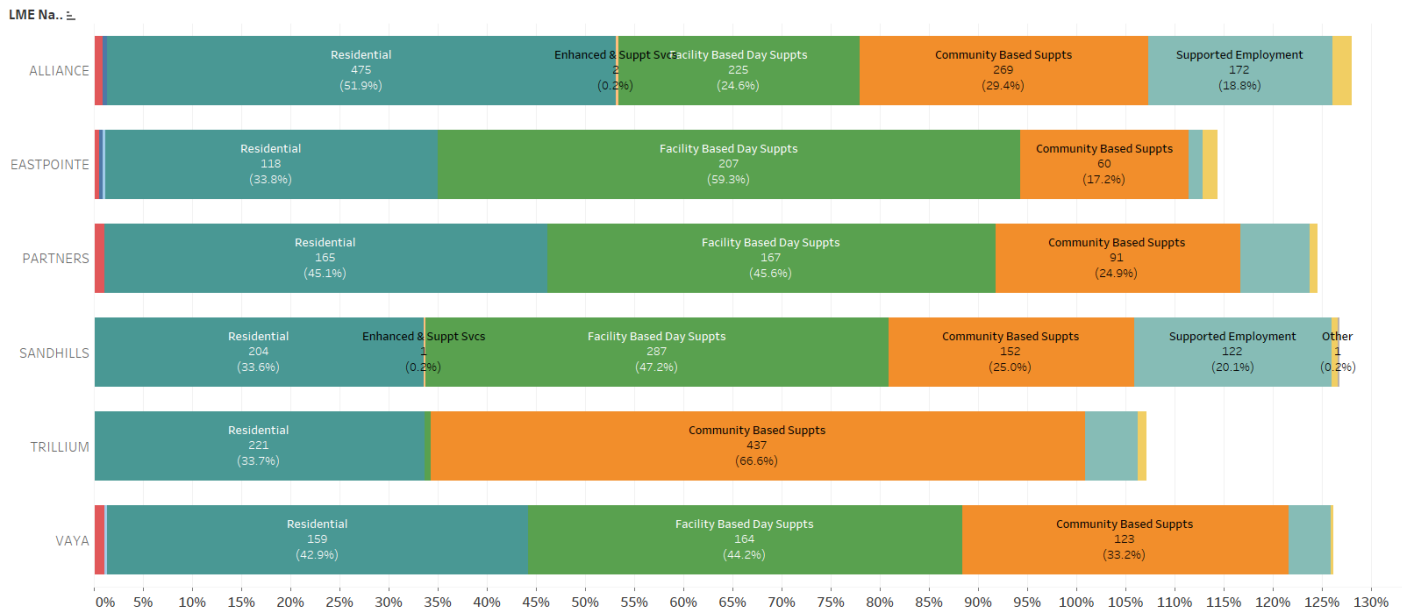
Source: page 29 of Apr 1, 2023 NC Innovations Request for an Amendment to a §1915(c) Home and Community-Based Services Waiver posted on the NC Medicaid website (<https://medicaid.ncdhhs.gov/providers/programs-and-services/behavioral-health-idd/nc-innovations-waiver>). This is the maximum number of unduplicated participants served each year that the waiver is in effect.

Medicaid Innovations Waitlist dashboard:

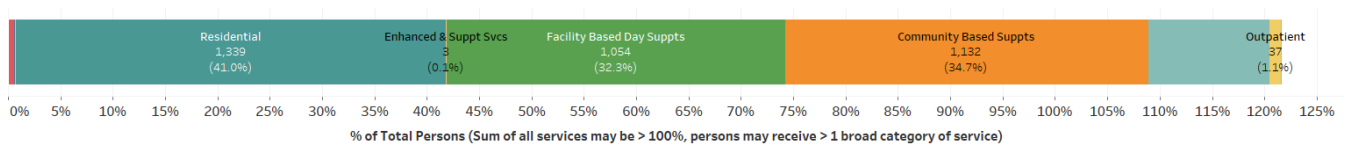
<https://medicaid.ncdhhs.gov/reports/dashboards/innovations-waitlist-dashboard>

DMH/DD/SAS Funded People Served with Intellectual/Developmental Disability & Co-occurring Diagnosis : FY2023

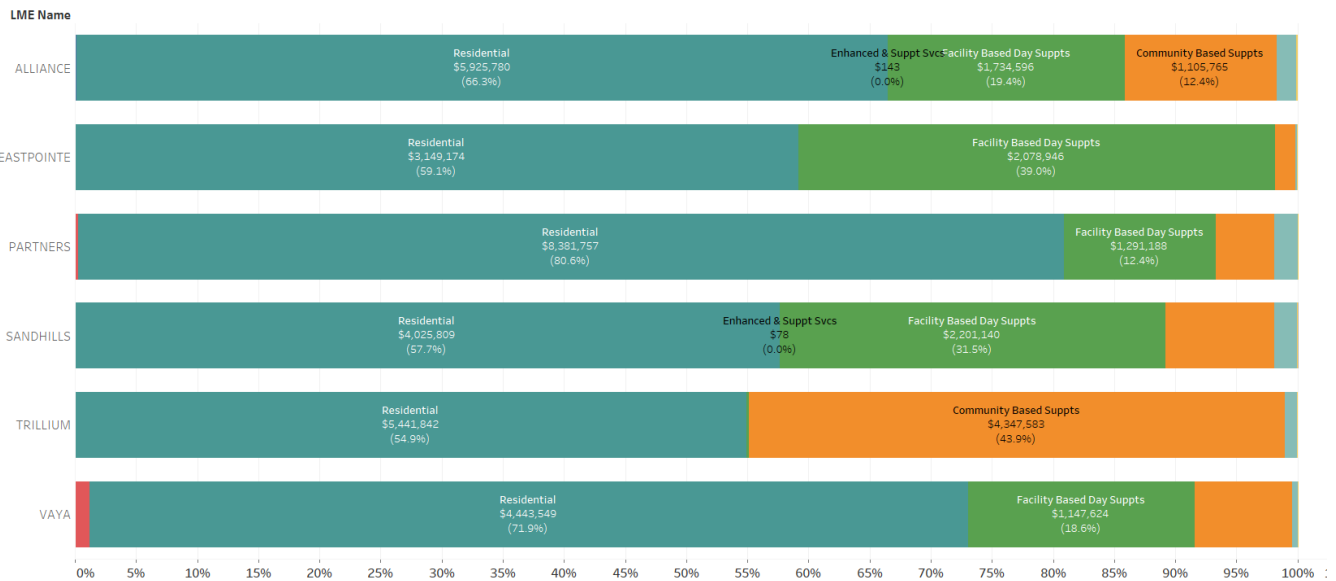
Persons By Broad Category - All LME/MCO Total: 3,262



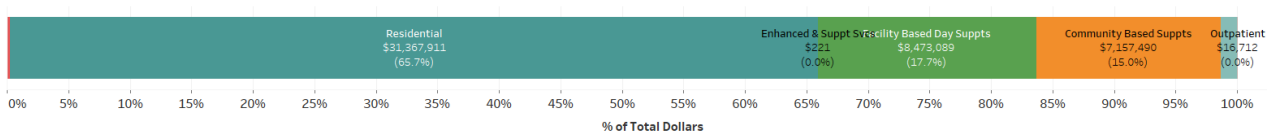
Persons By Broad Category - All LME/MCO Total: 3,262



Expenditures By Broad Category - All LME/MCO Total: \$5,332,589 to \$10,399,377



Expenditures By Broad Category - All LME/MCO Total: \$47,742,835



Source: State and Federal Block Grant funded MH, IDD, and SUD services provided to persons in NC in SFY2021 - SFY2023 based on service encounters for claims paid by the LME/MCOs submitted to NCTracks as of 1/4/24. Prepared by NCDHHS DMH/DD/SUS QM Team 3/13/24.

FY22 unduplicated count of IDD service recipients = 40,812

FY23 data is delayed due to the change in the Medicaid encounters system.

SUD Service Recipients – Unduplicated Count by Payor SFY 2022

Medicaid	38,280
DMH/DD/SAS	4,146

This count is greater than the overall unduplicated count because individuals may have been served by both Medicaid and DMH funded services. From here onwards, total number of service recipients will match the overall unduplicated count.

Demographic Categories

	IDD	Across Disabilities
Age Group		
Under 18	13,926	49,312
18 and Over	26,886	190,711
Total	40,812	240,023
Gender		
Female	13,900	118,244
Male	26,912	121,777
Unknown	0	2
Total	40,812	240,023
Race		
African American	13,205	76,854
Caucasian	24,567	149,898
Asian	452	1,414
Indian/Native American	382	4,195
Pacific Islander	50	340
Unknown	2,156	7,322
Total	40,812	240,023
Ethnicity		
Hispanic	1,618	8,155
Non-Hispanic	32,387	207,258
Unknown	6,807	24,610
Total	40,812	240,023

Traumatic Brain Injury

Traumatic Brain Injury in NC

- In 2020, there were 3,176 TBI-related deaths (28.4 per 100,000 population), 7,320 TBI-related hospitalizations (32.5 per 100,000), and 13,953 TBI-related emergency department (ED) visits (58.5 per 100,000). In all instances, the TBI could be either the only injury or one of several injuries and/or medical conditions listed.

Data Source: NC Division of Public Health. NC Special Emphasis Report: Traumatic Brain Injury 2020. Published July 2022. Downloaded 9/5/23.

(<https://injuryfreenc.dph.ncdhhs.gov/DataSurveillance/TBI-SpecialEmphasisReport-NC-2020.pdf>).

Special Emphasis Reports for Traumatic Brain Injuries can be found at:

<https://injuryfreenc.dph.ncdhhs.gov/DataSurveillance/traumatic-brain-injury.htm>

DMH/DD/SAS & DHB TBI Services: FY2019

In SFY 2019, there was a total of 41,398 individuals with TBI who received behavioral health services. The method for calculating this number included use of ICD-9 and ICD-10 codes, looking at all historical TBI diagnosis a person had back to 2014. This does not indicate that the persons primary diagnosis for treatment was related to TBI in FY19, just that persons who received a BH or IDD service in FY19 had a TBI diagnosis during or prior to FY19.

Table 1: Service Recipients with TBI Diagnosis – Unduplicated Count by Age Group SFY19

Age Group	Count	Percentage
Under 18	11,628	28%
Between 18 -21	2,400	6%
Over 21	27,370	66%
Total	41,398	100%

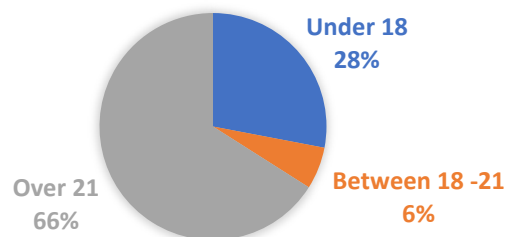


Table 2: Service Recipients with TBI Diagnosis Codes – Unduplicated Count by Gender SFY 2019

Gender	Count	Percentage
Female	22,066	53%
Male	19,332	47%
Total	41,398	100%

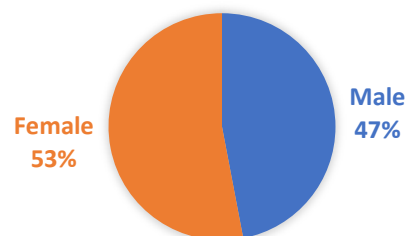


Table 3: Service Recipients with TBI Diagnosis Codes – Unduplicated Count by Race SFY 2019

Race	Count	Percentage
African American	13,202	32%
Caucasian	25,959	63%
Other Races	1,025	2%
Unknown	1,212	3%
Total	41,398	100%

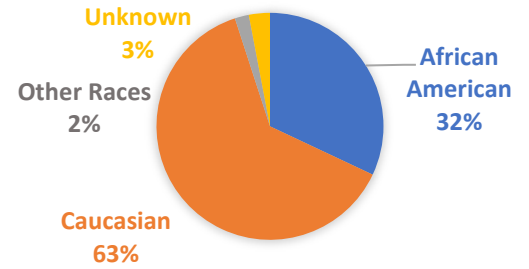
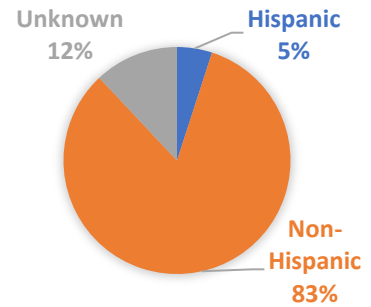


Table 4: Service Recipients with TBI Diagnosis Codes – Unduplicated Count by Ethnicity SFY 2019

Ethnicity	Count	Percentage
Hispanic	1,848	5%
Non-Hispanic	34,496	83%
Unknown	5,054	12%
Total	41,398	100%



Data Source: Paid claims adjudicated by NC Tracks for payer DMH and DHB with date of service in SFY2019; July 2020.

Additional Data Areas

Foster Care

- In FFY2021, **11,238 children (ages 0-20) in foster care in North Carolina**, as of 9/30/2021.
- In NC, **4.1 per 1,000 children in foster care**.
- In NC, **43% entered foster care due to parental substance use**.

Data Source: Child Trends State-level data for understanding child welfare in the United States: Foster Care (<https://www.childtrends.org/publications/state-level-data-for-understanding-child-welfare-in-the-united-states>) Last updated Apr 27, 2023.

Downloaded 9/5/23.

All figures related to entering foster care include children from birth to age 17 who entered care during the FFY. All figures related to children currently in care include children from birth to age 20 in foster care on the last day of the FFY. All figures related to children exiting care include children from birth to age 20 exiting care during the FFY.

Justice

- In SFY2021, **16,488 people** exited NC prisons and **re-entered society in North Carolina**.

Data Source: NCDPS FY2020-2021 Annual Statistical Report, May 12, 2022, Fig I.14.

(<https://www.ncdps.gov/our-organization/adult-correction/statistical-reports>) Downloaded 6/27/22.

Homelessness

- On one night during the last week of January 2022, **9,382 people experienced homelessness in NC (8.9 in every 10,000 people)**. **5,757** (61.4%) were sheltered, and **3,625** (38.6%) were unsheltered. **6,652** (70.9%) were individuals, and **2,730** (29.1%) were people in families with children. **415** (4.4%) were unaccompanied homeless youth. **687** (7.3%) were veterans. **1,697** (18.1%) were individuals and **156** (1.7%) were families with children experiencing chronic homeless.

Source: 2022 Annual Homeless Assessment Report to Congress: Part 1 Point-in-Time (PIT) Estimates of Homelessness in the US, Feb 2023, Downloaded 9/5/23. (<https://www.hudexchange.info/homelessness-assistance/ahar/#2022-reports>)

- Age Group: **1,743** (18.6%) were children and **7,639** (81.4%) were adults.
- Gender: **5,356** (57.1%) were male, **3,949** (42.1%) were female, **34** (0.4%) were transgender, **17** (0.2%) were non-binary, and **26** (0.3%) were gender questioning.
- Race: **4,970** (53.0%) were Black, African American, **3,685** (39.3%) were White, **146** (1.6%) were American Indian, Alaska Native, or Indigenous, **90** (1.0%) were Asian or Asian American, **33** (0.4%) were Native Hawaiian or Other Pacific Islander, and **458** (4.9%) were multiple races.
- Ethnicity: **635** (6.8%) were Hispanic/LatinX, and **8,747** (93.2%) were Non-Hispanic/LatinX.
- SMI and Chronic Substance Abuse: **1,380** (14.7%) individuals were Severely Mentally Ill (SMI) and **933** (9.9%) suffered from chronic substance abuse.

Data Source: and 2007 – 2022 PIT Estimates by State (xlsx) <https://www.hudexchange.info/resource/6802/2022-ahar-part-1-pit-estimates-of-homelessness-in-the-us/>).

Data source for SMI and chronic SA numbers: HUD 2022 Continuum of Care Homeless Assistance Programs Homeless Populations and Subpopulations for NC, 12/6/22. <https://www.hudexchange.info/programs/coc/coc-homeless-populations-and-subpopulations-reports/?filter Year=&filter Scope=State&filter State=NC&filter CoC=&program=CoC&group=PopSub>, Downloaded 9/6/23.

Patient Reported Outcomes

- **NC Treatment Outcomes and Program Performance System (NC-TOPPS)** is a web-based program that gathers outcome and performance data on behalf of mental health and substance abuse consumers in North Carolina’s public system of behavioral health services. The NC-TOPPS system provides reliable information that is used to measure the impact of treatment and to improve service and manage quality throughout the service system.. [The NC-TOPPS Outcomes at a Glance 2.0 dashboard](#) provides a dashboard that measure outcomes for particular age/disability group by local area, provider agencies and services.
- **National Core Indicators (NCI)[®]** is a voluntary effort by public **developmental disabilities agencies** to measure and track their own performance. The core indicators are standard measures used across states to assess the outcomes of services provided to individuals and families. Indicators address key areas of concern including employment, rights, service planning, community inclusion, choice, and health and safety. <https://legacy.nationalcoreindicators.org/>
- The **Consumer Perceptions of Care** reports provide information on the quality of care in each LME-MCO catchment area, based on the perceptions of individuals and families who have received mental health and/or substance abuse services. The Division and LME-MCOs gather this information annually through the Consumer Perception of Care Survey. Adults ages 18 and over, youth ages 12-17, and parents of children under 12 years of age complete the confidential surveys, in English or Spanish, at their provider agencies during a specified time period each year. <https://www.ncdhhs.gov/divisions/mental-health-developmental-disabilities-and-substance-use-services/reports/consumer-perceptions-care>
- NC Medicaid has released the results of the latest **Consumer Assessment of Healthcare Providers and Systems (CAHPS[®]) surveys**. CAHPS is a patient experience survey that serves as a national standard for measuring and reporting respondents’ experiences with their health care. NC Medicaid administers the CAHPS surveys to adult and child Medicaid beneficiaries to understand the Medicaid experience and inform improvements in care. The [full report](#) and a [two-page summary](#) are available on the [NC Medicaid Quality Management and Improvement webpage](#).