

## Summary of Mayview State Hospital Demographics

Counties of  
Allegheny  
Beaver  
Greene  
Lawrence  
Washington

Prepared by Allegheny HealthChoices, Inc.  
July 27, 2007

### Overview

---

This report focuses on the current enrollment at Mayview State Hospital as of June 30th, 2007. The main demographic variables depicted are: Age, Race, Diagnosis, Length of Stay, and Special Needs. It should be noted that the "Special Needs" variable is measured in aggregate and cannot be tied to an individual county.

Looking at the enrollment population in toto, the typical consumer originally lived in Allegheny County, is 45-64 years of age, Caucasian, diagnosed with Schizophrenia, and been in the hospital for an average of 4.5 and a median of 1.6 years.

### Enrollment

---

The count of consumers by county is found in Table 1. As can be seen, nearly 80 percent of consumers originally lived in Allegheny County.

**Table 1**

County	Consumers	Pct.
Allegheny	169	79.7%
Beaver	20	9.4%
Lawrence	8	3.8%
Washington	15	7.1%
<b>Total</b>	212	

## Age

In Table 2, you can view the average and median ages by County. Beaver County has a

**Table 2**

County	Age Average	Age Median
Allegheny	48	48
Beaver	51	53
Lawrence	43	50
Washington	44	43
<b>Total</b>	<b>48</b>	<b>49</b>

slightly older population than the average, while Washington County's is slightly younger.

## Race

The racial composition, as viewed in Table 3, is nearly equally split between African-Americans and Caucasians in the entire population.

**Table 3**

Race	Consumers	Percentage
African American	99	46.7%
Asian	1	0.5%
Caucasian	112	52.8%
<b>Total</b>	<b>212</b>	<b>100.0%</b>

However, when you look at the numbers by county, Allegheny's enrolled population is what is driving the percentile similarities. The remaining counties in the region have a primarily Caucasian enrollment.

**Table 4**

County	Race	Count	Sub Tot %	Grd Tot %
Allegheny	African American	90	53.3%	42%
Allegheny	Caucasian	79	46.7%	37%
		<b>169</b>	100.0%	
Beaver	African American	4	20.0%	2%
Beaver	Asian	1	5.0%	0%
Beaver	Caucasian	15	75.0%	7%
		<b>20</b>	100.0%	
Lawrence	African American	3	37.5%	1%
Lawrence	Caucasian	5	62.5%	2%
		<b>8</b>	100.0%	
Washington	African American	2	13.3%	1%
Washington	Caucasian	13	86.7%	6%
		<b>15</b>	100.0%	
<b>Total</b>		<b>212</b>		100%

## Diagnosis

---

Nearly 78% of the enrolled population has a primary diagnosis of schizophrenia. Table 5 depicts the breakdown by county.

**Table 5**

County	DX Category	Count	Sub Tot %	Grd Tot %
Allegheny	Adjustment D/O	2	1.2%	0.9%
Allegheny	Bipolar D/O	5	3.0%	2.4%
Allegheny	Conduct D/O	2	1.2%	0.9%
Allegheny	Depressive D/O	1	0.6%	0.5%
Allegheny	DX Deferred	12	7.1%	5.7%
Allegheny	ETOH	1	0.6%	0.5%
Allegheny	Maj Depression	5	3.0%	2.4%
Allegheny	Org Mental D/O	2	1.2%	0.9%
Allegheny	Other	1	0.6%	0.5%
Allegheny	Other Non-Psych D/O	1	0.6%	0.5%
Allegheny	Schizophrenia	135	79.9%	63.7%
Allegheny	Unspec Psychosis	2	1.2%	0.9%
		<b>169</b>	100.0%	<b>79.7%</b>
Beaver	Bipolar D/O	1	5.0%	0.5%
Beaver	Conduct D/O	1	5.0%	0.5%
Beaver	DX Deferred	2	10.0%	0.9%
Beaver	Schizophrenia	16	80.0%	7.5%
		<b>20</b>	100.0%	<b>9.4%</b>
Lawrence	Bipolar D/O	3	37.5%	1.4%
Lawrence	DX Deferred	1	12.5%	0.5%
Lawrence	Schizophrenia	4	50.0%	1.9%
		<b>8</b>	100.0%	<b>3.8%</b>
Washington	DX Deferred	2	13.3%	0.9%
Washington	Maj Depression	1	6.7%	0.5%
Washington	Schizophrenia	10	66.7%	4.7%
Washington	Unspec Psychosis	2	13.3%	0.9%
		15	100.0%	<b>7.1%</b>
<b>Total</b>		<b>212</b>		100.0%

## Length Of Stay

---

On average, the current enrollment has an average length of stay of 1,652 days (4.5 years). However, as seen in Table 6, the median length of stay is only 597 days (1.6 years). This means that there is a small group of consumers with extremely long lengths of stay.

**Table 6**

County	LOS Avg (Days)	LOS Median (Days)
Allegheny	1714	597
Beaver	1446	329
Lawrence	414	290
Washington	1893	1144
<b>Total (days)</b>	<b>1652</b>	<b>597</b>
<b>Total (years)</b>	<b>4.5</b>	<b>1.6</b>

This pattern is consistent within each of the counties as well. Table 7 shows how these consumers fall into categories:

**Table 7**

County	LOS	Count	Sub Tot %	Grd Tot %
Allegheny	00 - 05 Months	35	20.7%	16.5%
Allegheny	06 - 17 Months	39	23.1%	18.4%
Allegheny	18 - 23 Months	18	10.7%	8.5%
Allegheny	2+ Years	77	45.6%	36.3%
			<b>169</b>	
Beaver	00 - 05 Months	7	35.0%	3.3%
Beaver	06 - 17 Months	4	20.0%	1.9%
Beaver	18 - 23 Months	1	5.0%	0.5%
Beaver	2+ Years	8	40.0%	3.8%
			<b>20</b>	
Lawrence	00 - 05 Months	2	25.0%	0.9%
Lawrence	06 - 17 Months	4	50.0%	1.9%
Lawrence	2+ Years	2	25.0%	0.9%
			<b>8</b>	
Washington	00 - 05 Months	3	20.0%	1.4%
Washington	06 - 17 Months	1	6.7%	0.5%
Washington	18 - 23 Months	2	13.3%	0.9%
Washington	2+ Years	9	60.0%	4.2%
			<b>15</b>	
<b>Total</b>		<b>212</b>		

As you would expect from the high averages, the category “2+ years” contains the most consumers.

## Special Needs

---

**Table 8**

<b>Special Need</b>	<b>Count</b>	<b>Pct.</b>
TBI	3	1.4%
MH/MR Dual DX	21	9.9%
MH/SA Dual DX	90	42.5%
Complex Medical	1	0.5%
N/A	97	45.8%
<b>Total</b>	212	

The primary special need of enrolled consumers is a dual diagnosis of mental health and substance abuse. This finding supports the extended planning efforts surrounding this special population.