

# CT Medicaid – BH ED Utilization and User Characteristics

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[ 4/2/18]



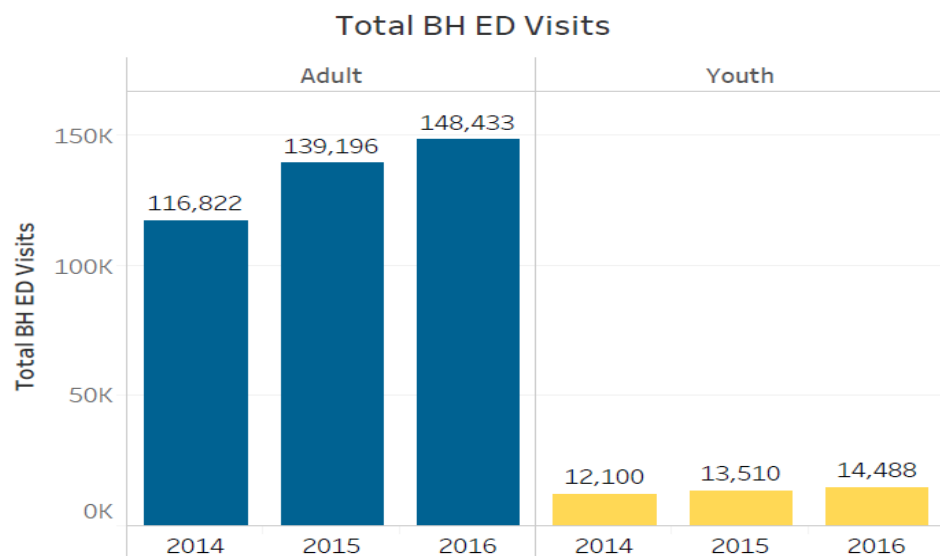
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# BH ED Utilization Patterns

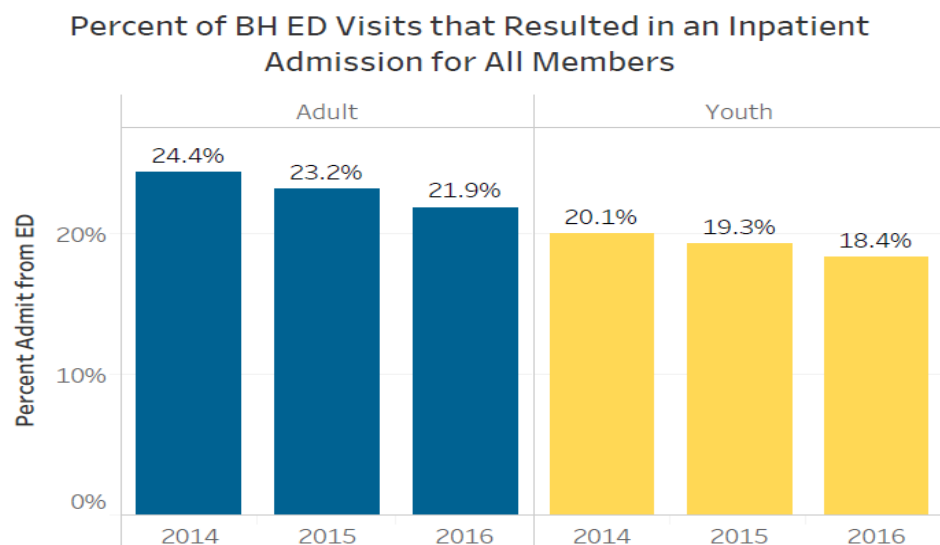
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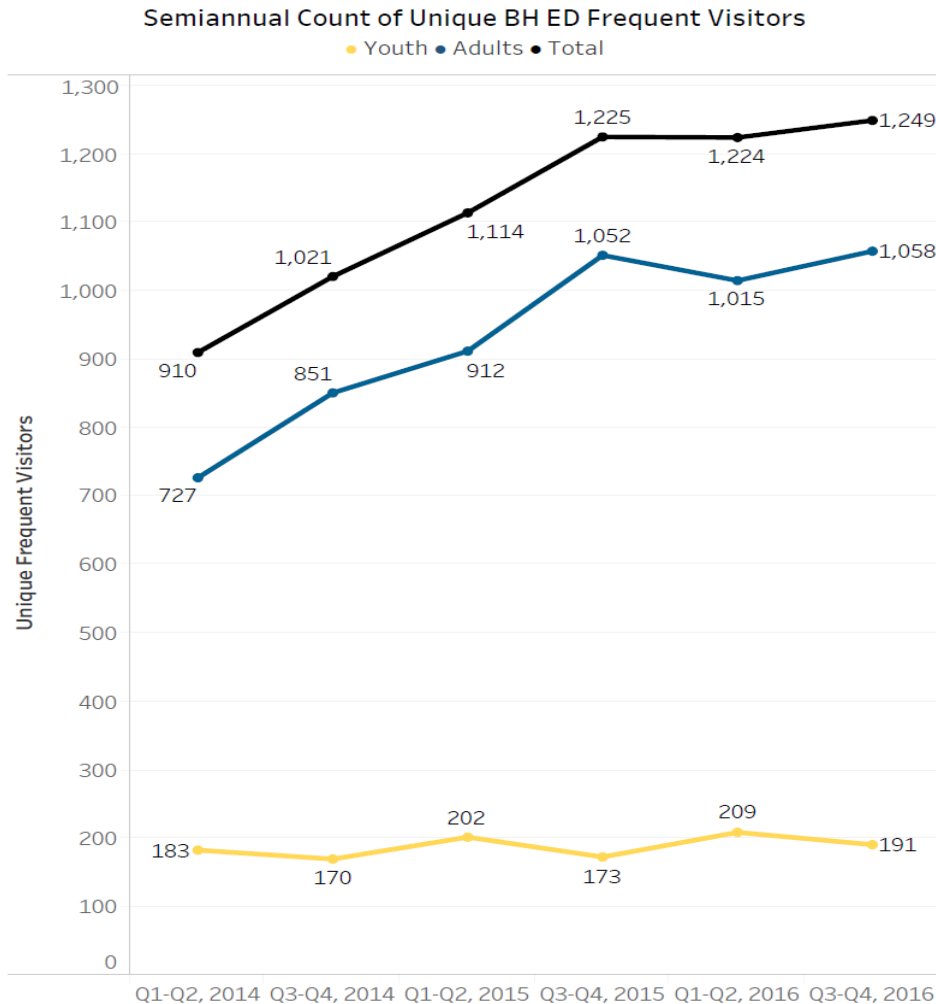
# Total BH ED Visits and % Inpatient Admissions



- Volume of All Youth BH ED Visits in 2016 = 14,448 which is equal to a per thousand rate of 42.3
- Increase of nearly 1,400 more BH ED visits each year since 2015
- Per thousand rates also increased
- % of visits that resulted in Inpatient stay, is declining
- By provider the range of % that go to inpatient is from 8.6% to 36.6%.



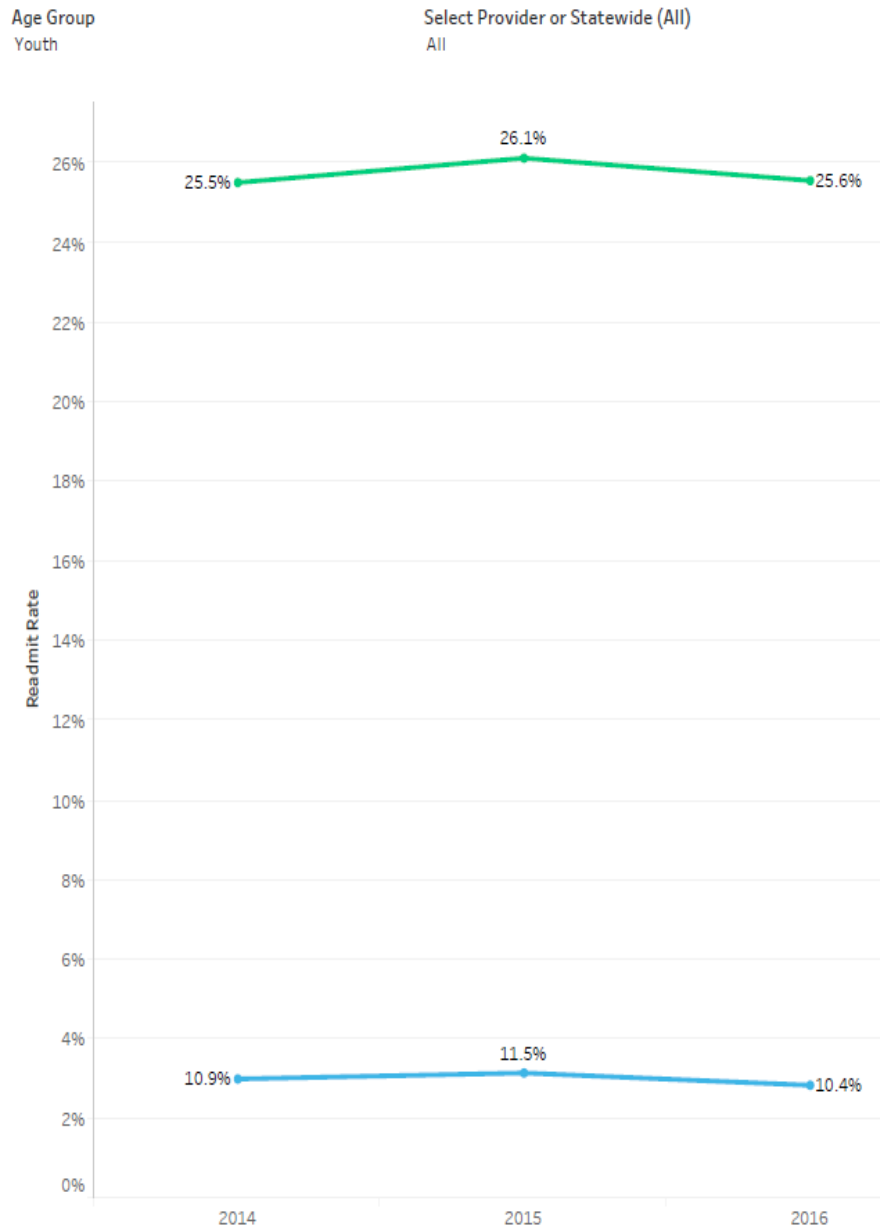
# Frequent Visitors to the ED



- For youth, a frequent visitor visits the ED 4 or more times in a 6 month period
- The rate of youth frequent ED visitors is stable since 2014 while it is increasing for adults
- In the last half 2016 1,249 frequent visitors (all ages) accounted for over 12,000 BH ED Visits
- Hospitals differ in the percentage of their BH ED Users, ranging from 2.8% (L&M) to 12.6% (Middlesex)

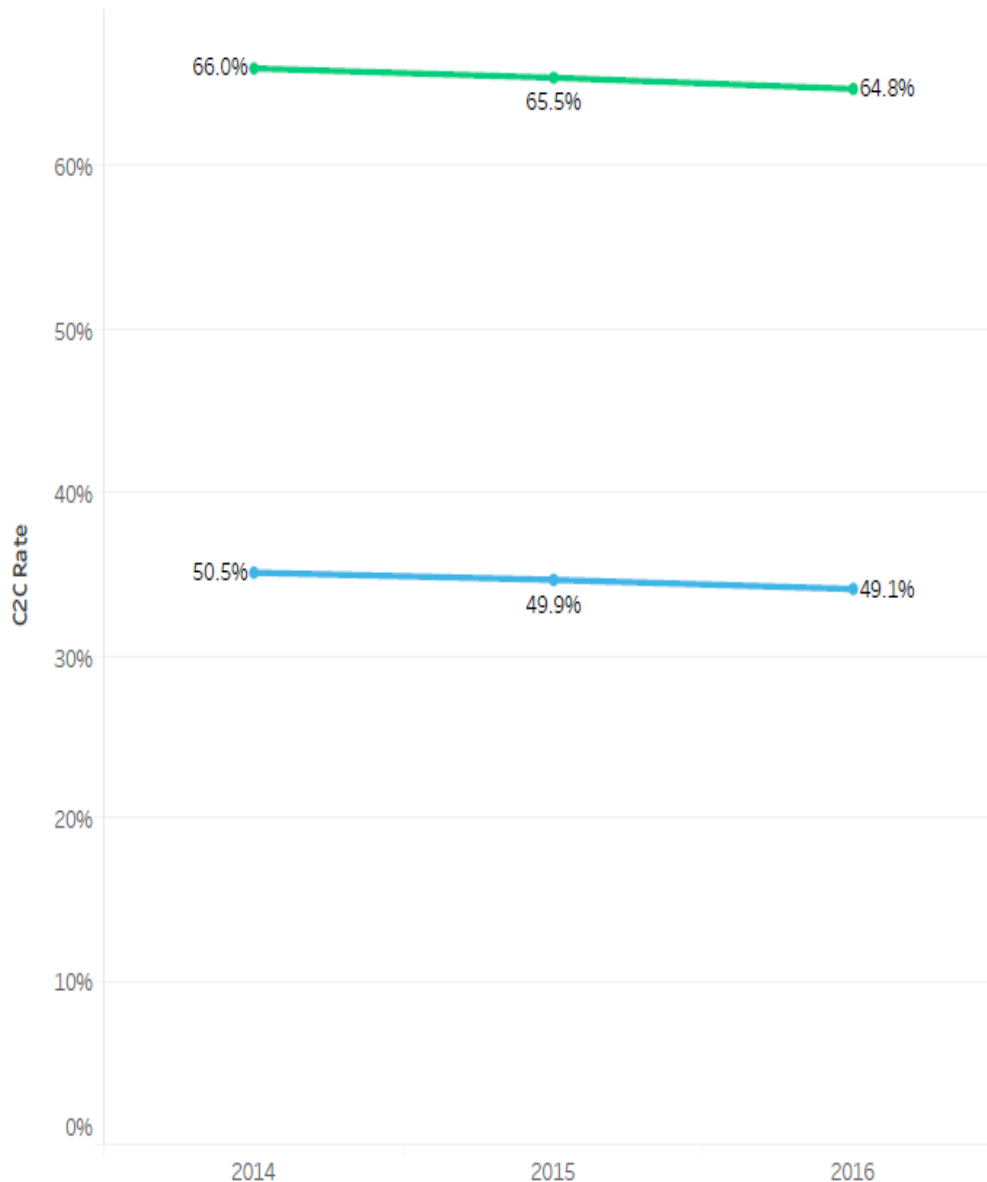


# BH ED 7 & 30 Day Readmissions



- Rates of 7 Day readmissions to the ED for youth have been stable for 2014 – 2016 around 10% to 11%
- Individual Hospital 7-day rates range from 6% to 40%
- Rates of 30 Day readmissions to the ED for youth have been stable for 2014 – 2016 around 25% to 26%
- Individual Hospital 30-day rates range from 7.1% to 50.1%
- Readmissions do not appear to vary by gender, race/ethnicity, or age group.

# ED Connect to Care (C2C) 7 & 30 Day Rates



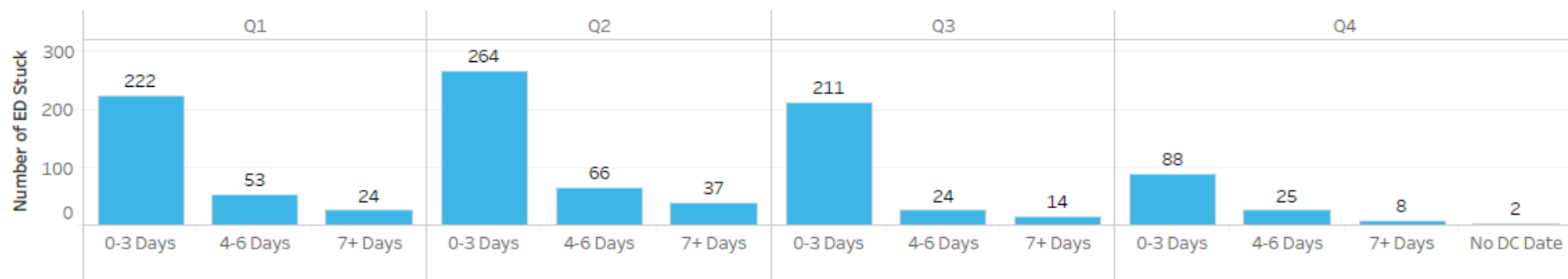
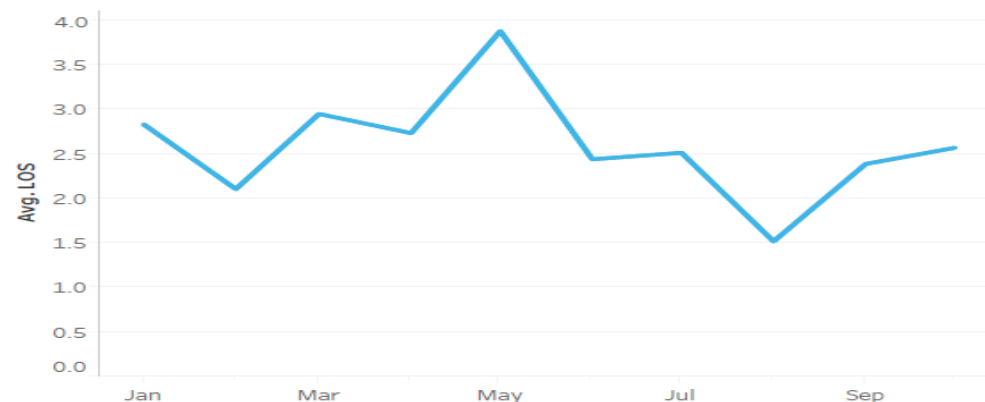
- ED C2C rates have been trending down slightly since 2014
- The 7-day rate averages around 49% to 50%
- Individual Hospital 7-day rates range between 23% and 69%
- The 30-day rate averages around 66% to 65%
- Individual Hospital 30-day rates range between 43% and 82%
- Females and Adolescents are slightly over-represented in the group that connects but race/ethnicity appears to have no discernible impact

# ED STUCK – Volume and ALOS

Number of Youth Members “Stuck” in the ED for 8 or more hours  
January 1, 2014 - October 31, 2017



ED Stuck Youth (0-17) Average Length of Stay  
January 1, 2017 to October 31, 2017  
Not unique members; Excluding CARES; All



- Youth “Stuck” in the ED follows a seasonal pattern and has been trending down slightly since 2014
- Average number of days stuck during 2017 varied by the month and ranged from a low of 1.5 (Aug) to a high of 3.8 (May)
- The vast majority of those stuck stay between 1-3 days but there are outliers and extreme outliers
- 62% of all episodes of ED stuck occur at one facility (CCMC), and DCF youth are over-represented statewide

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# BH ED User Characteristics

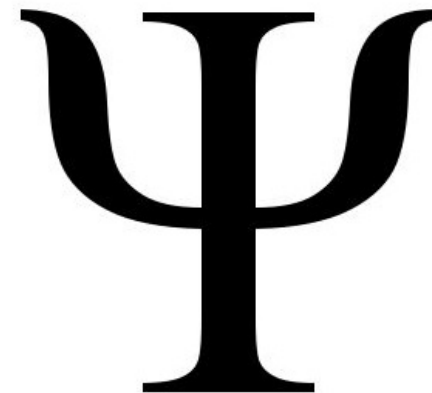
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# Characteristics of CT Medicaid Youth ED Users

- Of the 283,507 total youth Medicaid Members, 274,681 or 96.9% had no BH ED Visits with an average total spend of \$2,741
- Those with 2-6 visits had an average annual total spend of \$30,846
- Of all youth that had used at least one BH service – 18% had used the ED for medical reasons
- Of youth visits to the ED, 93% of visits were for medical reasons and 7% were for BH visits



# Characteristics of CT Medicaid Youth ED Users

- Younger children are higher users of the ED in general but not for BH reasons
- Youth that use the ED for BH reasons vs. those that do not are more likely to be
  - Older (Adolescent 13-17), male, white, live closer to the ED and are involved with DCF



# Characteristics of Youth BH ED Frequent Visitors

- Half use 1 vs. multiple EDs (different pattern with adults)
- Slightly less than 18% of BH ED FVs had a psychiatric hospitalization but more than 85% of those with more than three hospitalizations had used the ED for BH.
- 80% or more of BH ED FV were “episodic” in their use of the ED
- BH ED FVs were more likely to be FEMALE, older, & white



# Characteristics of Youth BH ED Frequent Visitors

- Among Medicaid youth with two or more BH ED visits Depressive Disorders, Impulse Control Disorders and Psychotic Disorders were most prevalent at rates of 75% to 95%.
- ED FVs more likely to have a Dx. of Autism
- Youth with 2 or more BH ED visits filled psychotropic medication prescriptions for Antipsychotics and Antidepressants most frequently
- Prevalence of Asthma was 38.2% among Frequent BH ED users



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# Questions?

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