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The EMPS Crisis Intervention Services Performance Improvement Center is housed at the Child Health and Development Institute's Connecticut Center for Effective Practice
Executive Summary

Additional data and appendices are available online http://www.chdi.org/news-detail.php?id=33 or contact Jeffrey Vanderploeg, PhD, jvanderploeg@uchc.edu for more information.

Call and Episode Volume: In July 2013, 211 received 763 calls including 505 calls (66%) handled by EMPS providers and 258 calls (34%) handled by 211 (e.g., calls for other information or resources, calls transferred to 911). This month represents a 35% increase in call volume compared with July 2012 (n=565).

Among the 505 episodes of care generated this month, episode volume ranged from 45 episodes (Eastern service area) to 140 episodes (Hartford service area). The statewide average service reach per 1,000 children this month was .62, with service area rates ranging from 0.32 (Southwestern) to 0.85 (Hartford) relative to their specific child populations. 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 1.01 per 1,000 children in poverty, with service area rates ranging from 0.45 (Southwestern) to 1.67 (Western).

Mobility: Statewide mobility was 87.3% this month, 6.7% lower than in July 2012. Two of the six service areas were above the 90% benchmark this month, with performance ranging from 80.6% (Southwestern) to 96.2% (Eastern). Mobility for individual providers ranged from 74% (Child & Family Guidance Center-Bridgeport) to 100% (United Community & Family Services-NE and Child & Family Guidance Center-Norwalk). Nine of the fifteen individual providers had mobility rates above the 90% benchmark.

Response Time: Statewide, this month 83% of mobile episodes received a face-to-face response in 45 minutes or less, which is 4% lower than July 2012 (87%). Four service areas were above the 80% benchmark this month, with performance ranging from 66% (Central) to 100% (Southwestern). In addition, the statewide median mobile response time was 26 minutes. Nine sites met the benchmark of at least 80% of mobile responses provided in 45 minutes or less.

Length of Stay (LOS): Statewide, among discharged episodes, no plus stabilization follow-up episodes exceeded 45 days. This month the statewide median LOS for discharged episodes with a crisis response of plus stabilization follow-up was 9.0 days. The median LOS for discharged episodes with a crisis response of plus stabilization follow-up ranged from 7.0 days (Western) to 17.0 days (Southwestern).
Section I: EMPS Statewide/Service Area Dashboard

Figure 1. Total Call Volume by Call Type

- 211 Only: 258
- 211 EMPS: 491
- Registered Calls: 14
- Total Call Volume: 763

Figure 2. EMPS Episodes by Service Area (Total Episodes = 505)

- Central: 5* (101)
- Eastern: 5* (40)
- Hartford: 16* (118)
- New Haven: 2* (67)
- Southwestern: 3* (51)
- Western: 5* (92)

Figure 3. Number Served Per 1,000 Children

- Central: 0.80
- Eastern: 0.49
- Hartford: 0.59
- New Haven: 0.32
- Southwestern: 0.67
- Western: 0.62
- Statewide: ""

Figure 4. Number Served Per 1,000 Children in Poverty

- Central: 0.83
- Eastern: 1.12
- Hartford: 1.09
- New Haven: 1.09
- Southwestern: 0.45
- Western: 1.67
- Statewide: 1.01

Figure 5. Mobile Response by Service Area

- Central: 84.9%
- Eastern: 96.2%
- Hartford: 89.3%
- New Haven: 92.2%
- Southwestern: 80.6%
- Western: 83.3%
- Statewide: 87.3%

Goal=90%

Figure 6. Total Mobile Episodes with a Response Time Under 45 Minutes

- Central (27): 66%
- Eastern (28): 97%
- Hartford (61): 86%
- New Haven (27): 71%
- Southwestern (28): 100%
- Western (54): 86%
- Statewide (225): 83%

Goal=80%
Section II: EMPS Response

Figure 7. Statewide 211 Disposition Frequency

Figure 8. EMPS Episodes by Provider (Total Episodes = 505)

Figure 9. Actual Initial EMPS Response by Provider

Figure 10. Mobile Response by Provider

Note: Total count of EMPS response episodes are in parenthesis.
Section III: Response Time

Figure 11. Mobile Episodes with Response Time Under 45 Minutes

Central (24) 69% 96% 100%
Eastern (26) 96% 92% 92%
Hartford (22) 90% 100% 96%
New Haven (24) 71% 81% 81%
Southwestern (23) 84% 67% 71%
Western (62) 84% 100% 100%
Statewide (159) 84% 100% 100%

Goal = 80%

Note: Count of mobile episodes under 45 mins. are in parenthesis

Figure 12. Mobile Episodes with Response Time Under 45 Minutes by Provider

Central (24) 69% 96% 100%
Eastern (26) 96% 92% 92%
Hartford (22) 90% 100% 96%
New Haven (24) 71% 81% 81%
Southwestern (23) 84% 67% 71%
Western (62) 84% 100% 100%
Statewide (159) 84% 100% 100%

Goal = 80%

Note: Count of mobile episodes under 45 mins. are in parenthesis

Section IV: Emergency Department Referrals

Figure 13. Median Mobile Response Time in Minutes

Central (24) 39
Eastern (26) 23
Hartford (22) 26
New Haven (24) 30
Southwestern (23) 22
Western (62) 19
Statewide (159) 26

Note: Count of mobile EMPS response episodes are in parenthesis

Figure 14. Median Mobile Response Time by Provider in Minutes

Central (24) 15
Eastern (26) 23
Hartford (22) 24
New Haven (24) 29
Southwestern (23) 23
Western (62) 25
Statewide (159) 26

Note: Count of mobile EMPS response episodes are in parenthesis

Figure 15. Emergency Department Referrals (% Total EMPS Episodes)

Central (11) 8% 3% 0%
Eastern (11) 14% 0% 3%
Hartford (26) 3% 6% 2%
New Haven (6) 2% 6% 1%
Southwestern (14) 6% 9% 1%
Western (23) 24%
Statewide (71) 9%

Note: Count total ED referrals are in parenthesis

Figure 16. Emergency Dept Referrals by Provider (% Total EMPS Episodes)

Central (11) 10%
Eastern (11) 7%
Hartford (26) 23%
New Haven (6) 5%
Southwestern (14) 12%
Western (23) 0%
Statewide (71) 8% 4%

Note: Count total ED referrals are in parenthesis
Section V: Length of Stay (LOS)

Table 1. LOS for Discharged Episodes with a Crisis Response of Plus Stabilization Follow-up

<table>
<thead>
<tr>
<th>Discharged Episodes for Current Month</th>
<th>No. of Episodes</th>
<th>Mean LOS (in days)</th>
<th>Median LOS (in days)</th>
<th>Percent Exceeding 45 Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATEWIDE</td>
<td>57</td>
<td>10.6</td>
<td>9.0</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>Central</td>
<td>6</td>
<td>10.3</td>
<td>8.5</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>Eastern</td>
<td>2</td>
<td>10.0</td>
<td>10.0</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>Hartford</td>
<td>26</td>
<td>12.4</td>
<td>10.5</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>New Haven</td>
<td>4</td>
<td>14.8</td>
<td>12.5</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>Southwestern</td>
<td>1</td>
<td>17.0</td>
<td>17.0</td>
<td>0% (n=0)</td>
</tr>
<tr>
<td>Western</td>
<td>18</td>
<td>6.8</td>
<td>7.0</td>
<td>0% (n=0)</td>
</tr>
</tbody>
</table>

Section VI: Provider Community Outreach

Figure 17. Number of Times Providers Conducted Formal* Outreach to the Community (Current Month)

* 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.