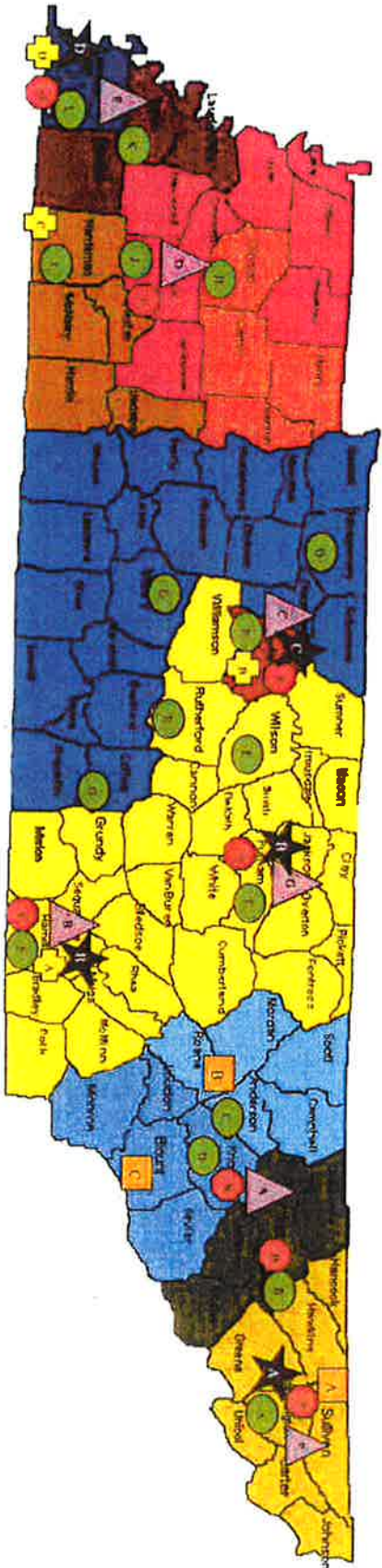


ADULT MENTAL HEALTH CRISIS SYSTEM & STATE FUNDED INPATIENT HOSPITAL BEDS



Mobile Crisis Teams

- A Frontier Health
- B Cherokee Health Systems
- C Ridgeview Psychiatric Hospital & Center
- D Helen Ross McNabb
- E Volunteer Behavioral Health
- F Mental Health Co-Operative
- G Centerstone Community MHC
- H Carey Counseling Center
- I Quinco Community MHC
- J Pathways of Tennessee
- K Professional Care Services
- L Alliance Healthcare Services

Crisis Stabilization Units/Walk-in Center

- A Frontier Health
- B Helen Ross McNabb Center
- C Volunteer Behavioral Health – Chattanooga
- D Volunteer Behavioral Health – Cookeville
- E Mental Health Co-Operative
- F Pathways of Tennessee
- G Alliance Healthcare Services
- H Cherokee Health Systems

State Contracted Private Hospitals

- A Woodridge Psychiatric Hospital
- B Ridgeview Psychiatric Hospital
- C Pennsula Hospital

Regional Mental Health Institutes

- A Moccasin Bend Mental Health Institute
- B Middle TN Mental Health Institute
- C Western Mental Health Institute
- D Memphis Mental Health Institute

Respite Services

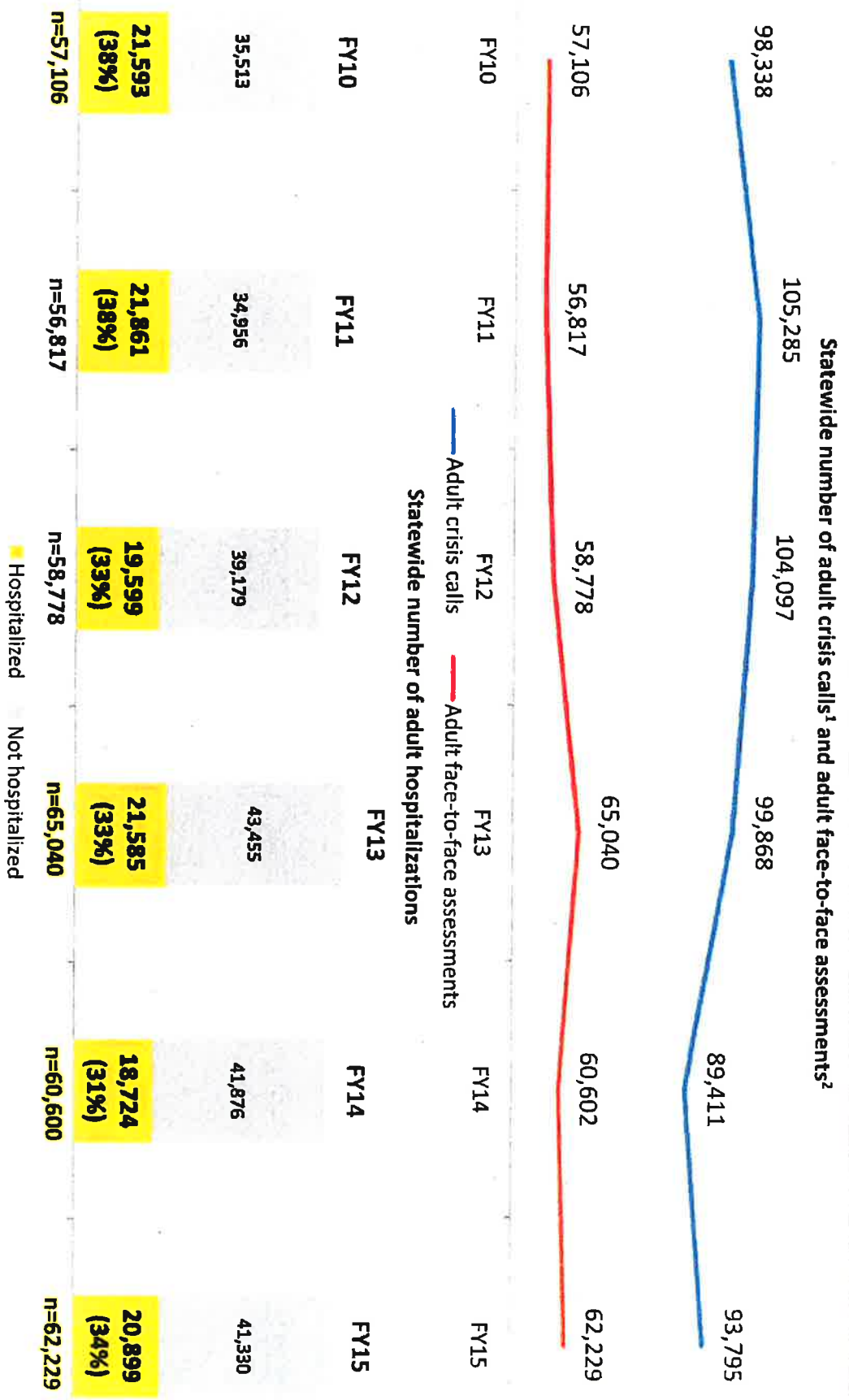
- A Frontier Health
- B Volunteer Behavioral Health
- C Mental Health Co-Operative
- D Alliance Healthcare Services

Medically Monitored Crisis Withdrawal Management

- A Helen Ross McNabb
- B CADAS
- C Buffalo Valley
- D Pathways of Tennessee
- E Serenity
- F Frontier Health
- G Volunteer Behavioral Health

Source: esu-crisis-mhi-private hosp. map / 7-29-16 / vicki carter

In FY15, adult crisis phone calls totaled 93,795 and face-to-face assessments totaled 62,229; 34% (20,899) of adult crisis assessments resulted in hospitalization.

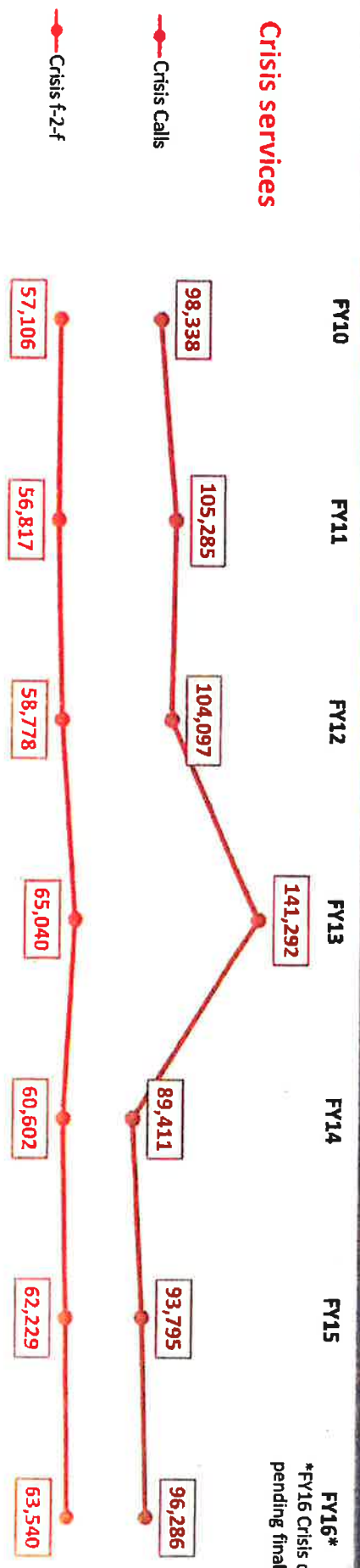


Data sources: Data was collected with Excel spreadsheets from FY10 to FY13. The Crisis Database started in FY14.
¹The definition for crisis-related phone calls changed in FY12; number of adult phone calls adjusted for Alliance (FY12: 18,156 calls; FY13: 55,642 calls (+206%); FY14: 10,279 calls). for FY13, mean of FY12 and FY14 (18,156+10,279)/2=14,218 is displayed.
²FY14 may contain some children and youth assessments reported by adult providers; FY14 mobile data excludes walk-in assessments while all years prior included walk-in center data as a subcategory of mobile.

(a)

Comparison of RMHI Presentations and Adult Crisis Services

Crisis services



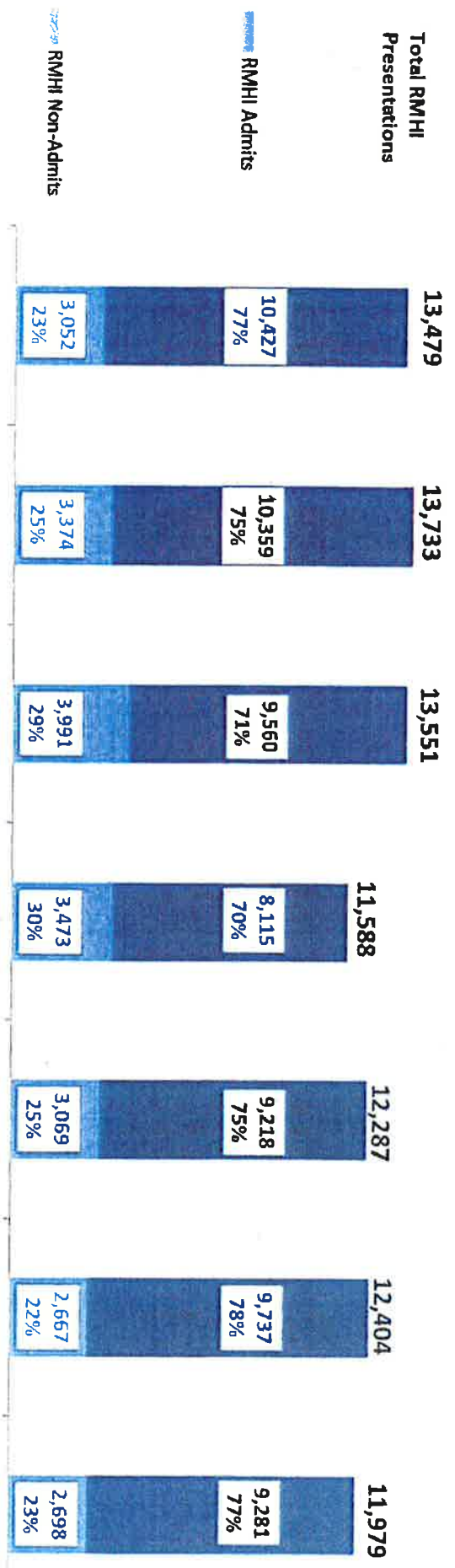
*FY16 Crisis data pending finalization

Crisis referrals to RMHI

Crisis RMHI referral data not available for FY10 and FY11



RMHI Total RMHI Presentations



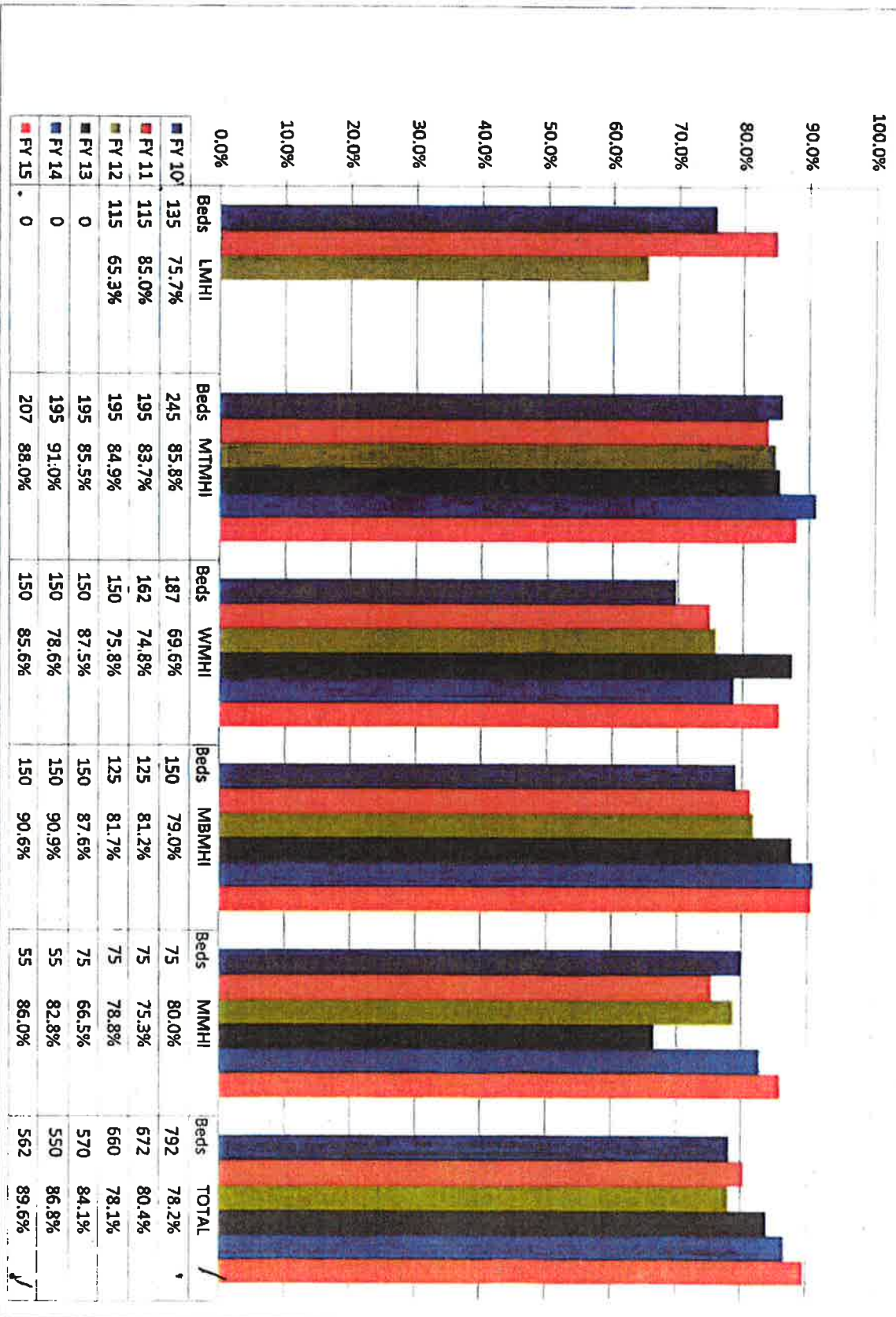
On RMHI waiting list



Office of Research | M. Lehenbauer-Baurn, 7/29/2016

*Please note the waitlist includes duplicated counts of people and therefore is artificially inflated (2)

RMHI Occupancy Rate FY 10-15 and Staffed Beds



Utilization Review Data: AVATAR

F:\WINWORD\DATA UR FOR HOSPITALS\FY 16 Stats\Percent Occupancy 10-15 3-2

Division of Hospital Services: EBG

(6)

Change in Psychiatric Beds, 2011 – 2016

State of Tennessee, Private and Public Beds

<p>Psychiatric Beds 2011 – 12* 2,509 (JAR-H = 2559 beds)</p>	<p>Psychiatric Beds 2015 – 16** 2,596</p>										
<p>Bed Changes by Type:</p> <p>Overall increase of 87 beds</p> <table> <tr> <td>Adult Psych</td> <td>-23</td> </tr> <tr> <td>Geropsych</td> <td>+48</td> </tr> <tr> <td>Child/Adolescent</td> <td>+68</td> </tr> <tr> <td>Unknown</td> <td>-6</td> </tr> <tr> <td>Total</td> <td>+87</td> </tr> </table>		Adult Psych	-23	Geropsych	+48	Child/Adolescent	+68	Unknown	-6	Total	+87
Adult Psych	-23										
Geropsych	+48										
Child/Adolescent	+68										
Unknown	-6										
Total	+87										

Data Sources:

* Bed numbers for 2011 – 12 are based on the JAR-H 2011 data (from THA), corrected where indicated based on HSDA and TDMHSAS Licensure information.

** Bed numbers for 2015 – 16 are based on the JAR-H 2014 data (from THA), updated to 2016 and corrected where indicated based on HSDA and TDMHSAS Licensure information.

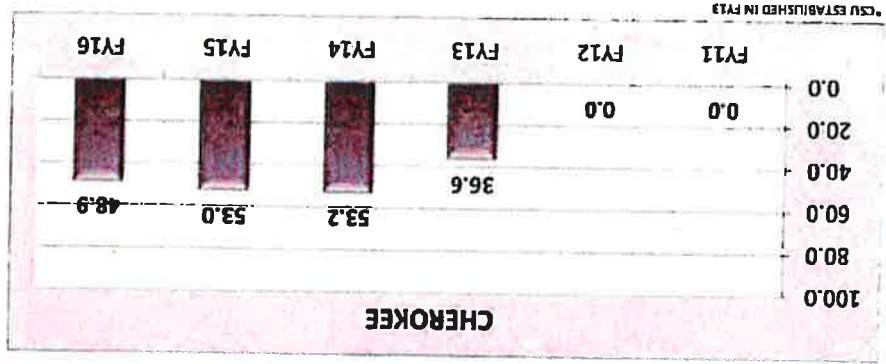
Note: The 2015 – 16 bed numbers include all CON-approved beds as of April, 2016, including beds that may not be implemented as of July, 2016. (The 76 new psychiatric beds that were approved in May for Erlanger to construct are not included in the above bed numbers.)

Considerations:

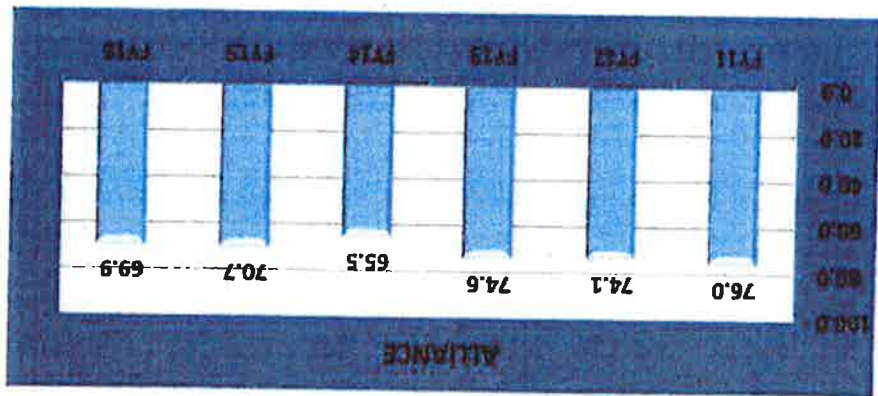
- Hospitals submit JAR-H data based on the hospital's fiscal year, which will vary from hospital to hospital. For example, the 2011 JAR-H reports may cover the time period of July 1, 2010 through June 30, 2011 OR the time period of January 1, 2011 through December 31, 2011.
- There is some obvious inconsistency across the JAR-H reports re: whether the number of beds reported are licensed beds or operating beds (aka "staffed beds").
- Operating beds ("staffed beds") can – and will – vary from time to time, based on utilization patterns and staff availability. Reports of operating beds should be considered a "point-in-time" picture of the number of beds.
- Some hospitals erroneously reported non-hospital beds in their JAR-H reports. For example, Pathways reported 25 beds on their JAR-H report, but only have 10 licensed hospital beds (the other 15 beds are licensed as crisis stabilization beds). These bed numbers were corrected based on TDMHSAS Licensure information.

Shannon v.s. bed available

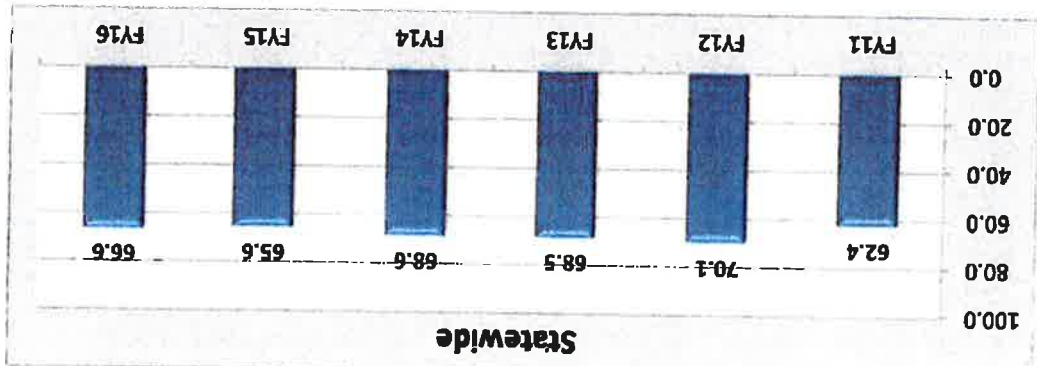
Source : Provider weekly reports / 7-19-16 / Vicki Carter



CHEROKEE		FY11	FY12	FY13	FY14	FY15	FY16
		0.0	0.0	36.6	53.2	53.0	48.9



ALLIANCE		FY11	FY12	FY13	FY14	FY15	FY16
		76.0	74.1	74.6	65.5	70.7	69.9



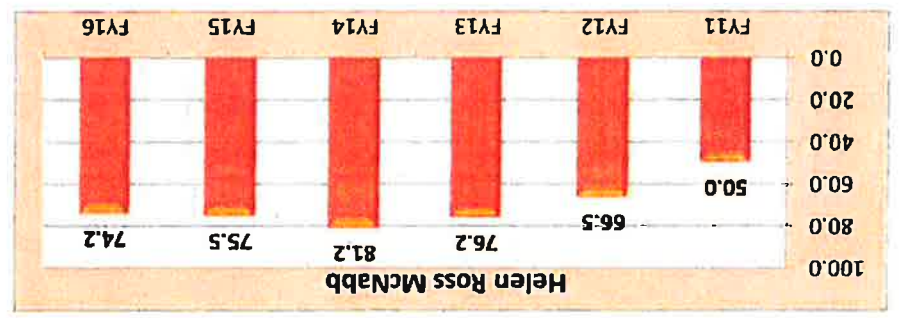
Statewide		FY11	FY12	FY13	FY14	FY15	FY16
		62.4	70.1	68.5	68.6	65.6	66.6

Statewide and Provider CSU Census-FY11 - FY16
Average % Occupancy

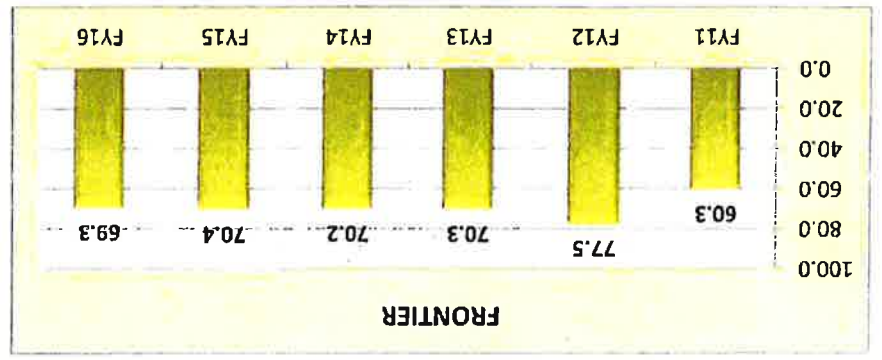
Source : Provider weekly reports / 7-19-16 / Vicki Carter



Fiscal Year	Occupancy %
FY11	75.3
FY12	74.3
FY13	72.9
FY14	79.6
FY15	74.7
FY16	78.1



Fiscal Year	Occupancy %
FY11	50.0
FY12	66.5
FY13	76.2
FY14	81.2
FY15	75.5
FY16	74.2



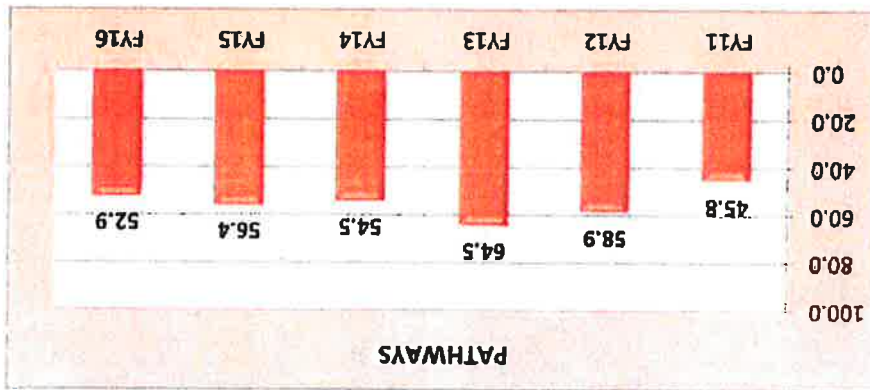
Fiscal Year	Occupancy %
FY11	60.3
FY12	77.5
FY13	70.3
FY14	70.2
FY15	70.4
FY16	69.3

Statewide and Provider CSU Census-FY11 - FY16
Average % Occupancy

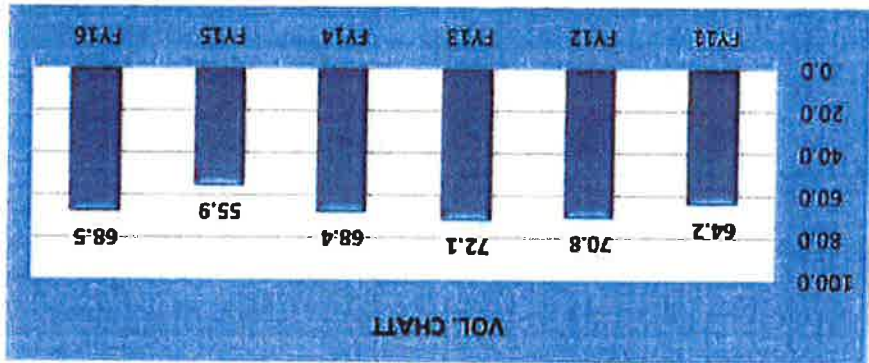
Statewide and Provider CSU Census-FY11 - FY16

Average % Occupancy

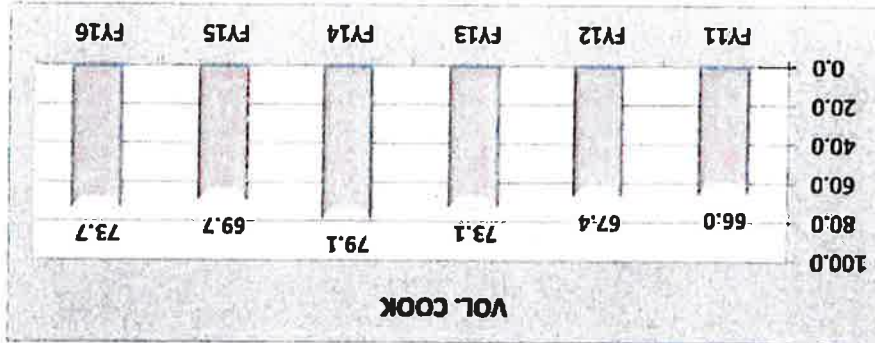
PATHWAYS		FY11	FY12	FY13	FY14	FY15	FY16
		45.8	58.9	64.5	54.5	56.4	52.9



VOL. CHATT		FY11	FY12	FY13	FY14	FY15	FY16
		64.2	70.8	72.1	68.4	65.9	68.5



VOL. COOK		FY11	FY12	FY13	FY14	FY15	FY16
		66.0	67.4	73.1	79.1	69.7	73.7



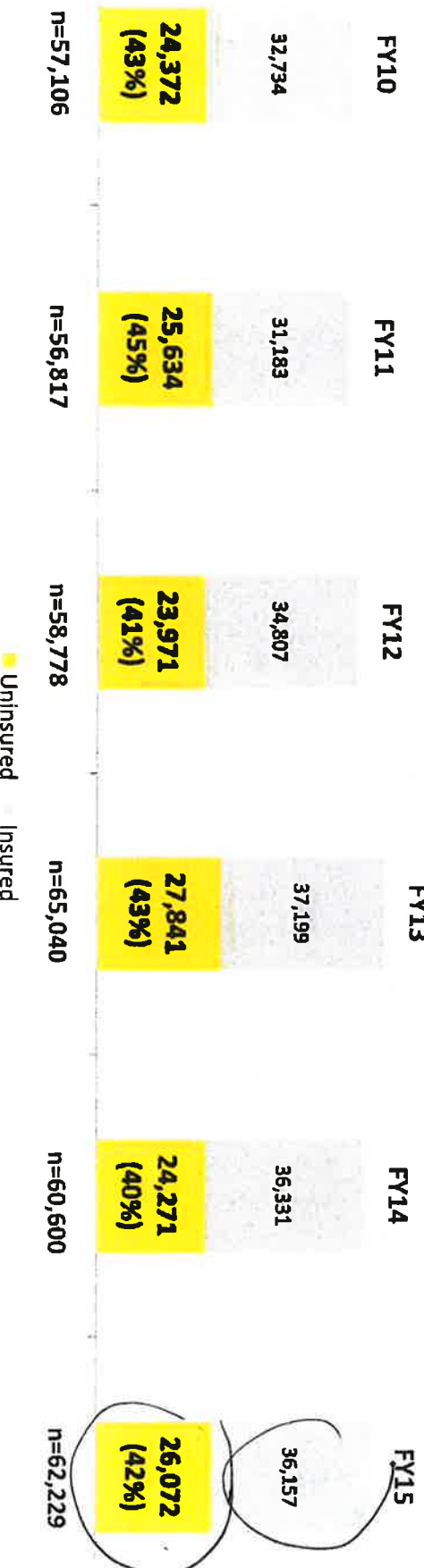
Source : Provider weekly reports / 7-19-16 / Vicki Carter

Statewide, the percentage of adult face-to-face assessments without any insurance was 42% in FY15.

Statewide percentage of adult face-to-face assessments without insurance



Statewide number of adult face-to-face assessments with and without insurance



Data sources: Data was collected with Excel spreadsheets from FY10 to FY13. Crisis Database started in FY14.

East Tennessee Behavioral Health Transformation Project (ETBHTP)

In-patient bed capacity since closure of Lakeshore Mental Health Institute (LMHI) for Regions I and II

Acute admissions (excluding forensics) information for LMHI and TDMHSAS funded private in-patient hospitals for FY2010-2011 (LMHI last full year of operation)			
FY2010 - 2011	Total number of adult admissions	Average length of stay	Total number of bed days
LMHI	1,760	4.55	8,008
Private In-Patient	939	5.2	4,650
Total	2,699	4.875	12,658

As part of the ETBHTP, a 25 bed unit was established at Moccasin Bend Mental Health Institute (MBMHI) and contracts were executed with Private In-Patient Hospitals.			
FY2014-2015	Total number of TDMHSAS funded adult admissions from Regions I and II	Average length of stay	Total number of bed days
Private In-Patient	1,390	5.288	7,350
Parkwest/Peninsula	1,361	4.403	5,993
Mountain States/Woodridge	313	4.732	1,481
Private In-Patient	3,064	4.808	14,824
Total	870	6.61	5,751
MBMHI	870	6.61	5,751
Total	3,934	5.709	20,575

In FY2014-2015 as a result of the ETBHTP, there were 3,934 in-patient admissions for a total of 20,574 bed days for individuals from Regions I and II. This is an increase of 1,235 admissions and 7,917 bed days from FY2010-2011.

Crisis Stabilization Unit (CSU) beds & individuals served for Regions I and II

FY2011-2012	FY2014-2015	Total number of admissions	Average length of stay	Total number of bed days
3,011	3,930	3,011	2.947	11,582
9,259	9,259	9,259	3.075	9,259

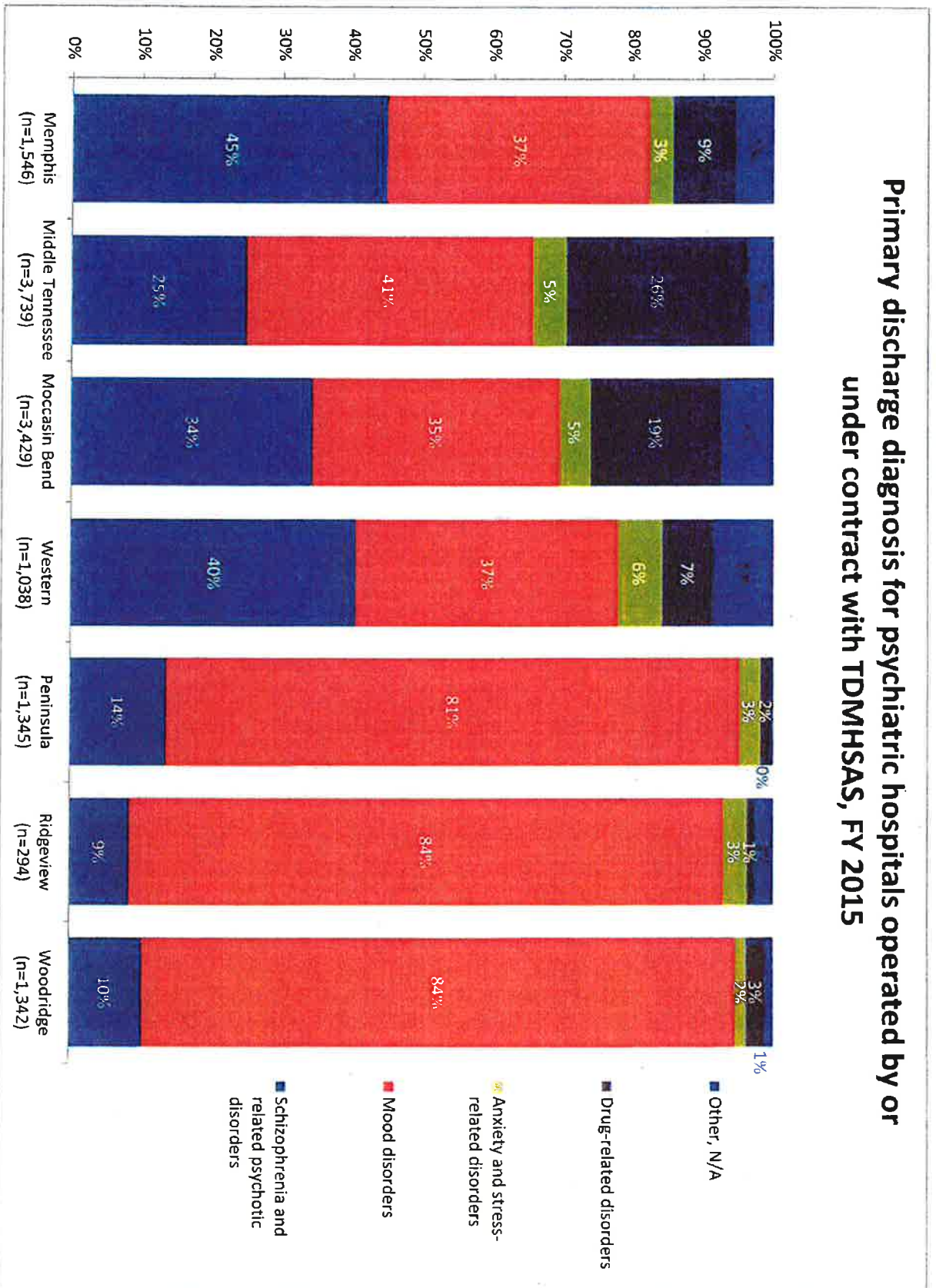
In FY2014-2015 as a result of the ETBHTP, there were 3,930 CSU admissions for a total of 11,582. This is an increase of 919 admissions and 2,323 bed days from FY2011-2012.

Intensive Long-term Support Residential Treatment Centers

Number of beds	Number Served - FY2013 - FY2016	Total
12	27	Willow Cottage - Knoxville
16	28	Gibson Place - Johnson City
28	55	Total

Source: AVATAR and contracted provider reports; 9/6/2016 S. West

Primary discharge diagnosis for psychiatric hospitals operated by or under contract with TDMHSAS, FY 2015



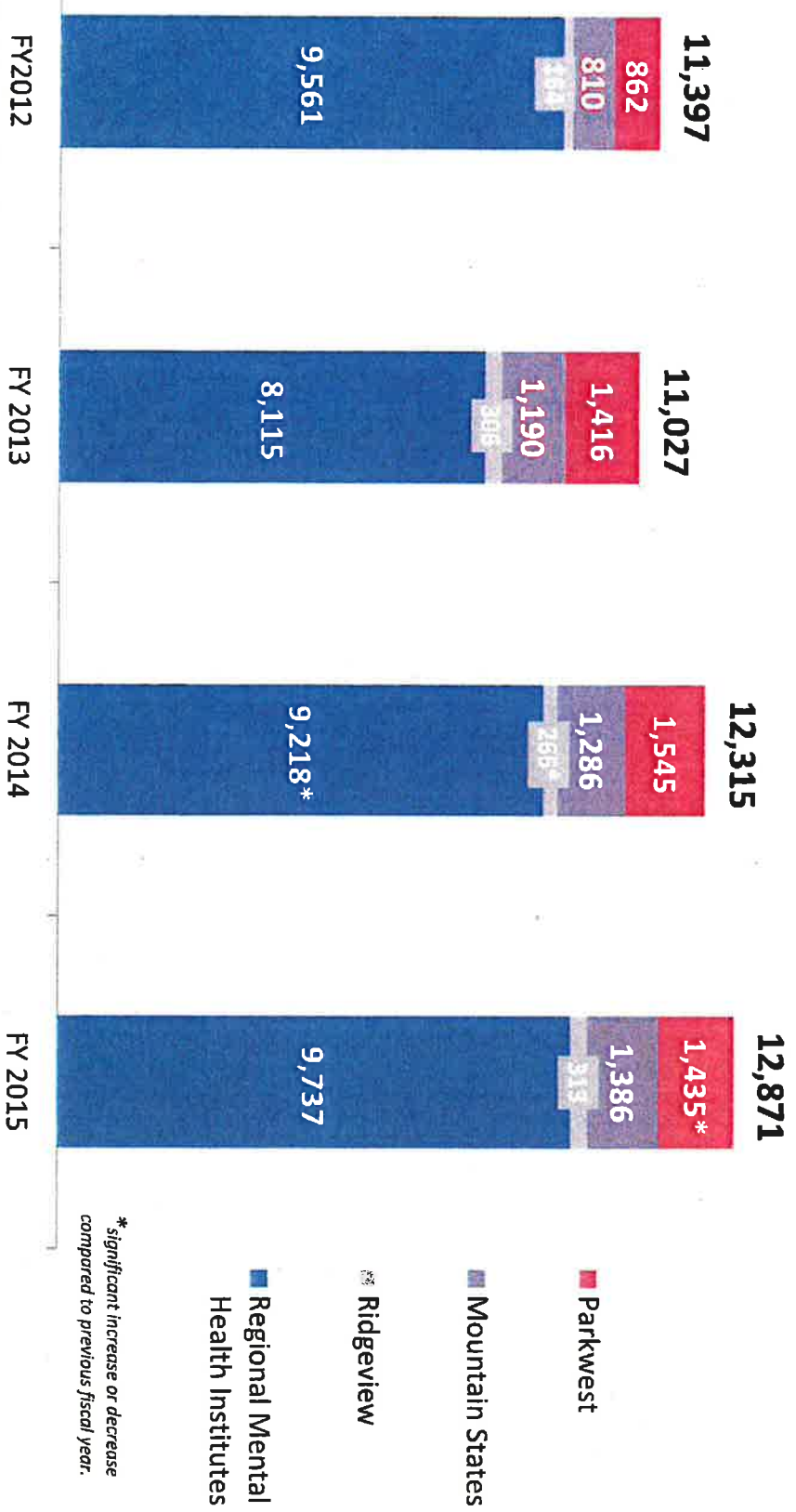
M. Lehenbauer-Baum, 6/21/2016

REGIONAL MENTAL HEALTH INSTITUTES AND PRIVATE PSYCHIATRIC HOSPITALS THAT CONTRACT WITH TDMHSAS

Table 43. TDMHSAS-funded admissions to psychiatric hospitals

	FY2012	FY 2013	FY 2014	FY 2015
Regional mental health institutes	8,561	8,115	9,218	9,737
Private psychiatric hospitals that contract with TDMHSAS	1,836	2,912	3,097	3,134
Statewide number of admissions	11,397	11,027	12,315	12,871

Chart 34. TDMHSAS-funded admissions to regional mental health institutes and private psychiatric hospitals that contract with TDMHSAS



* significant increase or decrease compared to previous fiscal year.

Data source: TDMHSAS Division of Hospital Services. Please note that Lakeshore Mental Health Institute closed with the end of FY2012. TDMHSAS started contracting private psychiatric hospitals in FY2012.

Marlo Lehenbauer-Baum, Rachel L. Jones
July 2016

2016 Behavioral Health
County and Region Services Data Book