

# FY 2013 Mental Health Scorecard for Adults

September 6, 2013

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	
																FY2012	FY2013	FY2012	FY2013	FY2012	FY2013
<b>Rural Counties</b>																					
Bear River	1,972	1,902	6,760	5.9%	28.1%	1,928	84.4%	1,675	1,628	28	32	34	29	229	222	14	8	329	290	61.0%	60.8%
Central	760	685	3,178	6.1%	21.6%	961	61.8%	565	594	143	117	0	13	3	2	6	11	146	126	58.4%	60.9%
Four Corners	914	890	1,836	6.1%	48.5%	576	105.9%	612	610	69	81	2	0	0	29	0	2	194	261	71.1%	76.1%
Northeastern	955	1,133	2,349	6.4%	48.2%	740	49.2%	339	364	331	372	19	21	9	16	0	1	352	465	70.5%	74.4%
San Juan	415	406	955	9.4%	42.5%	322	30.1%	96	97	117	106	0	0	0	0	1	1	163	155	81.1%	76.0%
Southwest	1,367	1,180	9,386	6.3%	12.6%	2,827	26.3%	875	744	366	139	20	25	1	2	5	6	288	238	52.4%	58.8%
Summit Co.	598	436	1,309	4.7%	33.3%	379	38.5%	179	146	45	46	0	0	4	1	6	2	337	263	84.9%	84.3%
Tooele Co.	1,215	1,151	2,196	5.7%	52.4%	657	143.4%	948	942	68	122	0	0	3	1	6	6	353	343	77.8%	75.4%
Wasatch Co.	285	324	742	4.4%	43.7%	217	46.1%	46	100	159	154	0	0	3	11	0	0	113	153	73.9%	77.3%
<b>Total</b>	<b>8,451</b>	<b>8,077</b>	<b>28,711</b>	<b>6.0%</b>	<b>28.1%</b>	<b>8,607</b>	<b>60.5%</b>	<b>5,317</b>	<b>5,203</b>	<b>1,321</b>	<b>1,165</b>	<b>75</b>	<b>87</b>	<b>249</b>	<b>284</b>	<b>38</b>	<b>37</b>	<b>2,264</b>	<b>2,288</b>	<b>68.6%</b>	<b>59.3%</b>
<b>Urban Counties</b>																					
Davis	2,698	2,753	8,269	4.0%	33.3%	2,448	70.5%	1,790	1,725	297	892	81	244	786	188	49	151	569	684	56.4%	55.1%
Salt Lake Co.	10,046	10,098	38,060	5.0%	26.5%	11,040	67.0%	7,483	7,392	377	386	218	352	4	0	200	205	1,752	1,702	65.9%	61.6%
Utah Co. - Wasatch MH	4,455	4,516	21,652	6.1%	20.9%	6,089	49.4%	2,403	3,009	706	493	210	208	7	25	10	41	703	788	51.8%	59.4%
Weber	4,165	4,102	9,463	5.5%	43.3%	2,805	59.1%	1,280	1,658	1,552	1,546	37	35	1,129	1,475	5	11	402	403	52.8%	56.4%
<b>Total</b>	<b>21,069</b>	<b>21,165</b>	<b>77,444</b>	<b>5.2%</b>	<b>27.3%</b>	<b>22,382</b>	<b>60.8%</b>	<b>12,772</b>	<b>13,609</b>	<b>2,883</b>	<b>3,219</b>	<b>542</b>	<b>822</b>	<b>1,870</b>	<b>1,626</b>	<b>261</b>	<b>403</b>	<b>3,387</b>	<b>3,539</b>	<b>59.3%</b>	<b>71.1%</b>
<b>State</b>	<b>29,205</b>	<b>28,981</b>	<b>105,369</b>	<b>5.4%</b>	<b>27.5%</b>	<b>30,813</b>	<b>60.4%</b>	<b>17,851</b>	<b>18,597</b>	<b>4,167</b>	<b>4,352</b>	<b>612</b>	<b>902</b>	<b>2,092</b>	<b>1,895</b>	<b>296</b>	<b>439</b>	<b>5,615</b>	<b>5,800</b>	<b>62.9%</b>	<b>63.5%</b>

- 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 and In-Home Services includes # of clients who received services with a location code of Jail or In Home.
- 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 meet.**  
**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 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  
 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."  
 Peer Support services includes MHE service code 85 Peer Support.  
 State Hospital data used to calculate utilization, median and average number of days in the state hospital 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		In-Home Services	
							Medication Management		Psychosocial Rehabilitation		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
<b>Rural Counties</b>																										
Bear River	24	1.3%	48	2.5%	43	2.3%	851	44.7%	285	15.0%	779	41.0%	2	0.1%	1,016	53.4%	1,418	74.6%	1,893	99.5%	375	19.7%	13	0.7%	243	12.8%
Central	40	5.8%	23	3.4%	10	1.5%	318	46.4%	98	14.3%	66	9.6%	1	0.1%	319	46.6%	532	77.7%	684	99.9%	135	19.7%	0	0.0%	24	3.5%
Four Corners	36	4.0%	48	5.4%	42	4.7%	361	40.6%	131	14.7%	491	55.2%	2	0.2%	441	49.6%	567	63.7%	882	99.1%	201	22.6%	1	0.1%	80	9.0%
Northeastern	49	4.3%	23	2.0%	0	0.0%	473	41.7%	75	6.6%	90	7.9%	0	0.0%	721	63.6%	853	75.3%	1,133	100.0%	168	14.8%	0	0.0%	36	3.2%
San Juan	12	3.0%	3	0.7%	0	0.0%	223	54.9%	27	6.7%	36	8.9%	0	0.0%	180	44.3%	227	55.9%	406	100.0%	45	11.1%	0	0.0%	6	1.5%
Southwest	39	3.3%	60	5.1%	34	2.9%	368	31.2%	119	10.1%	234	19.8%	2	0.2%	667	56.5%	881	74.7%	1,156	98.0%	58	4.9%	31	2.6%	116	9.8%
Summit Co.	4	0.9%	6	1.4%	1	0.2%	225	51.6%	3	0.7%	69	15.8%	0	0.0%	213	48.9%	261	59.9%	435	99.8%	29	6.7%	0	0.0%	5	1.1%
Tooele Co.	11	1.0%	47	4.1%	6	0.5%	601	52.2%	111	9.6%	455	39.5%	0	0.0%	511	44.4%	795	69.1%	1,138	98.9%	0	0.0%	0	0.0%	18	1.6%
Wasatch Co. - Heber	2	0.6%	0	0.0%	0	0.0%	133	41.0%	13	4.0%	76	23.5%	0	0.0%	249	76.9%	242	74.7%	324	100.0%	41	12.7%	1	0.3%	10	3.1%
<b>Total</b>	<b>217</b>	<b>2.7%</b>	<b>255</b>	<b>3.2%</b>	<b>135</b>	<b>1.7%</b>	<b>3,535</b>	<b>43.8%</b>	<b>861</b>	<b>10.7%</b>	<b>2,288</b>	<b>28.3%</b>	<b>7</b>	<b>0.1%</b>	<b>4,300</b>	<b>53.2%</b>	<b>5,754</b>	<b>71.2%</b>	<b>8,021</b>	<b>99.3%</b>	<b>1,041</b>	<b>12.9%</b>	<b>46</b>	<b>0.6%</b>	<b>538</b>	<b>6.7%</b>
<b>Urban Counties</b>																										
Davis	42	1.5%	79	2.9%	73	2.7%	1,381	50.2%	371	13.5%	472	17.1%	1	0.0%	1,752	63.6%	1,378	50.1%	2,745	99.7%	315	11.4%	118	4.3%	42	1.5%
Salt Lake Co.	175	1.7%	486	4.8%	491	4.9%	6,231	61.7%	1,445	14.3%	1,957	19.4%	1	0.0%	6,787	67.2%	6,421	63.6%	9,825	97.3%	1,489	14.7%	1096	10.9%	226	2.2%
Utah Co. - Wasatch MH	92	2.0%	206	4.6%	123	2.7%	2,590	57.4%	514	11.4%	2,469	54.7%	7	0.2%	2,852	63.2%	2,493	55.2%	4,470	99.0%	299	6.6%	47	1.0%	157	3.5%
Weber	38	0.9%	369	9.0%	70	1.7%	1,151	28.1%	156	3.8%	260	6.3%	0	0.0%	2,991	72.9%	1,828	44.6%	3,996	97.4%	294	7.2%	0	0.0%	124	3.0%
<b>Total</b>	<b>347</b>	<b>1.6%</b>	<b>1,112</b>	<b>5.3%</b>	<b>738</b>	<b>3.5%</b>	<b>11,231</b>	<b>53.1%</b>	<b>2,453</b>	<b>11.6%</b>	<b>5,098</b>	<b>24.1%</b>	<b>9</b>	<b>0.0%</b>	<b>14,185</b>	<b>67.0%</b>	<b>11,993</b>	<b>56.7%</b>	<b>20,745</b>	<b>98.0%</b>	<b>2,358</b>	<b>11.1%</b>	<b>1,244</b>	<b>5.9%</b>	<b>549</b>	<b>2.6%</b>
<b>State</b>	<b>564</b>	<b>1.9%</b>	<b>1,338</b>	<b>4.6%</b>	<b>859</b>	<b>3.0%</b>	<b>14,629</b>	<b>50.5%</b>	<b>3,280</b>	<b>11.3%</b>	<b>7,292</b>	<b>25.2%</b>	<b>16</b>	<b>0.1%</b>	<b>18,353</b>	<b>63.3%</b>	<b>17,592</b>	<b>60.7%</b>	<b>28,510</b>	<b>98.4%</b>	<b>3,355</b>	<b>11.6%</b>	<b>1,286</b>	<b>4.4%</b>	<b>1,087</b>	<b>3.8%</b>

Local Authority	Time in Service for Mandated Services (Days or hours for only clients receiving service)																									
	State Hospital Inpatient		Inpatient		Residential		Outpatient Services														Emergency		Peer Support Services		In-Home Services	
							Medication Management		Psychosocial Rehabilitation		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
<b>Rural Counties</b>																										
Bear River	135.50	180.33	4.00	5.44	14.00	45.84	2.13	3.05	16.20	64.62	1.30	7.14	2.13	2.13	2.20	2.56	5.53	11.45	6.32	27.23	1.15	1.78	3.33	8.56	3.48	11.22
Central	22.50	52.38	9.00	10.74	55.50	39.60	3.15	4.89	172.01	234.51	4.99	8.32	5.76	5.76	1.88	2.06	5.63	11.35	7.03	49.43	1.31	1.95	0.00	0.00	0.92	1.00
Four Corners	18.00	61.83	2.00	2.31	104.50	137.62	2.00	2.79	38.96	161.55	1.75	10.38	4.13	4.13	2.00	1.93	3.33	6.51	4.00	36.08	4.77	99.44	2.00	2.00	2.30	8.22
Northeastern	20.00	65.63	12.00	15.09	0.00	0.00	0.75	3.46	63.50	180.95	5.50	13.46	0.00	0.00	2.00	2.20	3.75	8.95	4.00	28.32	1.00	1.49	0.00	0.00	2.75	9.06
San Juan	18.00	20.58	8.00	8.00	0.00	0.00	1.50	5.93	227.25	313.55	5.38	8.90	0.00	0.00	2.00	2.29	4.50	10.29	3.75	31.67	2.00	2.84	0.00	0.00	2.50	16.54
Southwest	154.00	197.15	7.00	8.37	97.00	125.53	2.00	2.85	28.49	66.47	4.34	20.24	18.91	18.91	2.00	2.42	5.03	11.76	6.07	26.46	0.96	1.34	4.00	5.89	6.94	37.88
Summit Co.	70.00	81.75	4.50	6.33	5.00	5.00	0.90	1.24	0.45	0.58	1.30	2.94	0.00	0.00	2.00	1.85	4.00	5.91	3.00	5.56	0.40	0.68	0.00	0.00	1.00	0.95
Tooele Co.	123.00	133.09	8.00	18.66	10.00	10.33	0.60	0.79	24.60	207.31	0.40	2.79	0.00	0.00	2.00	2.05	3.05	5.69	3.60	26.64	0.00	0.00	0.00	0.00	1.30	1.89
Wasatch Co. - Heber	52.50	52.50	0.00	0.00	0.00	0.00	1.00	1.21	43.00	42.48	0.75	1.85	0.00	0.00	2.00	2.35	3.25	7.02	4.25	9.69	1.25	2.59	4.25	4.25	0.63	1.25
<b>Total</b>	<b>32.00</b>	<b>99.99</b>	<b>5.00</b>	<b>9.37</b>	<b>38.00</b>	<b>92.43</b>	<b>1.44</b>	<b>2.84</b>	<b>34.90</b>	<b>134.71</b>	<b>1.38</b>	<b>8.31</b>	<b>5.76</b>	<b>8.01</b>	<b>2.00</b>	<b>2.26</b>	<b>4.30</b>	<b>9.38</b>	<b>4.75</b>	<b>28.43</b>	<b>1.25</b>	<b>20.63</b>	<b>4.00</b>	<b>6.53</b>	<b>2.75</b>	<b>15.39</b>
<b>Urban Counties</b>																										
Davis	203.00	220.57	7.00	9.61	7.00	10.04	1.50	3.52	15.78	64.75	4.00	15.55	1.35	1.35	1.00	1.26	3.12	7.51	2.32	26.15	1.00	1.80	1.92	3.46	1.00	5.72
Salt Lake Co.	193.00	203.97	7.00	10.55	50.00	146.01	1.00	2.22	5.20	30.74	2.00	8.85	0.75	0.75	1.30	1.90	4.60	9.75	5.08	22.99	0.30	0.96	3.33	19.34	1.45	3.62
Utah Co. - Wasatch MH	134.00	179.09	6.00	9.65	53.00	110.70	1.75	3.38	6.00	110.81	2.25	10.88	6.00	24.54	3.00	3.06	6.00	12.00	6.75	35.99	1.00	1.32	2.75	3.74	2.50	20.07
Weber	172.00	190.58	6.00	9.62	24.00	70.46	1.25	2.06	9.75	58.63	5.50	14.84	0.00	0.00	1.50	1.84	5.75	10.84	2.50	12.08	0.50	0.71	0.00	0.00	1.00	1.90
<b>Total</b>	<b>173.00</b>	<b>197.92</b>	<b>6.00</b>	<b>9.82</b>	<b>35.00</b>	<b>122.85</b>	<b>1.25</b>	<b>2.63</b>	<b>7.00</b>	<b>54.31</b>	<b>2.25</b>	<b>10.76</b>	<b>5.50</b>	<b>19.32</b>	<b>1.50</b>	<b>2.05</b>	<b>5.00</b>	<b>10.17</b>	<b>4.50</b>	<b>24.24</b>	<b>0.46</b>	<b>1.08</b>	<b>3.03</b>	<b>17.47</b>	<b>1.30</b>	<b>8.10</b>
<b>State</b>	<b>115.00</b>	<b>160.24</b>	<b>6.00</b>	<b>9.64</b>	<b>37.00</b>	<b>119.81</b>	<b>1.25</b>	<b>2.68</b>	<b>9.55</b>	<b>74.90</b>	<b>2.00</b>	<b>10.07</b>	<b>5.63</b>	<b>14.37</b>	<b>1.75</b>	<b>2.10</b>	<b>4.75</b>	<b>9.92</b>	<b>4.60</b>	<b>25.41</b>	<b>0.66</b>	<b>7.13</b>	<b>3.25</b>	<b>17.13</b>	<b>1.85</b>	<b>11.70</b>

FY 2013 Mental Health Scorecard for Adults *Continued*

September 6, 2013

Local Authority	OQ Measures											
	Valid OQ Clients Served FY2012	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
<b>Rural Counties</b>												
Bear River	1,405	1,035	73.7%	98.8%	23.00	241	21.47	39.60	15.94	5.92	62	202
Central	562	442	78.6%	96.4%	21.83	124	13.91	49.82	14.44	5.81	33	97
Four Corners	745	440	59.1%	88.3%	21.08	94	14.13	48.88	15.92	4.48	20	45
Northeastern	936	625	66.8%	97.3%	22.93	144	16.88	46.66	13.54	6.85	43	117
San Juan	356	52	14.6%	94.9%	13.21	7	5.66	49.06	32.08	3.77	2	3
Southwest	939	572	60.9%	95.5%	22.41	130	17.41	47.59	12.59	2.93	17	90
Summit Co.	385	257	66.8%	86.5%	25.19	65	19.38	42.64	12.79	11.24	29	74
Tooele Co.	1,025	465	45.4%	92.0%	24.03	112	17.81	39.91	18.24	2.58	12	61
Wasatch Co. - Heber	262	124	47.3%	96.9%	19.35	24	21.77	44.35	14.52	10.48	13	53
<b>Total</b>												
<b>Urban Counties</b>												
Davis	1,781	758	42.6%	95.6%	12.57	118	13.53	55.59	18.32	3.19	30	210
Salt Lake Co.	9,529	3,104	32.6%	86.2%	17.65	724	16.70	47.99	17.65	2.58	106	646
Utah Co. - Wasatch MH	3,495	2,694	77.1%	97.9%	20.73	601	19.21	44.08	15.97	5.97	173	556
Weber	1,933	1,412	73.0%	97.2%	26.17	381	18.61	43.06	12.16	9.00	131	324
<b>Total</b>												
<b>State</b>	<b>22,931</b>	<b>11,921</b>	<b>52.0%</b>		<b>20.38</b>	<b>2,765</b>	<b>17.52</b>	<b>46.12</b>	<b>15.97</b>	<b>4.95</b>	<b>671</b>	<b>2,478</b>

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.