

FY 2011 Mental Health Scorecard for Children and Youth (age 17 and younger)

September 30, 2011

Local Authority	Number of Clients Served		Estimate of Need at 300% of Poverty*			# SED Served		Unfunded		Youth Enrolled in School		Youth Employed		Justice Services	
			# in Need of Treatment	% in Need of Treatment	% of Need Served										
	FY10	FY11				FY10	FY11	FY10	FY11	FY10	FY11	FY10	FY11	FY10	FY11
Rural Counties															
Bear River	1,030	1,152	2,731	5.17%	42.2%	699	777	142	148	833	988	9	19	3	4
Central	376	417	1,398	6.00%	29.8%	296	315	32	35	347	377	1	0	0	0
Four Corners	553	494	557	5.05%	88.7%	351	343	19	376	423	403	11	18	0	1
Northeastern	442	448	892	5.31%	50.2%	188	144	109	116	301	339	10	6	1	0
San Juan	170	163	336	6.71%	48.5%	30	31	34	34	165	155	0	0	0	0
Southwest	1,298	1,452	3,602	6.10%	40.3%	918	937	261	319	1,068	1,213	1	4	10	3
Summit Co. - VMH	240	230	456	4.57%	50.4%	71	60	42	36	225	209	8	12	0	0
Tooele Co. - VMH	470	472	968	4.72%	48.8%	316	327	16	43	441	445	3	7	0	0
Wasatch Co. - Heber	116	123	321	4.53%	38.3%	24	22	67	78	93	93	8	5	0	0
Total	4,678	4,930	11,261	5.48%	43.8%	2,881	2,940	719	1,181	3,881	4,204	51	71	14	8
Urban Counties															
Davis	1,253	1,290	3,984	3.93%	32.4%	1,196	1,238	68	124	1,090	1,155	1	2	1	0
Salt Lake Co. - VMH	4,354	5,206	13,422	4.46%	38.8%	3,776	4,346	438	528	3,787	4,478	25	23	0	0
Utah Co. - Wasatch MH	2,906	2,885	9,346	4.93%	30.9%	2,018	2,189	306	152	2,314	2,513	35	50	12	15
Weber	1,639	1,550	3,461	4.86%	44.8%	1,089	1,112	129	130	1,220	1,272	25	28	15	8
Total	10,037	10,817	30,213	4.56%	35.8%	7,987	8,795	933	922	8,321	9,329	85	102	25	23
State	14,515	15,596	41,373	4.76%	37.7%	10,702	11,619	1,632	2,084	12,024	13,395	131	173	39	31

Client totals are unduplicated across areas; i.e., State is unduplicated across the state, Rural is unduplicated across the rural centers, etc. Clients can receive multiple services and where applicable are duplicated.

Youth Enrolled in Education includes # of clients that were enrolled in education anytime during the fiscal year.
 Youth Employed includes # of clients who were employed or did not stay unemployed during the fiscal year.
 Justice Services includes # of clients with a living status of Jail at anytime during the fiscal year.

*Holzer, C.E., & Nguyen, H. T. (2008). Synthetic Estimates of Mental Health Needs for Utah (based on the Collaborative Psychiatric Epidemiological Surveys and the U.S. Census 2009 Population Estimate), from www.charles.holzer.com **Note:** These estimates are based on the Collaborative Psychiatric Epidemiological Surveys (CPES) conducted in 2001 to 2003 and the U.S. Census updated to 2009, using the MHM3 broad definition and the MHM1 definition at 300% of poverty. The MHM3 definition requires a current or chronic disorder and a disability duration of at least 30 days, and is comparable to Seriously Mentally Disturbed (SMD). For children and adolescents, the estimates use poverty levels to assign rates of Serious Emotional Disturbance (SED). The MHM1 definition include Severe and Persistent Mental Illness.

Red: Minimum requirements not met.
Orange: Median number of days/hours or utilization percentages are below 75% or above 300% of the rural or urban median or utilization totals.

Notes for page 2:

Utilization: Percent of all clients receiving services. Total Outpatient number of clients served is an unduplicated count by provider of any client who receives an outpatient service.
 Median Length of Stay: Median length of time for all clients who received that service. Median is the middle value in a list of numbers.
 Average Length of Stay: Average length of time for all clients who received that service. Average or mean is the total number of time for that service divided by the number of clients receiving that service.
 Inpatient includes MHE service code 170
 Residential includes MHE service codes 171 and 173
 Medication Management includes MHE service codes 61
 Psychosocial Rehabilitation includes MHE service codes 70, 80, 100, 120, and 160
 Target Case Management includes MHE service code 130
 Respite includes MHE service code 150
 Assessment includes MHE service code 22 Diagnosis and Assessment
 Testing is not shown on the scorecard but is included in Total Outpatient
 Treatment Therapy includes MHE service codes 30 Individual Therapy, 31 Electroconvulsive Therapy, 35 Individual Behavior Management, 40 Family Therapy, and 50 Group Therapy
 Outpatient includes all MHE service codes except 170 Inpatient, 171 Residential, 173 Residential Support, and 174 Housing/In Home Skills
 Emergency includes all services codes with emergency indicator set to "yes."
 In-home services include services since January 1, 2011.
 State Hospital data used to calculate utilization, median length of stay and average length of stay only.

Local Authority	Utilization of Mandated Services (Percent of clients receiving services)																								
	State Hospital Inpatient		Community Inpatient		Residential		Outpatient Services														Emergency		In-Home Services		
							Medication Management		Psychosocial Rehabilitation		Targeted Case Management		Respite		Assessment		Treatment Therapy		Total Outpatient						
	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	
Rural Counties																									
Bear River	7	0.6%	13	1.1%	0	0.0%	226	19.6%	280	24.3%	418	36.3%	117	10.2%	818	71.0%	948	82.3%	1,149	99.7%	99	8.6%	109	9.5%	
Central	1	0.2%	3	0.7%	0	0.0%	88	21.1%	160	38.4%	6	1.4%	8	1.9%	308	73.9%	307	73.6%	417	100.0%	44	10.6%	12	2.9%	
Four Corners	1	0.2%	6	1.2%	1	0.2%	109	22.1%	131	26.5%	261	52.8%	4	0.8%	294	59.5%	381	77.1%	493	99.8%	20	4.0%	24	4.9%	
Northeastern	3	0.7%	0	0.0%	0	0.0%	97	21.7%	10	2.2%	8	1.8%	3	0.7%	348	77.7%	335	74.8%	448	100.0%	36	8.0%	2	0.4%	
San Juan	3	1.8%	0	0.0%	0	0.0%	55	33.7%	1	0.6%	2	1.2%	1	0.6%	93	57.1%	113	69.3%	163	100.0%	6	3.7%	2	1.2%	
Southwest	12	0.8%	9	0.6%	0	0.0%	97	6.7%	261	18.0%	1084	74.7%	254	17.5%	1261	86.8%	748	51.5%	1,450	99.9%	34	2.3%	30	2.1%	
Summit Co. - VMH	*	*	0	0.0%	0	0.0%	72	31.3%	19	8.3%	20	8.7%	8	3.5%	151	65.7%	154	67.0%	230	100.0%	4	1.7%	0	0.0%	
Tooele Co. - VMH	*	*	14	3.0%	0	0.0%	110	23.3%	63	13.3%	168	35.6%	33	7.0%	304	64.4%	374	79.2%	466	98.7%	0	0.0%	13	2.8%	
Wasatch Co. - Heber	1	0.8%	1	0.8%	0	0.0%	9	7.3%	37	30.1%	3	2.4%	9	7.3%	76	61.8%	78	63.4%	123	100.0%	16	13.0%	0	0.0%	
Total	28	0.6%	44	0.9%	1	0.0%	856	17.4%	957	19.4%	1964	39.8%	436	8.84%	3642	73.9%	3,423	69.4%	4,918	99.8%	256	5.2%	192	3.9%	
Urban Counties																									
Davis	7	0.5%	28	2.2%	2	0.2%	427	33.1%	163	12.6%	241	18.7%	86	6.7%	1061	82.2%	933	72.3%	1,284	99.5%	20	1.6%	119	9.2%	
Salt Lake Co. - VMH	42	0.8%	183	3.5%	65	1.2%	1,688	32.4%	1,103	21.2%	1024	19.7%	180	3.5%	2996	57.5%	4,062	78.0%	5,159	99.1%	47	0.9%	97	1.9%	
Utah Co. - Wasatch MH	22	0.8%	45	1.6%	529	18.3%	656	22.7%	623	21.6%	1155	40.0%	313	10.8%	2318	80.3%	2,336	81.0%	2,847	98.7%	56	1.9%	102	3.5%	
Weber	11	0.7%	49	3.2%	6	0.4%	346	22.3%	231	14.9%	549	35.4%	11	0.7%	1012	65.3%	1,038	67.0%	1,546	99.7%	71	4.6%	60	3.9%	
Total	82	0.8%	294	2.7%	596	5.5%	3,080	28.5%	2,098	19.4%	2918	27.0%	584	5.40%	7323	67.7%	8,309	76.8%	10,725	99.1%	189	1.7%	378	3.5%	
State	110	0.7%	324	2.1%	589	3.8%	3,893	25.0%	3,024	19.4%	4813	30.9%	1012	6.49%	10877	69.7%	11,621	74.5%	15,498	99.4%	436	2.8%	570	3.7%	

Local Authority	Time in Service for Mandated Services (Days or hours for clients receiving services)																									
	State Hospital Inpatient		Inpatient		Residential		Outpatient Services														Emergency		In-home Services			
							Medication Management		Psychosocial Rehabilitation		Targeted Case Management		Respite		Assessment		Treatment Therapy		Total Outpatient							
	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average	Median	Average		
Rural Counties																										
Bear River	150.00	153.57	6.00	7.44	0.00	0.00	1.83	2.24	16.76	26.34	1.09	2.63	4.45	10.31	2.00	2.32	4.80	9.13	6.40	18.19	0.92	1.28	8.01	10.43		
Central	156.00	156.00	6.00	8.67	0.00	0.00	2.00	2.52	41.25	68.96	1.00	1.00	41.38	46.63	2.00	3.22	4.00	7.64	10.00	35.91	1.25	2.20	0.88	1.75		
Four Corners	64.00	64.00	8.50	8.00	1.00	1.00	1.58	1.77	5.00	9.77	1.84	6.72	2.63	2.81	2.00	2.00	4.57	11.45	6.50	16.63	0.92	2.48	1.00	2.86		
Northeastern	140.00	131.33	0.00	0.00	0.00	0.00	1.00	1.40	10.88	17.88	5.25	6.97	2.50	4.33	2.00	3.14	5.50	10.03	6.00	10.82	1.00	1.47	7.25	7.25		
San Juan	145.00	118.00	0.00	0.00	0.00	0.00	1.50	1.84	16.00	16.00	0.63	0.63	140.50	140.50	1.00	1.77	3.75	6.66	3.25	7.21	1.00	3.54	61.75	61.75		
Southwest	145.00	165.67	7.00	8.00	0.00	0.00	1.50	1.93	20.00	26.84	0.25	2.10	26.50	39.87	2.50	2.96	6.00	19.34	4.75	26.29	0.25	0.54	1.50	3.00		
Summit Co. - VMH	*	*	0.00	0.00	0.00	0.00	1.05	1.42	14.00	20.97	0.45	0.79	287.05	276.89	2.00	2.16	3.75	6.95	4.00	17.95	1.00	1.25	0.00	0.00		
Tooele Co. - VMH	*	*	7.00	8.64	0.00	0.00	0.60	0.78	30.00	55.36	0.45	1.10	94.30	212.68	1.60	2.00	3.53	5.95	4.75	29.21	0.00	0.00	0.45	1.28		
Wasatch Co. - Heber	176.00	176.00	15.00	15.00	0.00	0.00	1.00	4.03	21.00	23.70	1.50	1.50	10.50	40.81	2.00	2.01	5.63	8.86	9.00	17.31	1.00	1.95	0.00	0.00		
Total	147.50	150.25	7.00	8.13	1.00	1.00	1.37	1.82	19.00	32.79	0.50	2.75	20.38	49.20	2.00	2.62	4.78	11.05	5.66	21.89	1.00	1.55	3.25	7.66		
Urban Counties																										
Davis	104.00	133.71	5.00	8.25	36.00	36.00	1.50	1.60	14.75	36.18	1.50	5.59	16.63	24.05	2.50	3.37	7.00	12.86	7.00	19.94	1.00	1.14	3.75	7.43		
Salt Lake Co. - VMH	169.00	189.52	9.00	11.49	66.00	69.72	1.10	1.41	134.25	299.30	0.83	1.96	151.38	174.91	2.45	3.28	6.00	16.04	7.50	87.76	2.45	2.69	2.45	7.24		
Utah Co. - Wasatch MH	218.00	182.68	9.00	13.22	2.00	4.49	2.75	3.07	3.25	64.11	2.00	6.92	5.50	10.34	2.00	2.40	7.50	23.07	9.50	39.85	1.25	1.38	2.00	4.42		
Weber	139.00	141.55	8.00	9.10	275.00	225.17	1.75	2.00	32.00	133.19	0.50	1.04	7.50	8.59	2.00	2.36	5.25	8.02	6.00	28.15	0.75	1.06	2.00	3.80		
Total	165.50	176.49	8.00	10.91	2.50	13.20	1.38	1.86	38.58	191.67	1.00	4.03	10.25	62.73	2.25	2.89	6.15	16.69	8.00	58.68	1.00	1.55	2.68	5.99		
State	158.00	169.81	8.00	10.59	2.00	13.04	1.40	1.85	25.00	142.89	0.85	3.52	12.88	56.37	2.07	2.80	5.90	15.10	7.00	47.30	1.00	1.53	2.99	6.55		

Local Authority	OQ Measures											
	Valid YOQ Clients Served	Unduplicated Number of Clients Participating	Percent Unduplicated Number of Clients Participating	Percent of Clients Matching to SAMHIS **	In Treatment					Discharged		
					In Recovery*		Improved	Stable	Deteriorated	Recovered		Not Recovered
					% of Episodes	# of Episodes	% of Episodes	% of Episodes	% of Episodes	% of Episodes	# of Episodes	# of Episodes
Rural Counties												
Bear River	849	513	60.4%	99.4%	23.21	146	16.06	45.31	15.42	5.88	37	111
Central	313	221	70.6%	93.2%	25.98	66	19.29	38.98	15.75	6.30	16	64
Four Corners	402	283	70.4%	92.3%	29.65	102	7.27	48.84	14.24	4.07	14	36
Northeastern	354	218	61.6%	95.5%	27.72	74	19.48	38.95	13.86	5.99	16	52
San Juan	143	23	16.1%	90.6%	30.77	8	15.38	46.15	7.69	3.85	1	1
Southwest	1,016	553	54.4%	96.1%	25.36	194	17.52	42.88	14.25	11.90	91	228
Summit Co. - VMH	191	92	48.2%	85.6%	31.48	34	13.89	44.44	10.19	4.63	5	13
Tooele Co. - VMH	384	196	51.0%	93.2%	25.21	59	23.93	34.62	16.24	3.42	8	14
Wasatch Co. - Heber	105	56	53.3%	94.4%	28.81	17	23.73	38.98	8.47	15.25	9	19
Total												
Urban Counties												
Davis	942	615	65.3%	97.7%	19.97	133	20.12	40.99	18.92	7.81	52	153
Salt Lake Co. - VMH	3,802	2,341	61.6%	93.9%	26.16	888	23.01	35.53	15.29	9.37	318	710
Utah Co. - Wasatch MH	2,198	1,696	77.2%	99.1%	34.69	715	19.36	33.77	12.18	12.86	265	390
Weber	1,053	869	82.5%	98.8%	27.81	272	22.29	36.20	13.70	11.55	113	264
Total												
State	11,522	7,644	66.3%		27.68	2,708	20.26	37.58	14.49	9.66	945	2,055

Red: Minimum requirements not met.

^ Discharge includes clients who have been discharged in the current year or have not received any events of service for at least 7 months.

Valid YOQ Clients Served excludes children 5 years of age and younger, and any client who receives only assessment or testing services or received services in Jail.

Percent of Clients Participating: Minimum requirement is 50% or more.

**Minimum requirement of matching clients with SAMHIS is 90%, if results are in red it means the provider didn't meet this requirement.

Clients and Episodes are included if there are 2 or more valid administrations per instrument where one or more was administered within the fiscal year.

Deteriorated: Clients who have had a *Clinically Significant increase in symptoms from intake.

Improved: Clients who have had a *Clinically Significant reduction in symptoms from intake.

Recovery: If a client's score drops below the empirically derived cutoff between clinical scores and community normative scores and there has been *Clinically Significant change, then the client is classified as recovered. This number does not include clients in Recovery who are only receiving medication management services.

Clinically Significant: calculated using the instrument's Reliable Change Index (RCI) and cutoff score, which together define standards for clinically significant change achieved during mental health treatment. The RCI is the amount by which a client's total score must increase (deterioration) or decrease (improvement) from intake to be considered clinically significant. Changes in the total score that are less than the RCI are not statistically relevant (i.e. no change). Outcomes are not calculated until there has been reliable change within a given instrument.

Outcomes; Improved, Stable, Recovered, and Deteriorated are calculated by episode.