

FY 2010 Mental Health Scorecard for Adults

October 27, 2010

Local Authority	Number of Clients Served		Estimate of Need at 300% of Poverty*					# SPMI Served		Unfunded		Supported Housing/In Home Skills		Jail Services		Employment					
			# in Need of Treatment	% in Need of Treatment	% of Need Served	# in Need of Treatment SPMI	% SPMI Need Served									Supported Employment		# Employed		% Employed	
																FY09	FY10	FY09	FY10	FY09	FY10
Rural Counties																					
Bear River	1,735	1,797	6,020	5.3%	29.9%	1,736	85.3%	1,397	1,480	73	34	24	31	157	158	11	12	377	361	56.8%	54.1%
Central	603	607	3,285	6.7%	18.5%	986	49.6%	480	489	99	96	3	0	0	1	8	6	113	99	60.8%	56.9%
Four Corners	1,372	1,328	1,799	6.1%	73.8%	561	133.3%	727	748	133	94	0	5	16	24	0	0	472	497	84.0%	79.0%
Northeastern	696	860	2,130	6.3%	40.4%	675	59.0%	295	398	27	314	21	20	0	1	2	1	275	281	74.7%	63.0%
San Juan	316	366	894	8.9%	40.9%	303	29.7%	83	90	98	109	0	0	0	0	1	2	125	138	82.8%	75.8%
Southwest	1,212	1,258	9,225	6.5%	13.6%	2,756	28.3%	758	780	246	329	0	8	6	5	10	6	251	234	55.8%	49.8%
Summit Co. - VMH	789	821	1,328	4.9%	61.8%	383	49.1%	157	188	131	99	0	0	3	3	7	4	535	503	90.4%	91.0%
Tooele Co. - VMH	1,427	1,440	2,183	5.8%	66.0%	648	139.5%	785	904	154	80	0	1	32	28	6	8	621	536	83.8%	77.5%
Wasatch Co. - Heber	248	327	780	5.4%	41.9%	226	52.2%	220	118	96	211	0	0	4	10	9	0	127	150	76.5%	64.4%
Total	8,159	8,770	27,644	6.0%	31.7%	8,274	62.5%	4,712	5,168	1,032	1,359	48	65	209	230	52	38	2,846	2,791	74.9%	69.2%
Urban Counties																					
Davis	2,044	2,001	7,817	3.9%	25.6%	2,296	69.8%	1,388	1,602	241	402	33	59	12	15	10	3	540	319	60.7%	43.5%
Salt Lake Co.														0	0						
Salt Lake Co. - VMH	10,530	10,927	35,237	4.8%	31.0%	10,217	75.7%	7,206	7,733	1,113	1,438	855	387	673	9	235	238	2,706	2,379	80.7%	74.8%
Utah Co. - Wasatch MH	3,222	3,966	18,412	5.2%	21.5%	5,239	55.9%	3,050	2,927	437	690	173	203	32	18	222	0	601	621	52.1%	47.8%
Weber	4,243	4,095	8,670	5.1%	47.2%	2,562	76.6%	2,659	1,962	503	1,231	26	32	855	879	321	1	935	641	61.0%	45.1%
Total	19,711	20,725	70,136	4.8%	29.5%	20,314	69.0%	14,053	14,023	2,256	3,723	1,087	672	1,547	911	782	240	4,725	3,930	69.2%	58.8%
State	27,870	29,147	97,397	5.1%	29.9%	28,537	66.4%	18,765	18,950	3,288	5,023	1,135	730	1,756	1,125	834	275	7,571	6,626	71.3%	63.3%

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.

Supported employment includes # of clients with a supported employment status anytime during the fiscal year.

Supported Housing/In Home Skills includes # of clients that received that service anytime during the fiscal year (DSAMH service code #174).

Jail Services includes # of clients with a living status of Jail or correctional facility 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 those reported on the same day as a bed day (170 Inpatient, 171 Residential, and 173 Residential Support).

Emergency includes all service codes with emergency indicator set to "yes."

FY 2010 Mental Health Scorecard for Adults *Continued*

Local Authority	Utilization of Mandated Services (Percent of clients receiving services)																					
	Inpatient		Residential		Outpatient Services																Emergency	
					Medication Management		Psychosocial Rehabilitation		Targeted Case Management		Respite		Assessment		Testing		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	
Rural Counties																						
Bear River	64	3.6%	46	2.6%	766	42.6%	274	15.2%	663	36.9%	2	0.1%	1053	58.6%	23	1.3%	1393	77.5%	1789	99.6%	465	25.9%
Central	9	1.5%	14	2.3%	340	56.0%	161	26.5%	16	2.6%	0	0.0%	369	60.8%	1	0.2%	490	80.7%	607	100.0%	89	14.7%
Four Corners	31	2.3%	33	2.5%	377	28.4%	198	14.9%	521	39.2%	1	0.1%	836	63.0%	3	0.2%	933	70.3%	1325	99.8%	190	14.3%
Northeastern	39	4.5%	0	0.0%	410	47.7%	86	10.0%	94	10.9%	0	0.0%	627	72.9%	0	0.0%	530	61.6%	855	99.4%	86	10.0%
San Juan	0	0.0%	0	0.0%	208	56.8%	28	7.7%	22	6.0%	0	0.0%	200	54.6%	0	0.0%	177	48.4%	366	100.0%	30	8.2%
Southwest	31	2.5%	43	3.4%	440	35.0%	177	14.1%	621	49.4%	9	0.7%	1136	90.3%	35	2.8%	566	45.0%	1236	98.3%	105	8.3%
Summit Co. - VMH	10	1.2%	5	0.6%	269	32.8%	252	30.7%	240	29.2%	0	0.0%	530	64.6%	1	0.1%	437	53.2%	818	99.6%	40	4.9%
Tooele Co. - VMH	45	3.1%	14	1.0%	570	39.6%	349	24.2%	605	42.0%	1	0.1%	738	51.3%	0	0.0%	1026	71.3%	1433	99.5%	12	0.8%
Wasatch Co. - Heber	2	0.6%	1	0.3%	125	38.2%	13	4.0%	49	15.0%	0	0.0%	216	66.1%	0	0.0%	179	54.7%	327	100.0%	64	19.6%
Total	230	2.6%	156	1.8%	3486	39.7%	1528	17.4%	2814	32.1%	13	0.1%	5685	64.8%	62	0.7%	5711	65.1%	8722	99.5%	1071	12.2%
Urban Counties																						
Davis	80	4.0%	201	10.0%	1361	68.0%	375	18.7%	481	24.0%	0	0.0%	1351	67.5%	10	0.5%	1002	50.1%	1995	99.7%	172	8.6%
Salt Lake Co. - VMH	527	4.8%	491	4.5%	6093	55.8%	3369	30.8%	5532	50.6%	0	0.0%	4218	38.6%	49	0.4%	6226	57.0%	10764	98.5%	1400	12.8%
Utah Co. - Wasatch MH	265	6.7%	102	2.6%	2410	60.8%	677	17.1%	2458	62.0%	0	0.0%	2812	70.9%	47	1.2%	2084	52.5%	3935	99.2%	490	12.4%
Weber	505	12.3%	44	1.1%	1054	25.7%	224	5.5%	1845	45.1%	0	0.0%	2513	61.4%	41	1.0%	1933	47.2%	3991	97.5%	1394	34.0%
Total	1328	6.4%	807	3.9%	10771	52.0%	4593	22.2%	10178	49.1%	0	0.0%	10758	51.9%	144	0.7%	11111	53.6%	20427	98.6%	3402	16.4%
State	1510	5.2%	935	3.2%	14096	48.4%	6017	20.6%	12809	43.9%	13	0.0%	16282	55.9%	205	0.7%	16603	57.0%	28809	98.8%	4403	15.1%

Local Authority	Time in Service for Mandated Services (Days or hours for only clients receiving service)																					
	Inpatient		Residential		Outpatient Services																Emergency	
					Medication Management		Psychosocial Rehabilitation		Targeted Case Management		Respite		Assessment		Testing		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	
Rural Counties																						
Bear River	3.00	6.62	15.00	47.93	1.57	2.36	19.18	70.10	1.28	5.46	3.11	3.11	1.48	1.78	3.32	3.99	4.83	9.67	5.24	26.06	1.08	1.63
Central	7.00	10.78	210.50	190.43	3.50	5.32	28.25	128.53	1.00	2.00			2.25	2.93	2.00	2.00	7.00	14.65	10.75	50.73	1.50	2.40
Four Corners	1.00	1.32	15.00	77.97	1.88	3.63	12.25	123.71	1.08	5.44	0.92	0.92	2.00	2.18	1.00	1.83	6.92	30.82	5.50	45.78	2.50	28.31
Northeastern	5.00	8.41			1.50	3.40	78.63	289.06	11.38	17.45			2.00	2.32			4.50	11.27	4.25	47.63	1.00	1.16
San Juan	0.00	0.00	0.00	0.00	7.77	1.50	280.50	202.00	7.80	4.63			1.75	1.25			13.39	4.00	33.77	2.75	2.66	2.00
Southwest	4.00	7.35	156.00	173.12	2.00	3.51	17.50	85.20	1.25	4.40	6.75	14.39	2.25	3.14	5.50	5.88	5.00	14.13	5.50	25.53	0.50	1.13
Summit Co. - VMH	6.50	18.40	8.00	7.00	0.90	1.39	0.30	0.46	0.35	0.69			2.00	2.03	3.00	3.00	6.00	14.99	3.00	10.13	1.00	1.26
Tooele Co. - VMH	7.00	14.31	10.00	43.21	0.90	1.21	1.05	81.79	0.60	1.86	111.15	111.15	2.00	2.24			4.48	12.03	5.00	31.29	0.30	0.64
Wasatch Co. - Heber	11.50	11.50	58.00	58.00	1.25	1.64	32.50	58.46	0.75	2.35			2.00	2.52			4.00	10.65	3.00	10.80	2.00	3.18
Total	4.00	8.47	31.50	99.91	1.50	3.09	4.71	92.55	1.00	4.41	4.24	19.06	2.00	2.35	5.00	4.95	5.09	15.10	5.00	31.96	1.10	6.43
Urban Counties																						
Davis	6.00	9.41	11.00	25.87	2.00	3.18	7.50	47.75	2.25	4.91			2.00	2.70	2.13	2.93	5.25	13.96	5.00	27.67	0.75	1.24
Salt Lake Co. - VMH	8.00	14.40	17.00	88.41	1.20	2.44	5.30	49.19	0.70	2.84			2.00	2.07	4.30	5.47	4.45	10.76	4.95	35.24	0.45	8.20
Utah Co. - Wasatch MH	7.00	14.31	43.50	103.59	2.50	4.56	21.25	127.33	2.00	6.84			3.00	3.00	5.00	5.80	6.00	14.13	7.50	45.89	1.00	1.34
Weber	4.00	8.17	48.00	92.09	2.75	4.19	11.00	91.33	0.50	1.72			1.75	2.09	4.00	4.26	5.25	10.16	2.75	14.89	0.75	1.31
Total	7.00	11.75	19.00	77.04	1.65	3.18	6.90	62.96	0.90	3.69			2.00	2.39	4.28	5.08	5.00	11.64	5.00	32.85	0.65	4.15
State	6.00	11.06	20.00	81.99	1.55	3.17	6.50	70.71	0.95	3.85	4.24	19.06	2.00	2.37	4.50	5.06	5.00	12.84	5.00	32.62	0.75	4.71

Local Authority	OQ Measures									
	Unduplicated Number of Clients Participating	Percent Unduplicated 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	782	43.5%	15.66	52.24	15.58	216	16.52	2.60	36	160
Central	454	74.8%	18.01	43.94	23.89	199	14.17	8.64	72	183
Four Corners	599	45.1%	8.55	52.90	23.55	248	15.00	4.56	48	194
Northeastern	387	45.0%	17.21	46.64	20.81	133	15.34	6.42	41	151
San Juan	32	8.7%	12.12	72.73	0.00	0	15.15	0.00	0	0
Southwest	438	34.8%	16.75	45.51	22.43	170	15.30	7.78	59	225
Summit Co. - VMH	44	5.4%	12.31	52.31	20.00	13	15.38	6.15	4	18
Tooele Co. - VMH	36	2.5%	11.76	47.06	25.49	13	15.69	17.65	9	13
Wasatch Co. - Heber	103	31.5%	7.63	58.02	17.56	23	16.79	6.11	8	35
Total										
Urban Counties										
Davis	392	19.6%	15.53	54.43	13.64	94	16.40	3.48	24	107
Salt Lake Co.										
Salt Lake Co. - VMH	3,898	35.7%	15.08	49.08	19.06	1276	16.78	6.33	424	1670
Utah Co. - Wasatch MH	2,440	61.5%	18.18	46.90	20.11	896	14.81	5.68	253	977
Weber	1,665	40.7%	17.94	45.39	23.05	672	13.62	9.06	264	857
Total										
State	11,228	38.5%	16.09	48.33	20.06	3953	15.52	6.30	1242	4590

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.

Percent of Clients Participating: Minimum 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 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.