

FY 2011 Mental Health Scorecard for Adults

August 30, 2011

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	
																FY10	FY11	FY10	FY11	FY10	FY11
Rural Counties																					
Bear River	1,797	1,972	6,760	5.9%	29.2%	1,928	86.1%	1,480	1,660	34	33	31	38	158	149	12	18	361	342	54.1%	54.6%
Central	607	702	3,178	6.5%	22.1%	961	55.6%	489	534	96	136	0	0	1	0	6	6	99	135	56.9%	58.4%
Four Corners	1,328	1,050	1,836	6.3%	57.2%	576	113.2%	748	652	94	619	5	0	24	14	0	0	497	336	79.0%	76.4%
Northeastern	860	885	2,349	7.0%	37.7%	740	47.7%	398	353	314	346	20	20	1	3	1	0	281	296	63.0%	63.9%
San Juan	366	385	955	9.5%	40.3%	322	29.2%	90	94	109	119	0	0	0	0	2	1	138	150	75.8%	78.1%
Southwest	1,258	1,290	9,386	6.6%	13.7%	2,827	29.0%	780	821	329	376	8	8	5	6	6	8	234	250	49.8%	48.8%
Summit Co. - VMH	821	581	1,309	4.8%	44.4%	379	46.4%	188	176	99	53	0	0	3	0	4	14	503	332	91.0%	86.2%
Tooele Co. - VMH	1,440	1,269	2,196	5.8%	57.8%	657	135.8%	904	892	80	111	1	1	28	14	8	8	536	375	77.5%	77.0%
Wasatch Co. - Heber	327	325	742	5.1%	43.8%	217	34.1%	118	74	211	206	0	0	10	6	0	0	150	139	64.4%	65.3%
Total	8,770	8,430	28,711	6.3%	29.4%	8,607	60.8%	5,168	5,236	1,359	1,990	65	67	230	192	38	55	2,791	2,347	69.2%	66.4%
Urban Counties																					
Davis	2,001	2,290	8,269	4.1%	27.7%	2,448	71.0%	1,602	1,738	402	406	59	75	15	224	3	52	319	448	43.5%	48.5%
Salt Lake Co.														0							
Salt Lake Co. - VMH	10,927	10,936	38,060	5.2%	28.7%	11,040	71.9%	7,733	7,938	1,438	1,661	387	425	9	67	238	224	2,379	1,908	74.8%	69.9%
Utah Co. - Wasatch MH	3,966	4,145	21,652	6.1%	19.1%	6,089	47.1%	2,927	2,867	690	716	203	170	18	21	0	0	621	655	47.8%	49.3%
Weber	4,095	4,308	9,463	5.6%	45.5%	2,805	57.4%	1,962	1,610	1,231	1,592	32	32	879	1,258	1	0	641	528	45.1%	42.7%
Total	20,725	21,407	77,444	5.3%	27.6%	22,382	62.4%	14,023	13,963	3,723	4,305	672	695	911	1,545	240	276	3,930	3,510	58.8%	57.1%
State	29,147	29,489	105,369	5.5%	28.0%	30,813	61.5%	18,950	18,943	5,023	6,220	730	754	1,125	1,720	275	323	6,626	5,791	63.3%	60.4%

- 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.
- Employment includes # of clients who were employed or did not stay unemployed during the fiscal year.
- % Employed includes # of clients employed (full time, part time, or supported employment) divided by the number of clients in the workforce. Workforce includes clients who are employed (full time, part time or supported employment) and/or unemployed but seeking work.

*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 receiving 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
 Total 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."
 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	
	# of Clients	Percent	# of Clients	Percent	# of Clients	Percent	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				
Rural Counties																								
Bear River	16	0.8%	46	2.3%	37	1.9%	838	42.5%	308	15.6%	792	40.2%	0	0.0%	1,178	59.7%	1,472	74.6%	1,966	99.7%	410	20.8%	157	8.0%
Central	6	0.9%	14	2.0%	12	1.7%	315	44.9%	123	17.5%	5	0.7%	1	0.1%	475	67.7%	527	75.1%	696	99.1%	180	25.6%	71	10.1%
Four Corners	5	0.5%	35	3.3%	32	3.0%	414	39.4%	187	17.8%	614	58.5%	0	0.0%	597	56.9%	692	65.9%	1,039	99.0%	155	14.8%	61	5.8%
Northeastern	7	0.8%	24	2.7%	0	0.0%	435	49.2%	87	9.8%	89	10.1%	0	0.0%	671	75.8%	546	61.7%	885	100.0%	120	13.6%	39	4.4%
San Juan	1	0.3%	0	0.0%	0	0.0%	231	60.0%	29	7.5%	24	6.2%	0	0.0%	179	46.5%	191	49.6%	385	100.0%	28	7.3%	7	1.8%
Southwest	21	1.6%	40	3.1%	40	3.1%	387	30.0%	168	13.0%	785	60.9%	2	0.2%	1,116	86.5%	564	43.7%	1,264	98.0%	111	8.6%	118	9.1%
Summit Co. - VMH	*	*	8	1.4%	7	1.2%	324	55.8%	12	2.1%	80	13.8%	0	0.0%	304	52.3%	300	51.6%	576	99.1%	13	2.2%	0	0.0%
Tooele Co. - VMH	*	*	42	3.3%	9	0.7%	586	46.2%	169	13.3%	367	28.9%	0	0.0%	653	51.5%	860	67.8%	1,261	99.4%	3	0.2%	25	2.0%
Wasatch Co. - Heber	1	0.3%	3	0.9%	3	0.9%	153	47.1%	10	3.1%	39	12.0%	0	0.0%	255	78.5%	198	60.9%	325	100.0%	71	21.8%	0	0.0%
Total	57	0.7%	209	2.5%	137	1.6%	3,667	43.5%	1,090	12.9%	2,785	33.0%	3	0.0%	5,413	64.2%	5,333	63.3%	8,371	99.3%	1,084	12.9%	478	5.7%
Urban Counties																								
Davis	27	1.2%	92	4.0%	229	10.0%	1,407	61.4%	402	17.6%	502	21.9%	0	0.0%	1,321	57.7%	1,246	54.4%	2,278	99.5%	188	8.2%	118	5.2%
Salt Lake Co.																								
Salt Lake Co. - VMH	148	1.4%	809	19.5%	708	6.5%	6,719	61.4%	2,652	24.3%	2,531	23.1%	0	0.0%	5,016	45.9%	6,179	56.5%	10,745	98.3%	1,092	10.0%	162	1.5%
Utah Co. - Wasatch MH	42	1.0%	206	4.8%	99	2.4%	2,395	57.8%	649	15.7%	2,364	57.0%	0	0.0%	3,086	74.5%	2,260	54.5%	4,118	99.3%	335	8.1%	32	0.8%
Weber	31	0.7%	510	11.8%	85	2.0%	1,090	25.3%	235	5.5%	1,042	24.2%	0	0.0%	2,971	69.0%	1,956	45.4%	4,151	96.4%	1,646	38.2%	87	2.0%
Total	248	1.2%	1,568	7.3%	1,092	5.1%	11,468	53.6%	3,876	18.1%	6,344	29.6%	0	0.0%	12,250	57.2%	11,519	53.8%	21,035	98.3%	3,206	15.0%	399	1.9%
State	305	1.0%	1,720	5.8%	1,188	4.0%	14,958	50.7%	4,887	16.6%	8,993	30.5%	3	0.0%	17,486	59.3%	16,644	56.4%	29,079	98.6%	4,223	14.3%	877	3.0%

Local Authority	Time in Service for Mandated Services (Days or hours for only clients receiving service)																							
	State Hospital Inpatient		Inpatient		Residential		Outpatient Services														Emergency		In-Home Services	
	Median	Average	Median	Average	Median	Average	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				
Rural Counties																								
Bear River	293.00	253.75	3.50	4.48	30.00	71.43	2.19	3.21	20.70	71.88	1.15	5.01	0.00	0.00	2.35	2.81	4.75	9.82	6.05	27.13	1.03	1.79	3.10	6.66
Central	195.50	212.33	3.50	5.21	235.50	217.00	3.75	5.21	52.00	144.15	7.50	5.80	3.25	3.25	2.25	4.13	5.50	11.65	7.75	39.52	1.50	2.76	2.75	8.30
Four Corners	210.00	203.00	10.00	34.31	119.50	157.09	1.75	2.96	23.95	103.04	1.32	7.78	0.00	0.00	1.92	1.98	4.21	7.87	5.08	30.70	4.67	15.71	1.50	5.45
Northeastern	176.00	180.43	6.00	10.08	0.00	0.00	1.75	4.42	66.25	265.07	4.25	9.17	0.00	0.00	2.75	4.18	4.75	12.09	5.50	47.37	1.00	1.84	3.75	14.99
San Juan	247.00	247.00	0.00	0.00	0.00	0.00	1.50	6.18	255.00	333.69	6.13	9.91	0.00	0.00	1.00	1.59	4.75	11.01	3.00	35.66	1.50	3.02	1.50	36.07
Southwest	154.00	188.38	4.00	5.60	104.00	159.25	2.00	3.34	16.88	89.24	0.50	3.35	59.88	59.88	2.00	2.92	6.00	15.56	4.75	25.91	0.50	0.83	5.50	59.99
Summit Co. - VMH	*	*	6.50	10.25	9.00	8.57	0.90	1.46	1.50	2.25	0.45	1.76	0.00	0.00	2.00	1.97	4.08	6.21	3.00	5.38	1.00	0.96	0.00	0.00
Tooele Co. - VMH	*	*	7.50	10.40	6.00	33.11	0.90	1.14	18.25	164.03	0.60	2.12	0.00	0.00	2.00	2.17	3.08	5.76	4.00	28.32	1.00	1.10	1.00	1.06
Wasatch Co. - Heber	160.00	160.00	6.00	5.33	33.00	38.00	1.25	1.63	25.75	39.90	1.50	2.10	0.00	0.00	2.00	2.51	4.00	8.84	4.25	9.60	1.00	2.15	0.00	0.00
Total	222.00	210.09	5.00	11.68	76.00	124.20	1.54	3.15	23.98	123.84	1.00	4.83	7.00	41.00	2.00	2.85	4.37	9.74	4.92	29.01	1.23	3.89	2.75	20.73
Urban Counties																								
Davis	225.00	229.81	4.00	6.97	11.00	18.93	2.00	4.05	4.00	62.58	2.00	4.95	0.00	0.00	2.00	2.85	2.75	9.16	4.00	29.12	0.75	1.15	1.25	5.34
Salt Lake Co.																								
Salt Lake Co. - VMH	133.00	173.83	8.00	13.32	17.00	101.04	1.20	2.33	5.60	35.47	0.85	3.31	0.00	0.00	2.00	2.20	4.00	9.96	4.50	25.10	0.50	10.28	1.25	2.56
Utah Co. - Wasatch MH	366.00	273.12	7.00	11.70	43.00	107.67	2.25	4.15	23.50	122.64	2.25	7.20	0.00	0.00	2.75	2.98	6.00	13.62	7.00	42.39	1.00	1.47	2.00	2.98
Weber	159.00	164.81	4.00	7.77	22.00	48.02	2.00	3.01	8.75	35.31	0.50	0.97	0.00	0.00	2.00	2.31	5.75	10.43	3.00	11.01	1.00	1.56	1.00	2.14
Total	170.00	195.61	6.00	10.97	17.00	82.21	1.50	2.99	7.00	52.83	1.25	4.49	0.00	0.00	2.00	2.49	4.75	10.71	4.60	26.23	0.75	4.50	1.25	3.33
State	176.00	198.32	6.00	10.81	19.00	86.18	1.50	3.04	9.00	68.50	1.05	4.62	7.00	41.00	2.00	2.59	4.50	10.45	4.75	27.03	1.00	4.36	1.75	12.81

FY 2011 Mental Health Scorecard for Adults *Continued*

August 30, 2011

Local Authority	OQ Measures											
	Valid OQ Clients Served	Unduplicated Number of Clients Participating	Percent Unduplicated 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	1,526	941	61.7%	99.4%	15.89	150	21.29	44.70	18.11	3.18	30	111
Central	644	438	68.0%	93.2%	20.95	93	17.34	46.17	15.54	5.18	23	63
Four Corners	900	633	70.3%	92.3%	23.93	156	12.58	45.40	18.10	8.44	55	118
Northeastern	741	387	52.2%	95.5%	23.65	92	20.82	40.10	15.42	7.20	28	67
San Juan	335	87	26.0%	90.6%	11.36	10	18.18	52.27	18.18	2.27	2	9
Southwest	986	540	54.8%	96.1%	23.83	132	16.06	47.65	12.45	7.04	39	144
Summit Co. - VMH	505	201	39.8%	85.6%	23.65	48	18.23	43.84	14.29	4.93	10	19
Tooele Co. - VMH	1,086	541	49.8%	93.2%	23.81	130	17.40	41.58	17.22	4.95	27	60
Wasatch Co. - Heber	270	167	61.9%	94.4%	24.71	42	17.06	45.29	12.94	11.18	19	38
Total												
Urban Counties												
Davis	1,815	661	36.4%	97.7%	16.27	108	14.16	50.00	19.58	2.26	15	69
Salt Lake Co.												
Salt Lake Co. - VMH	9,982	3,847	38.5%	93.9%	20.15	799	19.06	43.97	16.82	5.22	207	669
Utah Co. - Wasatch MH	3,290	2,501	76.0%	99.1%	20.78	559	17.99	45.95	15.28	5.65	152	502
Weber	2,455	1,715	69.9%	98.8%	22.56	399	19.33	44.71	13.40	8.65	153	510
Total												
State	23,990	12,598	52.5%		20.78	2,718	18.22	45.00	16.00	5.81	760	2,379

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 OQ Clients Served exclude clients who received assessment and testing only and clients served while 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 did not 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.