

FY 2010 Mental Health Scorecard for Children and Youth (age 17 and younger)

October 27, 2010

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										
	FY09	FY10				FY09	FY10	FY09	FY10	FY09	FY10	FY09	FY10	FY09	FY10
Rural Counties															
Bear River	921	1,030	2,419	4.58%	42.6%	651	699	112	142	760	833	9	9	9	3
Central	385	376	1,261	5.41%	29.8%	314	296	26	32	349	347	3	1	1	0
Four Corners	588	553	519	4.71%	106.6%	339	351	25	19	70	423	18	11	1	0
Northeastern	381	442	717	4.27%	61.6%	134	188	43	109	259	301	12	10	1	1
San Juan	167	170	319	6.37%	53.3%	40	30	52	34	164	165	1	0	1	0
Southwest	1,295	1,298	3,172	5.37%	40.9%	1,009	918	287	261	1,057	1,068	5	1	7	10
Summit Co. - VMH	250	240	414	4.15%	58.0%	61	71	42	42	224	225	17	8	0	0
Tooele Co. - VMH	555	470	825	4.03%	57.0%	392	316	25	16	524	441	8	3	0	0
Wasatch Co. - Heber	97	116	270	3.81%	43.0%	32	24	16	67	94	93	5	8	0	0
Total	4,474	4,678	9,916	4.82%	47.2%	2,831	2,881	619	719	3,355	3,881	75	51	20	14
Urban Counties															
Davis	1,136	1,253	3,425	3.38%	36.6%	1,047	1,196	22	68	952	1,090	7	1	2	1
Salt Lake Co. - VMH	4,754	4,354	12,548	4.17%	34.7%	3,844	3,776	418	438	3,990	3,787	48	25	4	0
Utah Co. - Wasatch MH	2,774	2,906	7,896	4.17%	36.8%	1,902	2,018	16	306	2,348	2,314	57	35	13	12
Weber	1,615	1,639	3,152	4.43%	52.0%	1,120	1,089	1	129	1,343	1,220	170	25	30	15
Total	10,072	10,037	27,021	4.07%	37.1%	7,758	1,915	442	933	8,452	8,321	272	85	47	25
State	14,546	14,515	36,942	4.25%	39.3%	10,589	10,702	1,061	1,632	11,807	12,024	347	131	67	39

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

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 that were employed anytime 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.

Notes for page 2:

- Utilization: Percent of all clients receiving services
- 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
- Initial Contact includes MHE service codes 22 Diagnosis and Assessment, 24 Diagnosis and Assessment: Testing
- 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

FY 2010 Mental Health Scorecard for Children and Youth (age 17 and younger) *Continued*

Local Authority	Utilization of Mandated Services (Percent of clients receiving services)																					
	Inpatient		Residential		Medication Management		Psychosocial Rehabilitation		Case Management		Respite		Assessment		Testing		Treatment Therapy		Total Outpatient		Emergency	
	# 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	14	1.4%	0	0.0%	188	18.3%	279	27.1%	428	41.6%	125	12.14%	717	69.6%	21	2.0%	855	83.0%	1,026	99.6%	95	9.2%
Central	1	0.3%	0	0.0%	78	20.7%	172	45.7%	5	1.3%	0	0.00%	256	68.1%	2	0.5%	270	71.8%	376	100.0%	22	5.9%
Four Corners	1	0.2%	1	0.2%	111	20.1%	87	15.7%	232	42.0%	0	0.00%	354	64.0%	6	1.1%	466	84.3%	552	99.8%	11	2.0%
Northeastern	5	1.1%	0	0.0%	86	19.5%	13	2.9%	10	2.3%	0	0.00%	333	75.3%	1	0.2%	341	77.1%	442	100.0%	25	5.7%
San Juan	0	0.0%	0	0.0%	58	34.1%	0	0.0%	3	1.8%	3	1.76%	99	58.2%	0	0.0%	124	72.9%	170	100.0%	3	1.8%
Southwest	4	0.3%	0	0.0%	111	8.6%	218	16.8%	667	51.4%	199	15.33%	1178	90.8%	40	3.1%	688	53.0%	1,295	99.8%	35	2.7%
Summit Co. - VMH	0	0.0%	1	0.4%	68	28.3%	83	34.6%	54	22.5%	2	0.83%	163	67.9%	1	0.4%	147	61.3%	239	99.6%	12	5.0%
Tooele Co. - VMH	6	1.3%	4	0.9%	101	21.5%	93	19.8%	183	38.9%	33	7.02%	313	66.6%	0	0.0%	330	70.2%	466	99.1%	1	0.2%
Wasatch Co. - Heber	0	0.0%	0	0.0%	9	7.8%	47	40.5%	3	2.6%	6	5.17%	51	44.0%	0	0.0%	65	56.0%	116	100.0%	2	1.7%
Total	31	0.7%	6	0.1%	802	17.1%	989	21.1%	1580	33.8%	368	7.87%	3449	73.7%	69	1.5%	3,272	69.9%	4,665	99.7%	205	4.4%
Urban Counties																						
Davis	38	3.0%	3	0.2%	392	31.3%	140	11.2%	275	21.9%	43	3.43%	1046	83.5%	4	0.3%	944	75.3%	1,251	99.8%	10	0.8%
Salt Lake Co. - VMH	109	2.5%	97	2.2%	1,594	36.6%	1,139	26.2%	1651	37.9%	165	3.79%	2309	53.0%	65	1.5%	3,276	75.2%	4,339	99.7%	73	1.7%
Utah Co. - Wasatch MH	41	1.4%	532	18.3%	605	20.8%	259	8.9%	1051	36.2%	0	0.00%	2330	80.2%	140	4.8%	2,091	72.0%	2,797	96.2%	69	2.4%
Weber	55	3.4%	5	0.3%	316	19.3%	325	19.8%	1034	63.1%	2	0.12%	930	56.7%	94	5.7%	856	52.2%	1,636	99.8%	108	6.6%
Total	236	2.4%	627	6.2%	2,880	28.7%	1,838	18.3%	3969	39.5%	207	2.06%	6527	65.0%	301	3.0%	7,084	70.6%	9,912	98.8%	258	2.6%
State	252	1.7%	632	4.4%	3,616	24.9%	2,786	19.2%	5425	37.4%	558	3.84%	9878	68.1%	367	2.5%	10,244	70.6%	14,383	99.1%	445	3.1%

Local Authority	Time in Service for Mandated Services (Days or hours for clients receiving services)																					
	Inpatient		Residential		Medication Management		Psychosocial Rehabilitation		Case Management		Respite		Assessment		Testing		Treatment Therapy		Total Outpatient		Emergency	
	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	6.50	8.36	0.00	0.00	1.40	1.73	15.43	26.03	1.02	2.71	4.23	7.56	1.25	1.44	7.93	9.10	5.36	9.17	6.62	18.28	1.08	1.43
Central	9.00	9.00	0.00	0.00	2.50	3.11	64.13	84.83	2.25	3.45	0.00	0.00	2.00	2.43	5.50	5.50	4.25	8.71	14.25	47.43	1.13	1.30
Four Corners	2.00	2.00	1.00	1.00	1.65	1.83	3.00	8.38	1.47	5.34	0.00	0.00	2.00	2.01	3.00	4.38	8.00	15.78	9.11	18.60	0.25	0.56
Northeastern	13.00	15.80	0.00	0.00	1.00	1.59	5.00	10.21	5.50	7.60	0.00	0.00	2.00	2.07	1.00	1.00	6.00	9.70	5.38	9.83	1.00	1.14
San Juan	0.00	0.00	0.00	0.00	1.00	1.84	0.00	0.00	3.75	3.08	55.00	51.33	1.00	1.31	0.00	0.00	3.25	6.10	3.00	6.80	1.50	1.58
Southwest	7.00	7.75	0.00	0.00	1.50	1.91	24.13	33.91	0.75	2.38	14.00	29.08	2.75	3.14	5.63	5.91	6.75	23.25	5.00	26.96	0.25	0.55
Summit Co. - VMH	0.00	0.00	48.00	48.00	0.60	0.90	0.45	11.03	0.33	0.52	94.38	94.38	2.00	1.93	2.30	2.30	4.45	6.12	4.60	10.08	1.08	2.02
Tooele Co. - VMH	11.50	11.83	41.50	52.50	0.80	0.86	0.45	14.54	0.45	1.10	214.05	242.39	2.00	2.08	0.00	0.00	4.00	8.52	4.30	28.12	1.00	1.00
Wasatch Co. - Heber	0.00	0.00	0.00	0.00	3.00	9.58	17.00	18.37	1.00	1.25	6.00	72.83	1.50	1.64	0.00	0.00	6.00	9.37	8.75	17.95	2.38	2.38
Total	8.00	9.97	41.50	43.17	1.25	1.81	16.91	33.59	0.75	2.71	10.50	42.15	2.00	2.29	5.50	6.53	5.67	12.78	6.00	22.43	1.00	1.23
Urban Counties																						
Davis	8.50	10.63	79.00	79.33	1.25	1.57	21.00	29.02	1.25	4.56	9.00	27.95	2.00	2.63	3.50	3.50	7.00	17.73	7.50	21.30	0.75	0.95
Salt Lake Co. - VMH	8.00	8.90	59.00	60.85	1.20	1.50	123.00	268.26	0.60	1.46	160.65	195.69	2.30	2.79	2.00	3.03	5.00	11.76	7.00	89.47	0.30	0.99
Utah Co. - Wasatch MH	10.00	10.98	2.00	9.57	3.00	3.57	97.00	191.85	2.25	6.86	0.00	0.00	2.00	2.29	5.00	5.91	7.75	16.57	7.50	35.71	1.00	1.77
Weber	8.00	11.16	116.00	161.40	1.50	1.92	24.00	106.25	0.50	1.77	4.13	4.13	2.00	2.23	7.63	6.71	5.25	8.84	4.75	28.88	0.50	0.84
Total	8.15	10.02	3.00	19.06	1.38	1.98	71.78	212.99	0.75	3.16	125.85	161.76	2.00	2.50	5.00	5.50	6.00	13.53	7.00	56.24	0.50	1.08
State	8.00	10.01	3.00	18.85	1.40	1.96	41.60	151.56	0.75	3.05	24.00	81.45	2.00	2.44	5.00	5.68	6.00	13.37	6.60	45.52	0.75	1.14

Local Authority	OQ Measures									
	Unduplicated Number of Clients Participating	Percent Unduplicated Number of Clients Participating	In Treatment				Discharged			
			Improved	Stable	In Recovery*		Deteriorated	Recovered		Not Recovered
			% of Episodes	% of Episodes	% of Episodes	# of Episodes	% of Episodes	% of Episodes	# of Episodes	# of Episodes
Rural Counties										
Bear River	412	40.0%	14.78	50.25	18.60	151	16.38	6.28	51	123
Central	220	58.5%	19.09	36.99	23.63	99	20.29	7.40	31	94
Four Corners	308	55.7%	8.70	48.15	33.01	205	10.14	6.60	41	65
Northeastern	230	52.0%	18.44	38.22	26.89	121	16.44	11.33	51	104
San Juan	14	8.2%	11.11	44.44	16.67	3	27.78	5.56	1	3
Southwest	455	35.1%	17.60	42.42	29.31	313	10.67	16.67	178	304
Summit Co. - VMH	18	7.5%	21.43	28.57	35.71	10	14.29	32.14	9	2
Tooele Co. - VMH	39	8.3%	24.36	33.33	23.08	18	19.23	15.38	12	34
Wasatch Co. - Heber	46	39.7%	19.40	46.27	28.36	19	5.97	7.46	5	25
Total										
Urban Counties										
Davis	597	47.6%	18.77	43.08	20.51	200	17.64	6.36	62	232
Salt Lake Co. - VMH	1,740	40.0%	25.61	34.93	22.24	825	17.22	7.49	278	780
Utah Co. - Wasatch MH	1,544	53.1%	17.17	35.99	33.44	999	13.39	10.61	317	585
Weber	764	46.6%	19.49	36.86	30.54	459	13.11	16.10	242	446
Total										
State	6,345	43.7%	19.66	38.51	26.87	3422	14.96	10.03	1278	2797

Red: Minimun 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.

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

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 then the RCI are not statistically relevant (i.e. no change). Outcomes are not calculated until there has been reliable change within a given instrument.