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# **EMPS** Crisis Intervention Services

**Performance Improvement Center (PIC)** 

## Quarter 4 Report: Fiscal Year 2016 April 1 – June 30, 2016

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The Emergency Mobile Psychiatric Services Performance Improvement Center is housed at the Child Health and Development Institute of Connecticut, Inc.



## **Table of Contents**

Executive Summary	5
Section I: RBA Report Card	7
Section II: EMPS Statewide/Service Area Dashboard	9
Figure 1. Total Call Volume by Call Type Figure 2. Total Call Volume per Quarter by Call Type	
Figure 3. EMPS Response Episodes by Service Area	
Figure 4. EMPS Episodes per Quarter by Service Area	
Figure 5. Number Served Per 1,000 Children (Current Quarter)	
Figure 6. Number Served per 1,000 Children per Quarter by Service Area	
Figure 7. Number Served Per 1,000 Children in Poverty (Current Quarter)	
Figure 8. Number Served Per 1,000 Children in Poverty	10
Figure 9. Mobile Response (Mobile and Deferred Mobile) by Service Area (Current Quarter)	10
Figure 10. Mobile Response (Mobile and Deferred Mobile) by Service Area (Current Quarter)	10
Figure 11. Total Mobile Episodes with a Response Time Under 45 Minutes (Current Quarter)	10
Figure 12. Total Mobile Episodes with a Response Time Under 45 Minutes per Quarter by Service Area	10
Figure 13. After Hours Follow-up Calls by Provider	
Section III: EMPS Response	11
Figure 14. Total Call Volume by Call Type	11
Figure 15. Statewide 211 Disposition Frequency	
Figure 16. EMPS Response Episodes by Provider	
Figure 17. Number Served Per 1,000 Children by Provider (Current Quarter)	
Figure 18. Episode Intervention Crisis Response Types by Service Area	
Figure 19. Episode Intervention Crisis Response Type by Provider	
Section IV: Demographics	
Figure 20. Condex of Children Conved Statewide	10
Figure 20. Gender of Children Served Statewide	
Figure 21. Age Groups of Children Served Statewide Figure 22. Ethnic Background of Children Served Statewide	
Figure 23. Race of Children Served Statewide	
Figure 24. Client's Type of Health Insurance at Intake Statewide	
Figure 25. Families that Answered "Yes" TANF* Eligible	
Figure 26. Client DCF* Status at Intake Statewide	
Section V: Clinical Functioning	
Figure 27. Top Six Client Primary Presenting Problems by Service Area	
Figure 28. Distribution of Client Primary Diagnosis Categories at Intake Statewide	
Figure 29. Distribution of Client Secondary Diagnostic Categories at Intake Statewide	
Figure 30. Top 6 Client Primary Diagnostic Categories at Intake by Service Area	
Figure 31. Top 6 Client Secondary Diagnostic Categories at Intake by Service Area	
Figure 32. Children Meeting SED* Criteria by Service Area	
Figure 33. Children with Trauma Exposure Reported at Intake by Service Area	
Figure 34. Type of Trauma Reported at Intake by Service Area	
Figure 35. Clients Evaluated in an Emergency Dept. One or More Times in the Six Months Prior and During an Ep of Care	18
Figure 36. Clients Admitted to a Hospital (Inpatient) for Psychiatric or Behavioral Health Reasons One or More Ti	
in His/Her Lifetime, in Six Months Prior and During the Episode of Care	
Section VI: Referral Sources	19
Figure 37. Referral Sources Statewide	19
Table 1. Referral Sources (Q3 FY 2015)	

Figure 39. Emergency Dept. Referral Figure 40. Type of Emergency Department Referrals by Provider	. 20 . 20
	. 20
Figure 41. Emergency Dept. Referral (% of Total EMPS Episodes) by Provider	21
Section VII: 211 Recommendations and EMPS Response	. 21
Figure 42. 211 Recommended Initial Response	.21
Figure 43. Actual Initial EMPS Provider Response	. 21
Figure 44. 211 Recommended Mobile Response Where Actual EMPS Response was Non-Mobile or Deferred Mobile	21
Figure 45. 211 Recommended Non-Mobile Response Where Actual EMPS Response was Mobile or Deferred Mobile	22
Figure 46. Mobile Response (Mobile & Deferred Mobile) By Service Area	. 22
Figure 47. Mobile Response (Mobile & Deferred Mobile) By Provider	. 22
Section VIII: Response Time	. 23
Figure 48. Total Mobile Episodes with a Response Time Under 45 Minutes	. 23
Figure 49. Total Mobile Episodes with a Response Time Under 45 Minutes by Provider	. 23
Figure 50. Median Mobile Response Time by Service Area in Minutes	
Figure 51. Median Mobile Response Time by Provider in Minutes	. 23
Figure 52. Median Deferred Mobile Response Time by Service Area in Hours	. 23
Figure 53. Median Deferred Mobile Response Time by Provider in Hours	. 23
Section IX: Length of Stay and Discharge Information	. 24
Table 2. Length of Stay for Discharged Episodes of Care in Days	.24
Table 3. Number of Episodes for Discharged Episodes of Care	
Table 4. Length of Stay for Open Episodes of Care in Days	. 26
Figure 54. Top Six Reasons for Client Discharge Statewide	. 27
Figure 55. Top Six Places Clients Live at Discharge Statewide	. 27
Figure 56. Type of Services Client Referred* to at Discharge Statewide	
Table 5. Ohio Scales Scores by Service Area	. 28
Section X: Client & Referral Source Satisfaction	. 29
Table 6. Client and Referrer Satisfaction for 211 and EMPS	. 29
Section XI: Training Attendance	. 30
Table 7. Trainings Completed for All Active* Staff	.30
Section XII: Data Quality Monitoring	
Figure 57. Ohio Scales Collected at Intake by Provider	.31
Figure 58. Ohio Scales Collected at Discharge by Provider	
Section XIII: Provider Community Outreach	
Figure 59. Number of Times Providers Conducted Formal* Outreach to the Community	32

## **Executive Summary**

**Introduction:** Starting in Q2 FY2016, EMPS PIC has restructured quarterly reports to incorporate DSM-V data and a Results Based Accountability (RBA) report card to enhance the capacity for DCF and statewide stakeholders to monitor quality assurance of the EMPS program.

<u>Call and Episode Volume</u>: In the fourth quarter of FY2016, **211 received 4,458 calls** including 3,142 calls (70.5%) handled by EMPS providers and 1,316 calls (29.5%) handled by 211 (e.g., calls for other information or resources, calls transferred to 911). Of the 3,142 calls, 3,007(95.7%) were received during regular hours, 133 (4.2%) were handled after hours, and 2 (0.0%) were crisis-response follow-ups. This quarter saw a 2.4% decrease in call volume compared to the same quarter in FY2015 (4,567), and the total episodes decreased by 7.5% compared to the same quarter in FY2015 (3,397).

Among the **3,140 episodes of care** generated in Q4 FY16, episode volume ranged from 358 episodes including After Hours calls (Eastern service area) to 760 episodes including After Hours calls (Hartford service area). Relative to the population of children in each service area, the statewide average service reach rate per 1,000 children this quarter was 3.86, with service area rates ranging from 3.01 (Southwestern) to 4.82 (Hartford). Additionally, the number of episodes generated relative to the number of children in poverty in each service area yielded a statewide average poverty service reach rate of 7.76 per 1,000 children in poverty, with service area rates ranging from 5.78 (New Haven) to 10.98 (Central).

Each quarter, every EMPS site is required to achieve an overall service reach rate of 2.5 episodes per 1,000 children. For this quarter, 11 of 14 sites met this benchmark.

**Demographics**: Statewide this quarter, 52.2% of children served were male and 47.8% female. Approximately **34.2% of youth served** were **13-15 years old**, 25.4% were 9-12 years old, 23.8% were 16-18 years old, and 12.9% were 6-8 years old. Almost one-third **(30.1%) of youth served were of Hispanic ethnicity**. Additionally, the **majority of the children served were White (58.6%)**, 21.9% were African-American or Black, and 16.9% reported "Other Race." The majority of youth were insured by Husky A (64.9%) and private insurance (29.3%). Finally, the majority of clients (80.2%) were not DCF-involved.

<u>Clinical Functioning</u>: The most commonly reported primary presenting problems for clients statewide include: Harm/Risk of Harm to Self (30%), Disruptive Behavior (25%), Depression (12%), Harm/Risk of Harm to Others (8%), Anxiety (6%), and Family Conflict (5%). The top client primary diagnoses at intake this quarter were: Depressive Disorders (29.6%), Adjustment Disorders (16.9%), Conduct Disorders (13.5%), Attention Deficit/Hyperactivity Disorders (9.8%), Anxiety Disorders (7.5%), and Trauma Disorders(6.9%). This quarter, **79% of EMPS clients statewide met the definition for Serious Emotional Disturbance (SED).** 

In this quarter, the **statewide percentage of children with trauma exposure reported at intake was 65%**, with service areas ranging from 57% (Central and Southwestern) to 77% (New Haven). The most common types of trauma exposure reported at intake statewide were: Disrupted Attachment/Multiple Placements (26%), Witnessing Violence (24%), Victim of Violence (15%), and Sexual Victimization (12%).

The statewide rate for **the percentage of children evaluated in an Emergency Department once or more in the six months prior to a current episode of care was 21%**, a decrease from 22% in the same quarter last fiscal year. Sixteen percent of children were evaluated one or more times *during* an episode of care. The inpatient admission rate in the six months prior to EMPS referral was 11% statewide, which is 1% lower when compared to the same quarter in FY2015, whereas the admission rate to an inpatient unit during an EMPS episode was 7%, 1% higher than the same quarter last fiscal year.

<u>Referral Sources</u>: Statewide, **43.5% of all referrals were received from parents, families and youth and 38.7% were received from schools**. Emergency Departments (EDs) accounted for about 9.3% of all EMPS referrals. The remaining 8.5% of referrals came from other sources.

ED utilization of EMPS varies widely among hospitals in Connecticut. This quarter, a total of **291 EMPS referrals were received from EDs**, including 101 referrals for inpatient diversion and 190 referrals for routine follow-up. Regionally, the highest rate of ED responses, as a percentage of total responses, was observed in the Western service area (19%) and the lowest was in the Eastern service area (1%). Statewide, about 9% of all EMPS episodes came from ED referrals this quarter, 1% lower when compared to Q4 FY2015.

<u>Mobility</u>: The average **statewide mobility this quarter was 91.6%,** 0.1% higher when compared to Q4 FY15 (Police referrals are excluded from mobility calculations). Five of the six service areas met the benchmark of 90% this quarter. Mobility rates among

service areas ranged from 85.3% (Southwestern) to 95.9% (Western). The range in mobility percentages widened slightly more among individual providers, from 82% (CFGC/South-EMPS) to 98% (Well-EMPS:Dnby). Of these providers, 10 of the 14 either reached or surpassed the 90% benchmark.

**<u>Response Time</u>**: Statewide this quarter, **89% of mobile episodes received a face-to-face response in 45 minutes or less**. Performance on this indicator ranged from 80% (Hartford) to 95% (Southwestern) with all six service areas above the 80% benchmark. Across the state, 12 of the 14 providers met the benchmark. In addition, the statewide median response time this quarter was 24 minutes, with all six service areas demonstrating a median response time of 30 minutes or less. These data suggest that EMPS service providers offer timely responses to crises in the community.

Length of Stay: Among discharged episodes statewide this quarter, 43% of Phone Only episodes exceeded one day, 41% of Face-toface episodes exceeded five days, and 14% of Plus Stabilization Follow-up episodes exceeded 45 days, a rate that did not meet the statewide benchmark (less than 5%). The statewide median LOS among discharged episodes was 0 days for Phone Only, 4.0 days for Face-to-face episodes, and 22.0 days for Plus Stabilization.

Statewide, the median Length of Stay (LOS) for open episodes of care with a Crisis Response of Phone Only was 64 days and ranged from 0 days (New Haven and Eastern) to 74 days (Western). The statewide median LOS for Face-to-face was 57 days and ranged from 0 days (Eastern) to 63 days (Western). For Plus Stabilization Follow-up, the statewide median LOS was 48 days with a range from 28 days (Eastern) to 57 days (Western). This tells us that families remain open for services beyond the benchmarks (1-day and 5-day respectively) for the phone and face-to-face crisis response categories. The majority of stabilization plus follow-up episodes (53%) did exceed the 45-day benchmark. Cases that remain open for services for long periods of time can impact responsiveness as call volume continues to increase, and can compromise accurate and timely data entry practices.

**Discharge Information:** The overwhelming **majority of clients lived in a private residence at discharge from EMPS (95.4%)**. Statewide, the **top three reasons for client discharge** were: Met Treatment Goals (70.5%), Family Discontinued (20.2%), and Client Hospitalized: Psychiatrically (4.9%).

Statewide, clients were most likely to be **referred to Outpatient Services at discharge (41.2%)**. Other care referrals at discharge included: Intensive Outpatient Program (9.9%), Other: Community Based (6.6%), Inpatient Hospital (5.2%), Partial Hospital Program (4.2%), and Intensive In-Home Services (3.8%). An additional 23.9% of clients indicated "none" for discharge referrals, a category that includes referrals back to an existing provider.

Across the state, Ohio Scales showed an improvement on parent and worker rated functioning, 0.55 and 1.74 respectively. Decreases in problem scores of 1.82 points on parent-ratings and 2.88 points on worker-ratings were reported. Changes on all of the Ohio Scales scores were statistically significant except for the Parent Functioning score and Problem Severity score.

Completion rates of the Ohio scales at discharge for worker problem severity decreased by 3% while worker functioning decreased by 2% when compared to the same quarter in FY2015. A 3% decrease was also noticed for the completion rates for both parent scales when compared to Q4 FY2015.

<u>Satisfaction</u>: This quarter, 60 clients/families and 60 other referrers responded to the satisfaction survey; both groups gave favorable ratings to 211 and EMPS services. On a 5-point scale, **clients' average ratings of 211 and EMPS providers were 4.64 and 4.60**, respectively. Among **other referrers (e.g. schools, hospitals, DCF, etc.), the average ratings of 211 and EMPS were 4.63 and 4.61**, respectively. Qualitative comments (see Section IX) varied from very satisfied to minor dissatisfaction.

<u>Training Attendance</u>: The statewide average percentage of trainings completed by all active staff as of June 30, 2016 is 4%. The percentage of trainings completed decreased when compared to Q4 FY15 (26%) primarily due to the changes made to the training modules during FY2016.

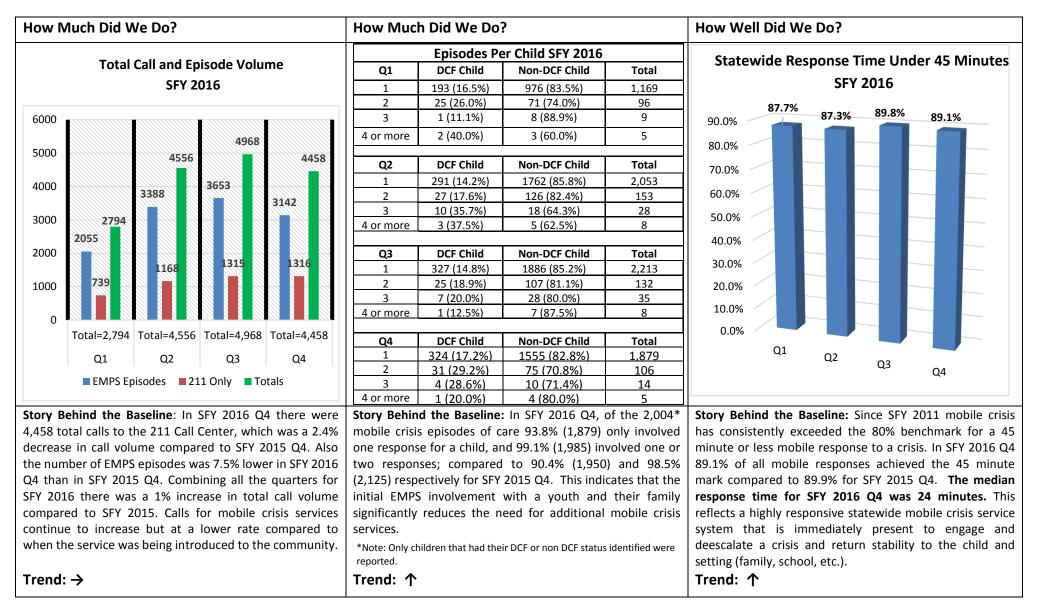
**<u>Community Outreach</u>**: This quarter, four of fourteen providers met the requirement of six outreaches per quarter.

### Section I: SFY 2016 Q4 RBA Report Card: EMPS Mobile Crisis Intervention Services

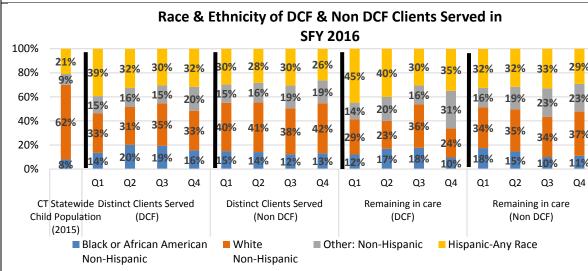
Quality of Life Result: Connecticut's children will live in stable environments, safe, healthy and ready to lead successful lives.

**Contribution to the Result:** EMPS Mobile Crisis Intervention Services are available for all Connecticut children and adolescents experiencing a mental health or behavioral crisis. Mobile crisis directly contributes to the result since it supports maintaining the safety and functional stability of children in the home and community. This is done through a rapid face to face crisis response with follow-up involvement and referral to community services as needed. The mobile crisis services provide an alternative, community based intervention, to youth visits to hospital emergency rooms, inpatient hospitalizations and police calls that could remove them from their home and potentially negatively impact their growth and success.

Program Expenditures: Estimated SFY 2016 State Funding: \$10,743,631



#### How Well Did We Do?

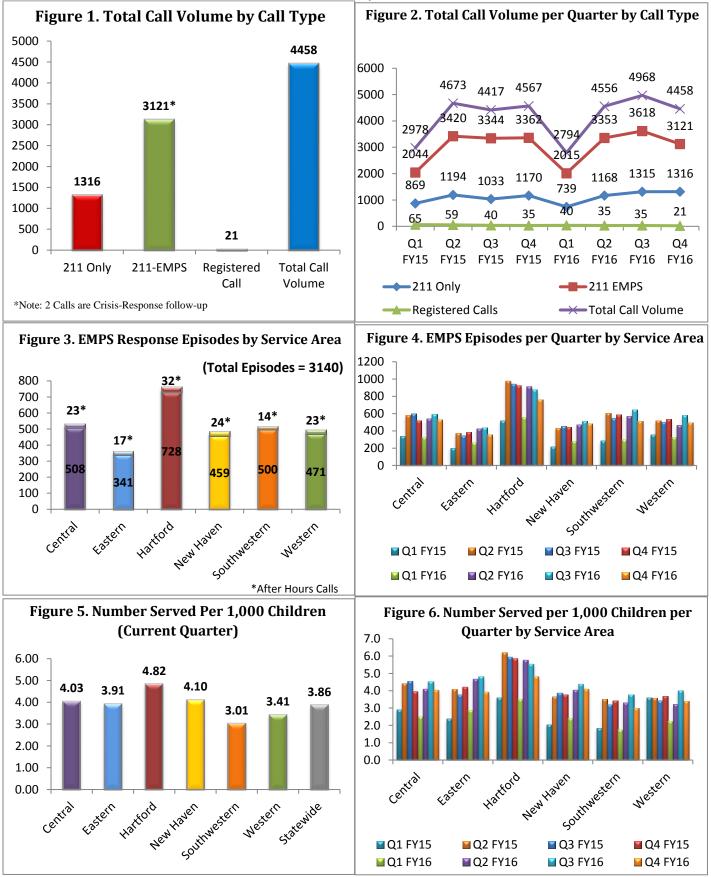


**Story Behind the Data:** The race and ethnicity of non-DCF children utilizing mobile crisis is more consistent with the DCF population of children served, not the statewide child population. Hispanic and Black DCF and Non-DCF involved children<sup>1,2</sup> access mobile crisis services at rates higher than the general population, while white DCF and Non-DCF involved children access the service at lower rates. Both Hispanic and Black DCF involved children utilize mobile crisis at higher rates than Non-DCF children, while the opposite is the case for white children. Non-DCF involved white children had the highest rates for remaining in care<sup>3</sup> at the end of SFY 2016 Q4.

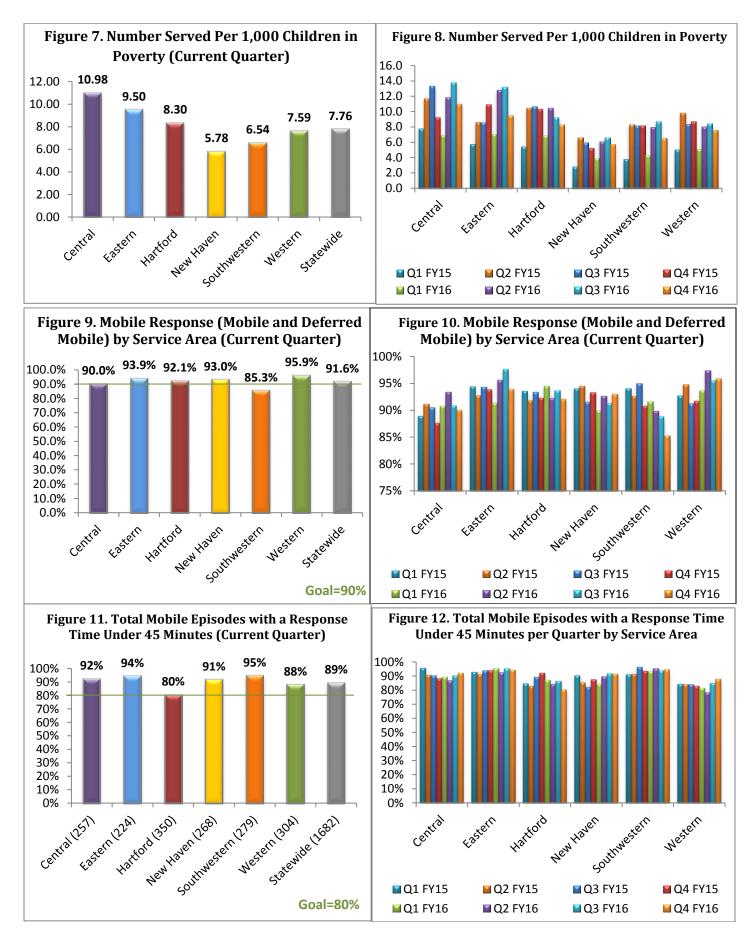
<sup>1</sup>Note: Only children that had their DCF or non DCF status identified were reported. <sup>2</sup>Note: For the Distinct Clients served some had multiple episodes as identified above in Episodes per Child. <sup>3</sup>Note: Remaining in Care represents an open EMPS episode at the end of the respective

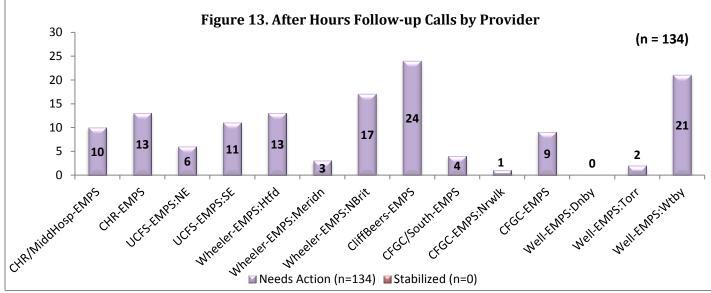
quarter. **Trend:** →

How Well Did We D	о?				Is Anyone Better Off?									
EMPS Provider Me	morand	lum of A	greemen	t with	% Clinicall	% Clinically Meaningful Change For Statewide Ohio Scale Scores								
Local S	Schools	- SFY 20	16				SFY 2016							
					Statewide Ohio Scale Scores	Q1	Q2	Q3	Q4					
	Q1	Q2	Q3	Q4	(based on paired intake and	% Clinically	% Clinically	% Clinically	% Clinically					
Number of CT School	202	202	202	202	discharge scores)	Meaningful	Meaningful	Meaningful	Meaningful					
Districts		= 0				Change	Change	Change	Change					
Number of         57         59         73         89           Completed MOA's         (28%)         (29%)         (36%)         (44%)						+ .0510	+ .0510	+ .0510	+ .0510					
Story Behind the Base	· · /	( = : )	1 1	· ·		* P < .05	* P < .05	* P < .05	* P < .05					
mobile crisis providers is						**P<0.01	**P < 0.01	**P < 0.01	**P < 0.01					
in their respective se	-				Parent Functioning	25.0% (n=44)**	12.5% (n=72)*	17.0% (n=47)*	4.1% (n=49)†					
Memorandum of Agreer					Worker Functioning	4.5% (n=375)**	6.7% (n=639)**	7.0% (n=604)**	8.5% (n=578) **					
providing mobile crisis so					Parent Problem Severity	20.0% (n=45)**	15.1% (n=73)**	15.6% (n=45)	12.2% (n=49) †					
each school. As of SFY 2 have been completed of					Worker Problem Severity	8.3% (n=373)**	7.5% (n=637)**	7.3% (n=603)**	10.0% (n=573)**					
This reflects a 56% incre					Total N	837	1421	1299	1249					
in Q4 of 2016 compared	to Q1 of	2016.			Story Behind the Data: The Ohi	o Youth Problems, Fu	nctioning, and Satisfac	tion Scales (Ohio Sca	les), assessing					
					behavioral health service outcom mobile crisis response. The pare				-					
					functioning and 8.5% decline in	child problem severit	y following mobile cris	sis involvement. This	reflects the					
					effectiveness of mobile crisis se	•	•		•					
					positive growth and success of y									
					quarters may be the result of sn	naller quarterly samp	les where more variab	ole scores can influenc	e the total score.)					
Trend: 个					Trend: 个		*Not	e: Asterisk (*) represents s	tatistical significance					
-					between EMPS providers and all s			lete the MOA's. Cont	inue to develop data					
regarding school district	and indiv	vidual scho	ool building	EMPS ut	lization. Continue to increase the	completion rates for	the Ohio Scales.							

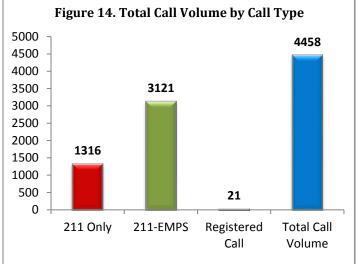


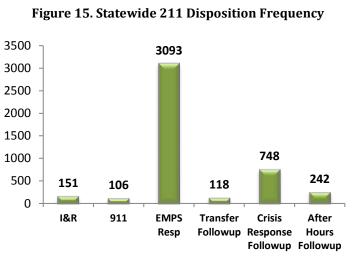
## Section II: EMPS Statewide/Service Area Dashboard

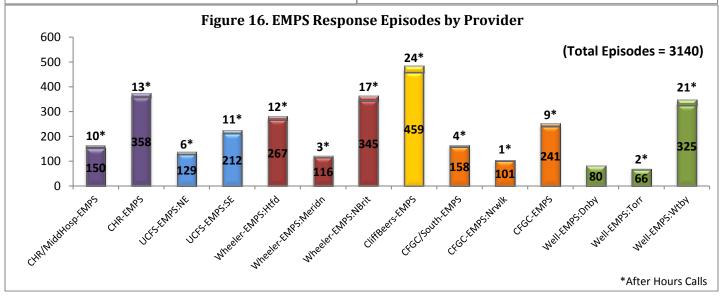


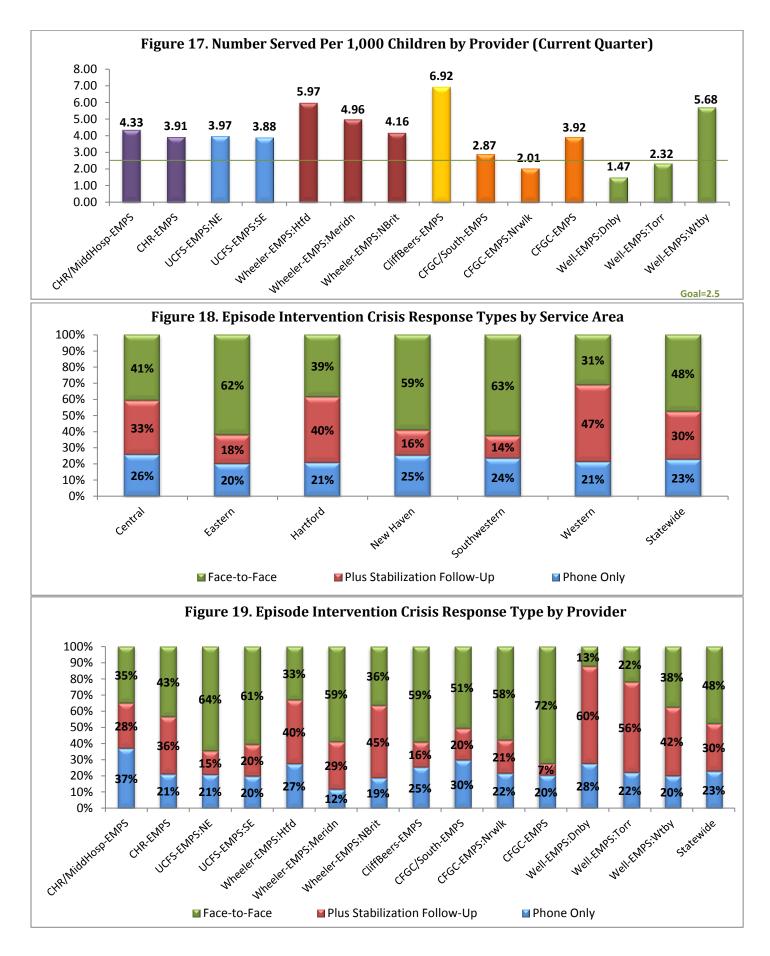


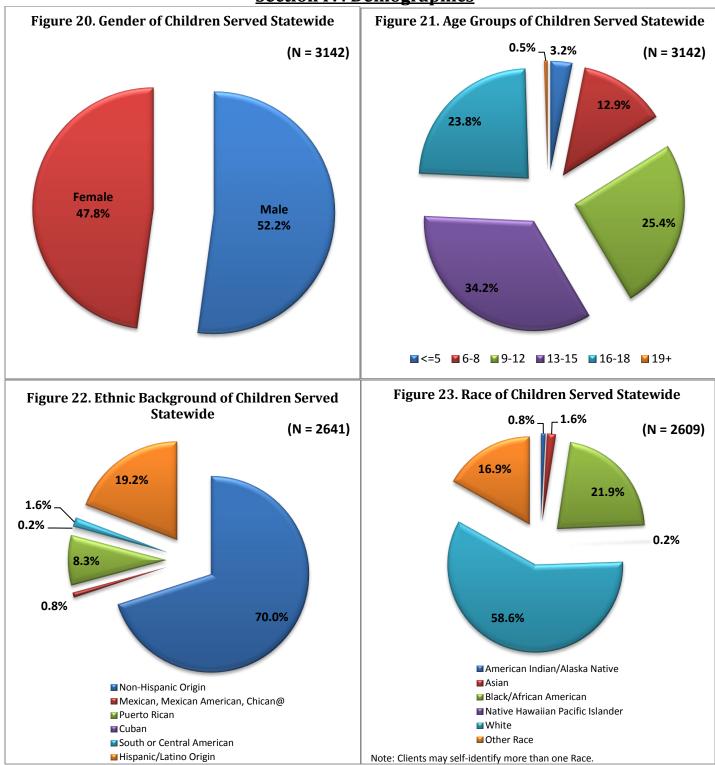






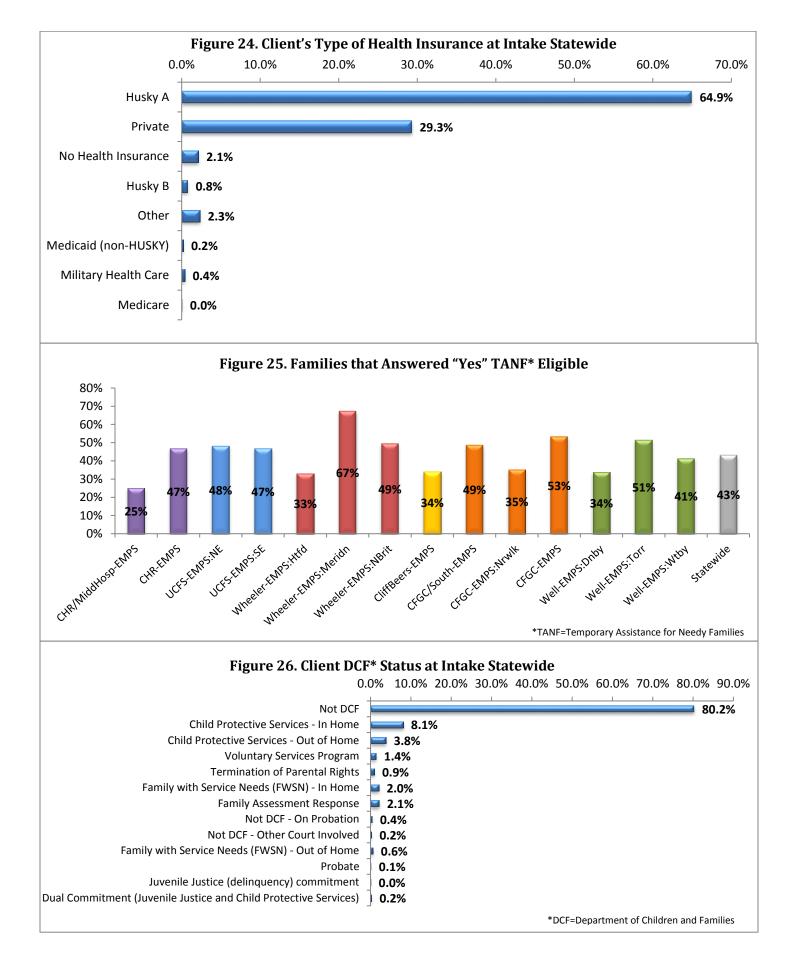


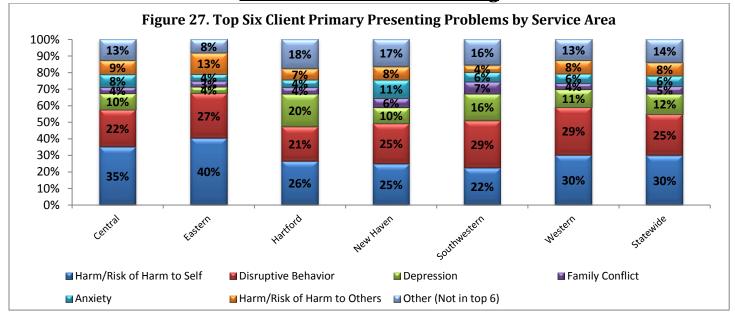




## **Section IV: Demographics**

Note: According to the U.S. Census Bureau, "[P]eople who identify their origin as Spanish, Hispanic, or Latino may be of any race...[R]ace is considered a separate concept from Hispanic origin (ethnicity) and, wherever possible, separate questions should be asked on each concept."





## **Section V: Clinical Functioning**

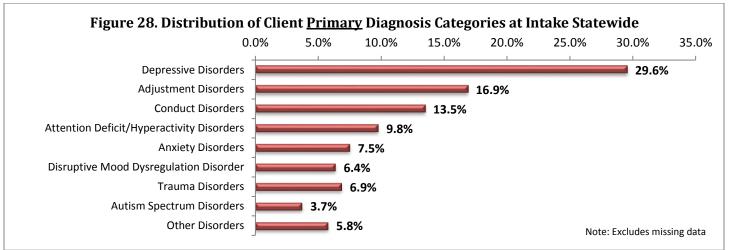
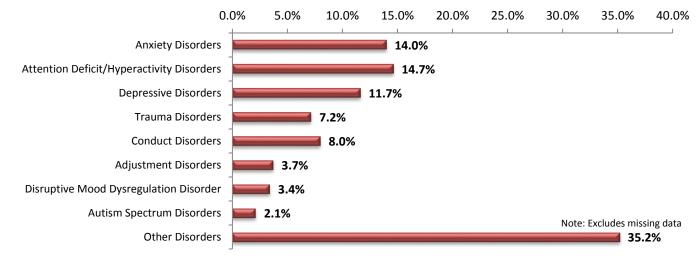
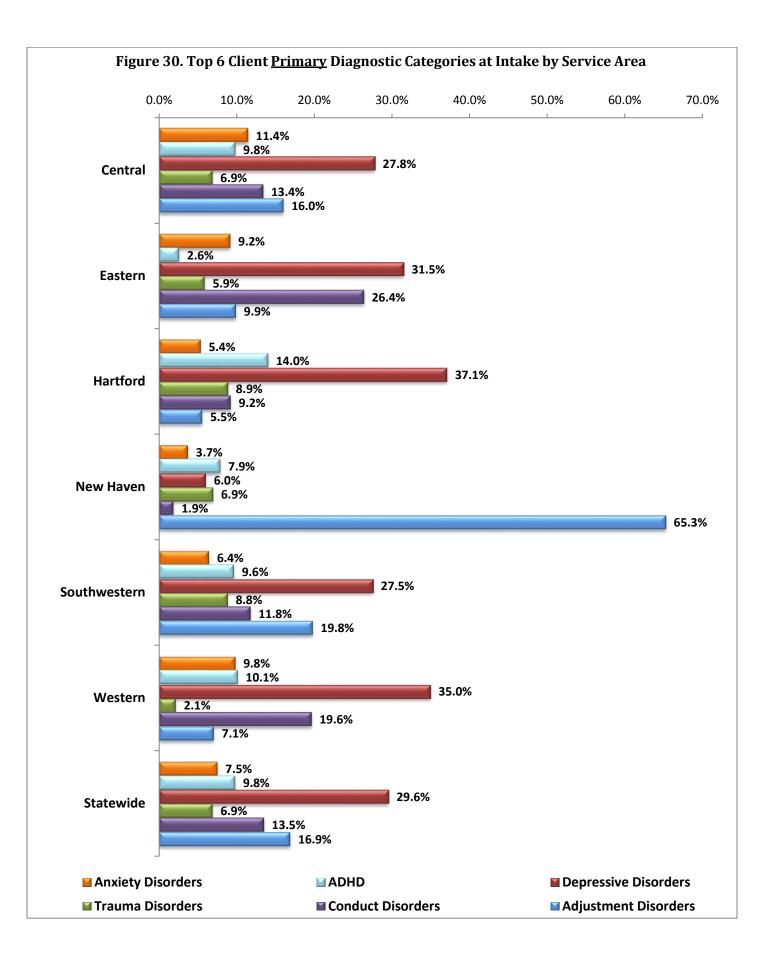
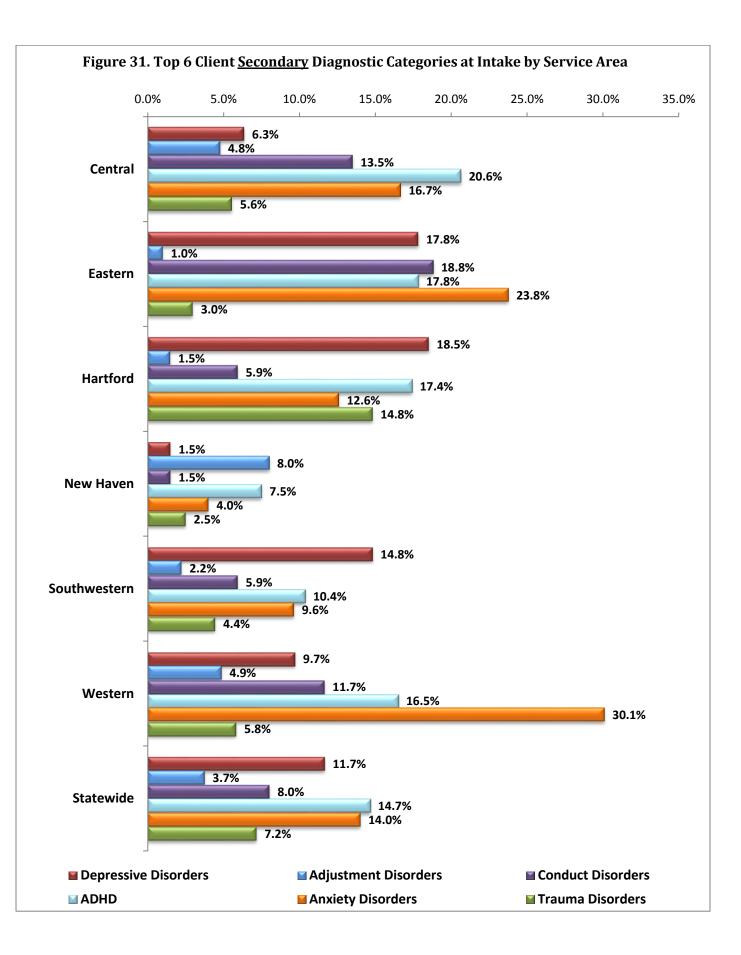
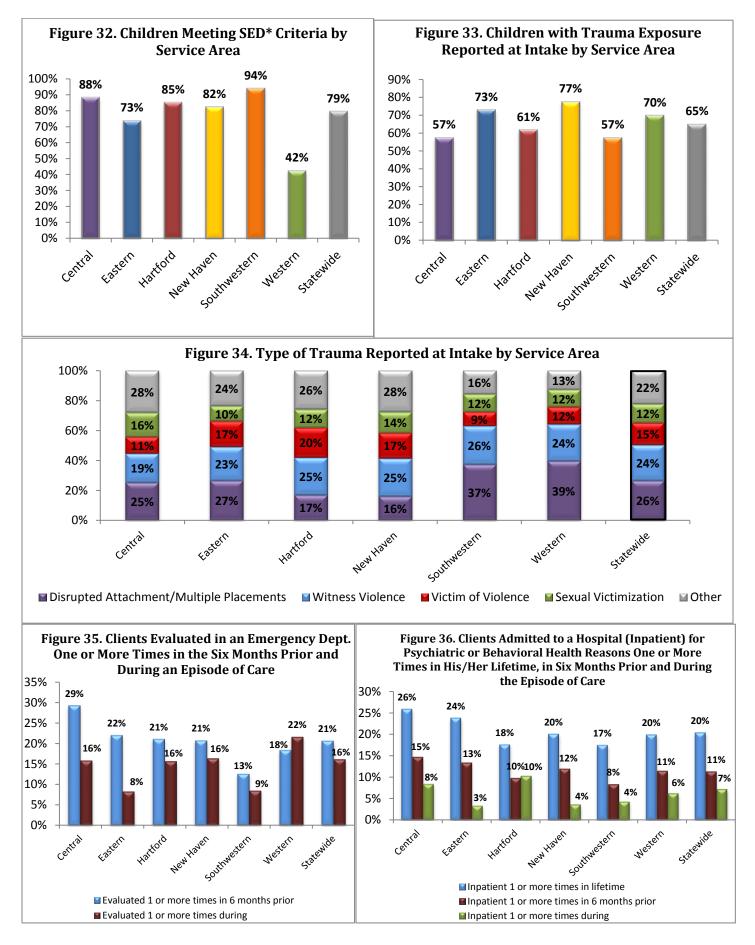


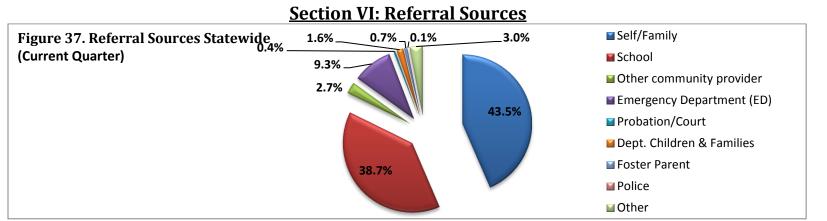
Figure 29. Distribution of Client Secondary Diagnosis Categories at Intake Statewide





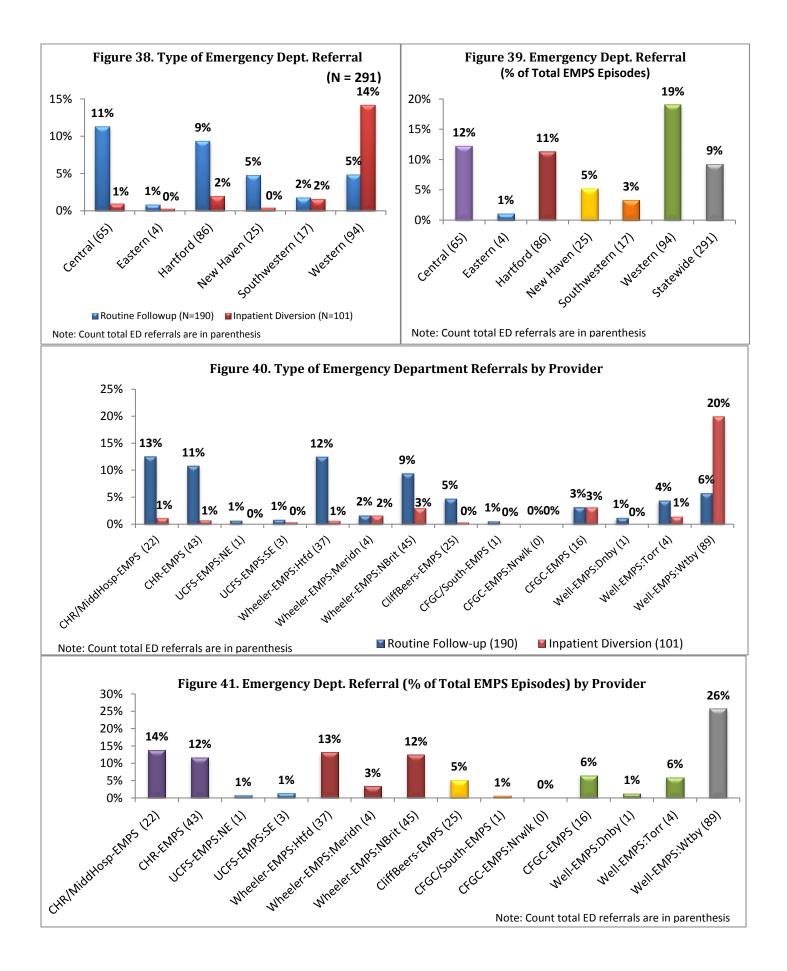


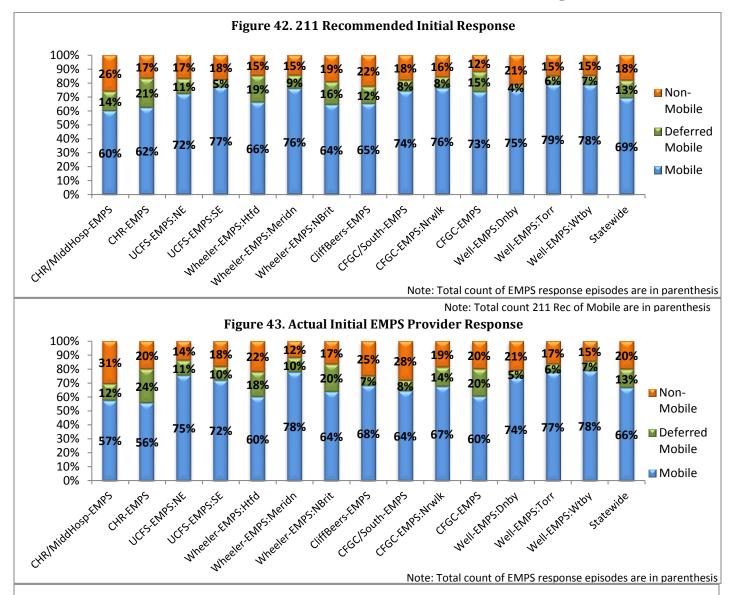




#### Table 1. Referral Sources (Q4 FY 2016)

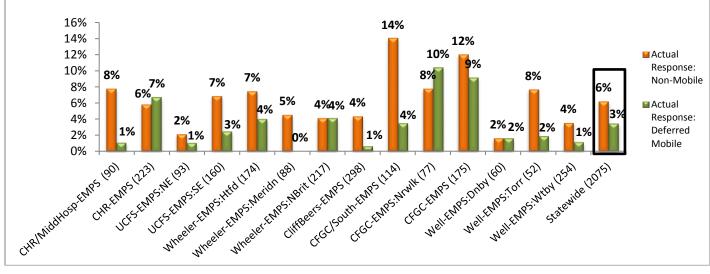
Table 1. Referral Source	- ()				r											
	Self/ Family	Family Adv.	School	Info- Line (211)	Other Prog. w/in Agency	Other Comm. Provider	Emer Dept. (ED)	Prob. or Court	Dept. of Child & Families (DCF)	Psych Hospital	Cong. Care Facility	Foster Parent	Police	Phys.	Comm. Nat. Supp.	Other State Agency
STATEWIDE	43.5%	0.2%	38.7%	0.0%	0.5%	2.7%	9.3%	0.4%	1.6%	1.4%	0.1%	0.7%	0.1%	0.4%	0.3%	0.2%
CENTRAL	45.0%	0.0%	34.1%	0.0%	0.4%	2.8%	12.2%	0.0%	1.3%	2.6%	0.0%	0.6%	0.0%	0.8%	0.2%	0.0%
CHR/MiddHosp-EMPS	45.6%	0.0%	34.4%	0.0%	0.6%	3.1%	13.8%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%
CHR-EMPS	44.7%	0.0%	34.0%	0.0%	0.3%	2.7%	11.6%	0.0%	1.3%	3.8%	0.0%	0.8%	0.0%	0.5%	0.3%	0.0%
EASTERN	50.0%	0.0%	39.4%	0.0%	1.1%	2.5%	1.1%	0.6%	1.1%	0.8%	0.3%	2.0%	0.0%	0.6%	0.6%	0.0%
UCFS-EMPS:NE	52.6%	0.0%	36.3%	0.0%	0.0%	2.2%	0.7%	0.7%	1.5%	1.5%	0.0%	3.7%	0.0%	0.0%	0.7%	0.0%
UCFS-EMPS:SE	48.4%	0.0%	41.3%	0.0%	1.8%	2.7%	1.3%	0.4%	0.9%	0.4%	0.4%	0.9%	0.0%	0.9%	0.4%	0.0%
HARTFORD	39.8%	0.3%	37.5%	0.0%	0.7%	3.7%	11.3%	0.4%	2.8%	2.5%	0.0%	0.4%	0.0%	0.1%	0.4%	0.3%
Wheeler-EMPS:Htfd	29.9%	0.0%	42.3%	0.0%	0.7%	5.3%	13.2%	0.4%	3.6%	3.2%	0.0%	0.7%	0.0%	0.4%	0.4%	0.0%
Wheeler-EMPS:Meridn	39.5%	0.8%	49.6%	0.0%	0.8%	2.5%	3.4%	0.8%	0.8%	0.8%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%
Wheeler-EMPS:NBrit	47.5%	0.3%	29.8%	0.0%	0.6%	2.8%	12.4%	0.3%	2.8%	2.5%	0.0%	0.0%	0.0%	0.0%	0.6%	0.6%
NEW HAVEN	51.6%	0.2%	37.9%	0.0%	0.2%	1.4%	5.2%	0.6%	1.4%	0.4%	0.0%	0.4%	0.2%	0.2%	0.0%	0.2%
CliffBeers-EMPS	51.6%	0.2%	37.9%	0.0%	0.2%	1.4%	5.2%	0.6%	1.4%	0.4%	0.0%	0.4%	0.2%	0.2%	0.0%	0.2%
SOUTHWESTERN	43.2%	0.4%	46.7%	0.0%	0.0%	2.1%	3.3%	0.2%	1.4%	0.6%	0.0%	1.0%	0.2%	0.8%	0.0%	0.2%
CFGC/South-EMPS	44.4%	1.2%	47.5%	0.0%	0.0%	1.2%	0.6%	0.0%	1.2%	0.6%	0.0%	1.2%	0.6%	1.2%	0.0%	0.0%
CFGC-EMPS:Nrwlk	51.0%	0.0%	40.2%	0.0%	0.0%	4.9%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%
CFGC-EMPS	39.2%	0.0%	48.8%	0.0%	0.0%	1.6%	6.4%	0.4%	0.8%	0.8%	0.0%	1.2%	0.0%	0.4%	0.0%	0.4%
WESTERN	35.4%	0.0%	37.7%	0.0%	0.8%	3.0%	19.0%	0.8%	0.8%	0.4%	0.2%	0.6%	0.2%	0.4%	0.4%	0.2%
Well-EMPS:Dnby	47.5%	0.0%	42.5%	0.0%	0.0%	5.0%	1.3%	2.5%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Well-EMPS:Torr	39.7%	0.0%	41.2%	0.0%	0.0%	4.4%	5.9%	0.0%	2.9%	1.5%	0.0%	1.5%	0.0%	1.5%	1.5%	0.0%
Well-EMPS:Wtby	31.8%	0.0%	35.8%	0.0%	1.2%	2.3%	25.7%	0.6%	0.3%	0.3%	0.3%	0.6%	0.3%	0.3%	0.3%	0.3%

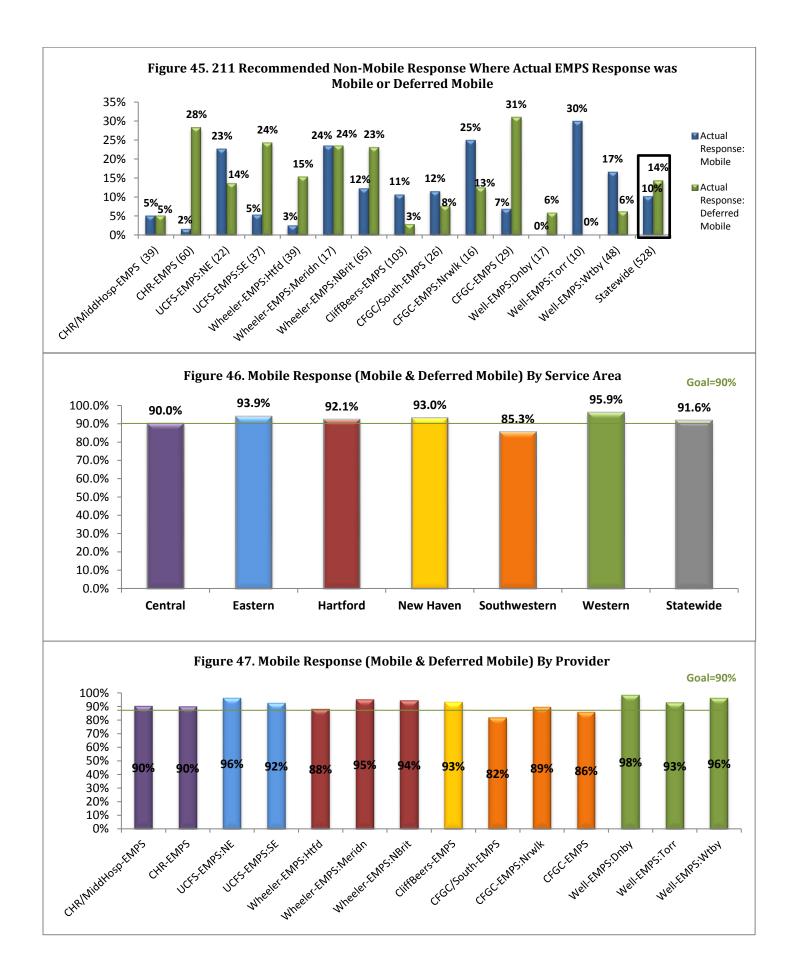


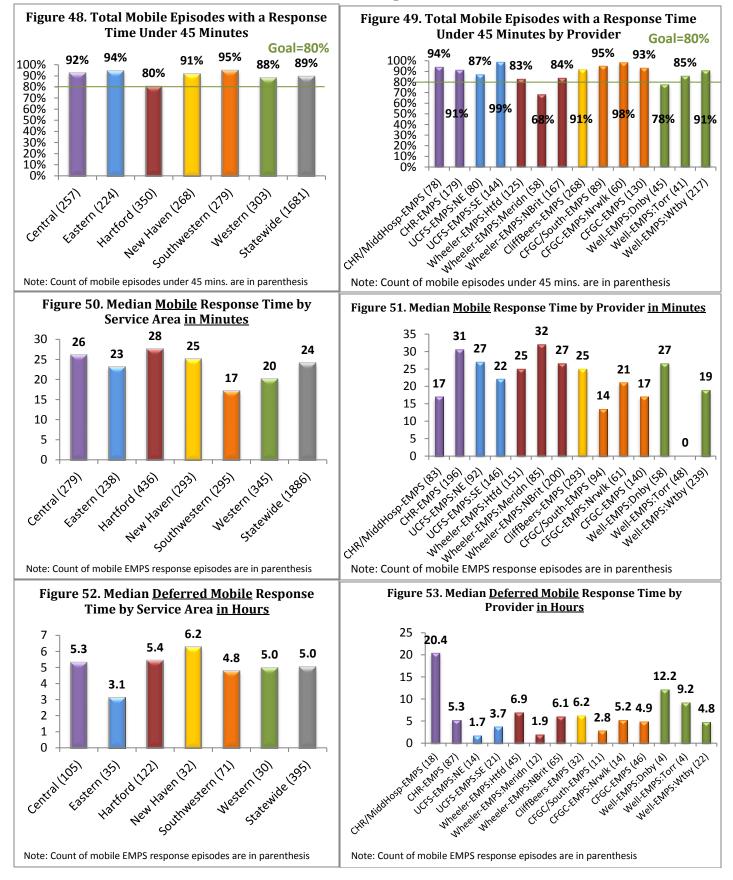


## Section VII: 211 Recommendations and EMPS Response

Figure 44. 211 Recommended Mobile Response Where Actual EMPS Response was Non-Mobile or Deferred Mobile







### Section VIII: Response Time

## Section IX: Length of Stay and Discharge Information

Table 2. Length of Stay for <u>Discharged Episodes</u> of Care in Days

	Table 2. Length of Stay for	A	B	<u>c</u>	D	E	F	G	Н	I	J	К	L	М	Ν	0	Р	Q	R
			Disc	harged E	pisodes fo	or Curr	ent Repor	ting Perio	od		Cumulative Discharged Episodes*								
			Mean		Median			Percent			Mean			Median			Percent		
		LOS: Phone	LOS: FTF	LOS: Stab.	LOS: Phone	LOS: FTF	LOS: Stab.	Phone >	FTF > 5	Stab. > 45	LOS: Phone	LOS: FTF	LOS: Stab.	LOS: Phone	LOS: FTF	LOS: Stab.	Phone > 1	FTF > 5	Stab. > 45
1	STATEWIDE	1.2	10.0	25.8	0.0	4.0	22.0	43%	41%	45 14%	0.9	<b>7.8</b>	22.6	0.0	3.0	19.0	11%	<b>33%</b>	45 <b>10%</b>
2	Central	2.2	12.9	28.7	0.0	5.0	27.0	80%	45%	20%	1.3	10.4	25.0	0.0	4.0	20.0	21%	41%	14%
3	CHR/MiddHosp-EMPS	4.2	3.1	13.6	2.0	2.0	10.0	55%	18%	0%	2.6	3.3	11.8	1.0	2.0	9.0	42%	15%	1%
4	CHR-EMPS	0.3	16.4	34.6	0.0	7.0	35.0	8%	55%	28%	0.3	12.8	29.4	0.0	5.0	27.0	6%	49%	19%
5	Eastern	0.0	2.5	25.3	0.0	2.0	23.0	6%	1%	4%	0.1	2.3	21.2	0.0	2.0	19.0	2%	1%	2%
6	UCFS-EMPS:NE	0.0	2.3	20.6	0.0	2.0	16.0	0%	0%	0%	0.1	2.3	17.7	0.0	2.0	16.0	1%	0%	0%
7	UCFS-EMPS:SE	0.1	2.6	27.1	0.0	2.0	24.5	0%	2%	6%	0.1	2.3	22.7	0.0	2.0	20.0	2%	1%	3%
8	Hartford	1.1	13.8	25.5	0.0	9.0	22.0	45%	58%	13%	1.0	10.8	21.6	0.0	5.0	18.0	11%	49%	9%
9	Wheeler-EMPS:Htfd	0.7	14.9	25.0	0.0	9.0	21.0	13%	57%	15%	0.8	11.4	22.6	0.0	7.0	19.0	13%	53%	11%
10	Wheeler-EMPS:Meridn	5.2	16.3	25.5	1.0	14.0	18.0	15%	84%	11%	1.5	9.1	17.4	0.0	5.0	15.0	6%	48%	3%
11	Wheeler-EMPS:NBrit	0.8	12.1	25.8	1.0	5.5	22.0	9%	50%	12%	1.0	10.8	22.1	1.0	4.0	17.0	10%	44%	10%
12	New Haven	0.6	8.5	38.2	0.0	3.0	31.0	19%	38%	31%	0.4	6.3	35.5	0.0	2.0	31.0	6%	32%	29%
13	CliffBeers-EMPS	0.6	8.5	38.2	0.0	3.0	31.0	9%	38%	31%	0.4	6.3	35.5	0.0	2.0	31.0	6%	32%	<b>29%</b>
14	Southwestern	0.3	11.2	22.9	0.0	6.0	22.0	29%	51%	2%	0.6	9.2	21.3	0.0	3.0	21.0	8%	43%	1%
15	CFGC/South-EMPS	0.3	1.0	17.6	0.0	0.0	12.0	4%	5%	6%	0.4	0.4	16.3	0.0	0.0	12.0	2%	2%	2%
16	CFGC-EMPS:Nrwlk	0.8	16.0	27.1	0.0	13.0	29.0	22%	75%	0%	0.7	12.9	25.2	0.0	8.0	27.0	15%	59%	0%
17	CFGC-EMPS	0.1	14.0	24.8	0.0	10.0	23.0	2%	64%	0%	0.7	13.1	24.5	0.0	8.0	24.0	9%	61%	0%
18	Western	3.2	11.0	20.5	0.0	3.0	17.0	71%	42%	10%	1.7	7.1	18.3	0.0	3.0	15.0	17%	33%	5%
19	Well-EMPS:Dnby	1.5	2.9	15.4	0.0	1.0	9.5	21%	29%	9%	1.9	8.4	15.2	0.0	5.5	12.0	22%	50%	4%
20	Well-EMPS:Torr	9.5	7.4	22.6	0.0	3.0	15.0	25%	36%	13%	2.7	5.9	18.0	0.0	2.0	14.0	19%	29%	6%
21	Well-EMPS:Wtby	2.0	12.2	21.4	0.0	3.0	18.0	21%	43%	9%	1.2	7.0	19.0	0.0	2.0	16.0	15%	30%	5%

\* Discharged episodes with end dates from July 1, 2015 to the end of the current reporting period.

Note: Blank cells indicate no data was available for that particular inclusion criteria

**Definitions:** 

LOS: Phone	Length of Stay in Days for Phone Only
LOS: FTF	Length of Stay in Days for Face To Face Only
LOS: Stab.	Length of Stay in Days for Stabilization Plus Follow-up Only
Phone > 1	Percent of episodes that are phone only that are greater than 1 day
FTF > 5	Percent of episodes that are face to face that are greater than 5 days
Stab. > 45	Percent of episodes that are stabilization plus follow-up that are greater than 45 days

	Table 5. Number of Episodes in	A	B	с	D	E	F	G	н	1	1	к		
				Episodes	-			G			,	ĸ		
		2.50		-	riod	enenep	Cumulative Discharged Episodes*							
		N used	Mean/I	Median	N us	sed for P	ercent	N used	d Mean/Me	edian	N use	N used for Percent		
		LOS: Phone	LOS: FTF	LOS: Stab.	Phone > 1	FTF > 5	Stab. > 45	LOS: Phone	LOS: FTF	LOS: Stab.	Phone >1	FTF > 5	Stab. > 45	
1	STATEWIDE	677	1463	1000	292	593	136	2601	5474	3759	292	1831	363	
2	Central	123	211	178	98	96	36	476	833	589	98	340	83	
3	CHR/MiddHosp-EMPS	58	56	50	32	10	0	192	208	149	81	31	1	
4	CHR-EMPS	65	155	128	5	86	36	284	625	440	17	309	82	
5	Eastern	72	232	69	4	3	3	263	986	226	4	9	5	
6	UCFS-EMPS:NE	28	90	19	0	0	0	88	378	66	1	1	0	
7	UCFS-EMPS:SE	44	142	50	0	3	3	175	608	160	3	8	5	
8	Hartford	150	280	334	67	163	43	620	1014	1438	67	495	130	
9	Wheeler-EMPS:Htfd	72	99	109	9	56	16	283	469	485	38	250	51	
10	Wheeler-EMPS:Meridn	13	49	35	2	41	4	95	132	187	6	63	5	
11	Wheeler-EMPS:NBrit	65	132	190	6	66	23	242	413	766	23	182	74	
12	New Haven	122	304	91	23	117	28	411	963	347	23	312	99	
13	CliffBeers-EMPS	122	304	91	11	117	28	411	963	347	23	312	99	
14	Southwestern	119	335	85	35	172	2	452	1230	308	35	527	3	
15	CFGC/South-EMPS	46	84	32	2	4	2	178	372	128	4	8	3	
16	CFGC-EMPS:Nrwlk	23	68	29	5	51	0	101	199	85	15	117	0	
17	CFGC-EMPS	50	183	24	1	117	0	173	659	95	16	402	0	
18	Western	91	101	243	65	42	24	379	448	851	65	148	43	
19	Well-EMPS:Dnby	19	7	44	4	2	4	76	76	108	17	38	4	
20	Well-EMPS:Torr	16	11	45	4	4	6	81	49	159	15	14	10	
21	Well-EMPS:Wtby	56	83	154	12	36	14	222	323	584	33	96	29	

Table 3. Number of Episodes for <u>Discharged Episodes</u> of Care

\* Discharged episodes with end dates from July 1, 2015 to the end of the current reporting period.

Note: Blank cells indicate no data was available for that particular inclusion criteria

#### **Definitions:**

LOS: Phone	Length of Stay in Days for Phone Only
LOS: FTF	Length of Stay in Days for Face To Face Only
LOS: Stab.	Length of Stay in Days for Stabilization Plus Follow-up Only
Phone > 1	Percent of episodes that are phone only that are greater than 1 day
FTF > 5	Percent of episodes that are face to face that are greater than 5 days
Stab. > 45	Percent of episodes that are stabilization plus follow-up that are greater than 45 days

#### Table 4. Length of Stay for <u>Open Episodes</u> of Care in Days

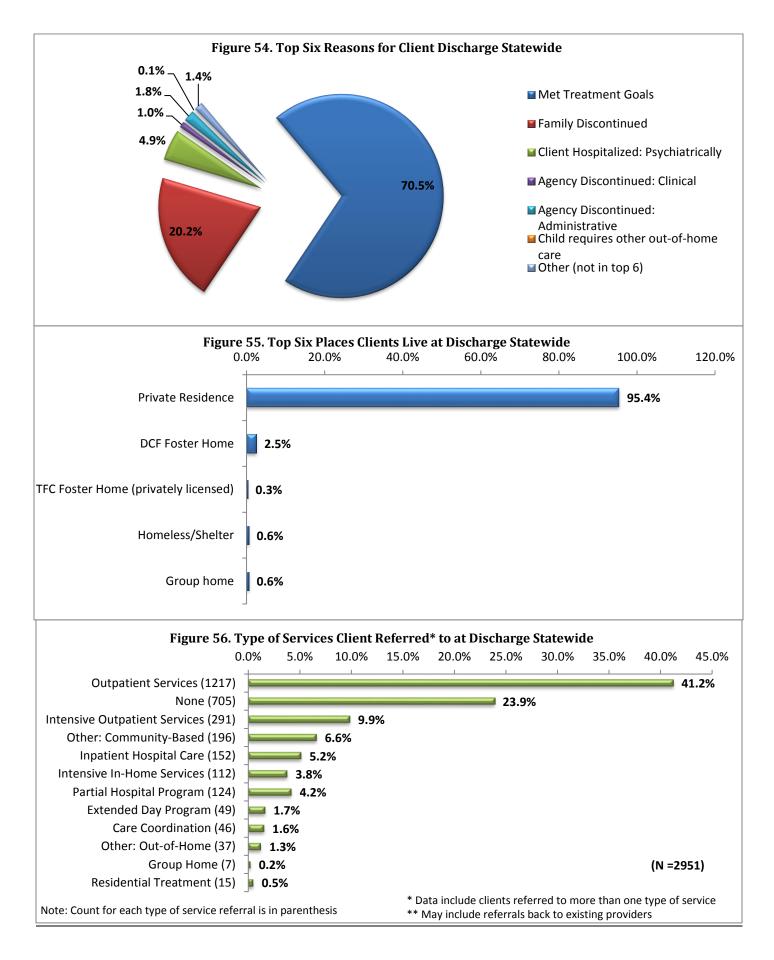
	Table 4. Length of Stay for Open Li	<u>130465</u> 01	cure in E	Juys													
		А	В	С	D	E	F	G	Н	Ι	J	к	L	М	Ν	0	
			Episodes Still in Care*								N of Episodes Still in Care*						
												N used					
			Mean			Media	n		Percent		Me	ean/Med	lian	N used for Percent			
		LOS: Phone	LOS: FTF	LOS: Stab.	LOS: Phone	LOS: FTF	LOS: Stab.	Phone > 1	FTF > 5	Stab. > 45	LOS: Phone	LOS: FTF	LOS: Stab.	Phone > 1	FTF > 5	Stab. > 45	
1	STATEWIDE	66.5	56.3	50.3	64.0	57.0	48.0	100%	100%	53%	42	191	213	42	191	113	
2	Central	69.4	53.7	50.3	63.0	55.0	45.0	100%	100%	47%	13	41	47	13	41	22	
3	CHR/MiddHosp-EMPS	0.0	41.5	40.5	0.0	41.5	40.5		100%	0%	0	2	2	0	2	0	
4	CHR-EMPS	69.4	54.3	50.7	63.0	56.0	45.0	100%	100%	49%	13	39	45	13	39	22	
5	Eastern	0.0	0.0	31.0	0.0	0.0	28.0			17%	0	0	6	0	0	1	
6	UCFS-EMPS:NE	0.0	0.0	37.0	0.0	0.0	37.0			33%	0	0	3	0	0	1	
7	UCFS-EMPS:SE	0.0	0.0	25.0	0.0	0.0	22.0			0%	0	0	3	0	0	0	
8	Hartford	56.2	55.6	50.1	56.0	58.5	47.5	100%	100%	51%	9	62	92	9	62	47	
9	Wheeler-EMPS:Htfd	56.8	53.1	56.2	65.5	60.0	56.0	100%	100%	65%	4	20	40	4	20	26	
10	Wheeler-EMPS:Meridn	107.0	65.7	53.9	107.0	66.0	62.0	100%	100%	60%	1	25	15	1	25	9	
11	Wheeler-EMPS:NBrit	43.0	43.6	41.8	46.0	39.0	38.0	100%	100%	32%	4	17	37	4	17	12	
12	New Haven	0.0	39.0	50.5	0.0	35.0	50.5		100%	64%	0	9	22	0	9	14	
13	CliffBeers-EMPS	0.0	39.0	50.5	0.0	35.0	50.5		100%	64%	0	9	22	0	9	14	
14	Southwestern	35.0	42.5	42.8	35.0	35.0	41.0	100%	100%	20%	2	13	5	2	13	1	
15	CFGC/South-EMPS	48.0	44.0	44.0	48.0	44.0	43.0	100%	100%	25%	1	2	4	1	2	1	
16	CFGC-EMPS:Nrwlk	0.0	32.0	38.0	0.0	32.0	38.0		100%	0%	0	2	1	0	2	0	
17	CFGC-EMPS	22.0	44.4	0.0	22.0	36.0	0.0	100%	100%	!	1	9	0	1	9	0	
18	Western	73.2	63.7	54.7	74.0	63.0	57.0	100%	100%	68%	18	66	41	18	66	28	
19	Well-EMPS:Dnby	91.0	56.3	54.4	99.0	55.0	56.0	100%	100%	75%	3	3	12	3	3	9	
20	Well-EMPS:Torr	71.5	70.9	64.2	71.5	70.0	63.0	100%	100%	0%	2	8	5	2	8	3	
21	Well-EMPS:Wtby	69.3	63.1	52.9	70.0	63.0	55.0	100%	100%	67%	13	55	24	13	55	16	
																6	

\* Data includes episodes still in care with referral dates from July 1, 2015 to end of current reporting period.

Note: Blank cells indicate no data was available for that particular inclusion criteria

#### **Definitions:**

Definitions	
LOS: Phone	Length of Stay in Days for Phone Only
LOS: FTF	Length of Stay in Days for Face To Face Only
LOS: Stab.	Length of Stay in Days for Stabilization Plus Follow-up Only
Phone > 1	Percent of episodes that are phone only that are greater than 1 day
FTF > 5	Percent of episodes that are face to face that are greater than 5 days
Stab. > 45	Percent of episodes that are stabilization plus follow-up that are greater than 45 days



	N (paired <sup>,</sup> intake &	Mean (naive de	Mean (a sins de	Mean Difference (paired <sup>,</sup>			†.0510 * P <.05
Service Area	discharge)	(paired <sup>,</sup> intake)	(paired <sup>,</sup> discharge)	(pairea <sup>,</sup> cases)	t-score	Sig.	**P < .01
STATEWIDE	uischurgej	makey	uischurgej	cusesy	1-30070	Jig.	
Parent Functioning Score	49	43.35	43.90	0.55	0.32	0.749	
Worker Functioning Score	578	43.13	44.87	1.74	6.39	0.000	**
Parent Problem Score	49	29.73	27.92	-1.82	-0.90	0.372	
Worker Problem Score	573	29.41	26.53	-2.88	-9.41	0.000	**
Central							
Parent Functioning Score	23	40.70	39.52	-1.17	-0.52	0.605	
Worker Functioning Score	112	42.61	45.79	3.18	4.76	0.000	**
Parent Problem Score	23	34.26	33.78	-0.48	-0.15	0.878	
Worker Problem Score	111	28.14	23.41	-4.73	-5.34	0.000	**
Eastern							
Parent Functioning Score	16	43.88	48.25	4.38	1.27	0.223	
Worker Functioning Score	55	43.24	45.49	2.25	2.43	0.018	*
Parent Problem Score	17	26.88	23.35	-3.53	-0.87	0.395	
Worker Problem Score	55	30.76	26.96	-3.80	-2.78	0.007	**
Hartford							
Parent Functioning Score	0						N/A
Worker Functioning Score	170	42.46	42.23	-0.24	-0.48	0.635	
Parent Problem Score	0						N/A
Worker Problem Score	169	28.28	27.92	-0.36	-1.05	0.294	
New Haven							
Parent Functioning Score	5	44.20	42.60	-1.60	-0.24	0.822	
Worker Functioning Score	50	43.72	44.70	0.98	0.71	0.479	
Parent Problem Score	5	29.40	26.80	-2.60	-0.83	0.452	
Worker Problem Score	50	28.78	22.58	-6.20	-4.49	0.000	**
Southwestern							
Parent Functioning Score	0						N/A
Worker Functioning Score	27	42.93	46.93	4.00	3.70	0.001	**
Parent Problem Score	2	8.00	5.50	-2.50	-1.67	0.344	
Worker Problem Score	27	30.04	25.33	-4.70	-2.40	0.024	*
Western							
Parent Functioning Score	2	55.50	47.50	-8.00	-1.00	0.500	
Worker Functioning Score	164	43.99	46.50	2.51	7.36	0.000	**
Parent Problem Score	0						N/A
Worker Problem Score	161	31.11	28.51	-2.60	-8.00	0.000	**

paired<sup>1</sup> = Number of cases with both intake and discharge scores

**†** .05-.10,

\* P < .05,

\*\*P < .01

## Section X: Client & Referral Source Satisfaction

#### Table 6. Client and Referrer Satisfaction for 211 and EMPS (Current Quarter)\*

211 Items	Clients (n=60)	Referrers (n=60)
The 211 staff answered my call in a timely manner	4.58	4.54
The 211 staff was courteous	4.70	4.71
The 211 staff was knowledgeable	4.68	4.71
My phone call was quickly transferred to the EMPS provider	4.58	4.56
Sub-Total Mean: 211	4.64	4.63
EMPS Items		
EMPS responded to the crisis in a timely manner	4.57	4.53
The EMPS staff was respectful	4.67	4.69
The EMPS staff was knowledgeable	4.65	4.63
The EMPS staff spoke to me in a way that I understood	4.67	Х
EMPS helped my child/family get the services needed or made contact with my current service provider (if you had one at the time you called EMPS)	4.52	х
The services or resources my child and/or family received were right for us	4.48	Х
The child/family I referred to EMPS was connected with appropriate services or resources upon discharge from EMPS	x	4.56
Overall, I am very satisfied with the way that EMPS responded to the crisis	4.62	4.63
Sub-Total Mean: EMPS	4.60	4.61
Overall Mean Score	4.61	4.63

\* All items collected by 211, in collaboration with the PIC and DCF; measured on a scale of 5 (Strongly Agree) to 1 (Strongly Disagree)

#### **Client Comments:**

\*Grateful for the help. Thank you.

\*Helpful that I was able to talk with someone over the phone right away.

\*Thank you for taking the time to speak with us.

\*I wasn't sure what to do but it was helpful that I could speak with someone for help.

\*Thank you for your patience and for speaking with us late at night.

\*Helpful to get some guidance on what to do next.

\*I had concerns about my daughter and was able to schedule an appointment for later during the day. Thank you

\*So glad I was able to speak with someone even though no one could come out.

#### **Referrer Comments:**

\*EMPS is a really great resource.

- \*Great service for consultation.
- \*Thank you for coming out to meet.
- \*You guys are always great... thank you.
- \*Responsive and respectful.
- \*I didn't realize you guys were open earlier and could come out to the school earlier.
- \*Always helpful to have this referral as support for families.
- \*I was able to schedule for a later time which was helpful.
- \*Great service support while the family awaits their appointments. Thanks.

## **Section XI: Training Attendance**

#### Table 7. Trainings Completed for All Active\* Staff

	DBHRN	Crisis API	DDS	CCSRS	Trauma	Violence	CRC	Str. Based	Emerg. Certificate	QPR	A-SBIRT	All 11 Trainings Completed	All 11 Completed for Full- Time Staff Only
Statewide (160)*	50%	60%	19%	30%	59%	48%	50%	55%	59%	20%	45%	4%	4%
CHR/MiddHosp-EMPS(13)*	62%	54%	31%	31%	77%	85%	46%	54%	62%	31%	23%	0%	0%
CHR-EMPS (13)*	23%	46%	8%	77%	38%	38%	46%	46%	38%	8%	46%	0%	0%
UCFS-EMPS:NE (7)*	71%	71%	0%	57%	43%	43%	29%	43%	71%	29%	14%	0%	0%
UCFS-EMPS:SE (13)*	54%	54%	8%	54%	46%	31%	38%	46%	54%	0%	23%	0%	0%
Wheeler-EMPS:Htfd (17)*	53%	76%	41%	0%	76%	59%	76%	65%	82%	41%	41%	0%	0%
Wheeler-EMPS:Meridn (6)*	67%	83%	50%	83%	83%	67%	67%	83%	83%	83%	67%	0%	0%
Wheeler-EMPS:NBrit (18)*	39%	44%	0%	6%	44%	28%	39%	56%	44%	0%	33%	0%	0%
CliffBeers-EMPS (18)*	72%	72%	39%	50%	67%	39%	61%	67%	67%	39%	72%	11%	13%
CFGC/South-EMPS (11)*	55%	64%	9%	0%	64%	27%	45%	55%	64%	0%	55%	0%	0%
CFGC-EMPS:Nrwlk (4)*	75%	75%	25%	75%	100%	100%	75%	75%	75%	25%	25%	25%	33%
CFGC-EMPS (14)*	71%	71%	21%	43%	79%	79%	71%	71%	79%	36%	57%	14%	0%
Well-EMPS:Dnby (6)*	33%	50%	17%	0%	33%	17%	17%	17%	17%	0%	50%	0%	0%
Well-EMPS:Torr (3)*	0%	67%	0%	0%	67%	67%	67%	67%	67%	0%	67%	0%	0%
Well-EMPS:Wtby (17)*	41%	59%	12%	6%	65%	53%	53%	59%	59%	12%	59%	6%	9%
Full-Time Staff Only (106)	58%	65%	19%	37%	62%	48%	57%	60%	64%	21%	55%	4%	

Note: Count of active staff for each provider or category is in parenthesis

\* Includes all active full-time, part-time and per diem staff

#### Training Title Abbreviations:

DBHRN=Disaster Behavioral Health Response Network

Crisis API = Crisis Assessment, Planning and Intervention

DDS=An Overview of Intellectual Developmental Disabilities and Positive Behavioral Supports

CSSRS=Columbia Suicide Severity Rating Scale

Trauma = Traumatic Stress and Trauma Informed Care

Violence = Violence Assessment and Prevention

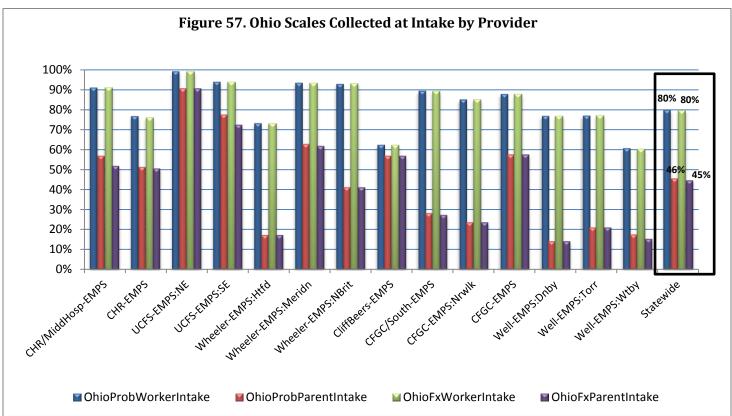
Str Based = Strengths-Based Crisis Planning

CRC = 21st Century Culturally Responsive Mental Health Care

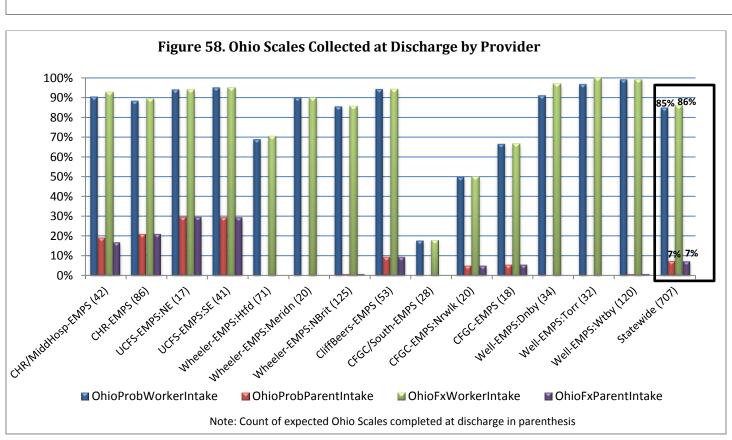
Emerg. Certificate = Emergency Certificate

QPR= Question, Persuade and Refer

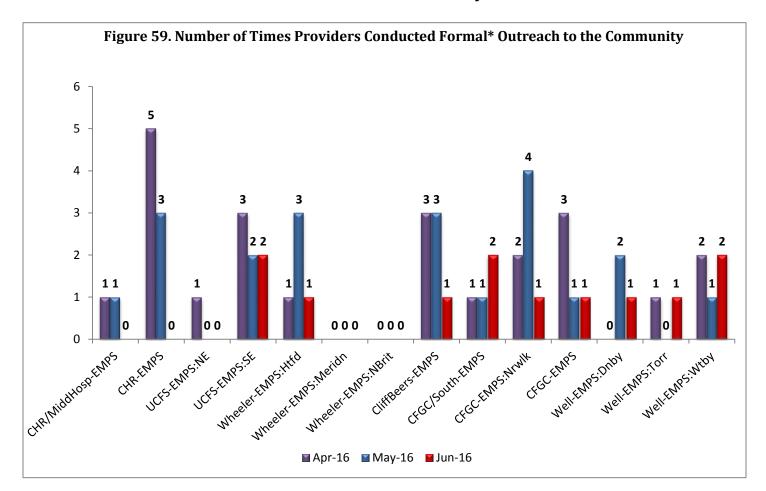
A-SBIRT- Adolescent Screening, Brief Intervention and Referral to Treatment



## Section XII: Data Quality Monitoring



31



## Section XIII: Provider Community Outreach

\*Formal outreach refers to: 1) In person presentations lasting 30 minutes, preferably more, using the EMPS PowerPoint slides and including distribution to attendees of marketing materials and other EMPS resources; 2) Outreach presentations that are in person that include workshops, conferences, or similar gatherings in which EMPS is discussed for at least an hour or more; 3) Outreach presentations that are not in person which may include workshops, conferences, or similar gatherings in which the EMPS marketing video, banner, and table skirt are set up for at least 2 hours with marketing materials made available to those who would like them; 4) The EMPS PIC considers other outreaches for inclusion on a case-by-case basis, as requested by EMPS providers.