



RTF-A REPORT

The following narrative depicts the findings of Residential Treatment Facility – Adult (RTF-A) utilization from 09/04/2008 through 03/21/2011. The analysis of RTF-A utilization includes the examination of: 1) inpatient mental health utilization prior to RTF-A involvement (note: IP-MH data is not captured within the RTF-A application as it is in the EAC application; therefore, we have attempted to link the data to claims to determine IP-MH admission date); 2) count and duration spent on the RTF-A waiting list; 3) count and duration of those individuals diverted from an RTF-A admission; 4) count and duration of individuals actually admitted to RTF-A; and, 5) count and duration of those discharged from RTF-A. The key aspect to analyzing this system, beyond clinically appropriate care, is to determine whether the flow through the system is appropriate. Are people getting in? Are people getting out? Where are the bottlenecks? Can we do anything about it? Supporting charts are attached for your review.

RTF-A Discharges (ALOS and MLOS calculated since RTF-A admission)

Since 09/04/2008, 321 individuals have been discharged from RTF-A with an average length of stay (ALOS) of 55.78 days (↓**4.32%**) *from 10/20/2010* and median length of stay (MLOS) of 47.00 days (↓**9.62%**). The similarity between ALOS and MLOS indicates the numbers are good measures of tendency. So, as we start the clock, the average person will likely stay in RTF-A, as of this point, is 55.78 days.

RTF-A In-House (ALOS and MLOS calculated since RTF-A admission)

For those members currently “in-house” as of 03/21/2011, the ALOS is 51.80 days (↓**9.91%**) and MLOS is 32.00 days (↓**41.28%**). Given the small numbers and the fact that it is a snapshot, the “in-house” numbers will fluctuate more wildly than the other measures.

RTF-A Admissions (ALOS and MLOS calculated since referral to waiting list)

Since 09/04/2008, 346 consumers have been admitted to RTF-A with an ALOS on the waiting list of 18.85 (↓**0.95%**) days and MLOS of 14.00 (↓**12.50%**) days. Therefore, as of this point in the flow, the average person will spend 55.78 days in the RTF-A – plus – 18.85 days waiting to get on the unit for a total of 74.63 days (↓**3.49%**) in the RTF-A system.

IP-MH Utilization before RTF-A admission (ALOS and MLOS calculated since IP-MH admission date)

We were able to link 196 IP-MH stays (158 – Allegheny; 30 – Beaver; 4 – Washington; 4 – Greene) of the 346 admissions to RTF-A. On average, the amount of time someone spends in IP-MH before a RTF-A admission is 49.70 days (↑**4.15%**). Knowing the IP-MH admission date allows us to finalize our calculation of total time spent in the RTF-A system. To accomplish this, we’ll take the ALOS in IP-MH for those admitted to RTF-A and add it to the ALOS of those discharged from RTF-A. We won’t use the waiting list numbers since someone could be referred to the list sometime after their IP-MH admission.

Therefore, since 09/04/2008, the final result, on average, is: 55.78 days plus 49.70 days for a total of **105.48** days (↓**0.51%**). The median length of stay is 90.50 days (↓**5.24%**).

Chart 1. Number of RTF-A Discharges, ALOS and Median LOS From 9/4/2008 - 3/21/2011

County	RTF Location Name	Discharges	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Ohioville	1	180.00	180.00	180	180	
	MBH RTF-A Pittsburgh	211	66.89	63.00	0	220	37.79
Allegheny		212	67.42	63.00	0	220	38.49
Beaver	MBH RTF-A Ohioville	66	31.35	31.00	2	76	16.61
Beaver		66	31.35	31.00	2	76	16.61
Butler	MBH RTF-A Ohioville	5	41.40	42.00	36	49	5.55
Butler		5	41.40	42.00	36	49	5.55
Crawford	MBH RTF-A Ohioville	6	27.00	24.00	13	44	11.44
Crawford		6	27.00	24.00	13	44	11.44
Greene	MBH RTF-A Ohioville	7	37.57	39.00	25	49	9.13
Greene		7	37.57	39.00	25	49	9.13
Lawrence	MBH RTF-A Ohioville	11	36.55	42.00	2	65	21.82
Lawrence		11	36.55	42.00	2	65	21.82
Mercer	MBH RTF-A Ohioville	3	36.67	36.00	34	40	3.06
Mercer		3	36.67	36.00	34	40	3.06
Venago	MBH RTF-A Ohioville	5	31.00	27.00	16	61	17.42
Venago		5	31.00	27.00	16	61	17.42
Washington	MBH RTF-A Ohioville	5	36.20	34.00	28	48	7.50
	MBH RTF-A Pittsburgh	1	61.00	61.00	61	61	
Washington		6	40.33	36.00	28	61	12.14
Summary		321	55.78	47.00	0	220	36.43

* The above chart includes all completed RTF stays discharged from a RTF entered into the RTF application

Chart 2. Number Members Currently In RTF-A, ALOS and Median LOS From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Pittsburgh	16	65.31	57.00	11	166	49.28
Allegheny		16	65.31	57.00	11	166	49.28
Beaver	MBH RTF-A Ohioville	7	29.43	32.00	3	55	16.02
Beaver		7	29.43	32.00	3	55	16.02
Lawrence	MBH RTF-A Ohioville	1	12.00	12.00	12	12	
Lawrence		1	12.00	12.00	12	12	
Mercer	MBH RTF-A Ohioville	1	32.00	32.00	32	32	

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Chart 2. Number Members Currently In RTF-A, ALOS and Median LOS From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Mercer		1	32.00	32.00	32	32	
Summary		25	51.80	32.00	3	166	43.95

* The preceding chart contains all members entered into the RTF application that are currently staying at the RTF

Chart 3. Number Admissions to RTF-A and LOS on RTF-A Waiting List From 9/4/2008 - 3/21/2011

County	RTF Location Name	Number Admissions	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Ohioville	1	1.00	1.00	1	1	
	MBH RTF-A Pittsburgh	227	26.92	22.00	0	168	20.14
Allegheny		228	26.81	22.00	0	168	20.17
Beaver	MBH RTF-A Ohioville	73	3.52	2.00	0	23	4.47
Beaver		73	3.52	2.00	0	23	4.47
Butler	MBH RTF-A Ohioville	5	0.80	0.00	0	2	1.10
Butler		5	0.80	0.00	0	2	1.10
Crawford	MBH RTF-A Ohioville	6	4.17	4.50	0	8	3.19
Crawford		6	4.17	4.50	0	8	3.19
Greene	MBH RTF-A Ohioville	7	5.43	2.00	0	15	6.40
Greene		7	5.43	2.00	0	15	6.40
Lawrence	MBH RTF-A Ohioville	12	3.42	1.00	0	20	5.60
Lawrence		12	3.42	1.00	0	20	5.60
Mercer	MBH RTF-A Ohioville	4	5.75	3.00	0	17	7.80
Mercer		4	5.75	3.00	0	17	7.80
Venago	MBH RTF-A Ohioville	5	1.40	0.00	0	5	2.19
Venago		5	1.40	0.00	0	5	2.19
Washington	MBH RTF-A Ohioville	5	1.80	1.00	1	4	1.30
	MBH RTF-A Pittsburgh	1	6.00	6.00	6	6	
Washington		6	2.50	1.50	1	6	2.07
Summary		346	18.85	14.00	0	168	19.94

* The chart above includes the RTF waiting list LOS for all RTF admissions entered into the RTF application

Chart 4. Number RTF-A Admissions Having an IP-MH Stay Preceding the RTF-A Admission and LOS in IP-MH From 9/4/2008 - 3/21/2011

County	RTF Location Name	Number Admissions	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Ohioville	1	44.00	44.00	44	44	
	MBH RTF-A Pittsburgh	157	57.71	51.00	0	327	39.19
Allegheny		158	57.62	50.50	0	327	39.08
Beaver	MBH RTF-A Ohioville	30	15.00	14.00	3	30	6.51
Beaver		30	15.00	14.00	3	30	6.51
Greene	MBH RTF-A Ohioville	4	24.75	27.00	13	32	8.54
Greene		4	24.75	27.00	13	32	8.54

Chart 3. Number Admissions to RTF-A and LOS on RTF-A Waiting List From 9/4/2008 - 3/21/2011

* The chart above includes the RTF waiting list LOS for all RTF admissions entered into the RTF application

Chart 4. Number RTF-A Admissions Having an IP-MH Stay Preceding the RTF-A Admission and LOS in IP-MH From 9/4/2008 - 3/21/2011

County	RTF Location Name	Number Admissions	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Washington	MBH RTF-A Ohioville	3	27.33	25.00	22	35	6.81
	MBH RTF-A Pittsburgh	1	7.00	7.00	7	7	
Washington		4	22.25	23.50	7	35	11.59
Summary		196	49.70	43.50	0	327	38.78

* The preceding chart includes RTF admissions having an IP-MH stay before the RTF admission. IP-MH data includes both HC and Base authorization data, while the RTF data is captured in the RTF application.

Chart 5. Number of Members On RTF-A Waiting List, ALOS and Median LOS From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Pittsburgh	8	44.62	39.00	14	91	24.85
Allegheny		8	44.62	39.00	14	91	24.85
Summary		8	44.62	39.00	14	91	24.85

* The above chart includes all members in the RTF application that are awaiting admission to a RTF

Chart 6. Number Members Diverted From RTF-A, ALOS and Median LOS On Waiting List From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	ALOS	Median LOS	MIN LOS	MAX LOS	Stand Dev LOS
Allegheny	MBH RTF-A Pittsburgh	47	25.55	21.00	2	119	21.81
Allegheny		47	25.55	21.00	2	119	21.81
Beaver	MBH RTF-A Ohioville	2	9.50	9.50	3	16	9.19
Beaver		2	9.50	9.50	3	16	9.19
Lawrence	MBH RTF-A Ohioville	1	9.00	9.00	9	9	
Lawrence		1	9.00	9.00	9	9	
Summary		50	24.58	20.00	2	119	21.53

* The preceding chart includes all members that were on the RTF waiting list and were removed from the list without having a RTF admission

Chart 7. RTF-A Completion Rate From 9/4/2008 - 3/21/2011

County	RTF Location Name	Waiting List Stays	RTF-A Admissions	Completion Rate
Allegheny	MBH RTF-A Ohioville	1	1	100.00%
	MBH RTF-A Pittsburgh	282	227	80.50%
Allegheny		283	228	80.57%
Beaver	MBH RTF-A Ohioville	74	73	98.65%
Beaver		74	73	98.65%
Butler	MBH RTF-A Ohioville	5	5	100.00%
Butler		5	5	100.00%
Crawford	MBH RTF-A Ohioville	6	6	100.00%
Crawford		6	6	100.00%
Greene	MBH RTF-A Ohioville	7	7	100.00%
Greene		7	7	100.00%
Lawrence	MBH RTF-A Ohioville	13	12	92.31%
Lawrence		13	12	92.31%
Mercer	MBH RTF-A Ohioville	4	4	100.00%
Mercer		4	4	100.00%
Venago	MBH RTF-A Ohioville	5	5	100.00%
Venago		5	5	100.00%
Washington	MBH RTF-A Ohioville	5	5	100.00%
	MBH RTF-A Pittsburgh	1	1	100.00%
Washington		6	6	100.00%
Summary		403	346	85.86%

* The above chart contains all RTF waiting list stays divided by RTF admissions. Waiting list stays contain all discharges, members in-house, the current waiting list and all members diverted. RTF admissions include discharges and members in-house.

Chart 8. RTF-A Readmissions Within 30 Days From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	Stays
Allegheny	MBH RTF-A Pittsburgh	2	2
Allegheny		2	2
Beaver	MBH RTF-A Ohioville	2	2
Beaver		2	2
Crawford	MBH RTF-A Ohioville	1	1
Crawford		1	1

Chart 7. RTF-A Completion Rate From 9/4/2008 - 3/21/2011

* The above chart contains all RTF waiting list stays divided by RTF admissions. Waiting list stays contain all discharges, members in-house, the current waiting list and all members diverted. RTF admissions include discharges and members in-house.

Chart 8. RTF-A Readmissions Within 30 Days From 9/4/2008 - 3/21/2011

County	RTF Location Name	Members	Stays
Lawrence	MBH RTF-A Ohioville	2	2
Lawrence		2	2
Summary		7	7

* The preceding chart includes all members discharged from a RTF and readmitted into a RTF within 30 days