



SUBSTANCE ABUSE AND MENTAL HEALTH – PERFORMANCE MEASURES

SOCIAL SERVICES APPROPRIATIONS SUBCOMMITTEE
STAFF: STEPHEN JARDINE

ISSUE BRIEF

SUMMARY

As part of a Human Services In-depth Budget Review (found at <http://le.utah.gov/interim/2010/pdf/00001613.pdf>), the Division of Substance Abuse and Mental Health reported a six year history of performance measures and benchmarking information (when available). The division has updated this information and included two additional years. An eight year history of measures is included in the appendix. This brief highlights changes from information presented a year ago and identifies measures that have improved or declined by more than 5 percent.

LEGISLATIVE ACTION

No Legislative action is required. This brief is presented for informational purposes only.

HUMAN SERVICES OVERALL GOALS

As part of its FY 2014 budget submission, the Department of Human Services provided the following four department-wide goals:

- *collaborate with community partners and within the Department on issues that cut across divisions*
- *maintain and improve transparency regarding Department finances and operations in the community*
- *foster creativity, innovation and adoption of best models and practices*
- *improve outcomes and results by using measures which lead to good decisions that drive success*

ANALYSIS OF SUBSTANCE ABUSE AND MENTAL HEALTH PERFORMANCE MEASURES

The Division of Substance Abuse and Mental Health (DSAMH) has made no changes to the measures it presented in the 2012 General Session.

DSAMH measures showing greater than 5% improvement

- #6 – **Community Mental Health Services** – Preadmission Screening and Resident Review – # of screenings (+20%)
- #12 – **Residential Mental Health Services** - # of children placed in community from State Hospital (+8%)
- #23 – **Utah State Hospital** - # of pediatric patients treated (+8%)
- #35 – **State Substance Abuse Services** - % increase in abstinence from admission to discharge from alcohol (+5%)
- #35 – **State Substance Abuse Services** - % increase in abstinence from admission to discharge from drugs (+31%)
- #40 – **Drug Court Program** - # of clients receiving services as of June 30th (+19%)
- #44 – **Drug Court Program** – increase in employment rates between admission and discharge (+22%)

DSAMH measures showing greater than 5% decline:

- #2 – **Community Mental Health Services** – # of indigent/uninsured adult & child clients served (-37%)
- #13 – **Residential Mental Health Services** – # of children that remain in the community (-30%)
- #15 – **Utah State Hospital (USH)** – # of adult psychiatric patients treated (-12%)
- #18 – **USH** – Severe & Persistent Outcome Questionnaire score improvement from admission to discharge (-18%)
- #19 – **Utah State Hospital** – Adult Residential Treatment Center (ARTC) # of patients treated (-21%)
- #20 – **Utah State Hospital** – Adult Residential Treatment Center (ARTC) median length of stay (+88%)
- #27 – **State Substance Abuse Services** – prevention education disseminated to # of Utah citizens (-89%)
- #30 – **State Substance Abuse Services** – % decrease in homelessness (-9%)
- #36 – **Local Substance Abuse Services** – % decrease in homelessness (-5%)
- #41 – **Drug Court Program** – % successful completion (-11%)
- #46 – **Drug Offender Reform Act (DORA)** – # of clients served (-9%)

APPENDIX: SUBSTANCE ABUSE AND MENTAL HEALTH PERFORMANCE MEASURES

The table included in the appendix for the Division of Substance Abuse and Mental Health shows an eight year comparison of performance measures along with a description of each measure and benchmarking where applicable. Measures are also associated with the dollar amount of appropriation involved.

Division of Substance Abuse and Mental Health - Performance Measures - FY05 Through FY 12

FY10 Total Expenditures	FY11 Total Expenditures	FY 12Total Expenditures	Appropriation Unit	Unit	Performance Measure	Measure Target	Measure FY 05	Measure FY 06	Measure FY 07	Measure FY 08	Measure FY 09	Measure FY 10	Measure FY 11	Measure FY 12	Measure can be benchmarked to performance by others?	If yes, who are you using to benchmark against?	
\$128,467,407	\$126,196,100	\$126,242,500	SUBSTANCE ABUSE AND MENTAL HEALTH:														
\$2,905,630	\$2,550,600	\$2,620,700	KBA ADMINISTRATION	2011 DHS DSAMH SA/MH BOARD													
				2012 DHS DSAMH MENTAL HEALTH ADMINISTRATION	1	MH & SA admin: Local Authority Plan Reviews, Quality of Care Reviews, Outcome Measures									No		
				2013 DHS DSAMH SUBSTANCE ABUSE ADMINISTRATION													
				2014 DHS DSAMH RESEARCH													
				2015 DHS DSAMH SUPPORT													
\$4,689,655	\$5,116,000	\$5,288,800	KBC COMMUNITY MENTAL HEALTH SERVICES		2	Number indigent/uninsured adult & child clients - number served	(No info available: not funded FY 05-08)				4,359	6,655	8,304	5,261	No		
				2051 DHS DSAMH COMPETENCY EVALUATIONS / FORENSIC	3	Evaluations: Number evaluations		787	740	717	733	772	707	780	773	No	
					4	Evaluations:Timely completion	100%	100%	100%	100%	100%	100%	100%	100%	100%	No	
				2053 DHS DSAMH MENTAL HEALTH HOMELESS (PATH)	5	Number of homeless clients served		1,014	994	977	910	1,150	1,027	1,043	1,039	No	
				2055 DHS DSAMH PREADMISSION SCREENING & RESIDENT REVIEW PASRR	6	PASRR: Number of screenings		326	522	1,683	1,900	2,004	2,145	2,465	2,952	No	
					7	PASRR: Timely completion	100%	100%	100%	100%	100%	100%	100%	100%	100%	No	
				2066 DHS DSAMH AUTISM PRESCHOOL	8	Number clients served	(Data not available prior to FY08)				109	122	116	115	112	No	
				2101 DHS DSAMH MH SERVICES - CHILDREN													
\$27,341,296	\$23,981,500	\$27,862,700	KBD MENTAL HEALTH CENTERS		9	All clients of local mental health centers: Number served		41,385	38,658	40,427	40,426	42,416	43,662	45,085	44,611	Yes	National
					10	Family satisfaction rate:	83%	85%	80%	83%	84%	88%	87%	86%	87%	Yes	Fed NOMS: CMHS Uniform Reporting System
				2101 DHS DSAMH MH SERVICES - CHILDREN													
				2121 DHS DSAMH MH SERVICES - ADULT	11	Adult client service satisfaction rate:	88%	88%	87%	85%	86%	90%	87%	86%	85%	Yes	Fed NOMS: CMHS Uniform Reporting System
				2141 DHS DSAMH MH SERVICES - OTHER													
\$957,959	\$926,400	\$177,800	KBE RESIDENTIAL MENTAL HEALTH SERVICES	2101 DHS DSAMH MH SERVICES - CHILDREN													
				2153 DHS DSAMH NH OUTPLACEMENT													
				2154 DHS DSAMH CHILDREN OUTPLACEMENT	12	# children placed in community from hosp.	Numbers not available / not collected					26	42	40	43	No	
					13	# children that remained in community	Numbers not available / not collected					24	28	10	7	No	
\$54,190,459	\$55,209,800	\$51,749,900	KBF STATE HOSPITAL		14	JAHCO accreditation is current:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Other state hospitals who are Joint Commission Accredited through the National Research Institute (NRI) as well as State Hospitals who are members of the Western Psychiatric State Hospital Association.
				2205 DHS DSAMH USH ADULT GENERAL	15	Adult Psychiatry: # patients treated		324	306	340	322	308	332	310	272	Yes	See explanation above
					16	Adult Psychiatry: Median length of stay		186	238	159	207	270	224	221	225	Yes	See explanation above
					17	Adult Psychiatry: avg reduction in symptoms (BPRS)	>= 15	16	18	15.16	19	22	19.8	20	20	Yes	See explanation above - raters for the BPRS have been trained and calibrated for inter-rater reliability against the Gold Standard Consensus Code from UCLA. USH has also developed empirically validated norms against a large sample of its own patients. This rater calibration and normative process is unique to the USH.
					18	Adult Psych. SOQ (Severe and Persistent Outcome Questionnaire) score improvement from admission to discharge	>10	11.42	16.43	22.62	26.81	15.25	27.3	29.2	24	Yes	See explanation above
				2213 DHS DSAMH USH ARTC- ACUTE RECOVERY	19	ARTC: # patients treated		117	110	85	111	105	122	123	97	No	

Division of Substance Abuse and Mental Health - Performance Measures - FY05 Through FY 12

FY10 Total Expenditures	FY11 Total Expenditures	FY 12 Total Expenditures	Appropriation Unit	Unit	Performance Measure	Measure Target	Measure FY 05	Measure FY 06	Measure FY 07	Measure FY 08	Measure FY 09	Measure FY 10	Measure FY 11	Measure FY 12	Measure can be benchmarked to performance by others?	If yes, who are you using to benchmark against?
					20 ARTC: Median length of stay (days)		8	11	13	9	8	7	8	15	Yes	To other acute inpatient stays.
				2214 DHS DSAMH USH FORENSIC SERVICES	21 Forensic Services: # patients treated		180	180	190	195	203	176	183	190	Yes	USH is scheduled to benchmark competency restoration--number of not competent to proceed patients and how many are restored to competency-with the other state hospitals who are members of the Western Psychiatric State Hospital Association in 2011.
					22 Forensic Svc: Median length of stay (days)		149	166	182	166	188	124	186	182	Yes	same as above for all Forensic
				2221 DHS DSAMH USH PEDIATRICS YOUTH	23 Pediatrics: # patients treated		113	97	106	115	98	110	110	119	Yes	Comparative outcome statistics involve "Cut Scores" which statistically differentiate between psychiatric inpatients and patients who are treated in community-based settings and "Reliable Change Indices," which reflect whether or not a patient has made statistically significant change. When a patient's outcome score has surpassed both the score required for reliable change and the cut score between inpatient and community care, they are considered to be "recovered." The Youth Outcome Questionnaire (YOQ) is a self-report measure for youth. This outcome measure is a national measure and can be utilized to compare to inpatient or community mental health centers that employ the same instrument. The reliable change index for the YOQ is >10 to be statistically significant and to indicate "recovery".
					24 Pediatrics: Median length of stay (days) (*weighted avg of youth and adolescents)		279*	226	340	290	281	252	257	247	Yes	same as above for all Pediatrics
\$6,556,826	\$7,432,300	\$7,654,900	KCC STATE SUBSTANCE ABUSE SERVICES	2611 DHS DSAMH SUBSTANCE ABUSE PREVENTION - GENERAL	25 % Substance abuse by 12th graders within 30 days	No target set	14.0%	No data avail.	12.3%	No data avail.	17.1%	19.0%	22.1%	22.1%	No	
					26 % 12-17 year olds who perceive alcohol as a moderate to severe risk	No target set	53.0%	No data avail.	53.6%	No data avail.	80.4%	84.40%	81.90%	81.90%	No	
					27 Prevention education disseminated number of Utah citizens		1,200,000	1,200,000	182,172	569,937	207,213	447,800	536,991	59,586	No	
					28 Alcohol education & training: Number trained on premise / off premise		8,672	9,000	10,094 / 30,683	10,058 / 10,902	10,334 / 9,863	10,667 / 8,414	10,537 / 8,495	10,650 / 13,123	No	
				2671 DHS DSAMH WOMEN'S TREATMENT												
				2672 DHS DSAMH GENERAL TREATMENT	29 % increase in abstinence from admission to discharge (from alcohol / from drugs)	44%	Combined: 59.1%	Combined: 73.1%	25.9% / 53.3%	28.4% / 33.8%	30.3% / 50.5%	38.6% / 81.8%	36.1% / 75.2%	36.3 / 113.3%	Yes	National SAMSHA outcome measures
					30 % decrease in homelessness	28.0%	10.2%	18.1%	18.0%	28.9%	34.8%	37.5%	39.6%	30.8%	Yes	National SAMSHA outcome measures
					31 % clients seeing increased employment	10.7%	28.2%	5.1%	17.4%	16.7%	19.0%	21.0%	27.0%	30.5%	Yes	National SAMSHA outcome measures
\$24,283,826	\$23,461,600	\$23,342,900	KCD LOCAL SUBSTANCE ABUSE SERVICES	2611 DHS DSAMH SUBSTANCE ABUSE PREVENTION - GENERAL												
				2671 DHS DSAMH WOMEN'S TREATMENT												
				2672 DHS DSAMH GENERAL TREATMENT	32 Number clients served		18,995	19,602	19,599	18,339	18,001	16,976	16,454	17,026	No	
					33 Successful completion rate	44%	55.20%	53.70%	49.60%	58.40%	44.40%	52.40%	46.10%	46.60%	Yes	National SAMSHA outcome measures
					34 % clients seeing increased employment	10.7%	26.2%	5.1%	17.4%	16.7%	19.0%	20.7%	24.5%	23.3%	Yes	National SAMSHA outcome measures
					35 % increase in abstinence from admission to discharge (from alcohol / from drugs)	Charges based on State & National Avg	Combined A&D: 59.1%	Combined: 73.1%	25.9% / 53.3%	21.9% / 33.8%	30.3% / 50.5%	38.6% / 81.8%	43.0% / 83.0%	48.1 / 113.5%	Yes	National SAMSHA outcome measures
					36 % decrease in homelessness	Charges based on State & National Avg	10.2%	18.1%	18.0%	28.9%	34.8%	37.5%	38.5%	33.3%	Yes	National SAMSHA outcome measures
\$1,468,205	\$1,454,500	\$1,452,000	KCF DRIVERS UNDER THE INFLUENCE	2950 DHS DSAMH DUI FEES ON FINES	37 Perceived need to change personal drinking behavior from pre to post-training (scale 1 to 10)			Increased from 7.3 to 8.56	Increased from 7.3 to 8.56	Increased from 7.3 to 8.56	8.20 to 8.20	8.20 to 8.20	6.8 to 8.3	6.8 to 8.3	No	
\$317,145	\$34,100	\$0	KDA DRUG BOARD	3102 DHS DRUG BOARD	38 % of participants successfully completing	50%	25%	37%	64%	30.2%	35.0%	37.1%	No Longer a Program	No Longer a Program	No	No Longer a Program
					39 % clients with 0 arrest while participating	50%	no data			57.0%	63.3%	64.52	No Longer a Program	No Longer a Program	No	No Longer a Program
\$3,659,948	\$3,889,800	\$3,953,300	KDB DRUG COURT PROGRAM	3202 DHS DRUG COURT	40 Clients receiving services as of June 30th		1,090	1,029	1,052	1,095	1,120	1,190	1,314	1,563	No	

Division of Substance Abuse and Mental Health - Performance Measures - FY05 Through FY 12

FY10 Total Expenditures	FY11 Total Expenditures	FY 12Total Expenditures	Appropriation Unit	Unit	Performance Measure	Measure Target	Measure FY 05	Measure FY 06	Measure FY 07	Measure FY 08	Measure FY 09	Measure FY 10	Measure FY 11	Measure FY 12	Measure can be benchmarked to performance by others?	If yes, who are you using to benchmark against?
					Total number clients served during Fiscal Year					2,039	2,486	2,433	2529	2613	No	
					41 Percent successful completion (Service Reports)	65%	64%	67%	64%	64%	65%	65%	67%	56%	No	
					42 % Participants reporting abstinence from alcohol at discharge	Not Reviewing for Outcomes					90.1	95%	92%	93%	No	
					43 Participants reporting abstinence from drugs at discharge	Not Reviewing for Outcomes					73.4	82%	77%	79%	No	
					44 Increase in employment rates between admission & discharge	Not Reviewing for Outcomes					14.0	14%	19%	41%	No	
					45 % participants reporting 0 arrests while in drug court	90%	Data not collected		85%	85%	85%	85%	86%	88%	No	
\$2,096,458	\$2,139,500	\$2,139,500	KDC DRUG OFFENDER REFORM ACT	2672 DHS DSAMH GENERAL TREATMENT	46 Number clients served		Program was not in existence in these years			814	1,288	635	737	668	No	