

FY 2012 Mental Health Scorecard for Children and Youth (age 17 and younger)

September 28, 2012

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										
	FY2011	FY2012				FY2011	FY2012	FY2011	FY2012	FY2011	FY2012	FY2011	FY2012	FY2011	FY2012
Rural Counties															
Bear River	1,152	1,120	2,731	5.14%	41.0%	777	795	148	157	988	974	19	14	4	20
Central	417	486	1,398	5.82%	34.8%	315	370	35	45	377	446	0	1	0	0
Four Corners	494	437	557	4.93%	78.5%	343	306	376	19	403	356	18	8	1	0
Northeastern	448	551	892	5.05%	61.8%	144	142	116	121	339	433	6	4	0	5
San Juan	163	153	336	6.82%	45.5%	31	22	34	37	155	149	0	0	0	0
Southwest	1,452	1,558	3,602	5.85%	43.3%	937	1,025	319	190	1,213	1,334	4	1	3	6
Summit Co.	230	217	456	4.42%	47.6%	60	73	36	21	209	203	12	23	0	5
Tooele Co.	472	525	968	4.56%	54.2%	327	365	43	44	445	475	7	9	0	0
Wasatch Co. - Heber	123	135	321	3.92%	42.1%	22	21	78	52	93	115	5	9	0	0
Total	4,930	5,163	11,261	5.30%	45.8%	2,940	3,105	1,181	683	4,204	4,474	71	69	8	36
Urban Counties															
Davis	1,290	1,446	3,984	3.75%	36.3%	1,238	1,329	124	48	1,155	1,313	2	2	0	5
Salt Lake Co.	5,206	4,702	13,422	4.42%	35.0%	4,346	3,793	528	209	4,478	4,082	23	22	0	5
Utah Co. - Wasatch MH	2,885	2,856	9,346	5.07%	30.6%	2,189	2,198	152	90	2,513	2,492	50	41	15	5
Weber	1,550	1,479	3,461	4.72%	42.7%	1,112	1,087	130	81	1,272	1,262	28	17	8	18
Total	10,817	10,380	30,213	4.52%	34.4%	8,795	8,324	922	419	9,329	9,066	102	81	23	32
State	15,596	15,406	41,373	4.70%	37.2%	11,619	11,315	2,084	1,094	13,395	13,425	173	150	31	66

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 services using a location code of Jail.

*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.

Notes for page 2:

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.

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."
 Peer Support Services includes MHE service code 130 Peer Support.
 In-Home and School-Based Services are based on service location code.
 State Hospital data used to calculate utilization, median and average days of service during the fiscal year only.

Local Authority	Utilization of Mandated Services (Percent of clients receiving services)																											
	State Hospital Inpatient		Community Inpatient		Residential		Outpatient Services														Emergency		Peer Support Services		School-Based Services		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	# of Clients	Percent	# of Clients	Percent
Rural Counties																												
Bear River	5	0.4%	12	1.1%	0	0.0%	226	20.2%	296	26.4%	477	42.6%	124	11.1%	779	69.6%	927	82.8%	1,119	99.9%	93	8.3%	0	0.0%	268	23.9%	214	19.1%
Central	1	0.2%	5	1.0%	0	0.0%	89	18.3%	159	32.7%	5	1.0%	17	3.5%	342	70.4%	351	72.2%	484	99.6%	29	6.0%	0	0.0%	16	3.3%	4	0.8%
Four Corners	2	0.5%	6	1.4%	0	0.0%	108	24.7%	52	11.9%	192	43.9%	10	2.3%	282	64.5%	351	80.3%	437	100.0%	10	2.3%	0	0.0%	0	0.0%	32	7.3%
Northeastern	0	0.0%	8	1.5%	0	0.0%	99	18.0%	10	1.8%	10	1.8%	15	2.7%	468	84.9%	407	73.9%	551	100.0%	50	9.1%	0	0.0%	56	10.2%	3	0.5%
San Juan	1	0.7%	0	0.0%	0	0.0%	47	30.7%	0	0.0%	3	2.0%	1	0.7%	93	60.8%	100	65.4%	153	100.0%	11	7.2%	0	0.0%	1	0.7%	3	2.0%
Southwest	7	0.4%	11	0.7%	0	0.0%	88	5.6%	275	17.7%	1210	77.7%	199	12.8%	1,303	83.6%	911	58.5%	1,555	99.8%	52	3.3%	0	0.0%	224	14.4%	38	2.4%
Summit Co.	0	0.0%	0	0.0%	0	0.0%	79	36.4%	0	0.0%	6	2.8%	16	7.4%	160	73.7%	128	59.0%	217	100.0%	6	2.8%	0	0.0%	0	0.0%	0	0.0%
Tooele Co.	4	0.8%	13	2.5%	2	0.4%	122	23.2%	63	12.0%	191	36.4%	42	8.0%	349	66.5%	419	79.8%	522	99.4%	0	0.0%	0	0.0%	0	0.0%	12	2.3%
Wasatch Co. - Heber	0	0.0%	0	0.0%	0	0.0%	9	6.7%	5	3.7%	4	3.0%	0	0.0%	102	75.6%	112	83.0%	135	100.0%	7	5.2%	0	0.0%	8	5.9%	0	0.0%
Total	16	0.3%	55	1.1%	2	0.0%	861	16.7%	853	16.5%	2090	40.5%	422	8.17%	3,868	74.9%	3,692	71.5%	5,154	99.8%	258	5.0%	0	0.0%	573	11.1%	306	5.9%
Urban Counties																												
Davis	12	0.8%	50	3.5%	1	0.1%	455	31.5%	214	14.8%	172	11.9%	87	6.0%	1,208	83.5%	1,034	71.5%	1,441	99.7%	59	4.1%	0	0.0%	72	5.0%	130	9.0%
Salt Lake Co.	55	1.2%	182	3.9%	51	1.1%	1,351	28.7%	1,151	24.5%	671	14.3%	172	3.7%	2,870	61.0%	3,789	80.6%	4,643	98.7%	11	0.2%	29	0.6%	91	1.9%	53	1.1%
Utah Co. - Wasatch MH	19	0.7%	38	1.3%	503	17.6%	736	25.8%	642	22.5%	1224	42.9%	420	14.7%	2,009	70.3%	2,335	81.8%	2,822	98.8%	60	2.1%	25	0.9%	589	20.6%	281	9.8%
Weber	10	0.7%	69	4.7%	7	0.5%	358	24.2%	113	7.6%	101	6.8%	28	1.9%	974	65.9%	1,141	77.1%	1,462	98.9%	49	3.3%	0	0.0%	63	4.3%	73	4.9%
Total	100	1.0%	326	3.1%	558	5.4%	2,869	27.6%	2,099	20.2%	2,146	20.7%	703	6.77%	7,000	67.4%	8,226	79.2%	10,271	98.9%	174	1.7%	0	0.0%	815	7.9%	537	5.2%
State	116	0.8%	368	2.4%	554	3.6%	3,683	23.9%	2,929	19.0%	4,203	27.3%	1,118	7.26%	10,803	70.1%	11,829	76.8%	15,294	99.3%	424	2.8%	54	0.4%	1,388	9.0%	843	5.5%

Local Authority	Time in Service for Mandated Services (Days or hours for clients receiving services)																											
	State Hospital Inpatient		Inpatient		Residential		Outpatient Services														Emergency		Peer Support Services		School-Based Services		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	Median	Average	Median	Average
Rural Counties																												
Bear River	151.00	127.20	6.00	5.92	0.00	0.00	1.57	2.08	18.90	25.02	1.02	2.44	5.96	12.11	2.00	2.36	5.41	8.84	7.57	18.60	0.90	1.19	0.00	0.00	3.22	4.16	4.56	9.06
Central	264.00	264.00	8.00	10.80	0.00	0.00	2.00	2.57	40.75	64.73	0.75	1.20	44.25	34.41	2.00	1.79	4.00	7.07	6.25	29.36	1.50	1.80	0.00	0.00	18.50	12.39	0.50	0.75
Four Corners	149.50	149.50	2.00	2.50	0.00	0.00	1.75	1.89	10.96	17.96	1.22	4.91	2.00	2.88	1.50	1.65	4.50	10.11	5.58	14.02	0.71	0.84	0.00	0.00	0.00	0.00	1.13	3.40
Northeastern	0.00	0.00	11.00	26.88	0.00	0.00	1.00	1.14	2.75	8.18	3.00	6.15	8.00	9.62	2.25	2.68	6.00	8.59	6.50	9.38	1.00	1.28	0.00	0.00	7.13	7.55	2.00	2.00
San Juan	83.00	83.00	0.00	0.00	0.00	0.00	1.75	2.48	0.00	0.00	1.00	1.25	44.00	44.00	1.50	1.66	7.13	9.96	4.00	8.59	2.00	1.93	0.00	0.00	1.00	1.00	22.25	27.50
Southwest	94.00	127.00	8.00	9.73	0.00	0.00	1.75	2.07	25.25	43.72	0.25	1.16	11.00	19.07	2.25	2.52	5.50	15.35	4.75	22.47	0.38	0.58	0.00	0.00	3.50	5.25	1.50	2.89
Summit Co.	0.00	0.00	0.00	0.00	0.00	0.00	0.90	1.05	0.00	0.00	1.00	0.74	203.45	199.28	2.00	1.84	4.00	7.90	3.30	21.11	1.00	1.44	0.00	0.00	0.00	0.00	0.00	0.00
Tooele Co.	160.50	147.50	8.00	16.69	107.00	107.00	0.60	0.68	12.00	39.11	0.40	0.94	220.15	272.92	1.75	1.98	4.35	9.02	5.25	35.75	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.82
Wasatch Co. - Heber	0.00	0.00	0.00	0.00	0.00	0.00	0.75	10.72	3.00	3.30	1.00	1.00	0.00	0.00	2.00	1.81	7.88	14.13	6.75	14.21	1.25	1.46	0.00	0.00	3.13	9.91	0.00	0.00
Total	133.50	135.69	7.00	12.35	107.00	107.00	1.20	1.81	22.50	38.59	0.50	1.80	11.09	49.09	2.00	2.26	5.00	10.56	5.68	20.80	1.00	1.18	0.00	0.00	3.75	5.22	2.68	7.39
Urban Counties																												
Davis	210.50	197.92	6.00	8.66	164.00	164.00	1.50	1.76	11.25	38.41	2.25	5.19	15.00	15.75	3.00	2.95	6.50	10.66	7.00	17.98	1.00	1.54	0.00	0.00	5.25	13.22	3.25	7.43
Salt Lake Co.	127.00	148.56	8.00	11.14	80.00	88.14	1.00	1.29	168.65	415.37	0.60	1.72	124.78	145.55	2.00	3.25	7.00	19.05	9.00	128.00	0.30	1.13	1.60	2.09	12.10	13.08	1.75	3.01
Utah Co. - Wasatch MH	151.00	149.63	9.50	12.11	2.00	4.31	2.50	2.62	3.00	63.73	2.00	7.00	5.25	9.83	2.00	2.04	8.25	26.72	11.00	43.71	1.00	1.20	2.00	7.83	8.75	73.26	2.25	4.75
Weber	111.50	125.30	9.00	10.61	176.00	166.29	2.00	2.03	40.00	252.08	1.25	1.79	16.63	17.87	2.00	2.20	6.75	10.98	7.50	30.96	0.75	0.76	0.00	0.00	8.50	15.01	2.75	6.06
Total	139.50	152.32	8.00	10.83	2.00	14.03	1.35	1.80	43.00	262.27	1.25	4.96	8.00	44.11	2.00	2.71	7.25	19.02	9.00	76.09	1.00	1.19	2.00	4.75	9.25	56.73	2.50	5.40
State	139.50	150.03	8.00	10.77	2.00	13.99	1.30	1.81	30.10	198.60	0.75	3.41	9.00	45.79	2.00	2.56	6.50	16.45	7.75	57.87	1.00	1.19	2.00	4.75	5.50	35.47	2.50	6.12

FY 2012 Mental Health Scorecard for Children and Youth (age 17 and younger) *Continued*

September 28, 2012

Local Authority	OQ Measures											
	Valid YOQ Clients Served FY2012 Q2	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	842	562	66.7%	99.8%	22.78	154	39.20	44.23	16.57	6.66	45	116
Central	335	234	69.9%	95.0%	24.42	63	45.74	38.76	15.50	6.98	18	51
Four Corners	350	237	67.7%	93.2%	20.29	56	28.99	51.81	19.20	2.90	8	33
Northeastern	416	345	82.9%	97.5%	20.00	75	37.60	49.07	13.33	7.20	27	65
San Juan	131	34	26.0%	97.1%	18.92	7	32.43	59.46	8.11	8.11	3	4
Southwest	1,186	678	57.2%	97.1%	25.21	241	43.93	42.57	13.49	10.25	98	243
Summit Co.	171	114	66.7%	89.1%	31.03	63	50.74	31.03	18.23	9.36	19	33
Tooele Co.	421	163	38.7%	90.7%	16.28	49	39.87	37.87	22.26	2.33	7	27
Wasatch Co. - Heber	101	57	56.4%	94.4%	34.48	20	50.00	34.48	15.52	8.62	5	22
Total												
Urban Counties												
Davis	1,060	648	61.1%	97.6%	30.64	231	50.27	33.02	16.71	8.22	62	126
Salt Lake Co.	3,343	2,231	66.7%	90.8%	24.82	916	49.50	34.46	16.04	6.56	242	558
Utah Co. - Wasatch MH	2,193	1,727	78.8%	99.6%	31.25	725	49.44	39.22	11.34	11.90	276	450
Weber	997	901	90.4%	99.6%	35.34	352	59.44	30.42	10.14	14.96	149	229
Total												
State	11,345	7,877	69.4%		27.08	2,952	48.00	37.48	14.51	8.80	959	1,957

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.