

REPORT TO THE TWENTY-FIFTH LEGISLATURE  
STATE OF HAWAII  
2009

PURSUANT TO ACT 213, SECTION 48, SESSION LAWS OF HAWAII, 2007,  
AS AMENDED BY ACT 158, SECTION 48, SESSION LAWS OF HAWAII, 2008,  
REQUIRING THE DEPARTMENT OF HEALTH TO SUBMIT A REPORT ON THE  
ADULT MENTAL HEALTH DIVISION'S PURCHASE OF SERVICE CONTRACTS

PREPARED BY:  
STATE OF HAWAII  
DECEMBER 2008

## EXECUTIVE SUMMARY

In accordance with Act 213, Section 48, Session Laws of Hawaii 2007 and as amended by Act 158, Section 48, Session Laws of Hawaii 2008, the Department of Health is submitting a report to the 2009 Legislature that provides a detailed breakout of purchase of services provided and costs incurred by the Adult Mental Health Division (AMHD) during FY 2008 and FY 2009. This report includes services provided and costs incurred for contracts that have already submitted claims/invoices for the periods July 1, 2007 to June 30, 2008 and July 1, 2008 to October 31, 2008 (Attachment A). AMHD may still receive additional claims/invoices for services provided during these periods.

Also attached is a list of national outcome measures and selected performance indicators related to the purchase of services provided in FY 2008 (Attachment B).

ATTACHMENT A

ADULT MENTAL HEALTH DIVISION  
PURCHASE OF SERVICE CONTRACTS  
FY 2008 and FY 2009

Level of Care - Description	Total Costs FY 2008	Total Costs 7/08 - 10/08
24 Hour Group Home	8,395,517	2,991,031
8 to 16 Hour Group Home	2,805,999	889,870
Acute Inpatient Psychiatric	1,679,155	179,143
Aftercare	14,326	5,481
AMHD Eligibility Determination	55,615	24,380
Assertive Community Treatment	10,536,183	1,055,943
Bed Hold per diem E-ARCH L1	5,654	3,156
Bed Hold per diem E-ARCH L2	14,942	11,244
Bed Hold per diem E-ARCH L3	20,547	7,397
Bed Hold, 24 Hour Group Home	152,304	50,102
Bed Hold, 8 - 16 Hour Group Home	21,528	7,084
Bed Hold, Specialized Residential	161,047	27,864
Care Coordination	4,251	1,367
Case Management, RN, per month	72,016	25,000
Community-Based Case Management Services	30,756,285	14,306,081
Community Based Intervention/Community Resource Fund	1,817,513	477,680
Consumer Support, Warm Line	70,304	34,616
Crisis Mobile Outreach 15	785,991	566,337
Crisis Support Management	2,169,460	865,140
Day Treatment, Dual Diagnosis	1,451,101	411,713
E-ARCH Level I, per diem	11,835	11,854
E-ARCH Level II, per diem	362,828	117,313
E-ARCH Level III, per diem	314,705	121,015
Electroconvulsive Therapy	141	0
Family Education	80,437	0
Homeless Outreach	725,619	66,700
Inpatient Pharmacy	3,168	0
Intensive Case Management	122,671	0
Intensive Outpatient Hospital Services, per diem	772,500	62,750
Intermediate Care Facility	100,650	25,300
Licensed Crisis Residential Service, per diem	1,951,101	749,865
Lodging Per Diem	1,003,921	399,833
MH Service Plan Development - Non-physician	6,727	663
Personal Assistance/Habilitation	200,071	75,168
Psychosocial Rehabilitation (PSR)	848,608	274,665
PSR Meals & Transportation, per diem	68,652	29,239
Representative Payee Services	743,229	240,640
Residential Day Visit - non MH	522	265
Respite Care	453,316	165,260
Self Help/Peer Services	412,486	124,129
Self-Administered Drugs	77	0
Semi-Independent Housing	1,531,254	76,000
Service Research and Evaluation	2,049,884	0
Specialized Residential	7,961,459	2,320,783
Supported Case Management	319,968	108,764
Supported Employ Milestone 1	1,000	0
Supported Employ Milestones	1,276,500	383,000
Supported Employment	169,402	102,779
Supported Housing	3,068,397	925,914
Transportation Services	246,603	50,727
Total	85,797,469	28,373,255

ATTACHMENT B

LIST OF NATIONAL OUTCOME MEASURES, TRANSFORMATION OUTCOME MEASURE,  
AND STATE SELECTED PERFORMANCE INDICATORS

FY 2008

NATIONAL OUTCOME MEASURES

1. Increased Access to Services (Treated Prevalence).

Treated Prevalence by State and County

		Population age 18 or older (2007 Census Estimate)	Estimated number of people over 18 who have Serious Mental Illnesses— based on national estimated prevalence of 5.4%	People served by AMHD over age 18	Percent of Hawai'i population over age 18 who have Serious Mental Illnesses served by AMHD <sup>1</sup>
State of Hawai'i	Total	997,694	53,875	15,586	28.9%
	Male	497,546	26,867	8,239	30.7%
	Female	500,148	27,008	7,347	27.2%
Hawai'i County	Total	134,068	7,240	4,163	57.5%
	Male	66,447	3,588	2,130	59.4%
	Female	67,621	3,652	2,033	55.7%
Honolulu County	Total	705,047	38,073	10,198	26.8%
	Male	351,228	18,966	5,530	29.2%
	Female	353,819	19,106	4,668	24.4%
Kaua'i County	Total	48,617	2,625	942	35.9%
	Male	24,225	1,308	448	34.2%
	Female	24,392	1,317	494	37.5%
Maui County	Total	109,962	5,938	1,796	30.2%
	Male	55,646	3,005	889	29.6%
	Female	54,316	2,933	907	30.9%

The State of Hawai'i has close to one million residents over the age of 18. Of these, 53,875 are estimated to have a serious mental illness and, in FY 2008, AMHD provided or paid for mental health services for 15,586 adults. Thus, AMHD served about 29% of adults in Hawai'i who have a serious mental illness.

<sup>1</sup>These numbers are artificially low because AMHD only served individuals with severe and persistent mental illness (SPMI) which represent about half of those with serious mental illness (SMI). These numbers also do not include those served by the Veterans Administration (VA) or third party insurers.

2. Number of Evidence-Based Practices provided by the State: 4

- Supported Employment
- Assertive Community Treatment (ACT)
- Integrated Dual Diagnosis Treatment
- Illness Management and Self-Directed Recovery

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3. Evidence-Based Practice: Number of Persons Receiving Supported Employment: 500
4. Evidence-Based Practice: Number of Persons Receiving ACT: 154 (The failure of purchase of service providers to adhere to the standards of ACT resulted in AMHD billing Medicaid for Community-Based Case Management Services instead of the higher reimbursable ACT services.)
5. Evidence-Based Practice: Number of Persons Receiving Integrated Dual Diagnosis Treatment: 325
6. Evidence-Based Practice: Number of Persons Receiving Illness Management and Self-Directed Recovery: 46
7. Client Perception of Care: Clients Reporting Positively About Outcomes:

Consumers Responding Positively About Outcomes

	Count	Percent
Yes	285	75.80%
No	91	24.20%
Total	376	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Survey from 376 consumers for the Perception of Outcomes scale. Of these, 285 consumers (75.80%) responded positively (strongly agree or agree) about their service outcomes.

8. Decreased Criminal Justice Involvement

Upon intake into services, 18% of consumers reported being arrested in the past six months. In contrast, at least six months later, only 12.10% of the same consumers reported being arrested in the past six months.

The beneficial impact of treatment on criminal justice involvement is also shown with incarceration rates. On intake, 16.80% of consumers reported being incarcerated in the past six months. When these consumers were asked about experiences with incarceration six months later, only 12.20% reported they had been incarcerated in the past six months.

9. Increased Stability in Housing

Consumers Reporting Stability (improvement) in Housing

	Count	Percent
Yes	241	68.08%
No	113	31.92%
Total	354	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Survey from 354 consumers for the improvement in housing item. Of these, 241 consumers (68.08%) responded positively (strongly agree or agree) that their housing situation had improved.

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10. Increased Social Supports/Social Connectedness

Consumers Responding Positively about Increased Social Supports

	Count	Percent
Yes	268	69.43%
No	118	30.57%
Total	386	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Survey from 386 consumers for the Social Connectedness scale. Of these, 268 (69.43%) responded positively (strongly agree or agree) that their social supports had improved as a result of services.

11. Improved Level of Functioning/Reduce Symptoms

Consumers Responding Positively about Improved Functioning

	Count	Percent
Yes	292	76.04%
No	92	23.96%
Total	384	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Satisfaction Survey from 384 consumers for the Functioning scale. Of these, 292 consumers (76.04%) responded positively (strongly agree or agree) that their functioning had improved as a result of services that they received.

STATE TRANSFORMATION OUTCOME MEASURE

12. Consumer Perception of Participation in Recovery/Treatment Planning

Consumers Responding Positively about Participation in Recovery/Treatment Planning

	Count	Percent
Yes	286	76.27%
No	89	23.73%
Total	375	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Satisfaction Survey from 375 consumers for the Participation in Treatment Planning scale. Of these, 286 consumers (76.27%) responded positively (strongly agree or agree) about their participation in treatment and recovery planning.

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STATE SELECTED PERFORMANCE INDICATORS

13. Evidence-Based Practices: Number of Consumers Receiving any Evidence-Based Practice: 1,424

The total of 1,424 may include persons who have received more than one Evidence-Based Practice.

14. Number of Consumers with Co-Occurring Disorders

Evidence of a Substance Use Disorder

	Frequency	Valid Percent
No	8,840	58.53%
Yes	6,264	41.47%
Total	15,104	100.00%

In FY 2008, AMHD provided or paid for services for 15,586 adults. Information about the possibility of a co-occurring substance use disorder was available for 15,104 of them. Evidence from various sources (e.g., diagnoses, substance disorder screening instruments) indicates that 6,264 consumers (41.47%) had co-occurring substance use and mental disorders.

15. Consumer Perception of the Quality/Appropriateness of Services

Consumers Responding Positively about the Quality and Appropriateness of Services

	Count	Percent
Yes	331	85.75%
No	55	14.25%
Total	386	100.00%

Valid responses were obtained on the 2008 MHSIP Consumer Satisfaction Survey from 386 consumers for the Perception of Quality and Appropriateness scale. Of these, 331 consumers (85.75%) responded positively (strongly agree or agree) about the quality and appropriateness of the services that they had received.