

FY 2013 Mental Health Scorecard for Children and Youth (age 17 and younger)

September 16, 2013

Local Authority	Number of Clients Served		Estimate of Need at 300% of Poverty*			# SED Served		Unfunded		Youth Enrolled in School		Youth Employed		Justice Services		Family Resource Facilitators Peer Support Services Clients Served^
			# in Need of Treatment	% in Need of Treatment	% of Need Served											
	FY2012	FY2013				FY2012	FY2013	FY2012	FY2013	FY2012	FY2013	FY2012	FY2013	FY2012	FY2013	FY2013
Rural Counties																
Bear River	1,120	1,208	2,731	5.15%	44.2%	795	898	157	120	974	1,040	14	6	20	8	36
Central	486	484	1,398	5.93%	34.6%	370	390	45	21	446	451	1	4	0	1	96
Four Corners	437	455	557	4.93%	81.7%	306	290	19	13	356	304	8	36	0	1	50
Northeastern	551	677	892	4.87%	75.9%	142	162	121	111	433	579	4	10	5	16	27
San Juan	153	131	336	6.92%	39.0%	22	29	37	27	149	127	0	2	0	0	27
Southwest	1,558	1,435	3,602	5.81%	39.8%	1,025	933	190	120	1,334	1,306	1	6	6	8	142
Summit Co.	217	169	456	4.47%	37.1%	73	79	21	31	203	160	23	14	5	0	40
Tooele Co.	525	539	968	4.57%	55.7%	365	401	44	103	475	484	9	6	0	0	128
Wasatch Co.	135	160	321	3.84%	49.8%	21	88	52	44	115	142	9	5	0	0	22
Total	5,163	5,240	11,261	5.29%	46.5%	3,105	3,264	683	590	4,474	4,577	69	89	36	34	568
Urban Counties																
Davis	1,446	1,510	3,984	3.73%	37.9%	1,329	1,226	48	182	1,313	1,362	2	3	5	0	476
Salt Lake Co.	4,702	5,401	13,422	4.38%	40.2%	3,793	4,116	209	253	4,082	4,442	22	99	5	0	278
Utah Co. - Wasatch MH	2,856	3,191	9,346	4.97%	34.1%	2,198	2,542	90	113	2,492	2,816	41	64	5	13	190
Weber	1,479	1,511	3,461	4.70%	43.7%	1,087	1,155	81	90	1,262	1,291	17	14	18	15	132
Total	10,380	11,516	30,213	4.47%	38.1%	8,324	8,963	419	628	9,066	9,825	81	114	32	28	1,076
State	15,406	16,613	41,373	4.66%	40.2%	11,315	12,113	1,094	1,211	13,425	14,289	150	267	66	61	1,644

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.

Family Resource Facilitators Peer Support Services are not captured in SAMHIS and will not be noted in other areas of the scorecard. The number served are not all included in total clients served by provider.

*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:

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

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 and 62

Psychosocial Rehabilitation includes MHE service codes 80 and 100

Case Management includes MHE service codes 120 and 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 85 Peer Support.

In-Home and School-Based Services are based on service location code.

State Hospital data used to calculate utilization, total 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					
	# 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	4	0.3%	23	1.9%	1	0.1%	200	16.6%	375	31.0%	598	49.5%	153	12.7%	828	68.5%	1,044	86.4%	1,202	99.5%	90	7.5%	0	0.0%	380	31.5%	286	23.7%
Central	4	0.8%	6	1.2%	0	0.0%	78	16.1%	156	32.2%	31	6.4%	15	3.1%	308	63.6%	379	78.3%	482	99.6%	28	5.8%	14	2.9%	6	1.2%	14	2.9%
Four Corners	1	0.2%	4	0.9%	1	0.2%	93	20.4%	77	16.9%	209	45.9%	33	7.3%	285	62.6%	342	75.2%	455	100.0%	22	4.8%	11	2.4%	94	20.7%	21	4.6%
Northeastern	2	0.3%	5	0.7%	0	0.0%	113	16.7%	19	2.8%	5	0.7%	16	2.4%	530	78.3%	536	79.2%	677	100.0%	65	9.6%	0	0.0%	71	10.5%	1	0.1%
San Juan	1	0.8%	0	0.0%	0	0.0%	48	36.6%	0	0.0%	6	4.6%	1	0.8%	84	64.1%	89	67.9%	131	100.0%	3	2.3%	0	0.0%	5	3.8%	2	1.5%
Southwest	11	0.8%	17	1.2%	0	0.0%	98	6.8%	270	18.8%	654	45.6%	200	13.9%	1,001	69.8%	1,163	81.0%	1,433	99.9%	64	4.5%	60	4.2%	553	38.5%	15	1.0%
Summit Co.	0	0.0%	1	0.6%	0	0.0%	77	45.6%	0	0.0%	14	8.3%	18	10.7%	102	60.4%	98	58.0%	169	100.0%	7	4.1%	0	0.0%	0	0.0%	0	0.0%
Tooele Co.	6	1.1%	18	3.3%	1	0.2%	102	18.9%	31	5.8%	174	32.3%	51	9.5%	360	66.8%	421	78.1%	538	98.8%	0	0.0%	0	0.0%	0	0.0%	21	3.9%
Wasatch Co. - Heber	0	0.0%	0	0.0%	0	0.0%	7	4.4%	16	10.0%	29	18.1%	2	1.3%	125	78.1%	129	80.6%	160	100.0%	6	3.8%	2	1.3%	72	45.0%	7	4.4%
Total	29	0.6%	74	1.4%	3	0.1%	811	15.5%	944	18.0%	1715	32.7%	488	9.31%	3,611	68.9%	4,190	80.0%	5,229	99.8%	284	5.4%	87	1.7%	1,181	22.5%	367	7.0%
Urban Counties																												
Davis	14	0.9%	51	3.4%	0	0.0%	593	39.3%	226	15.0%	162	10.7%	102	6.8%	1,029	68.1%	1,226	81.2%	1,508	99.9%	121	8.0%	120	7.9%	5	0.3%	64	4.2%
Salt Lake Co.	37	0.7%	203	3.8%	10	0.2%	1,299	24.1%	1,167	21.6%	959	17.8%	270	5.0%	3,728	69.0%	4,683	86.7%	5,361	99.3%	3	0.1%	165	3.1%	97	1.8%	89	1.6%
Utah Co. - Wasatch MH	19	0.6%	86	2.7%	529	16.6%	840	26.3%	652	20.4%	1294	40.6%	432	13.5%	2,185	68.5%	2,593	81.3%	3,154	98.8%	89	2.8%	75	2.4%	641	20.1%	440	13.8%
Weber	11	0.7%	57	3.8%	4	0.3%	348	23.0%	100	6.6%	99	6.6%	4	0.3%	968	64.1%	1,193	79.0%	1,496	99.0%	65	4.3%	39	2.6%	202	13.4%	64	4.2%
Total	81	0.7%	386	3.4%	540	4.7%	3,042	26.4%	2,131	18.5%	2496	21.7%	806	7.00%	7,866	68.3%	9,627	83.6%	11,428	99.2%	274	2.4%	398	3.5%	945	8.2%	657	5.7%
State	110	0.7%	446	2.7%	536	3.2%	3,823	23.0%	3,052	18.4%	4174	25.1%	1277	7.69%	11,395	68.6%	13,709	82.5%	16,515	99.4%	551	3.3%	482	2.9%	2,126	12.8%	1024	6.2%

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					
	# of Bed Days	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	784	196.00	9.00	9.26	2.00	2.00	1.65	2.03	11.50	17.75	1.23	2.85	4.50	7.60	2.01	2.37	5.26	8.69	8.71	17.74	0.91	1.18	0.00	0.00	4.27	6.28	3.99	7.45
Central	292	73.00	10.00	12.33	0.00	0.00	1.49	2.25	44.31	67.06	6.77	7.34	10.04	26.48	1.88	1.90	3.42	6.04	6.34	29.57	1.12	1.38	5.21	8.38	1.70	1.92	5.52	8.38
Four Corners	61	61.00	1.50	1.75	1.00	1.00	1.50	1.71	4.00	9.23	2.00	4.17	6.75	14.47	1.50	1.75	4.25	9.47	5.50	13.23	1.00	1.50	3.50	5.89	3.50	5.11	1.67	3.40
Northeastern	530	265.00	8.00	11.80	0.00	0.00	0.75	1.08	6.00	10.71	2.50	2.20	5.00	11.69	2.00	1.99	5.00	8.61	5.50	9.19	1.00	1.27	0.00	0.00	4.50	6.06	0.25	0.25
San Juan	118	118.00	0.00	0.00	0.00	0.00	1.50	1.88	0.00	0.63	4.67	9.00	0.00	2.00	1.99	3.00	6.49	3.75	6.65	1.00	1.08	0.00	0.00	0.00	2.50	2.90	11.13	11.13
Southwest	1,279	116.27	9.00	19.06	0.00	0.00	1.75	1.96	31.25	47.76	0.54	1.28	7.50	15.49	2.25	2.49	5.27	13.29	6.55	24.99	1.04	1.31	1.50	2.57	4.30	5.42	2.00	2.47
Summit Co.	0	0.00	91.00	91.00	0.00	0.00	0.70	0.89	0.00	0.15	0.63	203.15	215.64	2.00	1.91	4.20	6.20	3.10	28.17	1.30	2.48	0.00	0.00	0.00	0.00	0.00	0.00	
Tooele Co.	704	117.33	10.50	42.39	36.00	36.00	0.45	0.49	13.20	16.74	0.60	1.62	355.00	294.25	2.00	1.94	3.00	11.74	4.00	39.96	0.00	0.00	0.00	0.00	0.00	0.00	0.45	3.20
Wasatch Co. - Heber	0	0.00	0.00	0.00	0.00	0.00	0.75	4.75	1.50	2.34	0.50	0.96	51.75	51.75	1.75	1.72	5.75	11.86	6.00	12.26	1.63	1.63	6.25	6.25	10.38	12.54	0.50	3.61
Total	3,768	129.93	9.00	20.69	2.00	13.00	1.05	1.59	17.50	33.35	0.90	2.33	8.00	49.84	2.00	2.17	4.75	10.09	6.00	21.54	1.00	1.31	1.99	4.01	4.49	6.12	3.33	6.73
Urban Counties																												
Davis	2,818	201.29	6.00	10.25	0.00	0.00	1.75	1.97	10.50	36.50	3.24	6.38	14.88	19.27	2.00	2.50	5.50	9.16	6.52	17.91	1.00	1.55	1.12	6.61	1.75	1.75	3.00	4.56
Salt Lake Co.	6,456	174.49	8.00	9.94	34.50	29.20	0.95	1.31	72.00	249.72	1.00	2.17	110.93	137.54	2.00	2.91	6.98	25.13	10.30	86.18	0.30	0.55	1.90	3.50	6.00	7.16	3.00	5.84
Utah Co. - Wasatch MH	3,250	171.05	9.00	12.91	2.00	4.64	1.50	1.66	3.00	68.09	1.50	6.94	5.00	13.49	2.00	2.26	7.50	29.57	10.00	45.72	1.25	1.59	5.00	7.62	9.00	79.93	2.00	5.17
Weber	2,009	182.64	8.00	9.54	271.50	240.75	1.00	1.14	42.00	281.99	1.50	2.15	7.75	8.81	2.50	2.38	6.75	10.23	7.75	29.50	1.00	0.96	1.25	3.08	14.75	16.84	2.88	5.50
Total	14,533	179.42	8.00	10.59	2.00	6.85	1.15	1.52	26.70	173.91	1.25	4.84	9.13	55.73	2.00	2.61	6.80	22.55	9.45	59.02	1.00	1.41	2.05	5.16	9.00	58.56	2.25	5.23
State	18,301	166.37	8.00	12.20	2.00	6.90	1.12	1.54	21.50	131.53	1.15	3.81	8.50	53.66	2.00	2.47	6.00	18.80	8.15	47.46	1.00	1.34	2.00	4.98	5.84	29.43	2.63	5.77

FY 2013 Mental Health Scorecard for Children and Youth (age 17 and younger) *Continued*

September 16, 2013

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	949	668	70.4%	98.8%	23.59	184	16.67	44.23	15.51	6.92	54	145
Central	353	232	65.7%	96.4%	20.88	62	20.88	43.10	15.15	6.06	18	54
Four Corners	349	229	65.6%	88.3%	25.39	65	15.23	44.53	14.84	4.30	11	28
Northeastern	504	394	78.2%	97.3%	30.84	132	16.59	41.12	11.45	6.31	27	75
San Juan	108	20	18.5%	94.9%	14.29	3	19.05	47.62	19.05	0.00	0	0
Southwest	1,083	775	71.6%	95.5%	23.56	257	17.97	45.28	13.20	3.94	43	116
Summit Co.	148	90	60.8%	86.5%	26.17	28	29.91	35.51	8.41	13.08	14	17
Tooele Co.	418	206	49.3%	92.0%	25.10	66	17.87	38.02	19.01	1.14	3	14
Wasatch Co. - Heber	117	37	31.6%	96.9%	45.95	17	5.41	35.14	13.51	35.14	13	16
Total												
Urban Counties												
Davis	1,194	637	53.4%	95.6%	22.84	177	13.55	48.52	15.10	2.71	21	90
Salt Lake Co.	4,035	2,427	60.1%	86.2%	25.66	1,054	21.06	38.40	14.88	6.62	272	777
Utah Co. - Wasatch MH	2,476	1,942	78.4%	97.9%	31.79	763	16.92	37.96	13.33	11.00	264	440
Weber	1,074	1,009	93.9%	97.2%	38.62	424	22.31	29.78	9.29	16.94	186	270
Total												
State												
	12,610	8,616	68.3%		27.72	3,232	18.90	39.53	13.85	7.94	926	2,042

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.