



## **Regional PROS Performance-December 31, 2014 edition**

This packet provides a set of figures and tables describing CAIRS follow-up completion status, length-of-stay in PROS, rates of discharge and discharge status, rates of competitive employment and educational activity, and rates of psychiatric hospitalization and ER use for individuals receiving PROS.

### **Table of Contents**

#### **Section 1. Data Quality**

1. Follow-up completion status (Table 1)

#### **Section 2. Length-of-Stay and Turnover Rate**

1. Trends in PROS Length-of-Stay by program (Figure 1 and Table 2)
2. PROS Turnover by Census Year (Figure 2)
3. PROS Turnover by Program (Table 3)

#### **Section 3. Discharge Status**

1. Discharge Status by Region and Program (Figure 3 and Table 4)

#### **Section 4. Competitive Employment and Educational Activity**

1. PROS Competitive Employment and Educational Activity Status (Figure 4 and Table 5)

#### **Section 5. Service Utilization**

1. PROS Psychiatric Hospitalization Status (Figure 5 and Tables 6-7)
2. PROS Psychiatric ER Use (Figure 6 and Table 8)

#### **Relevant Notes:**

- For all figures and tables, except Table 7, all data were extracted from CAIRS as of 09/30/14. Data for Table 7 were extracted from the Medicaid Claims and MHARS databases.

## Section 1. Data Quality

- Table 1. PROS CAIRS Follow-up Completion Status
  - Table 1 depicts the percentage of individuals on each team whose most recent follow-up is complete.
  - Pink shaded percentages indicate programs and counties that have completed fewer than 80% of follow-up assessments due.

**Table 1. PROS CAIRS Follow-up Completion Status**

County	Program	Census as of 09/30/14*	Percentage of Census who have a Complete Admission	Percentage of Census who are Eligible for a Follow-up	Percentage of Eligibles with Most Recent Follow-up Completed**
Cayuga	The PROSperity Program of Cayuga County	87	93%	61%	0%
	<b>County Total</b>	87	93%	61%	0%
Clinton	PROS Learning Center	149	68%	66%	74%
	<b>County Total</b>	149	68%	66%	74%
Madison	Consumer Services PROS	60	100%	72%	100%
	<b>County Total</b>	60	100%	72%	100%
Montgomery	St. Mary's Healthcare PROS	148	82%	64%	63%
	<b>County Total</b>	148	82%	64%	63%
Onondaga	Central New York PROS	132	100%	26%	100%
	St. Joseph's Hospital Health Center PROS	166	82%	69%	64%
	<b>County Total</b>	298	90%	50%	72%
	<b>Central New York Total</b>	<b>742</b>	<b>85%</b>	<b>59%</b>	<b>65%</b>
	<b>Statewide</b>	<b>10,701</b>	<b>97%</b>	<b>74%</b>	<b>69%</b>

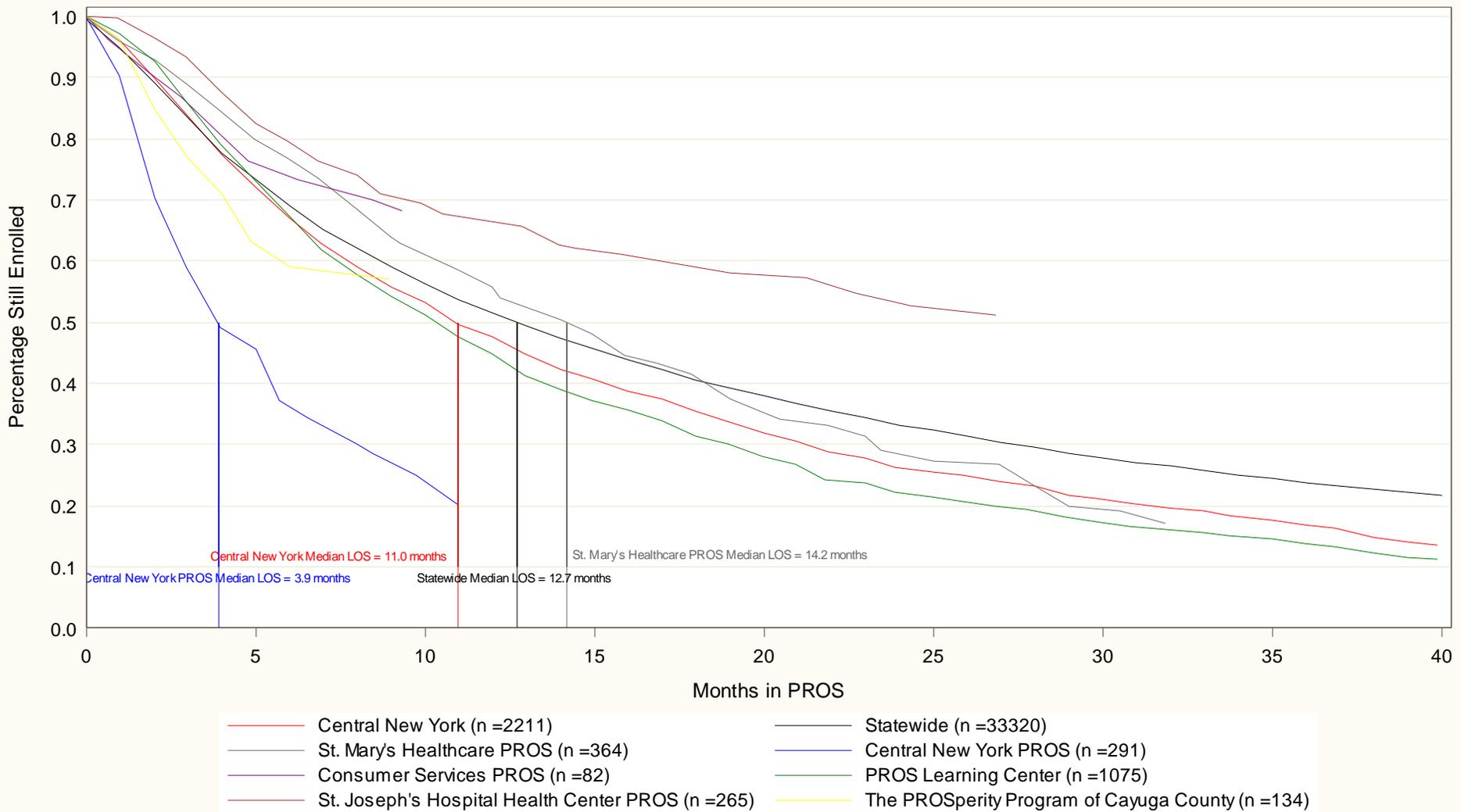
\*Census includes all individuals currently enrolled in PROS as of 09/30/14.

\*\*Pink shaded percentages indicate programs that have completed fewer than 80% of follow-up assessments due.

## Section 2. Length of Stay and Turnover Rate in PROS

- Figure 1 and Table 2 depict trends in length-of-stay by program. The first figure displays a comparison of length-of-stay by program and takes into account all individuals who have ever received services, both discharged and currently active. The table that follows includes mean and median length-of-stay for each program. Length-of-stay(LOS) is the number of months from the admission date to the data extraction date or discharge date.
- Figure 2 shows the turnover rate of PROS programs statewide in the last three years. The Turnover rate has increased in the past three years from 42% to 51%.
- Table 3 shows the turnover rate by program.

Figure 1. Trends in Central New York PROS Length-of-Stay by Program\*



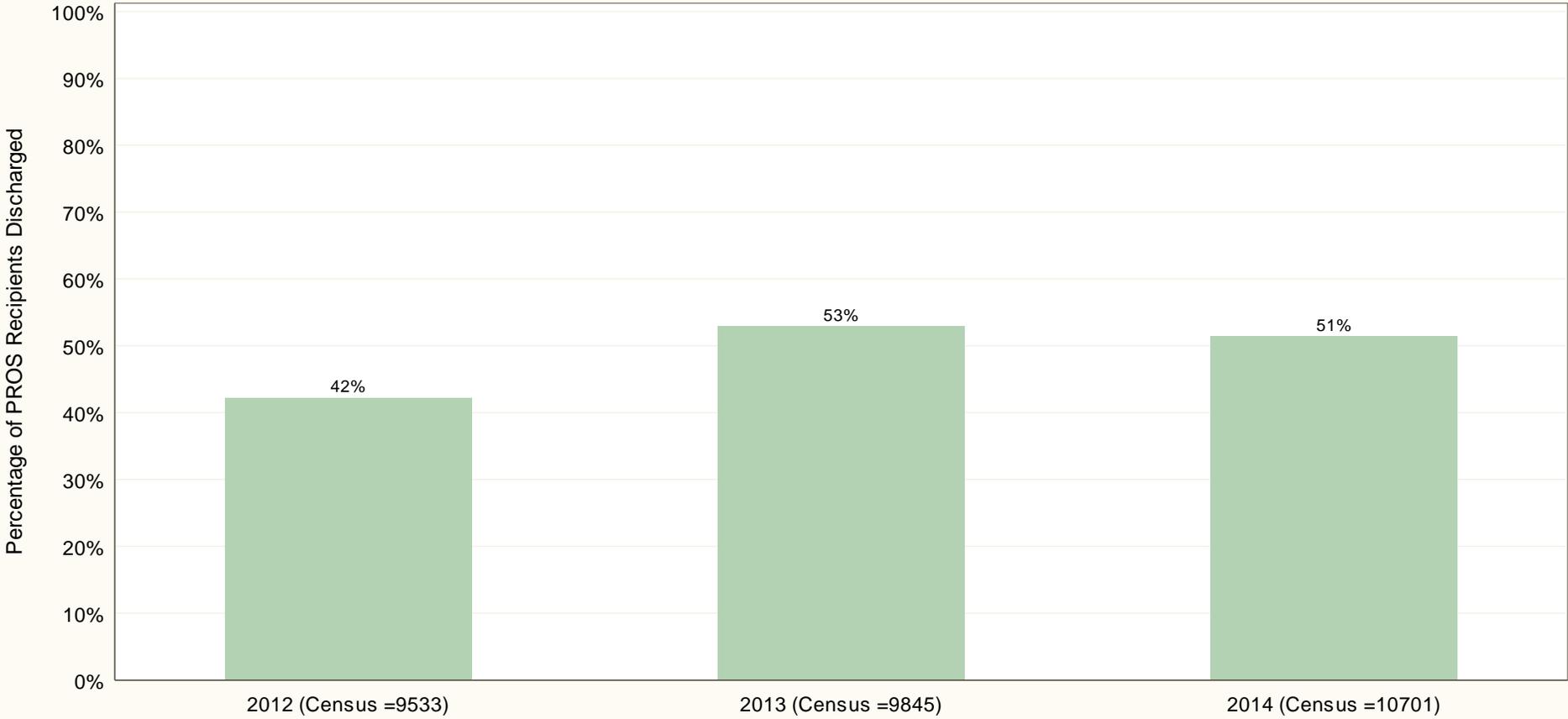
\*Sample includes all episodes in Central New York as of 09/30/14.

**Table 2. Trends in Central New York PROS Length-of-Stay by Program\***

County	Program	License Issued	Overall			Not Discharged			Discharged		
			N	Mean LOS (months)	Median LOS (months)	Pct of Adms	Mean LOS (months)	Median LOS (months)	Pct of Adms	Mean LOS (months)	Median LOS (months)
Cayuga	The PROSperity Program of Cayuga County	11/04/2013	134	5.1	4.8	64.9%	6.3	7.2	35.1%	2.9	2.6
	<b>County Total</b>	.	134	5.1	4.8	64.9%	6.3	7.2	35.1%	2.9	2.6
Clinton	PROS Learning Center	01/03/2006	1,075	15.0	9.2	13.9%	21.1	11.2	86.1%	14.0	8.8
	<b>County Total</b>	.	1,075	15.0	9.2	13.9%	21.1	11.2	86.1%	14.0	8.8
Madison	Consumer Services PROS	09/03/2013	82	7.9	9.5	73.2%	9.4	12.4	26.8%	3.6	3.1
	<b>County Total</b>	.	82	7.9	9.5	73.2%	9.4	12.4	26.8%	3.6	3.1
Montgomery	St. Mary's Healthcare PROS	01/03/2012	364	11.9	8.9	40.7%	13.7	10.4	59.3%	10.6	8.5
	<b>County Total</b>	.	364	11.9	8.9	40.7%	13.7	10.4	59.3%	10.6	8.5
Onondaga	Central New York PROS	10/07/2013	291	3.6	2.3	45.4%	4.1	2.6	54.6%	3.2	2.2
	St. Joseph's Hospital Health Center PROS	03/01/2012	265	14.4	9.9	62.6%	17.7	18.9	37.4%	8.9	6.3
	<b>County Total</b>	.	556	8.8	4.3	53.6%	11.7	6.3	46.4%	5.4	3.2
	<b>Central New York Total</b>	.	<b>2,211</b>	<b>12.1</b>	<b>7.4</b>	<b>33.6%</b>	<b>13.2</b>	<b>8.9</b>	<b>66.4%</b>	<b>11.5</b>	<b>6.9</b>
	<b>Statewide</b>	.	<b>33,320</b>	<b>15.4</b>	<b>9.4</b>	<b>32.2%</b>	<b>22.9</b>	<b>16.4</b>	<b>67.8%</b>	<b>11.8</b>	<b>7.3</b>

\*Length-of-stay (LOS) is the number of months from the admission date to the discharge date, or to 09/30/14 for those not yet discharged.

**Figure 2. PROS Turnover by Census Year\***



\*Number of individuals discharged during the one year observed period / Census on last day of time interval. Time intervals end on 09/30/12, 09/30/13 and 09/30/14

**Table 3. PROS Turnover by Program**

<b>County</b>	<b>Program</b>	<b>Census as of 09/30/14</b>	<b>Percentage Discharged*</b>
Cayuga	The PROSperity Program of Cayuga County	87	52%
	<b>County Total</b>	87	52%
Clinton	PROS Learning Center	149	67%
	<b>County Total</b>	149	67%
Madison	Consumer Services PROS	60	37%
	<b>County Total</b>	60	37%
Montgomery	St. Mary's Healthcare PROS	148	53%
	<b>County Total</b>	148	53%
Onondaga	Central New York PROS	132	109%
	St. Joseph's Hospital Health Center PROS	166	15%
	<b>County Total</b>	298	57%
	<b>Central New York Total</b>	<b>742</b>	<b>56%</b>
	<b>Statewide</b>	<b>10,701</b>	<b>51%</b>

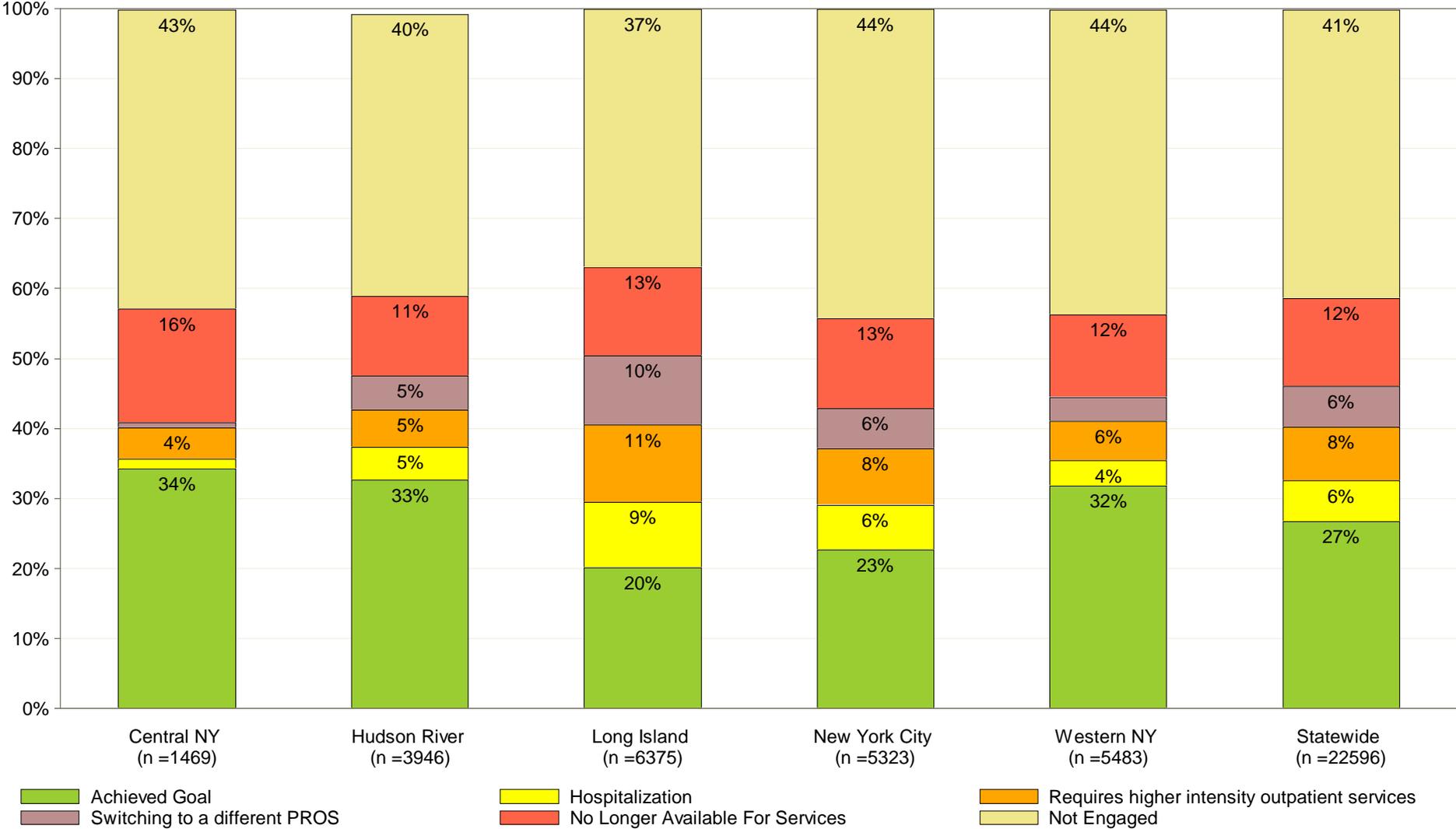
\*Number of individuals discharged between 10/01/13 and 09/30/14 / Census on 09/30/14

### Section 3. Discharge Status for Individuals Discharged from PROS

- Programs label a discharge using a specified set of options which are aggregated into the following 6 categories of discharge status: **Treatment Objectives Met** - Achieved goal-moving to lower intensity services(e.g., clinic only); **Hospitalization** - Hospitalization; **Requires higher intensity outpatient services**-Requires higher intensity outpatient services(e.g., ACT); **Switching to a different PROS**-Switching to a different PROS; **No Longer Available for Services**-Deceased, Incarceration, Left service area; **Not Engaged**-Refusing services, Dissatisfaction with program, Unknown-follow-up failed to locate individual or determine reason.

- Figure 3 shows the distribution of discharge status statewide, and by region. The largest category of discharged is "Not Engaged".
- Table 4 shows the distribution of discharge status by program.

**Figure 3. Discharge Status by Region\***



\*Sample includes all discharges as of 09/30/14.

Table 4. Discharge Status by Program\*

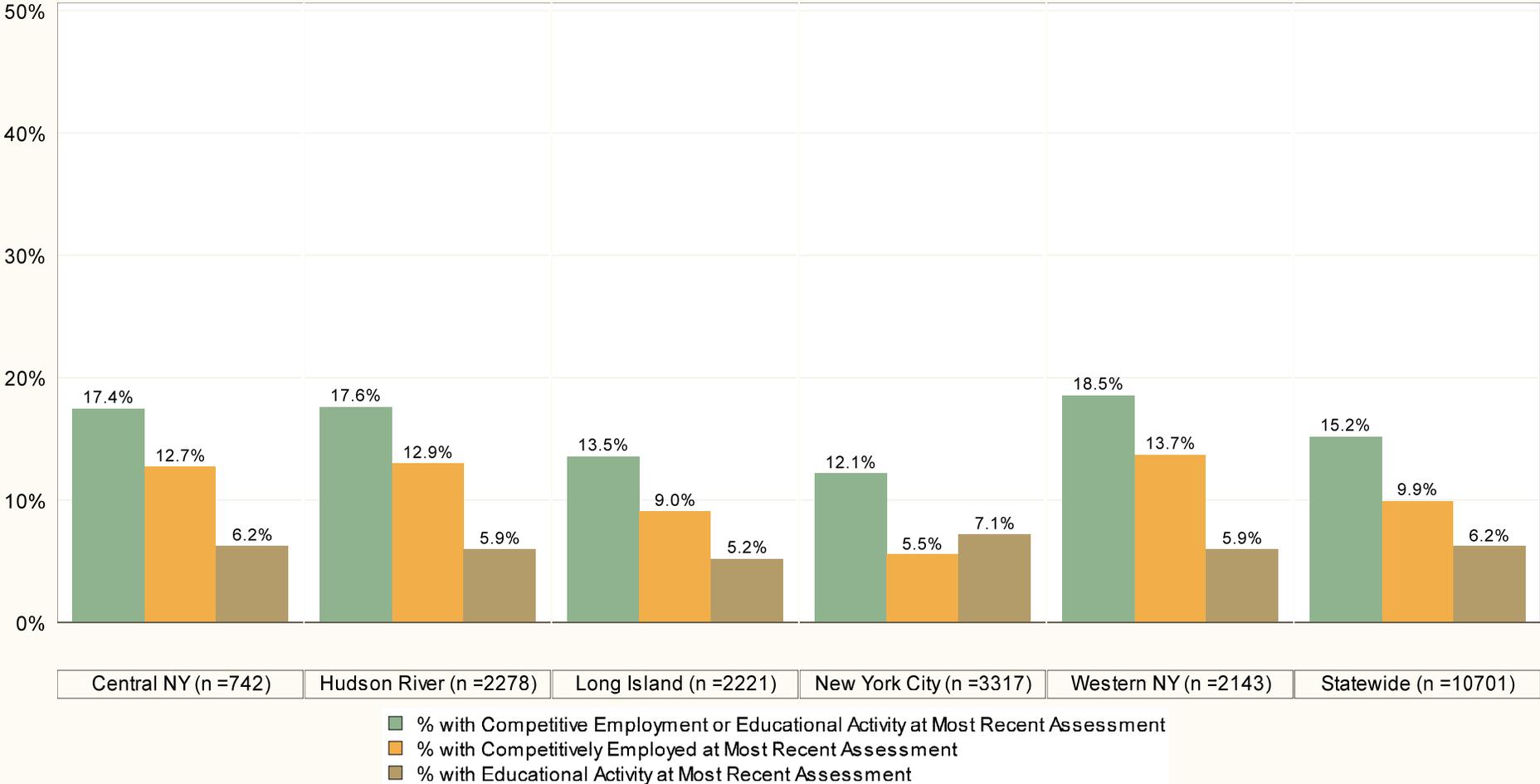
County	Program	Total Discharges	Achieved Goal	Hospitalization	Requires Higher Intensity Outpatient Services	Switching to a Different PROS	No Longer Available for Services	Not Engaged			
								Refusing Services	Dissatisfaction with Program	Unknown, Failed to Locate Individual	Total Not Engaged
Cayuga	The PROSperity Program of Cayuga County	47	11%	2%	4%	0%	13%	55%	4%	11%	70%
	<b>County Total</b>	47	11%	2%	4%	0%	13%	55%	4%	11%	70%
Clinton	PROS Learning Center	925	36%	0%	4%	0%	18%	33%	3%	5%	41%
	<b>County Total</b>	925	36%	0%	4%	0%	18%	33%	3%	5%	41%
Madison	Consumer Services PROS	22	5%	14%	0%	0%	9%	50%	0%	23%	73%
	<b>County Total</b>	22	5%	14%	0%	0%	9%	50%	0%	23%	73%
Montgomery	St. Mary's Healthcare PROS	214	57%	3%	3%	0%	11%	16%	4%	6%	26%
	<b>County Total</b>	214	57%	3%	3%	0%	11%	16%	4%	6%	26%
Onondaga	Central New York PROS	159	11%	3%	6%	2%	14%	52%	2%	11%	65%
	St. Joseph's Hospital Health Center PROS	99	28%	3%	9%	4%	14%	23%	6%	12%	41%
	<b>County Total</b>	258	18%	3%	7%	3%	14%	41%	3%	12%	56%
	<b>Central New York Total</b>	1,466	34%	1%	4%	1%	16%	33%	3%	7%	43%
	<b>Statewide</b>	22,534	27%	6%	8%	6%	13%	26%	3%	12%	41%

\*Sample includes all discharges as of 09/30/14.

#### **Section 4. Competitive Employment and Educational Activity rates for individuals enrolled in PROS**

- Figure 4 shows the competitive employment and educational activity rates, statewide and by region.
  - Statewide, 15.2% of individuals enrolled in PROS on 09/30/14 were either competitively employed or engaged in education activity.
  - The rate of competitive employment for individuals enrolled in PROS was 9.9%.
  - Regionally, rates of competitive employment ranged from 13.7% in Western NY to 5.5% in New York City.
- Table 5 shows the competitive employment and educational activity rates by program.

Figure 4. PROS Competitive Employment and Educational Activity Status\*



\*Sample includes all individuals on census in PROS as of 09/30/14.

**Table 5. PROS Competitive Employment and Educational Activity Status**

County	Program	Census as of 09/30/14*	% with Competitive Employment or Educational Activity at Most Recent Assessment	% with Competitively Employed at Most Recent Assessment	% with Educational Activity at Most Recent Assessment
Cayuga	The PROSperity Program of Cayuga County	87	43.2%	38.3%	7.4%
	<b>County Total</b>	87	43.2%	38.3%	7.4%
Clinton	PROS Learning Center	149	34.7%	25.7%	11.9%
	<b>County Total</b>	149	34.7%	25.7%	11.9%
Madison	Consumer Services PROS	60	5.0%	3.3%	1.7%
	<b>County Total</b>	60	5.0%	3.3%	1.7%
Montgomery	St. Mary's Healthcare PROS	148	6.6%	5.8%	1.7%
	<b>County Total</b>	148	6.6%	5.8%	1.7%
Onondaga	Central New York PROS	132	5.3%	1.5%	4.5%
	St. Joseph's Hospital Health Center PROS	166	16.2%	8.8%	8.8%
	<b>County Total</b>	298	10.8%	5.2%	6.7%
	<b>Central New York Total</b>	<b>742</b>	<b>17.4%</b>	<b>12.7%</b>	<b>6.2%</b>
	<b>Statewide</b>	<b>10,701</b>	<b>15.2%</b>	<b>9.9%</b>	<b>6.2%</b>

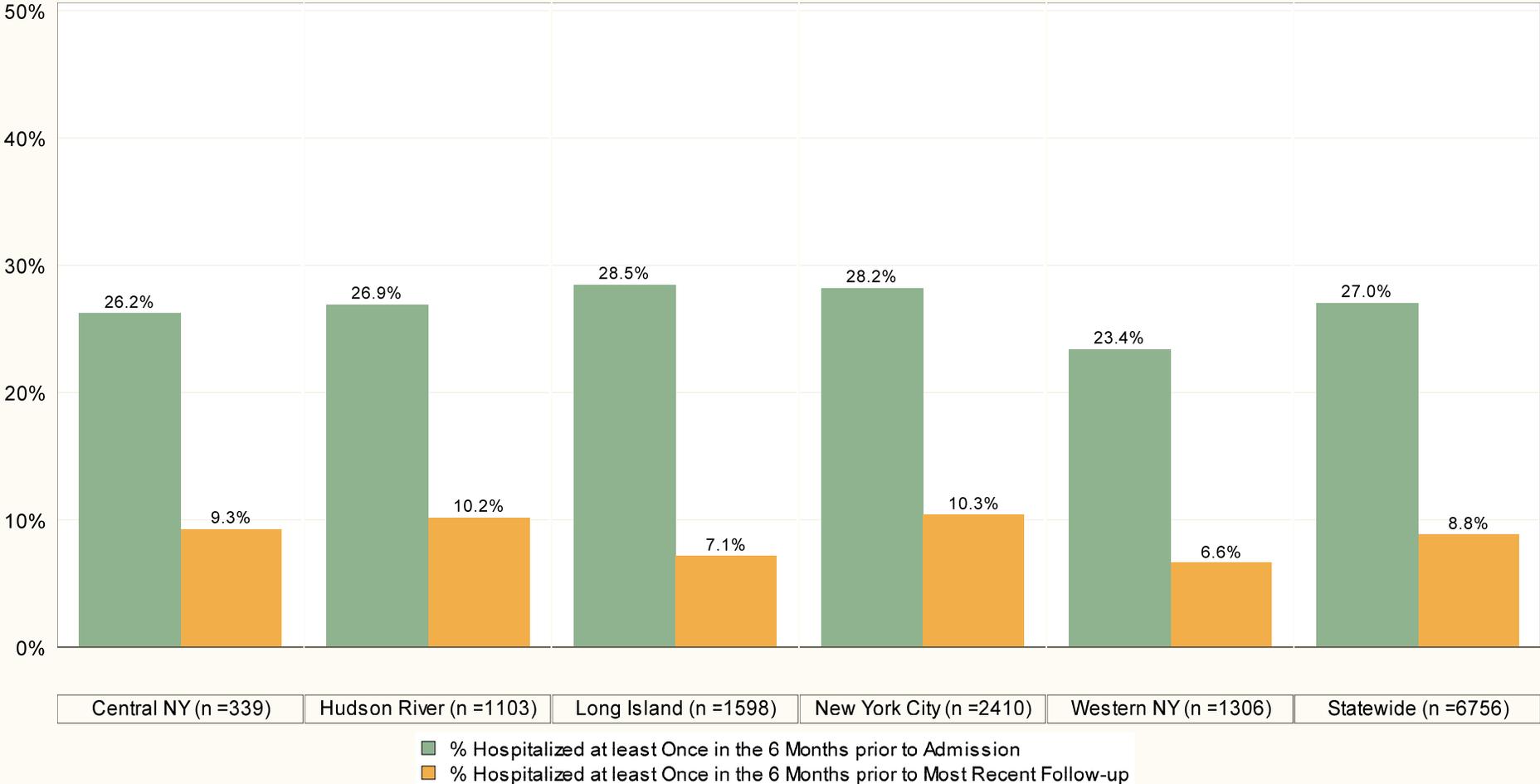
\*Census includes all individuals currently enrolled in PROS as 09/30/14.

Note: Pink shaded percentages indicate programs that have completed fewer than 80% of follow-up assessments due.

## Section 5. Psychiatric hospitalization and ER use for individuals enrolled in PROS

- Figure 5 depicts the rates of psychiatric hospitalization in the 6 months prior to admission and most recent follow-up assessment, statewide and by region. Data are from CAIRS.
  - Statewide, the rate of psychiatric hospitalization for individuals enrolled in PROS on 09/30/14 and has at least one follow-up assessment declined from 27.0% to 8.8%. Similar trends are seen in all regions.
- Table 6 depicts the rates of psychiatric hospitalization by program. Data are from CAIRS.
- Table 7 depicts the rates of psychiatric hospitalization in the 6 months prior to admission, while enrolled in PROS, and in the 6 months following discharge from PROS. Data are from Medicaid and MHARS.
- Figure 6 shows the rates of any psychiatric emergency room use in the 6 months prior to admission and most recent follow-up assessment, statewide and by region. Data are from CAIRS.
  - Statewide, the rate of psychiatric emergency room use for individuals enrolled in PROS on 09/30/14 and has at least one follow-up assessment declined from 22.8% to 9.1%. Similar trends are seen in all regions.
- Table 8 shows the rate of any Psychiatric Emergency Room Use by program.

Figure 5. PROS Psychiatric Hospitalization Status (from CAIRS)\*



\*Sample includes all individuals currently enrolled with at least one follow-up in CAIRS as of 09/30/14.

**Table 6. PROS Psychiatric Hospitalization Status (from CAIRS)\***

County	Program	Total Currently Enrolled with at least One Complete Follow-up as of 09/30/14	% Hospitalized at least Once in the 6 Months prior to Admission**	% Hospitalized at least Once in the 6 Months prior to Most Recent Follow-up**	Percent change
Cayuga	The PROSperity Program of Cayuga County	.	.	.	.
	<b>County Total</b>	.	.	.	.
Clinton	PROS Learning Center	83	25.3%	12.2%	13.1%
	<b>County Total</b>	83	25.3%	12.2%	13.1%
Madison	Consumer Services PROS	43	25.0%	7.7%	17.3%
	<b>County Total</b>	43	25.0%	7.7%	17.3%
Montgomery	St. Mary's Healthcare PROS	84	40.5%	11.0%	29.5%
	<b>County Total</b>	84	40.5%	11.0%	29.5%
Onondaga	Central New York PROS	34	23.5%	3.2%	20.3%
	St. Joseph's Hospital Health Center PROS	95	14.6%	7.4%	7.2%
	<b>County Total</b>	129	17.1%	6.4%	10.7%
	<b>Central New York Total</b>	<b>339</b>	<b>26.2%</b>	<b>9.3%</b>	<b>16.9%</b>
	<b>Statewide</b>	<b>6,756</b>	<b>27.0%</b>	<b>8.8%</b>	<b>18.2%</b>

\*Sample includes all individuals currently enrolled with at least one follow-up in CAIRS as of 09/30/14.

\*\*Number hospitalized divided by the number of individuals with a valid hospitalization value (denominator excludes those with missing/unknown hospitalization status).

Note: Pink shaded percentages indicate programs that have completed fewer than 80% of follow-up assessments due.

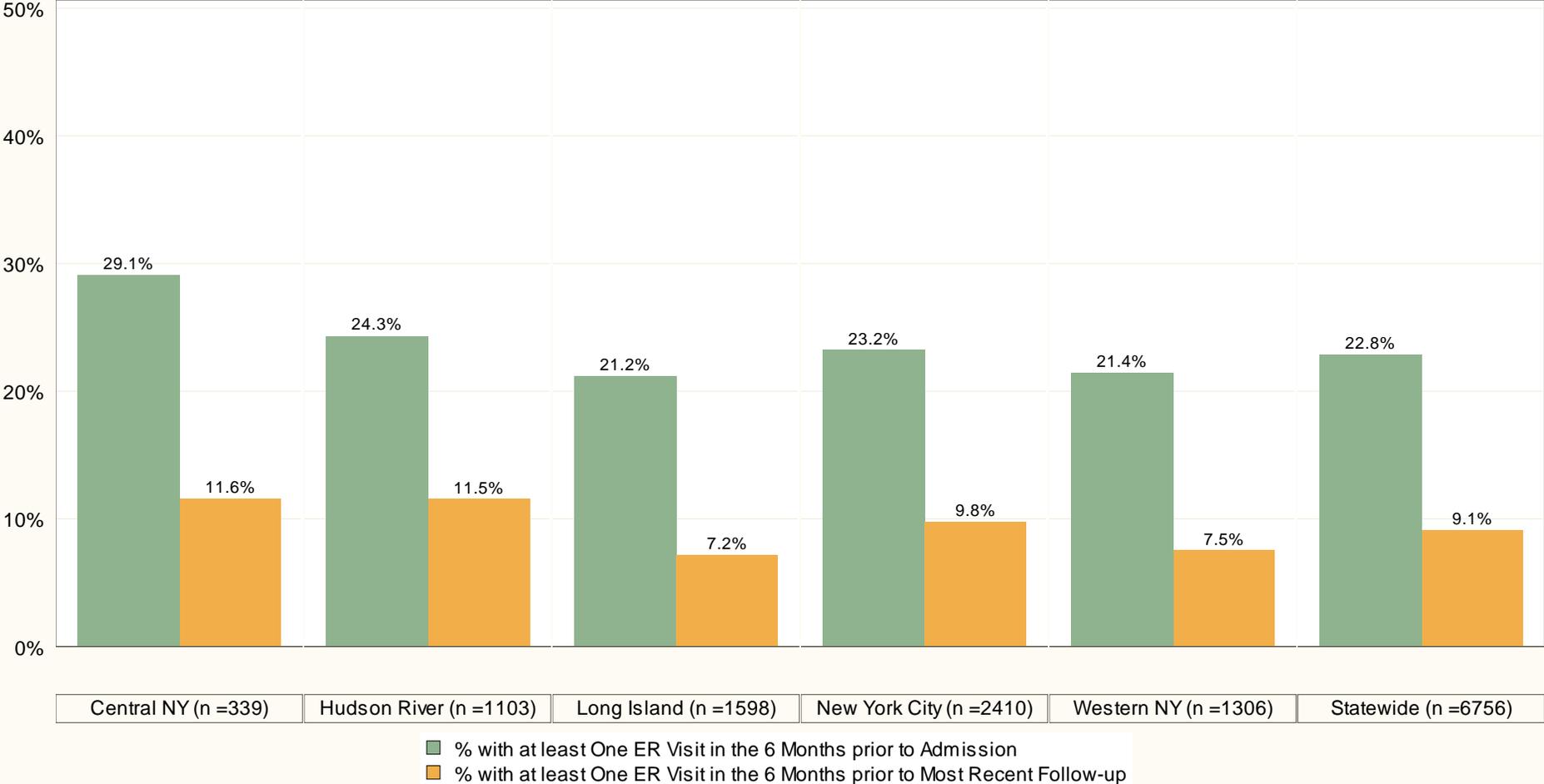
**Table 7. PROS Psychiatric Hospitalization Status (from Medicaid and MHARS)**

County	Program	Total Number of Discharged Individuals*	Number of Individuals included in sample**	% Hospitalized at least Once in the 6 Months prior to Admission	% Hospitalized at least Once while enrolled in PROS	% Hospitalized at least Once in the 6 Months after PROS discharge
Cayuga	The PROSperity Program of Cayuga County	2	2	50.0%	0.0%	50.0%
	<b>County Total</b>	2	2	50.0%	0.0%	50.0%
Clinton	PROS Learning Center	94	74	25.7%	18.9%	6.8%
	<b>County Total</b>	94	74	25.7%	18.9%	6.8%
Madison	Consumer Services PROS	7	7	28.6%	0.0%	0.0%
	<b>County Total</b>	7	7	28.6%	0.0%	0.0%
Montgomery	St. Mary's Healthcare PROS	69	52	26.9%	19.2%	19.2%
	<b>County Total</b>	69	52	26.9%	19.2%	19.2%
Onondaga	Central New York PROS	20	13	38.5%	0.0%	23.1%
	St. Joseph's Hospital Health Center PROS	42	28	17.9%	14.3%	3.6%
	<b>County Total</b>	62	41	24.4%	9.8%	9.8%
	<b>Central New York Total</b>	<b>234</b>	<b>176</b>	<b>26.1%</b>	<b>15.9%</b>	<b>11.4%</b>
	<b>Statewide</b>	<b>5,344</b>	<b>4,011</b>	<b>28.9%</b>	<b>19.1%</b>	<b>15.6%</b>

\*Total number of individuals who were admitted to PROS on or after January 1, 2008 and discharged between 1/1/2013 and 12/31/2013.

\*\*Sample includes all who were admitted to PROS on or after January 1, 2008, discharged between 1/1/2013 and 12/31/2013, and eligible for Medicaid. Sample excludes those with the discharge reason Deceased or Switching to a different PROS. All hospitalization data are from Medicaid and MHARS.

**Figure 6. PROS Psychiatric ER Use\***



\*Sample includes all individuals currently enrolled with at least one follow-up as of 09/30/14.

**Table 8. PROS Psychiatric ER Use\***

County	Program	Total Currently Enrolled with at least One Complete Follow-up as of 09/30/14	% with at least One ER Visit in the 6 Months prior to Admission**	% with at least One ER Visit in the 6 Months prior to Most Recent Follow-up**	Percent change
Cayuga	The PROSperity Program of Cayuga County	.	.	.	.
	<b>County Total</b>	.	.	.	.
Clinton	PROS Learning Center	83	29.3%	15.9%	13.5%
	<b>County Total</b>	83	29.3%	15.9%	13.5%
Madison	Consumer Services PROS	43	25.0%	0.0%	25.0%
	<b>County Total</b>	43	25.0%	0.0%	25.0%
Montgomery	St. Mary's Healthcare PROS	84	41.7%	14.6%	27.0%
	<b>County Total</b>	84	41.7%	14.6%	27.0%
Onondaga	Central New York PROS	34	23.5%	6.5%	17.1%
	St. Joseph's Hospital Health Center PROS	95	19.3%	8.5%	10.8%
	<b>County Total</b>	129	20.5%	8.0%	12.5%
	<b>Central New York Total</b>	<b>339</b>	<b>29.1%</b>	<b>11.6%</b>	<b>17.5%</b>
	<b>Statewide</b>	<b>6,756</b>	<b>22.8%</b>	<b>9.1%</b>	<b>13.7%</b>

\*Sample includes all individuals currently enrolled with at least one follow-up as of 09/30/14.

\*\*Number with ER use divided by the number of individuals with a valid ER value (denominator excludes those with missing/ unknown ER status).

Note: Pink shaded percentages indicate programs that have completed fewer than 80% of follow-up assessments due.