



Children's Behavioral Health in Washington State

Measures of Statewide Performance

Goals • Outcomes • Indicators

NOVEMBER 2014

This document presents indicators for monitoring and evaluating the performance of Washington State's system of care for children and adolescents with mental health and/or alcohol or drug treatment need. As a reflection of the intent to integrate and coordinate the efforts of all public systems on behalf of youth with behavioral health problems, this outcomes-based performance monitoring system is intended to be relevant to all children and youth with emotional and behavioral health needs served by Washington State DSHS and Health Care Authority.

The framework of goals, outcomes, and indicators presented here was developed by a diverse group of children's mental health stakeholders who are directly involved in the refinement and management of this ongoing effort. These stakeholders include family and youth advocates; representatives of DSHS child serving systems such as the Division of Behavioral Health and Recovery, Children's Administration, and Juvenile Rehabilitation Administration; representatives of provider organizations; and researchers from the University of Washington and the DSHS Research and Data Analysis Division. In addition, this outcomes-based performance monitoring effort was developed with input from Washington's network of regional Family, Youth, and System Partner Roundtables.

The initial number of performance measures was deliberately restricted to a small and manageable number of sentinel indicators of the performance of our public child serving systems. The six goals and respective outcomes were selected based on: (1) their ability to span youth and family, service, and system outcomes; (2) their alignment with the aims of legislative acts specific to children's mental health services (e.g., House Bill 1088); and (3) availability of relevant data. These performance measures represent a commitment to clear identification of priority outcomes; monitoring our collective, cross-agency performance; transparent sharing of information; evaluating major policy initiatives in children's mental health and cross-system service delivery; and basing policy and resource allocation decisions on objective measures. The intent is for data to be used for program development and management and for continuous quality improvement in a way that is both family-driven and youth-guided.

For electronic version, see "Performance Measures" on DBHR's Children's Behavioral Health website (<https://www.dshs.wa.gov/bhsia/division-behavioral-health-and-recovery/childrens-behavioral-health>).

These measures were produced by the
DSHS Research and Data Analysis
Division in collaboration with

- DSHS Division of Behavioral Health and Recovery
- University of Washington Children's Evidence Based Practice Institute
 - Health Care Authority
 - Youth 'N Action
 - DSHS Juvenile Justice and Rehabilitation Administration
 - DSHS Children's Administration
 - DSHS Developmental Disabilities Administration
 - Department of Health
 - Office of Superintendent of Public Instruction



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POPULATION

Behavioral health needs of children and youth with Medicaid coverage in Washington State

- 0.1 Population reference table
- 0.2 Population reference figures

● NOTE: Entries shaded in gray have not yet been populated.

GOAL AREA: Health

Children and youth are emotionally and physically healthy and receive the support they need to manage their behavioral health

- 1.1 Children and youth experience less functional impairment
- 1.2 Children and youth with both mental health and alcohol or drug treatment need are treated for alcohol or drug use
- 1.3 Children and youth with behavioral health treatment need use emergency rooms at same rate as those without
- 1.4 Children and youth demonstrate reduced involvement in criminal justice system
- 1.5 Children and youth prescribed psychotropic medications are also receiving mental health treatment

GOAL AREA: Home

Children and youth live in safe, stable, home or home-like settings that support their resilience and well-being

- 2.1a Children and youth stay in their own homes
- 2.1b Children and youth have appropriate housing
- 2.2 Children and youth have fewer inpatient stays
- 2.3 Children and youth have shorter inpatient hospitalization stays
- 2.4a Children and youth are safe (measured by mortality rates)
- 2.4b Children and youth are safe (measured by injury rates)

GOAL AREA: Purpose

Children and youth learn, work, and contribute meaningfully to their community

- 3.1a Children and youth are successful in school (3rd grade)
- 3.1b Children and youth are successful in school (10th grade)
- 3.2 Youth complete high school

GOAL AREA: Community

Youth are engaged in relationships and social networks that provide support, friendship, love, and hope

- 4.1 Families and natural supports are fully integrated into treatment
- 4.2 Youth and families have access to peer support when needed

GOAL AREA: Practice

Services are family-driven, youth-guided, integrated, developmentally appropriate, and culturally competent, and practice is evidence based

- 5.1 Duplication of care and care plans is minimized
- 5.2 Services are integrated, flexible, and capable of meeting individualized needs, including the needs of youths with the most complex needs
- 5.3 Services, supports, and practices are research or evidence-based
- 5.4 Services are culturally and linguistically competent

GOAL AREA: System

A comprehensive continuum of effective services, from prevention, early identification, and intervention through crisis intervention and inpatient treatment, and including care coordination and peer support, is available and accessible

- 6.1 The system provides a comprehensive and accessible array of services for children, youth, and families
- 6.2 The system is characterized by accessibility and equity in access to care for children, youth, and families



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Population Reference Table

Behavioral health needs of children and youth with Medicaid coverage in Washington State

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total state population age 5-20	1,382,882	1,385,014	1,402,015	1,434,004	1,423,690	1,418,919	1,435,745				
Total age 5-20 in Medicaid	440,146	441,864	477,219	515,493	545,007	557,328	565,995				
Number with no known BH tx need (no MH, no AOD)	338,480	339,403	368,667	398,632	420,271	429,396	435,379				
Percent with no known BH tx need (no MH, no AOD)	76.9%	76.8%	77.3%	77.3%	77.1%	77.0%	76.9%				
Number with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446				
Percent with MH tx need	21.5%	21.6%	21.3%	21.2%	21.4%	21.6%	21.8%				
Number with AOD tx need	15,276	15,364	16,401	17,740	18,529	18,011	17,602				
Percent with AOD tx need	3.5%	3.5%	3.4%	3.4%	3.4%	3.2%	3.1%				
Number with co-occurring tx need (MH & AOD)	8,339	8,512	9,340	10,071	10,637	10,432	10,432				
Percent with co-occurring tx need (MH & AOD)	1.9%	1.9%	2.0%	2.0%	2.0%	1.9%	1.8%				
BY AGE: 5 - 11 YEARS											
Total age 5-11 in Medicaid	227,363	229,329	248,353	268,857	284,907	293,700	301,117				
Number with no known BH tx need (no MH, no AOD)	187,832	188,986	206,036	223,909	236,377	243,083	248,672				
Percent with no known BH tx need (no MH, no AOD)	82.6%	82.4%	83.0%	83.3%	83.0%	82.8%	82.6%				
Number with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445				
Percent with MH tx need	17.4%	17.6%	17.0%	16.7%	17.0%	17.2%	17.4%				
BY AGE: 12 - 17 YEARS											
Total age 12-17 in Medicaid	167,061	165,430	177,178	190,332	201,045	206,255	209,909				
Number with no known BH tx need (no MH, no AOD)	120,196	119,124	128,660	138,212	145,365	148,194	149,788				
Percent with no known BH tx need (no MH, no AOD)	71.9%	72.0%	72.6%	72.6%	72.3%	71.8%	71.4%				
Number with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549				
Percent with MH tx need	25.6%	25.5%	25.0%	25.0%	25.4%	25.9%	26.5%				
Number with AOD tx need	9,791	9,765	10,272	10,850	11,404	11,686	11,766				
Percent with AOD tx need	5.9%	5.9%	5.8%	5.7%	5.7%	5.7%	5.6%				
Number with co-occurring tx need (MH & AOD)	5,653	5,633	6,067	6,367	6,697	6,979	7,194				
Percent with co-occurring tx need (MH & AOD)	3.4%	3.4%	3.4%	3.3%	3.3%	3.4%	3.4%				
BY AGE: 18 - 20 YEARS											
Total age 18-20 in Medicaid	45,722	47,105	51,688	56,304	59,055	57,373	54,969				
Number with no known BH tx need (no MH, no AOD)	30,452	31,293	33,971	36,511	38,529	38,119	36,919				
Percent with no known BH tx need (no MH, no AOD)	66.6%	66.4%	65.7%	64.8%	65.2%	66.4%	67.2%				
Number with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452				
Percent with MH tx need	27.3%	27.8%	28.8%	29.5%	29.4%	28.6%	28.1%				
Number with AOD tx need	5,485	5,599	6,129	6,890	7,125	6,325	5,836				
Percent with AOD tx need	12.0%	11.9%	11.9%	12.2%	12.1%	11.0%	10.6%				
Number with co-occurring tx need (MH & AOD)	2,686	2,879	3,273	3,704	3,940	3,453	3,238				
Percent with co-occurring tx need (MH & AOD)	5.9%	6.1%	6.3%	6.6%	6.7%	6.0%	5.9%				

NOTE: Categories not mutually exclusive; numbers do not add to 100%. Total state population age 5-20 estimated using calendar year data from the American Community Survey. For additional notes and definitions, see next page.



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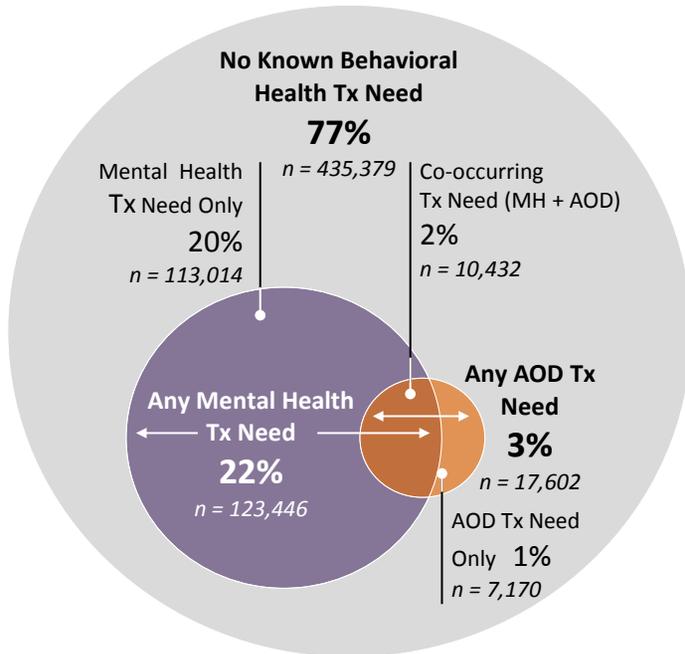
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Population Reference Figures

Behavioral health needs of children and youth with Medicaid coverage in Washington State

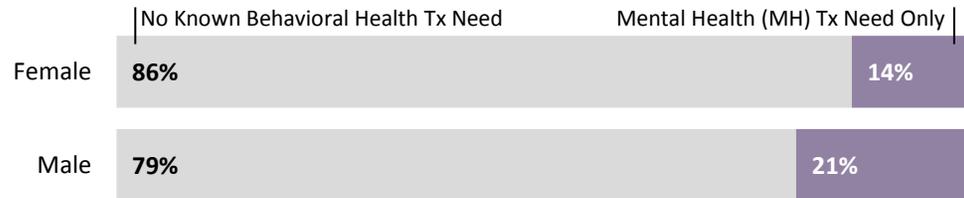
All Children Age 5-20 on Medicaid (SFY 2013)

Total = 565,995

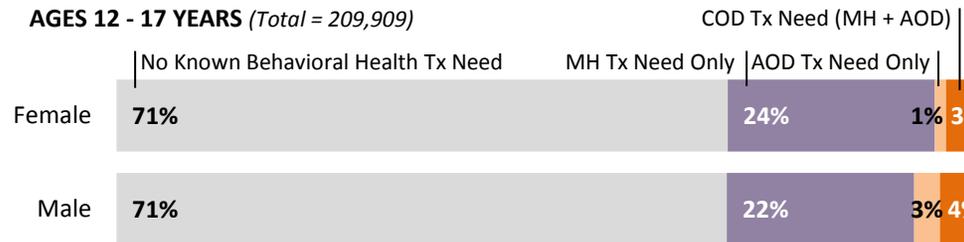


By Age and Gender

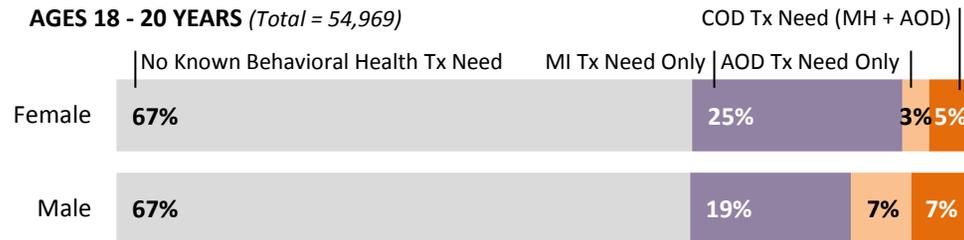
AGES 5 - 11 YEARS (Total = 301,117)



AGES 12 - 17 YEARS (Total = 209,909)



AGES 18 - 20 YEARS (Total = 54,969)



DEFINITIONS

Number and proportion of youth with Medicaid coverage (includes CHIP) who have mental health (MH) treatment need, alcohol or drug treatment need (AOD), or co-occurring treatment need (COD = MH + AOD). Youth with MH have at least one indication of mental health treatment need, including a mental health-related diagnosis, procedure, prescription, or treatment in the current or previous State Fiscal Year (SFY). Youth with AOD treatment need have at least one substance-related diagnosis, procedure, prescription, treatment, or arrest in the current or previous SFY. Youth with COD have indications of both mental health treatment need (MH) and alcohol or drug treatment need (AOD) in the same two-year window. As alcohol or drug treatment need is rare before adolescence, AOD and COD are unmeasured for youth under age 12. See technical notes for more detailed definitions.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.



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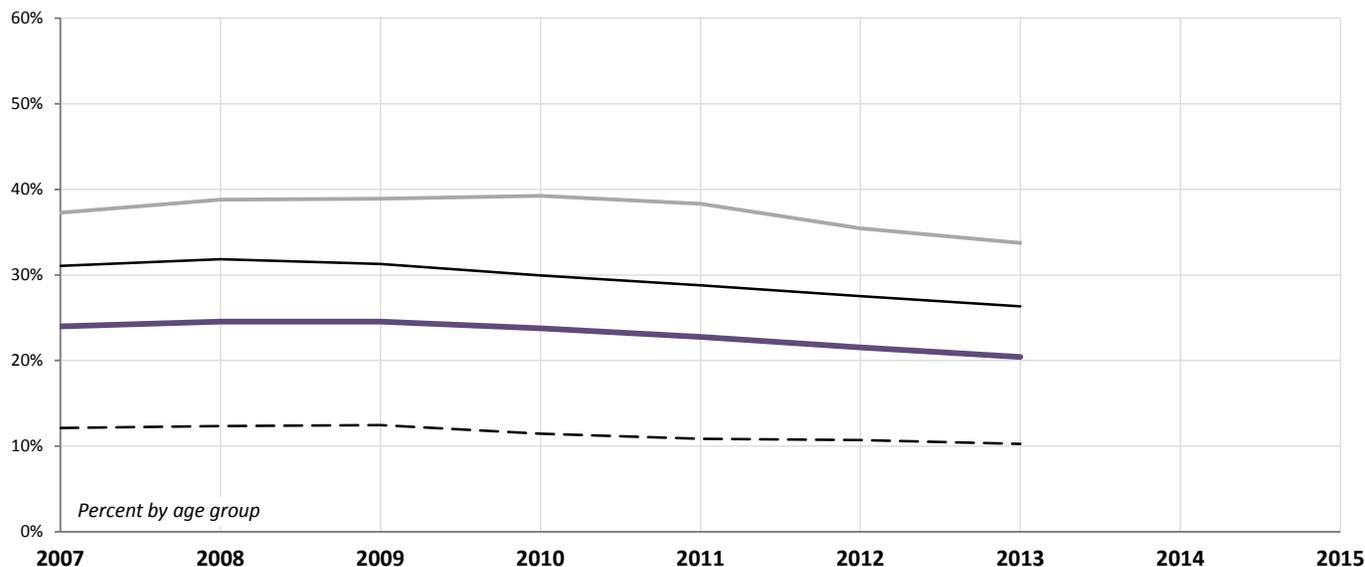
GOAL AREA: Health

OUTCOME 1.1

Children and youth experience less functional impairment

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of children and youth with mental health (MH) treatment need who have at least one functional impact during the SFY, including criminal convictions, crisis encounters, suicidal behavior, overdose, multiple psychiatric ER visits, inpatient stays and/or substance abuse from administrative data sources.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with functional impacts	22,716	23,491	24,922	25,937	26,593	25,918	25,230		
Percent with functional impacts	24.0%	24.6%	24.6%	23.8%	22.8%	21.5%	20.4%		
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445		
Number with functional impacts	4,802	4,985	5,282	5,156	5,276	5,433	5,386		
Percent with functional impacts	12.1%	12.4%	12.5%	11.5%	10.9%	10.7%	10.3%		
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Number with functional impacts	13,267	13,428	13,858	14,264	14,674	14,679	14,630		
Percent with functional impacts	31.1%	31.8%	31.3%	29.9%	28.8%	27.5%	26.3%		
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Number with functional impacts	4,647	5,078	5,782	6,517	6,643	5,806	5,214		
Percent with functional impacts	37.3%	38.8%	38.9%	39.2%	38.3%	35.4%	33.7%		



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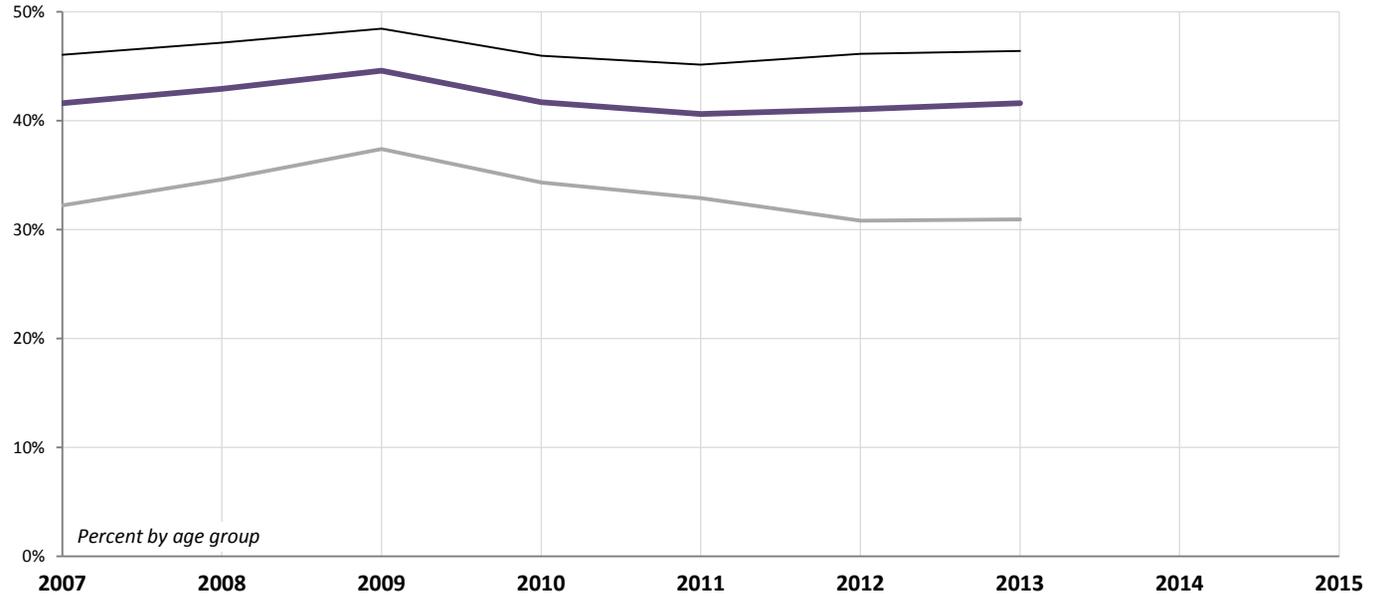
GOAL AREA: Health

OUTCOME 1.2

**Co-Occurring Disorders:
Children and youth with
both mental health and
alcohol or drug
treatment need are
treated for alcohol or
drug use**

LEGEND

- All ages
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of youth with both mental health (MH) treatment need and alcohol or drug (AOD) treatment need as indicated by administrative data sources who are screened, identified, and/or treated for alcohol or drug use during SFY.

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with COD (MH + AOD) tx need	8,339	8,512	9,340	10,071	10,637	10,432	10,432		
Number with AOD treatment	3,470	3,653	4,164	4,199	4,320	4,284	4,341		
Percent with AOD treatment	41.6%	42.9%	44.6%	41.7%	40.6%	41.1%	41.6%		
BY AGE: 12 - 17 YEARS									
Total with COD (MH + AOD) tx need	5,653	5,633	6,067	6,367	6,697	6,979	7,194		
Number with AOD treatment	2,604	2,657	2,940	2,927	3,024	3,220	3,339		
Percent with AOD treatment	46.1%	47.2%	48.5%	46.0%	45.2%	46.1%	46.4%		
BY AGE: 18 - 20 YEARS									
Total with COD (MH + AOD) tx need	2,686	2,879	3,273	3,704	3,940	3,453	3,238		
Number with AOD treatment	866	996	1,224	1,272	1,296	1,064	1,002		
Percent with AOD treatment	32.2%	34.6%	37.4%	34.3%	32.9%	30.8%	30.9%		



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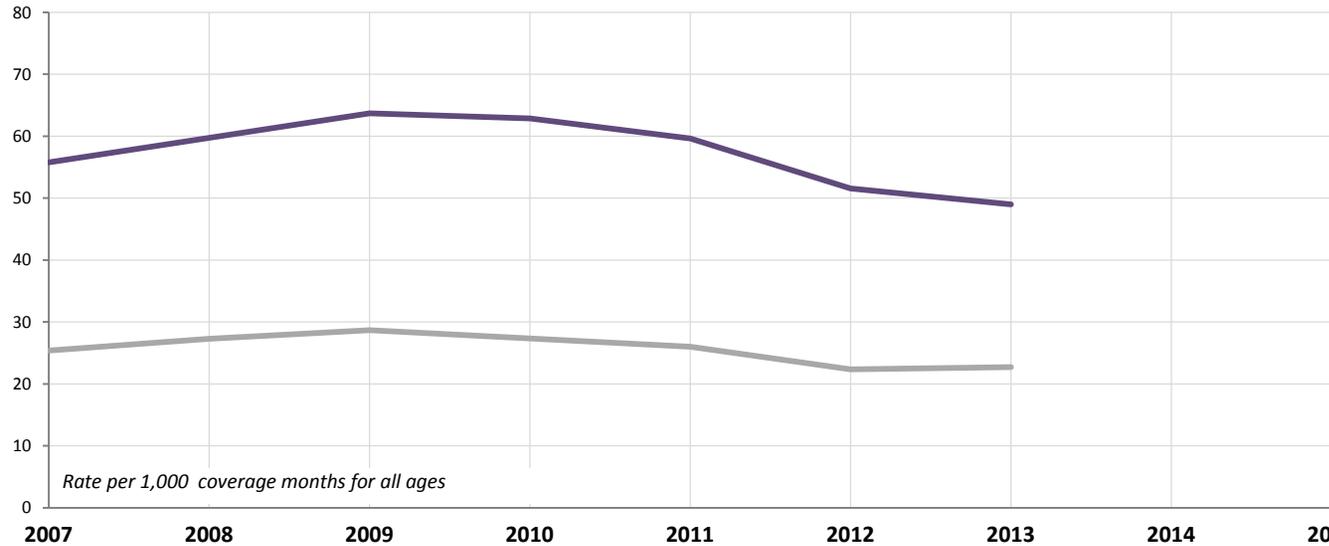
GOAL AREA: Health

OUTCOME 1.3 v1

Children and youth with mental health treatment need use emergency rooms at same rate as those without mental health treatment need

LEGEND

- All ages with MH tx need
- All ages no MH tx need



INDICATOR

The use rate here is defined as the number of emergency department visits in SFY per 1,000 member months. Member months are the months all children had coverage under Medicaid or other forms of medical assistance such as SCHIP.

STATE FISCAL YEAR

	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth	440,146	441,864	477,219	515,493	545,007	557,328	565,995		
Total youth with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Youth with MH tx need, rate of ER use	56	60	64	63	60	52	49		
Youth without MH tx need, rate of ER use	25	27	29	27	26	22	23		
BY AGE: 5 - 11 YEARS									
Total youth	227,363	229,329	248,353	268,857	284,907	293,700	301,117		
Total youth with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445		
Youth with MH tx need, rate of ER use	34	36	38	38	37	33	33		
Youth without MH tx need, rate of ER use	22	24	26	25	24	20	22		
BY AGE: 12 - 17 YEARS									
Total youth	167,061	165,430	177,178	190,332	201,045	206,255	209,909		
Total youth with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Youth with MH tx need, rate of ER use	56	60	64	61	58	52	50		
Youth without MH tx need, rate of ER use	24	26	28	25	24	21	21		
BY AGE: 18 - 20 YEARS									
Total youth	45,722	47,105	51,688	56,304	59,055	57,373	54,969		
Total youth with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Youth with MH tx need, rate of ER use	143	153	157	155	147	122	112		
Youth without MH tx need, rate of ER use	59	61	61	58	54	47	44		

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.



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GOAL AREA: Health

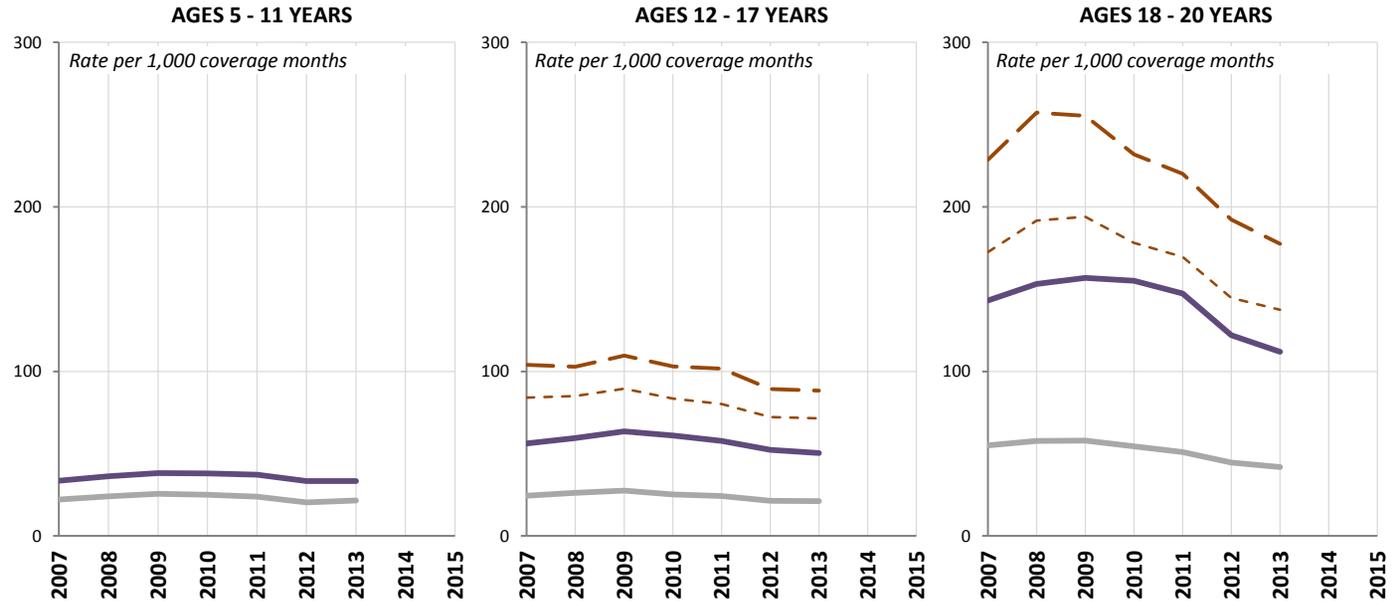
OUTCOME 1.3 v2

Children and youth with behavioral health (BH) treatment need use emergency rooms at same rate as those without BH treatment need

LEGEND

- Youth with no known BH tx need
- Youth with MH
- - - Youth with AOD
- Youth with COD

RATE OF EMERGENCY ROOM UTILIZATION



INDICATOR

The use rate here is defined as the number of emergency department visits in SFY per 1,000 member months. Member months are the months all children had coverage under Medicaid or other forms of medical assistance such as SCHIP. As alcohol or drug treatment need is rare before adolescence, AOD treatment need and COD treatment need are unmeasured for youth under age 12.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Youth with no known BH tx need	25	27	28	27	25	22	22		
Youth with MH tx need	56	60	64	63	60	52	49		
Youth with AOD tx need	109	116	121	113	108	92	88		
Youth with COD (MH + AOD) tx need	138	147	153	143	139	117	111		
BY AGE: 5 - 11 YEARS									
Youth with no known BH tx need	22	24	26	25	24	20	22		
Youth with MH tx need	34	36	38	38	37	33	33		
BY AGE: 12 - 17 YEARS									
Youth with no known BH tx need	24	26	28	25	24	21	21		
Youth with MH tx need	56	60	64	61	58	52	50		
Youth with AOD tx need	84	85	90	83	80	72	71		
Youth with COD (MH + AOD) tx need	104	103	110	103	102	89	88		
BY AGE: 18 - 20 YEARS									
Youth with no known BH tx need	55	58	58	54	51	45	42		
Youth with MH tx need	143	153	157	155	147	122	112		
Youth with AOD tx need	172	192	194	178	170	145	138		
Youth with COD (MH + AOD) tx need	229	257	255	232	220	192	178		



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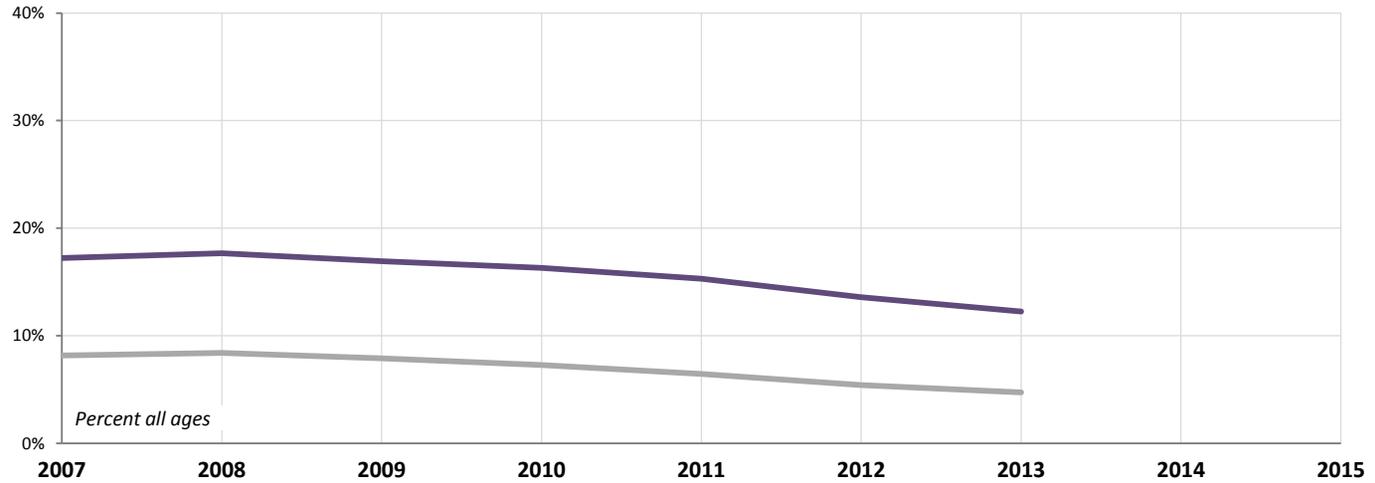
GOAL AREA: Health

OUTCOME 1.4

Children and youth demonstrate reduced involvement in criminal justice system

LEGEND

- With MH tx need with criminal justice
- No MH tx need and criminal justice



INDICATOR

Number and proportion of youth age 12-20 with mental health (MH) treatment need who have any criminal justice involvement, including both arrests (felonies and gross misdemeanors) and convictions.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number without MH tx need									
Number without MH tx need	157,585	157,269	169,692	182,392	191,786	193,892	193,877		
Number with MH tx need									
Number with MH tx need	55,198	55,266	59,174	64,244	68,314	69,736	71,001		
Number w/o MH any criminal justice									
Number w/o MH any criminal justice	12,893	13,230	13,409	13,273	12,356	10,520	9,156		
Number w/MH and any criminal justice									
Number w/MH and any criminal justice	9,507	9,766	10,023	10,480	10,444	9,474	8,692		
Percent w/o MH with criminal justice									
Percent w/o MH with criminal justice	8.2%	8.4%	7.9%	7.3%	6.4%	5.4%	4.7%		
Percent w/MH and any criminal justice									
Percent w/MH and any criminal justice	17.2%	17.7%	16.9%	16.3%	15.3%	13.6%	12.2%		
BY AGE: 12 - 17 YEARS									
Number without MH tx need									
Number without MH tx need	124,334	123,256	132,865	142,695	150,072	152,901	154,360		
Number with MH tx need									
Number with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Number w/o MH any criminal justice									
Number w/o MH any criminal justice	8,176	8,352	8,105	7,884	7,234	6,101	5,439		
Number w/MH and any criminal justice									
Number w/MH and any criminal justice	6,896	6,923	6,720	6,895	6,940	6,530	6,163		
Percent w/o MH with criminal justice									
Percent w/o MH with criminal justice	6.6%	6.8%	6.1%	5.5%	4.8%	4.0%	3.5%		
Percent w/MH and any criminal justice									
Percent w/MH and any criminal justice	16.1%	16.4%	15.2%	14.5%	13.6%	12.2%	11.1%		
BY AGE: 18 - 20 YEARS									
Number without MH tx need									
Number without MH tx need	33,251	34,013	36,827	39,697	41,714	40,991	39,517		
Number with MH tx need									
Number with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Number w/o MH any criminal justice									
Number w/o MH any criminal justice	4,717	4,878	5,304	5,389	5,122	4,419	3,717		
Number w/MH and any criminal justice									
Number w/MH and any criminal justice	2,611	2,843	3,303	3,585	3,504	2,944	2,529		
Percent w/o MH with criminal justice									
Percent w/o MH with criminal justice	14.2%	14.3%	14.4%	13.6%	12.3%	10.8%	9.4%		
Percent w/MH and any criminal justice									
Percent w/MH and any criminal justice	20.9%	21.7%	22.2%	21.6%	20.2%	18.0%	16.4%		

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.



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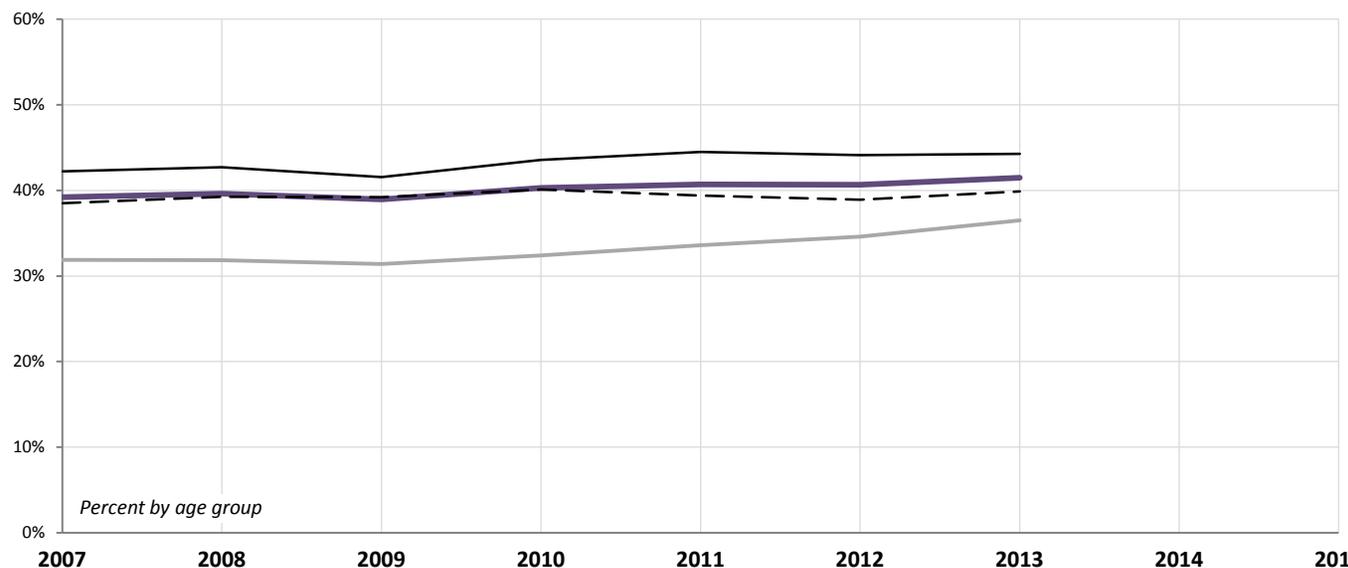
GOAL AREA: Health

OUTCOME 1.5

Children and youth prescribed psychotropic medications are also receiving mental health treatment

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of children and youth age 5-20 with mental health (MH) treatment need who were prescribed medications in the SFY AND who have at least one recorded claim for mental health treatment or service (MH treatment; includes OP intake) during the same SFY.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need and meds	43,918	44,933	48,492	50,426	52,418	50,806	49,258		
Number with MH treatment	17,219	17,800	18,882	20,313	21,325	20,662	20,433		
Percent with MH treatment	39.2%	39.6%	38.9%	40.3%	40.7%	40.7%	41.5%		
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MH tx need and meds	17,865	18,344	19,283	19,866	20,711	20,665	20,067		
Number with MH treatment	6,881	7,197	7,564	7,964	8,161	8,041	8,005		
Percent with MH treatment	38.5%	39.2%	39.2%	40.1%	39.4%	38.9%	39.9%		
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MH tx need and meds	19,632	19,648	21,112	21,893	23,083	23,008	22,872		
Number with MH treatment	8,290	8,392	8,775	9,540	10,266	10,152	10,123		
Percent with MH treatment	42.2%	42.7%	41.6%	43.6%	44.5%	44.1%	44.3%		
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MH tx need and meds	6,421	6,941	8,097	8,667	8,624	7,133	6,319		
Number with MH treatment	2,048	2,211	2,543	2,809	2,898	2,469	2,305		
Percent with MH treatment	31.9%	31.9%	31.4%	32.4%	33.6%	34.6%	36.5%		



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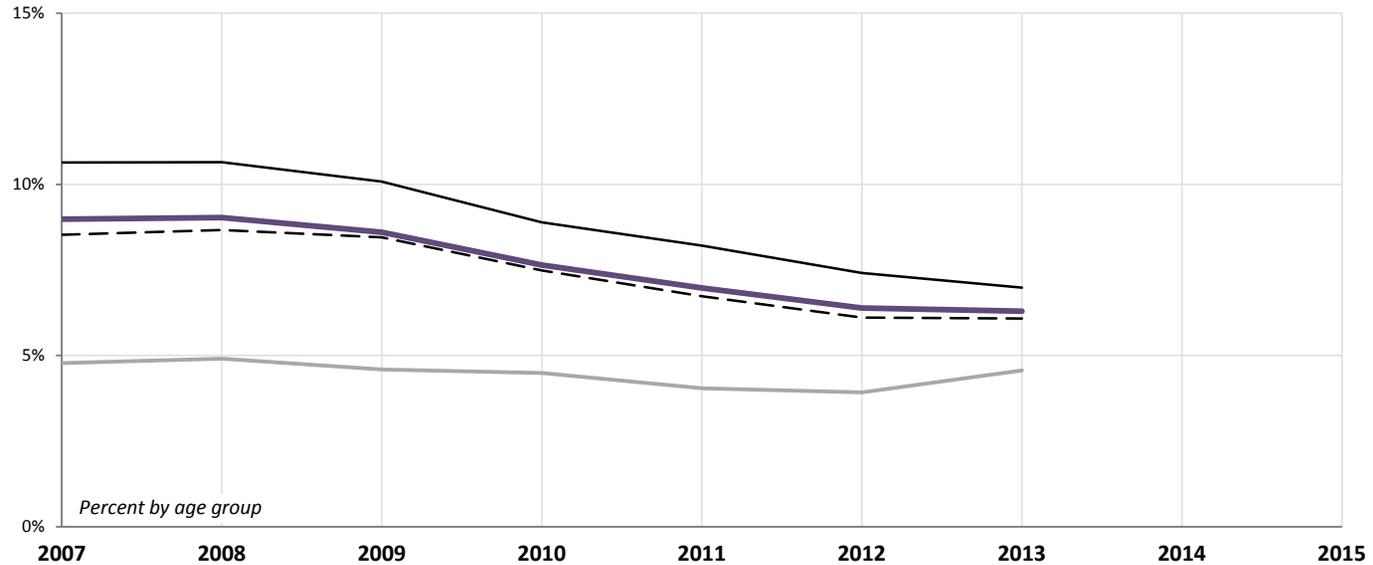
GOAL AREA: Home

OUTCOME 2.1a

Children and youth stay in their own homes

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of children and youth with mental health (MH) treatment need who have any incidence of an out-of-home placement, including foster care, CLIP, state hospital, community psychiatric inpatient, residential habilitation center, or JRA institution in a SFY.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with MH tx need out of home	8,512	8,632	8,730	8,350	8,155	7,692	7,773		
Percent with MH tx need out of home	9.0%	9.0%	8.6%	7.6%	7.0%	6.4%	6.3%		
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445		
Number with MH tx need out of home	3,372	3,497	3,579	3,367	3,267	3,095	3,190		
Percent with MH tx need out of home	8.5%	8.7%	8.5%	7.5%	6.7%	6.1%	6.1%		
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Number with MH tx need out of home	4,544	4,492	4,468	4,237	4,187	3,954	3,878		
Percent with MH tx need out of home	10.6%	10.7%	10.1%	8.9%	8.2%	7.4%	7.0%		
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Number with MH tx need out of home	596	643	683	746	701	643	705		
Percent with MH tx need out of home	4.8%	4.9%	4.6%	4.5%	4.0%	3.9%	4.6%		



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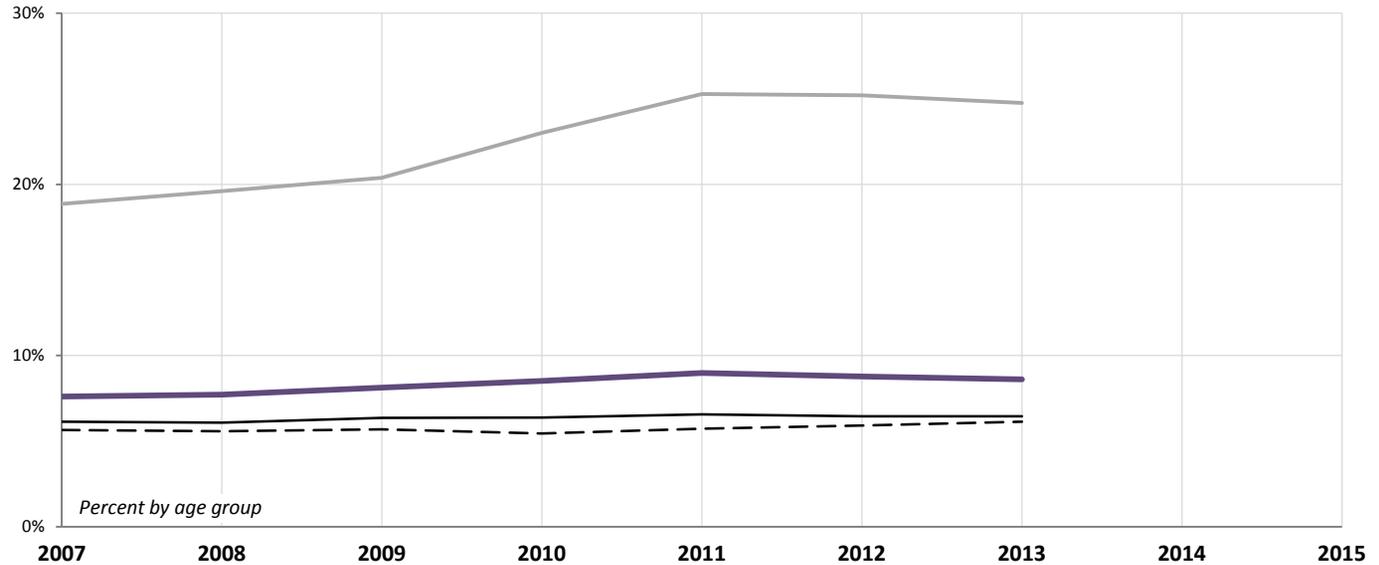
GOAL AREA: Home

OUTCOME 2.1b

Children and youth have appropriate housing

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of children and youth with mental health (MH) treatment need who have any incidence of homelessness or housing instability in a SFY.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with MH tx need homeless	7,213	7,386	8,259	9,311	10,505	10,571	10,633		
Percent with MH tx need homeless	7.6%	7.7%	8.1%	8.5%	9.0%	8.8%	8.6%		
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445		
Number with MH tx need homeless	2,236	2,250	2,410	2,453	2,780	2,999	3,224		
Percent with MH tx need homeless	5.7%	5.6%	5.7%	5.5%	5.7%	5.9%	6.1%		
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Number with MH tx need homeless	2,624	2,569	2,820	3,037	3,343	3,442	3,584		
Percent with MH tx need homeless	6.1%	6.1%	6.4%	6.4%	6.6%	6.5%	6.5%		
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Number with MH tx need homeless	2,353	2,567	3,029	3,821	4,382	4,130	3,825		
Percent with MH tx need homeless	18.9%	19.6%	20.4%	23.0%	25.3%	25.2%	24.8%		



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GOAL AREA: Home

PERCENT WITH PSYCHIATRIC INPATIENT STAYS

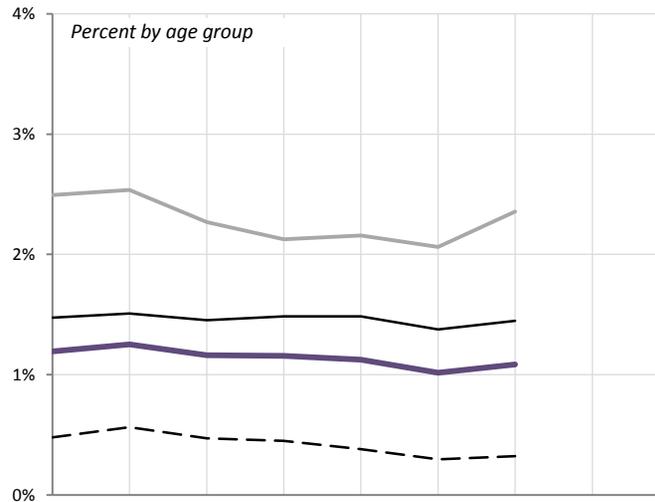
OUTCOME 2.2

Children and youth have fewer inpatient stays

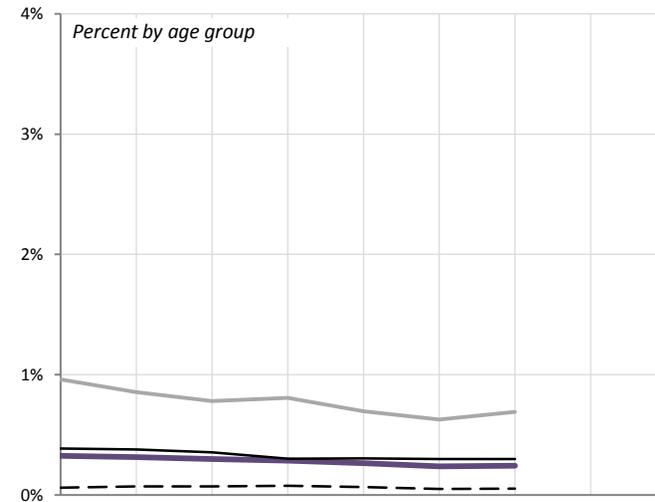
LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years

INPATIENT COMMUNITY PSYCHIATRIC STAYS



CLIP/CSTC/STATE HOSPITAL STAYS



INDICATOR

Number and proportion of children and youth with mental health (MH) treatment need who have used the following inpatient services (MH IP) at least once during the SFY: Community Psychiatric Inpatient, or Children's Long-term Inpatient (CLIP), Child Study and Treatment Center (CSTC), or State Hospital. Children may be counted in one or both categories.

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number with community psych IP	1,131	1,197	1,181	1,263	1,316	1,223	1,339		
Percent with community psych IP	1.2%	1.3%	1.2%	1.2%	1.1%	1.0%	1.1%		
Number with CLIP/CSTC/state hosp.	310	301	304	313	309	289	301		
Percent with CLIP/CSTC/state hosp.	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%		
BY AGE: 5 - 11 YEARS									
Number with community psych IP	190	228	200	202	185	151	170		
Percent with community psych IP	0.5%	0.6%	0.5%	0.4%	0.4%	0.3%	0.3%		
Number with CLIP/CSTC	24	29	31	35	33	26	28		
Percent with CLIP/CSTC	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%		
BY AGE: 12 - 17 YEARS									
Number with community psych IP	630	637	644	708	757	734	805		
Percent with community psych IP	1.5%	1.5%	1.5%	1.5%	1.5%	1.4%	1.4%		
Number with CLIP/CSTC	166	160	157	144	155	160	166		
Percent with CLIP/CSTC	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%		
BY AGE: 18 - 20 YEARS									
Number with community psych IP	311	332	337	353	374	338	364		
Percent with community psych IP	2.5%	2.5%	2.3%	2.1%	2.2%	2.1%	2.4%		
Number with state hospital	120	112	116	134	121	103	107		
Percent with state hospital	1.0%	0.9%	0.8%	0.8%	0.7%	0.6%	0.7%		



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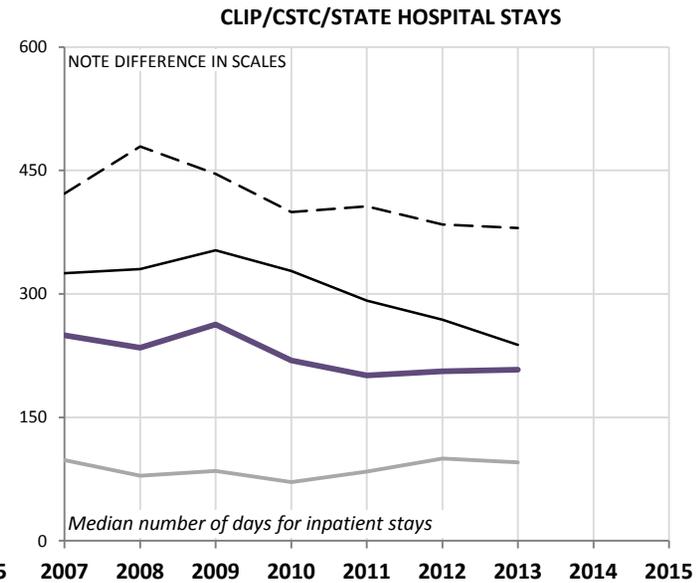
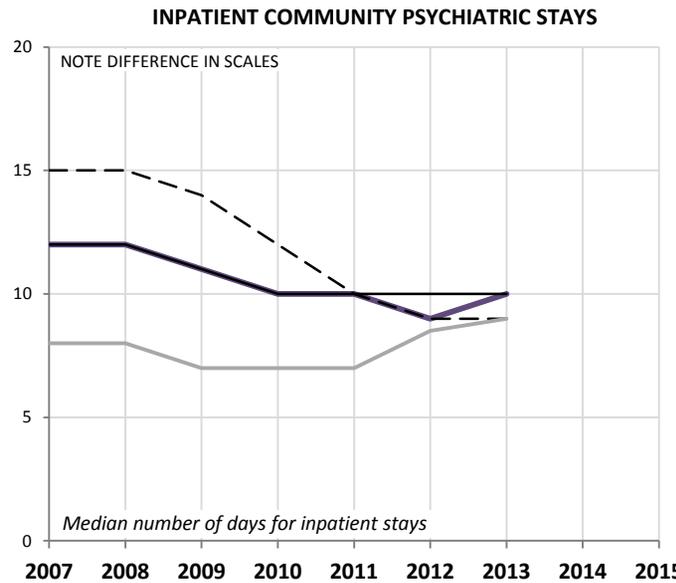
OUTCOME 2.3

Children and youth have shorter inpatient hospitalization stays

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years

MEDIAN DAYS OF INPATIENT STAYS



INDICATOR

Median duration of mental health (MH) treatment need inpatient stays (including Children's Long-term Inpatient (CLIP), Child Study and Treatment Center (CSTC), State Hospital, or Community Psychiatric Inpatient), measured in days, for all stays at least one day of which occurred during the SFY. Stays which combine both types are included in CLIP/CSTC/state hospital.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Community Psychiatric IP Only	12	12	11	10	10	9	10		
CLIP/CSTC/state hospital	250	235	263	219	201	206	208		
BY AGE: 5 - 11 YEARS									
Community Psychiatric IP Only	15	15	14	12	10	9	9		
CLIP/CSTC	422	479	446	400	407	385	380		
BY AGE: 12 - 17 YEARS									
Community Psychiatric IP Only	12	12	11	10	10	10	10		
CLIP/CSTC	325	330	353	328	292	269	238		
BY AGE: 18 - 20 YEARS									
Community Psychiatric IP Only	8	8	7	7	7	9	9		
State hospital	98	79	85	72	84	100	96		



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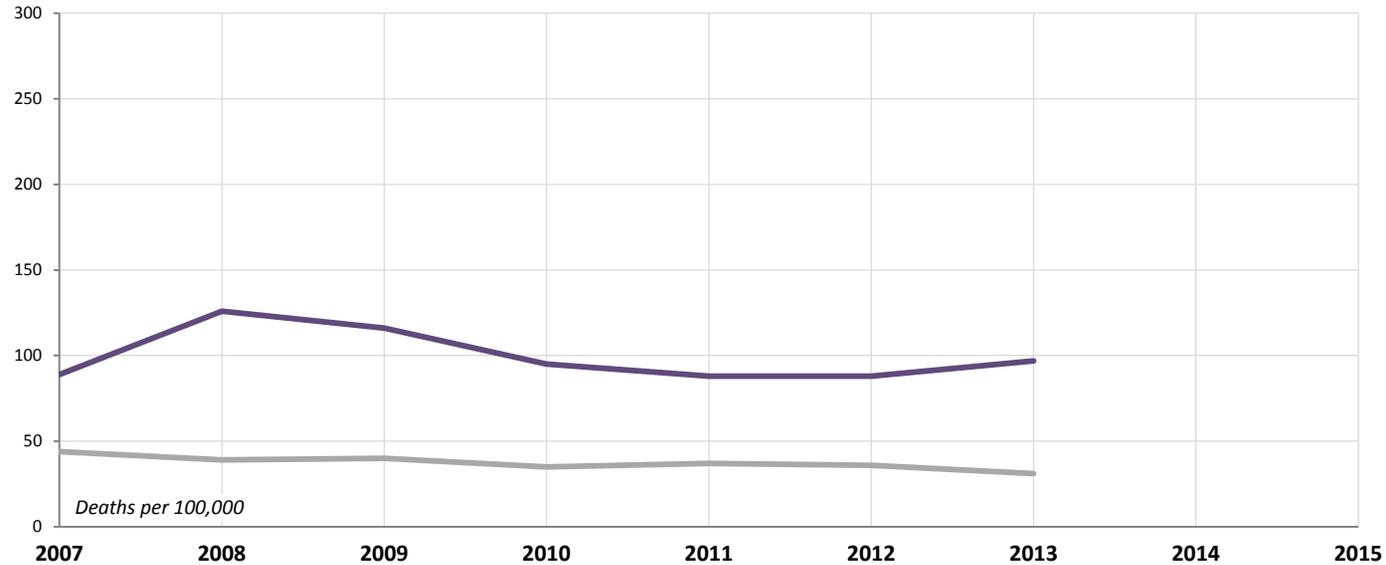
GOAL AREA: Home

OUTCOME 2.4a

Children and youth are safe (measured by mortality rates)

LEGEND

- All ages, MH tx need
- All ages, No MH tx need



INDICATOR

Number of children and youth per 100,000 with and without mental health (MH) treatment need who have died as indicated by a death certificate record in the SFY.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need, ages 5-20	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with MH tx need with death	84	120	118	104	103	106	120		
Deaths per 100,000 with MH tx need	89	126	116	95	88	88	97		
Total youth without MH tx need, ages 5-20	345,417	346,255	375,728	406,301	428,163	436,975	442,549		
Number without MH tx need with death	152	135	151	141	157	158	135		
Deaths per 100,000 without MH tx need	44	39	40	35	37	36	31		
BY AGE: 5 - 11 YEARS									
Deaths per 100,000 with MH tx need	48	77	69	49	39	53	55		
Deaths per 100,000 without MH tx need	27	27	25	22	25	19	17		
BY AGE: 12 - 17 YEARS									
Deaths per 100,000 with MH tx need	73	128	131	84	96	73	90		
Deaths per 100,000 without MH tx need	56	44	49	45	41	44	36		
BY AGE: 18 - 20 YEARS									
Deaths per 100,000 with MH tx need	273	267	209	253	202	244	265		
Deaths per 100,000 without MH tx need	96	88	95	68	86	110	96		

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.



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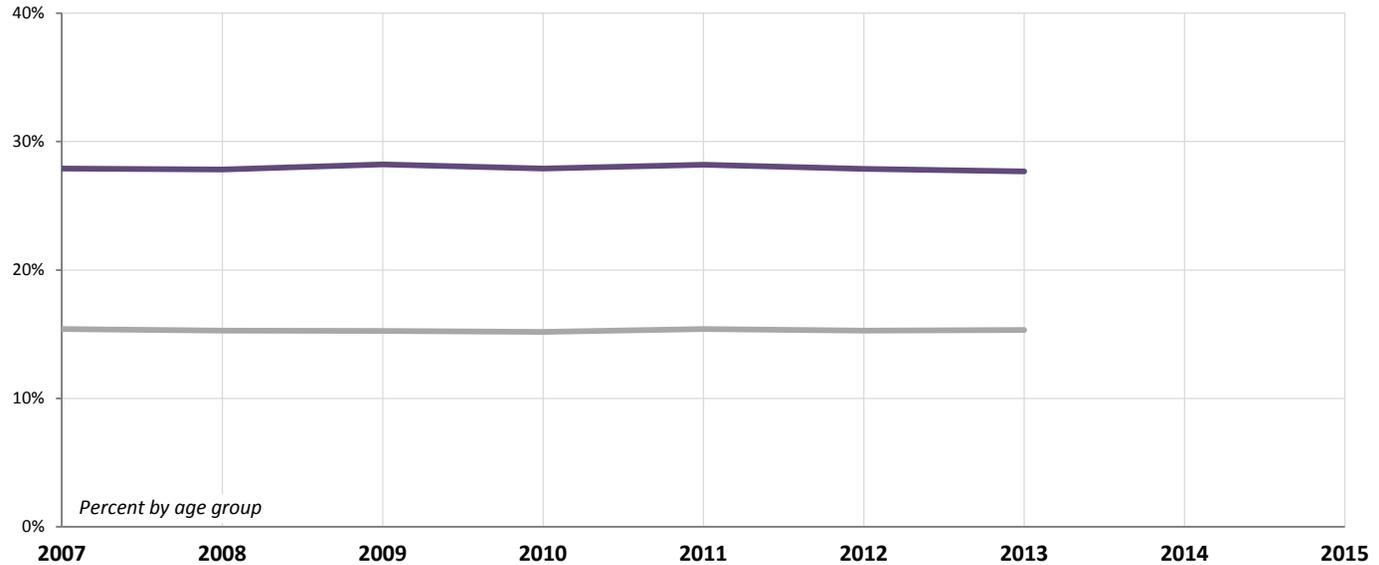
GOAL AREA: Home

OUTCOME 2.4b

Children and youth are safe (measured by injury rates)

LEGEND

- All ages, MH tx need
- All ages, no MH tx need



INDICATOR

Number and proportion of children and youth with and without mental health (MH) treatment need who have been treated for an injury at least once in the SFY .

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need, ages 5-20	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with MH tx need with injury	26,423	26,611	28,639	30,455	32,939	33,550	34,159		
Percent with MH tx need with injury	27.9%	27.8%	28.2%	27.9%	28.2%	27.9%	27.7%		
Total youth without MH tx need, ages 5-20	345,417	346,255	375,728	406,301	428,163	436,975	442,549		
Number without MH tx need with injury	53,225	52,893	57,324	61,703	65,968	66,782	67,810		
Percent without MH tx need with injury	15.4%	15.3%	15.3%	15.2%	15.4%	15.3%	15.3%		
BY AGE: 5 - 11 YEARS									
Percent with MH tx need with injury	24.2%	23.7%	24.5%	24.0%	24.4%	24.6%	24.6%		
Percent without MH tx need with injury	14.2%	14.1%	14.1%	14.0%	14.3%	14.5%	14.5%		
BY AGE: 12 - 17 YEARS									
Percent with MH tx need with injury	31.5%	31.6%	31.5%	31.3%	31.9%	31.8%	31.4%		
Percent without MH tx need with injury	18.3%	18.1%	18.0%	18.0%	18.2%	17.9%	18.0%		
BY AGE: 18 - 20 YEARS									
Percent with MH tx need with injury	27.4%	28.3%	28.9%	28.7%	27.8%	25.2%	24.6%		
Percent without MH tx need with injury	11.7%	11.8%	12.0%	11.8%	11.2%	10.5%	10.0%		



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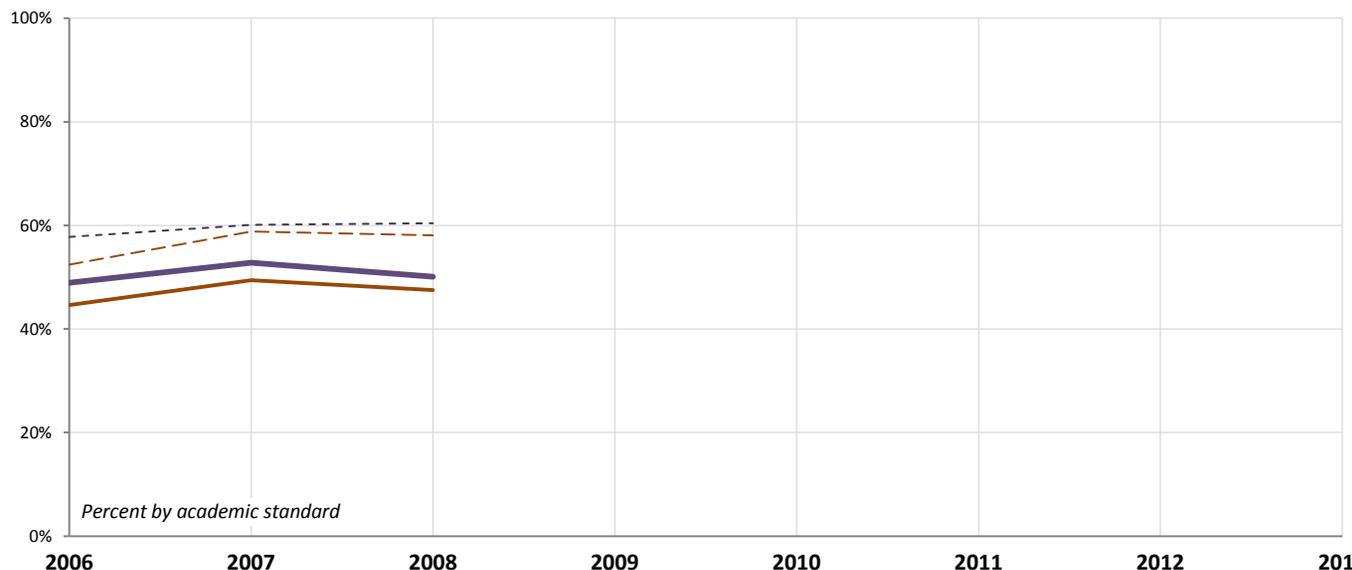
GOAL AREA: Purpose

OUTCOME 3.1a

3rd grade children are successful in school

LEGEND

- No MH tx need and met Reading standard
- With MH tx need and met Reading standard
- - - No MH tx need and met Math standard
- With MH tx need and met Math standard



INDICATOR

Number and proportion of youth with and without mental health (MH) treatment need who meet 3rd Grade standards on state standardized tests: 1. Assessment 2006-2008 refers to WASL, WABA, and WAMO. 2. Denominator excludes unexcused absence, refusal, no booklet, enrolled but not tested, incomplete, invalidated and tested out of grade level. 3. Calculation excludes excused absences, not enrolled during testing window, partially enrolled, medical exempt, previously passed and LEP exempt.

SOURCE

DSHS Integrated Client Database, INVEST Education Database.

STATE FISCAL YEAR	2006	2007	2008	2009	2010	2011	2012	2013
Total w/MH tx need attempting 3rd grade Reading	4,680	4,964	5,011					
Total w/o MH tx need attempting 3rd grade Reading	20,896	21,845	22,566					
Total w/MH tx need attempting 3rd grade Math	4,734	4,992	5,041					
Total w/o MH tx need attempting 3rd grade Math	20,952	21,873	22,601					
Reading								
Number w/MH tx need met 3rd grade Reading standard	2,287	2,620	2,513					
Number w/o MH tx need met 3rd grade Reading standard	12,083	13,122	13,626					
Percent w/MH tx need met 3rd grade Reading standard	48.9%	52.8%	50.1%					
Percent w/o MH tx need met 3rd grade Reading standard	57.8%	60.1%	60.4%					
Math								
Number w/MH tx need met 3rd grade Math standard	2,110	2,468	2,394					
Number w/o MH tx need met 3rd grade Math standard	10,976	12,854	13,140					
Percent w/MH tx need met 3rd grade Math standard	44.6%	49.4%	47.5%					
Percent w/o MH tx need met 3rd grade Math standard	52.4%	58.8%	58.1%					



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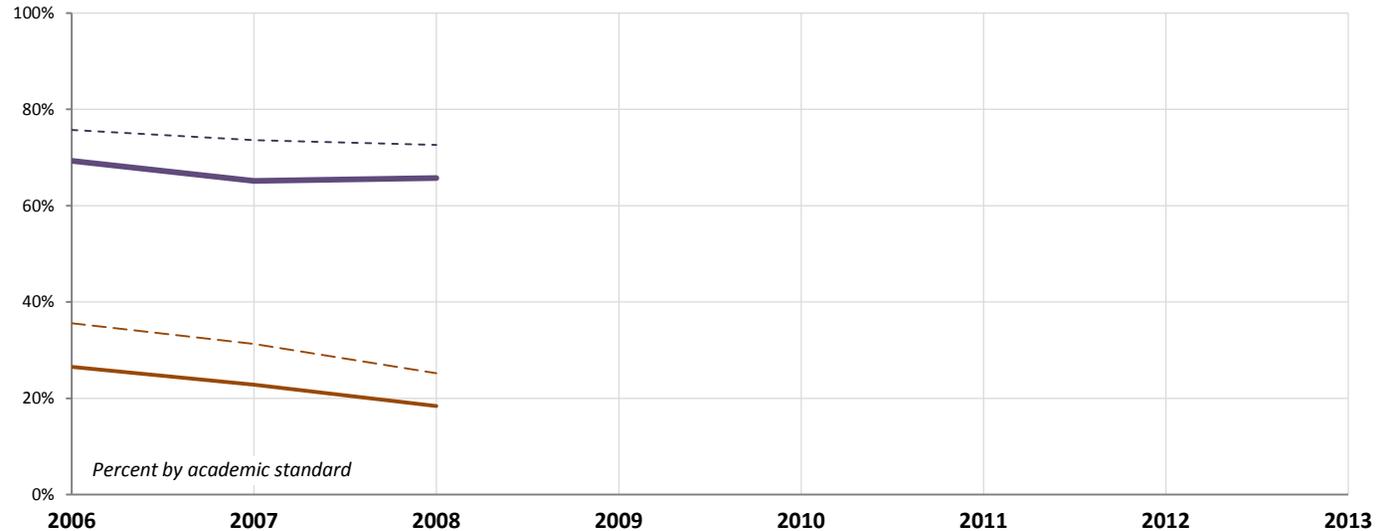
GOAL AREA: Purpose

OUTCOME 3.1b

10th grade youth are successful in school

LEGEND

- No MH tx need met Reading standard
- With MH tx need met Reading standard
- - - No MH tx need met Math standard
- With MH tx need met Math standard



INDICATOR

Number and proportion of youth with mental health (MH) treatment need who meet 10th grade standards on state standardized tests.

- Notes: 1. Assessment 2006-2008 refers to WASL, WABA, and WAMO.
 2. Denominator excludes unexcused absence, refusal, no booklet, enrolled but not tested, incomplete, invalidated and tested out of grade level.
 3. Calculation excludes excused absences, not enrolled during testing window, partially enrolled, medical exempt, previously passed and LEP exempt.

SOURCE

DSHS Integrated Client Database, INVEST Education Database.

STATE FISCAL YEAR	2006	2007	2008	2009	2010	2011	2012	2013
Total w/MH tx need attempting 10th grade Reading	3,932	5,214	5,943					
Total w/o MH tx need attempting 10th grade Reading	13,637	18,450	21,421					
Total w/MH tx need attempting 10th grade Math	3,653	5,881	7,395					
Total w/o MH tx need attempting 10th grade Math	13,298	21,932	28,091					
Reading								
Number w/MH tx need met 10th grade Reading standard	2,723	3,392	3,907					
Number w/o MH tx need met 10th grade Reading standard	10,321	13,571	15,552					
Percent w/MH tx need met 10th grade Reading standard	69.3%	65.1%	65.7%					
Percent w/o MH tx need met 10th grade Reading standard	75.7%	73.6%	72.6%					
Math								
Number w/MH tx need met 10th grade Math standard	968	1,342	1,357					
Number w/o MH tx need met 10th grade Math standard	4,737	6,865	7,086					
Percent w/MH tx need met 10th grade Math standard	26.5%	22.8%	18.4%					
Percent w/o MH tx need met 10th grade Math standard	35.6%	31.3%	25.2%					



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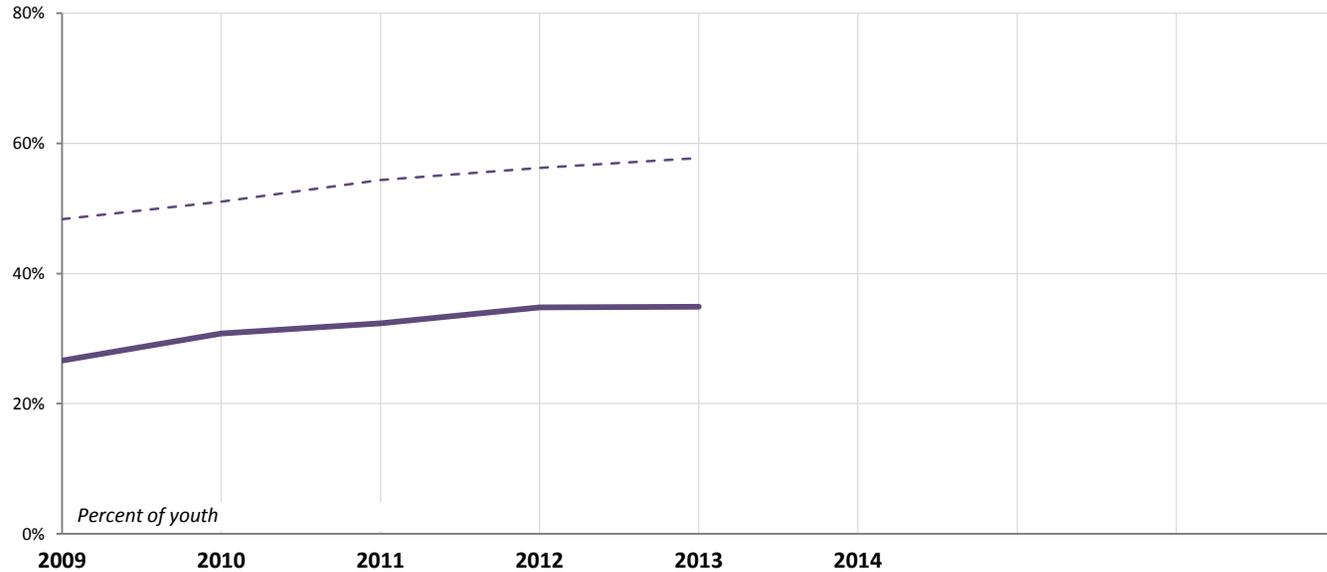
GOAL AREA: Purpose

OUTCOME 3.2

Youth complete high school

LEGEND

- - - No MH tx need who graduate
- With MH tx need who graduate



NOTES

Number and proportion of youth with mental health (MH) treatment need who graduate on time. Total youth are first time freshmen who received DSHS or HCA services during SFY/AY 2006, 2007, and 2008 respectively. Year of expected graduation is based on year entering 9th grade. For example, youth entering 9th grade for the first time in AY 2006 had a 2009 expected year of graduation.

SOURCE

DSHS Integrated Client Database, INVEST Education Database.

STATE FISCAL YEAR	YEAR OF EXPECTED GRADUATION					
	2009	2010	2011	2012	2013	2014
Total youth	25,485	26,284	25,457	27,191	28,765	
Total youth with MH tx need	6,869	6,992	6,585	6,868	7,209	
Total youth without MH tx need	18,616	19,292	18,872	20,323	21,556	
Successful Graduation						
Number who graduate	10,829	11,998	12,397	13,822	14,969	
Number with MH tx need who graduate	1,830	2,153	2,131	2,391	2,517	
Number without MH tx need who graduate	8,999	9,845	10,266	11,431	12,452	
Percent who graduate	42.5%	45.6%	48.7%	50.8%	52.0%	
Percent with MH tx need who graduate	26.6%	30.8%	32.4%	34.8%	34.9%	
Percent without MH tx need who graduate	48.3%	51.0%	54.4%	56.2%	57.8%	



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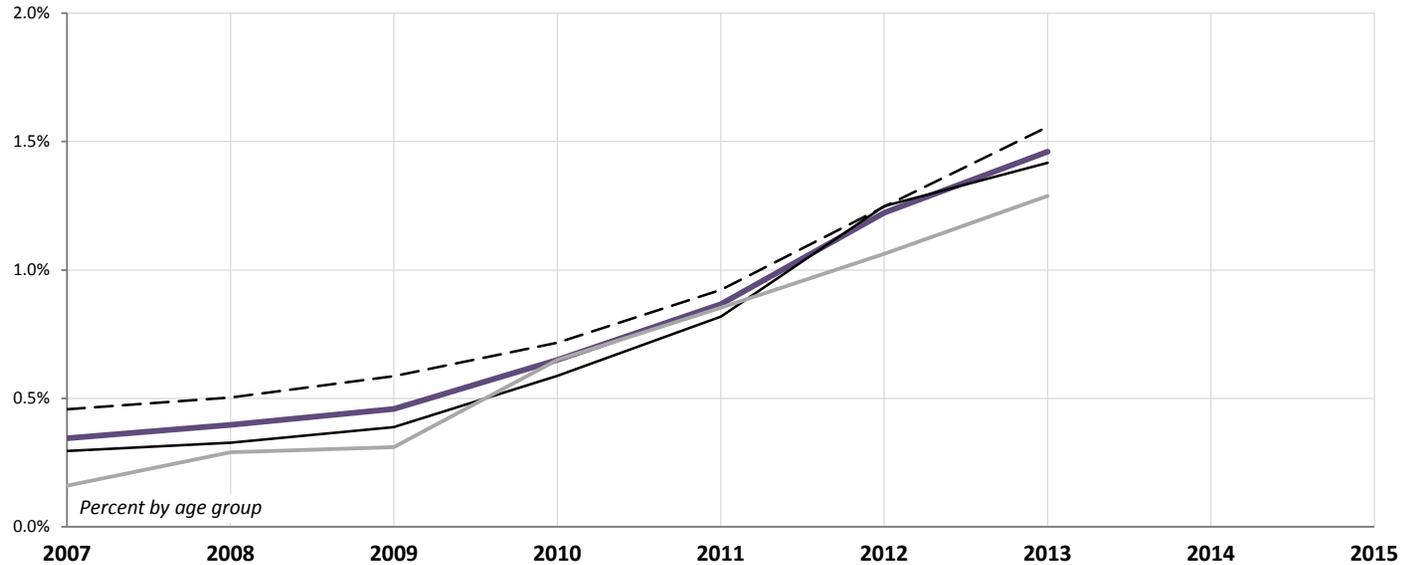
GOAL AREA: Community

OUTCOME 4.2

Youth and families have access to peer support when needed

LEGEND

- All ages
- - - 5 - 11 years
- 12 - 17 years
- 18 - 21 years



INDICATOR

Number and proportion of children and youth age 5-20 with mental health (MH) treatment need who received peer support services in the SFY.

SOURCE & POPULATION

DSHS Integrated Client Database. Youth with Medicaid coverage.

STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MH tx need	94,729	95,609	101,491	109,192	116,844	120,353	123,446		
Number with MH peer support flag	327	379	466	710	1,013	1,471	1,803		
Percent with MH peer support flag	0.3%	0.4%	0.5%	0.7%	0.9%	1.2%	1.5%		
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MH tx need	39,531	40,343	42,317	44,948	48,530	50,617	52,445		
Number with MH peer support flag	181	203	248	322	448	631	817		
Percent with MH peer support flag	0.5%	0.5%	0.6%	0.7%	0.9%	1.2%	1.6%		
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MH tx need	42,727	42,174	44,313	47,637	50,973	53,354	55,549		
Number with MH peer support flag	126	138	172	280	417	666	787		
Percent with MH peer support flag	0.3%	0.3%	0.4%	0.6%	0.8%	1.2%	1.4%		
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MH tx need	12,471	13,092	14,861	16,607	17,341	16,382	15,452		
Number with MH peer support flag	20	38	46	108	148	174	199		
Percent with MH peer support flag	0.2%	0.3%	0.3%	0.7%	0.9%	1.1%	1.3%		



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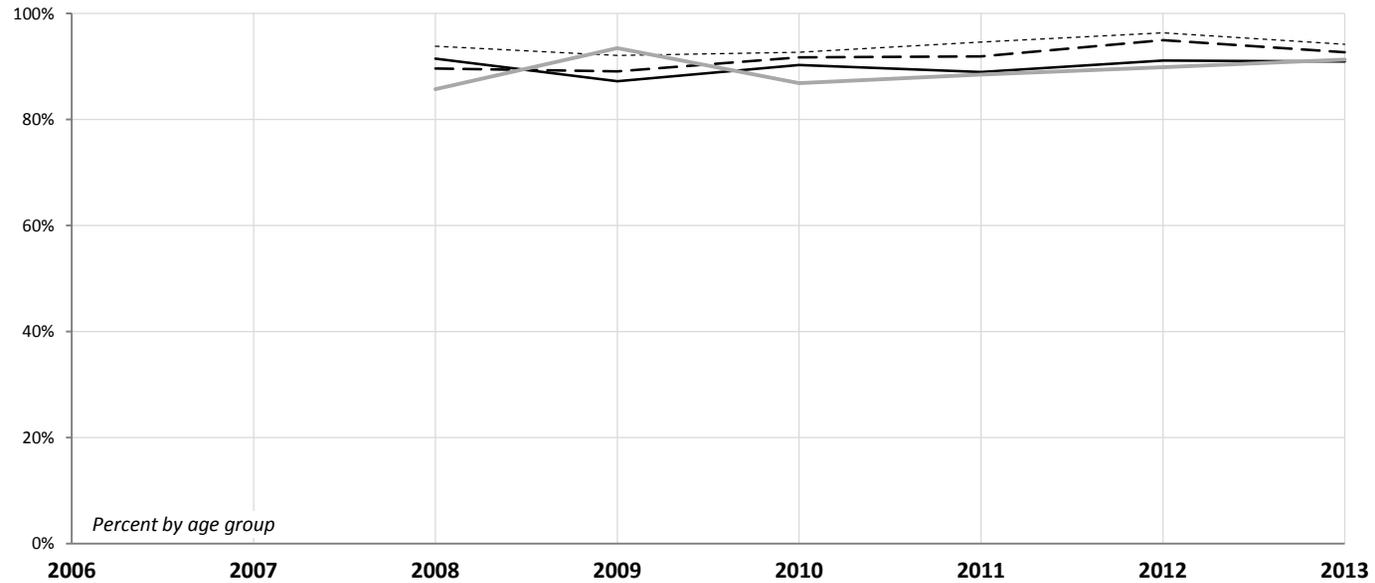
GOAL AREA: Practice

OUTCOME 5.4

Services are culturally and linguistically competent

LEGEND

- 0 - 5 years
- - - - 6 - 12 years
- 13 - 17 years
- 18 - 20 years



INDICATOR

Number and proportion of randomly sampled youth consumers [age 13-20] or adults/guardians [age 0-12] who strongly agree or agree that staff are sensitive to their cultural/ethnic background.
Source: SAMHSA Mental Health Statistical Improvement Program Consumer Survey.

SOURCE

SAMSHA Mental Health Statistical Improvement Program Consumer Survey.

	2006	2007	2008	2009	2010	2011	2012	2013
BY AGE: 0 - 5 YEARS								
Number of youth in this age group			81	76	82	37	82	86
Number (parents) saying strongly agree or agree			76	70	76	35	79	81
Percent (parents) saying strongly agree or agree			93.8%	92.1%	92.7%	94.6%	96.3%	94.2%
BY AGE: 6 - 12 YEARS								
Number of youth in this age group			425	468	458	284	539	478
Number (parents) saying strongly agree or agree			381	417	420	261	512	443
Percent (parents) saying strongly agree or agree			89.6%	89.1%	91.7%	91.9%	95.0%	92.7%
BY AGE: 13 - 17 YEARS								
Number of youth in this age group			223	243	237	136	304	265
Number saying strongly agree or agree			204	212	214	121	277	241
Percent saying strongly agree or agree			91.5%	87.2%	90.3%	89.0%	91.1%	90.9%
BY AGE: 18 - 20 YEARS								
Number of youth in this age group			56	46	61	26	59	46
Number saying strongly agree or agree			48	43	53	23	53	42
Percent saying strongly agree or agree			85.7%	93.5%	86.9%	88.5%	89.8%	91.3%



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Technical Notes

POPULATION: Children and youth ages 5-20 who had at least one month medical coverage (Medicaid or CHIP) during the state fiscal year (SFY).

Mental health treatment need (MH): In the current or past SFY, any mental health diagnosis, prescription or service recorded in administrative data. The following diagnostic categories are included: Psychotic, Bipolar, Depressive, Anxiety, Adjustment, and ADHD/Conduct/Impulse. The following medication classes are included: Antipsychotic, Antimania, Antidepressant, Antianxiety, and ADHD. Mental health services include DBHR contracted community inpatient or outpatient, state hospital or children's long-term inpatient (CLIP), tribal mental health services, and Children's Administration Behavioral Rehabilitation Services (BRS).

Alcohol or drug treatment need (AOD): In the current or past SFY, at least one substance-related diagnosis, procedure, prescription, treatment, or arrest.

Co-occurring treatment needs (COD = MH + AOD): Presence of both a mental health treatment need and alcohol or drug treatment need during the same 2-year period.

Criminal Justice involvement: The presence of EITHER (1) any arrest for a felony or gross misdemeanor during the SFY, as recorded in the Washington State Patrol database OR, (2) activity recorded in the Washington State Institute for Public Policy (WSIPP) recidivism database that indicates a disposition associated with criminal activity (conviction, detention, JRA referral, deferral, or diversion).

DATA SOURCES:

Integrated Client Database

INVEST Education and Social Services Database

SAMSHA Mental Health Statistical Improvement Program Consumer Survey

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