

#### **Measures of Statewide Performance**

Goals • Outcomes • Indicators

**DECEMBER 2013** 

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 substance abuse problems. 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.

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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#### **CONTENTS**

### This document contains measures developed, populated and approved to date. Additional measures are still under development.

#### **GOAL AREA: Health**

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

- 1.1 Children and youth experience less functional impairment
- 1.2 Children and youth with mental illness screened and treated if necessary for substance abuse
- 1.3 Children and youth with mental illness 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
- 2.4b Children and youth are safe

#### **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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#### **GOAL AREA: Health**

OUTCOME 1.1

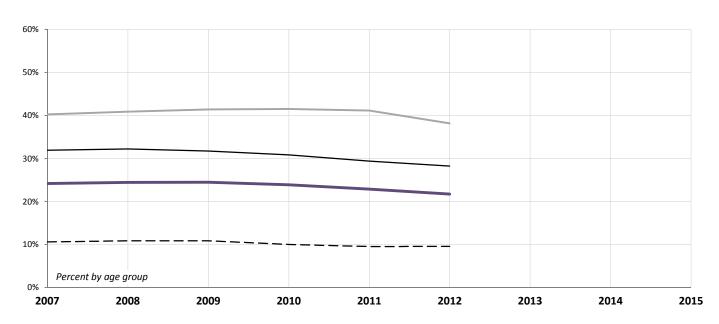
## Children and youth experience less functional impairment



#### INDICATOR

Number and proportion of children and youth with mental illness (MI) 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**



STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MI	94,802	95,391	100,616	108,505	116,693	120,676			
Number with functional impacts	22,921	23,322	24,647	25,921	26,710	26,211			
Percent with functional impacts	24.2%	24.4%	24.5%	23.9%	22.9%	21.7%			
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MI	39,407	40,108	41,867	44,667	48,466	50,861			
Number with functional impacts	4,186	4,360	4,556	4,465	4,612	4,872			
Percent with functional impacts	10.6%	10.9%	10.9%	10.0%	9.5%	9.6%			
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MI	42,727	42,011	43,774	47,207	50,834	53,393			
Number with functional impacts	13,635	13,536	13,893	14,551	14,944	15,071			
Percent with functional impacts	31.9%	32.2%	31.7%	30.8%	29.4%	28.2%			
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MI	12,668	13,272	14,975	16,631	17,393	16,422			
Number with functional impacts	5,100	5,426	6,198	6,905	7,154	6,268			
Percent with functional impacts	40.3%	40.9%	41.4%	41.5%	41.1%	38.2%			



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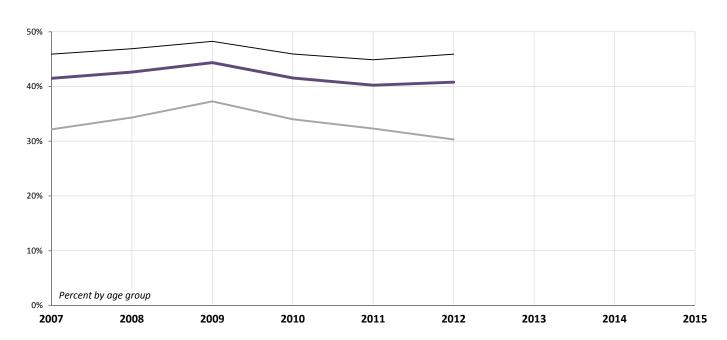
**GOAL AREA: Health** 

**OUTCOME 1.2** 

Co-Occurring Disorders:
Children and youth with
mental illness and
substance abuse
[\*screened and] treated
if necessary for substance
abuse

#### LEGEND

All Ages
12 - 17 Years
18 - 20 Years



#### INDICATOR

Number and proportion of youth with mental illness (MI) and substance abuse as indicated by administrative data sources who are screened, identified, and/or treated for substance abuse during SFY [\*CANS screenings to be added later].

#### **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	8,351	8,518	9,229	9,954	10,616	10,382			
Number with SA treatment	3,465	3,632	4,095	4,136	4,272	4,236			
Percent with SA treatment	41.5%	42.6%	44.4%	41.6%	40.2%	40.8%			
BY AGE: 12 - 17 YEARS									
Total with COD	5,665	5,621	5,967	6,299	6,692	6,972			
Number with treatment	2,601	2,637	2,879	2,893	3,004	3,202			
Percent with treatment	45.9%	46.9%	48.2%	45.9%	44.9%	45.9%			
BY AGE: 18 - 20 YEARS									
Total with COD	2,686	2,897	3,262	3,655	3,924	3,410			
Number with treatment	864	995	1,216	1,243	1,268	1,034			
Percent with treatment	32.2%	34.3%	37.3%	34.0%	32.3%	30.3%			

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**GOAL AREA: Health** 

OUTCOME 1.3

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

#### LEGEND All Ages w

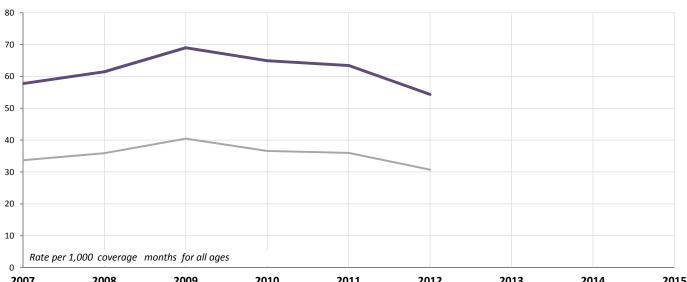
All Ages with MI
All Ages no MI

#### 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.

#### **SOURCE & POPULATION**

DSHS Integrated Client Database. Youth with Medicaid coverage.



2009	2010	2011	_	2012	2013	20	014	2015
	2007 20	08 2009	2010	2011	2012	2013	2014	2015
443	.199 444,70	00 479,508	517,132	546,043	557,957			
94	,802 95,39	91 100,616	108,505	116,693	120,676			
	58	69	65	63	54			
	34	36 40	37	36	30.7			
227	,224 229,1	36 248,137	268,605	284,610	293,384			
39	40,10	08 41,867	44,667	48,466	50,861			
	34	37 41	39	39	35			
	25	27 31	28	28	23.9			
167	,875 166,0°	77 177,587	190,536	201,097	206,207			
42	,727 42,0	11 43,774	47,207	50,834	53,393			
	58	51 69	63	61	55			
	34	36 41	36	36	31.5			
48	100 49,4	53,784	57,991	60,336	58,366			
12	,668 13,2	72 14,975	16,631	17,393	16,422			
	147 1	57 165	159	155	128			
	90	94 100	95	92	76.2			
	227, 39, 167, 42, 48, 12,	2007 2007 443,199 444,70 94,802 95,33 58 34 227,224 229,13 39,407 40,10 34 25 25 167,875 166,07 42,727 42,03 58 34 34 48,100 49,48 12,668 13,23 147 15	2007         2008         2009           443,199         444,700         479,508           94,802         95,391         100,616           58         61         69           34         36         40           227,224         229,136         248,137           39,407         40,108         41,867           34         37         41           25         27         31           167,875         166,077         177,587           42,727         42,011         43,774           58         61         69           34         36         41           48,100         49,487         53,784           12,668         13,272         14,975           147         157         165	2007         2008         2009         2010           443,199         444,700         479,508         517,132           94,802         95,391         100,616         108,505           58         61         69         65           34         36         40         37           227,224         229,136         248,137         268,605           39,407         40,108         41,867         44,667           34         37         41         39           25         27         31         28           167,875         166,077         177,587         190,536           42,727         42,011         43,774         47,207           58         61         69         63           34         36         41         36           48,100         49,487         53,784         57,991           12,668         13,272         14,975         16,631           147         157         165         159	2007         2008         2009         2010         2011           443,199         444,700         479,508         517,132         546,043           94,802         95,391         100,616         108,505         116,693           58         61         69         65         63           34         36         40         37         36           227,224         229,136         248,137         268,605         284,610           39,407         40,108         41,867         44,667         48,466           34         37         41         39         39           25         27         31         28         28           167,875         166,077         177,587         190,536         201,097           42,727         42,011         43,774         47,207         50,834           58         61         69         63         61           34         36         41         36         36           48,100         49,487         53,784         57,991         60,336           12,668         13,272         14,975         16,631         17,393           147         157         165	2007         2008         2009         2010         2011         2012           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5           48,100         49,487 </td <td>2007         2008         2009         2010         2011         2012         2013           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5           48,100<td>2007         2008         2009         2010         2011         2012         2013         2014           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5</td></td>	2007         2008         2009         2010         2011         2012         2013           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5           48,100 <td>2007         2008         2009         2010         2011         2012         2013         2014           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5</td>	2007         2008         2009         2010         2011         2012         2013         2014           443,199         444,700         479,508         517,132         546,043         557,957           94,802         95,391         100,616         108,505         116,693         120,676           58         61         69         65         63         54           34         36         40         37         36         30.7           227,224         229,136         248,137         268,605         284,610         293,384           39,407         40,108         41,867         44,667         48,466         50,861           34         37         41         39         39         35           25         27         31         28         28         23.9           167,875         166,077         177,587         190,536         201,097         206,207           42,727         42,011         43,774         47,207         50,834         53,393           58         61         69         63         61         55           34         36         41         36         36         31.5

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#### **GOAL AREA: Health**

**OUTCOME 1.4** 

## Children and youth demonstrate reduced involvement in criminal justice system

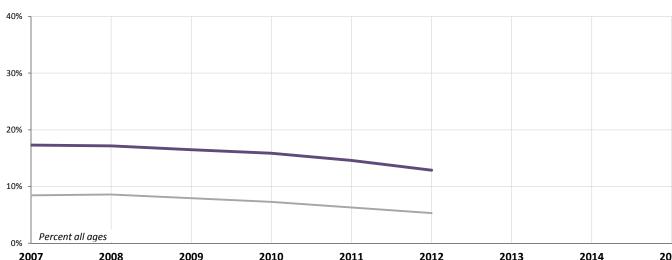
LEGEND

w/MI I with criminal justice no MI and criminal justice

#### INDICATOR

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

#### **SOURCE & POPULATION**



2007	2008	2009	2010	201	1	2012	2013	2	014	2015
STATE FISCAL Y	EAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number with	out MI	160,580	160,281	172,622	184,689	193,206	194,758			
Number with	MI	55,395	55,283	58,749	63,838	68,227	69,815			
Number w/o	MI any criminal justice	13,578	13,763	13,702	13,487	12,189	10,387			
Number w/M	I and any criminal justice	9,585	9,491	9,693	10,141	9,971	8,999			
Percent w/o I	MI with criminal justice	8.5%	8.6%	7.9%	7.3%	6.3%	5.3%			
Percent w/MI	and any criminal justice	17.3%	17.2%	16.5%	15.9%	14.6%	12.9%			
BY AGE: 12 - 17	YEARS									
Number with	out MI	125,148	124,066	133,813	143,329	150,263	152,814			
Number with	MI	42,727	42,011	43,774	47,207	50,834	53,393			
Number w/o	MI any criminal justice	8,700	8,843	8,441	8,099	7,152	6,064			
Number w/M	I and any criminal justice	6,995	6,696	6,499	6,762	6,592	6,233			
Percent w/o I	MI with criminal justice	7.0%	7.1%	6.3%	5.7%	4.8%	4.0%			
Percent w/MI	and any criminal justice	16.4%	15.9%	14.8%	14.3%	13.0%	11.7%			
BY AGE: 18 - 20	YEARS									
Number with	out MI	35,432	36,215	38,809	41,360	42,943	41,944			
Number with	MI	12,668	13,272	14,975	16,631	17,393	16,422			
Number w/o	MI any criminal justice	4,878	4,920	5,261	5,388	5,037	4,323			
Number w/M	I and any criminal justice	2,590	2,795	3,194	3,379	3,379	2,766			
Percent w/o I	MI with criminal justice	13.8%	13.6%	13.6%	13.0%	11.7%	10.3%			
Percent w/MI	and any criminal justice	20.4%	21.1%	21.3%	20.3%	19.4%	16.8%			



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#### **GOAL AREA: Home**

OUTCOME 2.1a

## Children and youth stay in their own homes

#### LEGEND

All Ages

- - - 5 - 11 Years

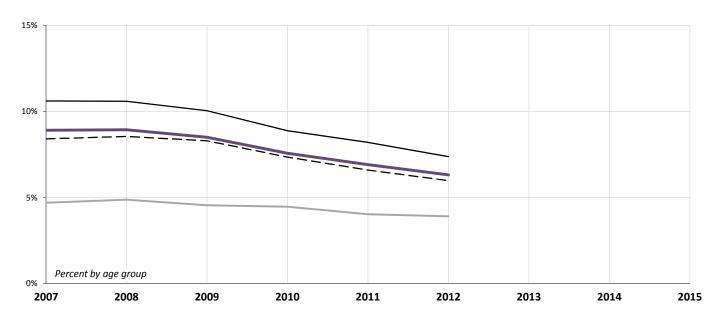
12 - 17 Years

18 - 21 Years

#### INDICATOR

Number and proportion of children and youth with mental illness (MI) 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**



STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MI	94,802	95,391	100,616	108,505	116,693	120,676			
Number with MH out of home	8,444	8,525	8,550	8,216	8,065	7,623			
Percent with MH out of home	8.9%	8.9%	8.5%	7.6%	6.9%	6.3%			
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MI	39,407	40,108	41,867	44,667	48,466	50,861			
Number with MI out of home	3,314	3,427	3,472	3,280	3,194	3,042			
Percent with MI out of home	8.4%	8.5%	8.3%	7.3%	6.6%	6.0%			
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MI	42,727	42,011	43,774	47,207	50,834	53,393			
Number with MI out of home	4,535	4,451	4,397	4,194	4,171	3,940			
Percent with MI out of home	10.6%	10.6%	10.0%	8.9%	8.2%	7.4%			
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MI	12,668	13,272	14,975	16,631	17,393	16,422			
Number with MI out of home	595	647	681	742	700	641			
Percent with MI out of home	4.7%	4.9%	4.5%	4.5%	4.0%	3.9%			



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#### **GOAL AREA: Home**

OUTCOME 2.1b

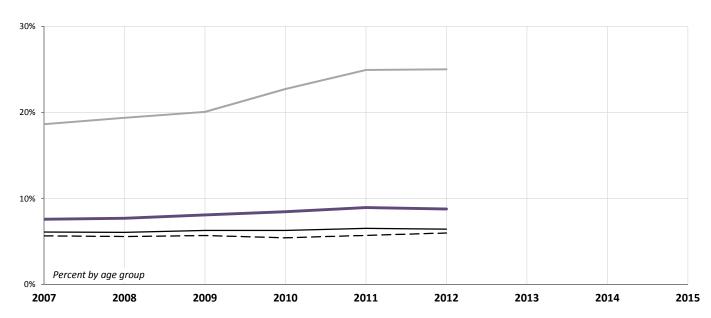
## Children and youth have appropriate housing



#### INDICATOR

Number and proportion of children and youth with mental illness (MI) who have any incidence of homelessness or housing instability in a SFY.

#### **SOURCE & POPULATION**



STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MI	94,802	95,391	100,616	108,505	116,693	120,676			
Number with MI homeless	7,193	7,351	8,141	9,180	10,432	10,592			
Percent with MI homeless	7.6%	7.7%	8.1%	8.5%	8.9%	8.8%			
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MI	39,407	40,108	41,867	44,667	48,466	50,861			
Number with MI homeless	2,226	2,235	2,381	2,427	2,771	3,047			
Percent with MH homeless	5.6%	5.6%	5.7%	5.4%	5.7%	6.0%			
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MI	42,727	42,011	43,774	47,207	50,834	53,393			
Number with MI homeless	2,607	2,544	2,756	2,972	3,323	3,436			
Percent with MH homeless	6.1%	6.1%	6.3%	6.3%	6.5%	6.4%			
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MI	12,668	13,272	14,975	16,631	17,393	16,422			
Number with MI homeless	2,360	2,572	3,004	3,781	4,338	4,109			
Percent with MI homeless	18.6%	19.4%	20.1%	22.7%	24.9%	25.0%			



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#### **GOAL AREA: Home**

**OUTCOME 2.2** 

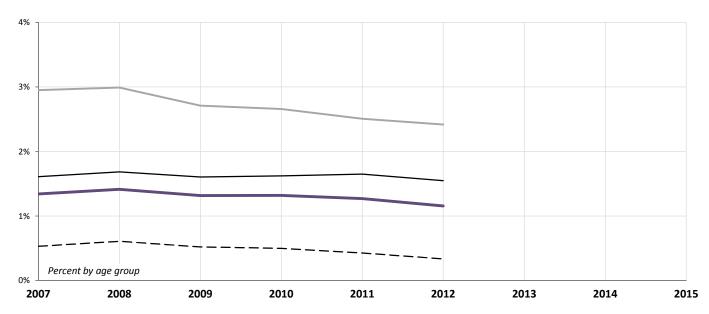
## Children and youth have fewer inpatient stays



#### INDICATOR

Number and proportion of children and youth with mental illness (MI) who have used the following inpatient services at least once during the SFY: Children's Long-term Inpatient (CLIP), State Hospital, or Community Psychiatric Inpatient.

#### **SOURCE & POPULATION**



STATE FISCAL YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total youth with MI	94,802	95,391	100,616	108,505	116,693	120,676			
Number with MH IP use	1,271	1,348	1,326	1,431	1,481	1,394			
Percent with MH IP use	1.3%	1.4%	1.3%	1.3%	1.3%	1.2%			
BY AGE: 5 - 11 YEARS									
Youth age 5-11 with MI	39,407	40,108	41,867	44,667	48,466	50,861			
Number with MH IP use	209	244	218	223	207	171			
Percent with MH IP use	0.5%	0.6%	0.5%	0.5%	0.4%	0.3%			
BY AGE: 12 - 17 YEARS									
Youth age 12-17 with MI	42,727	42,011	43,774	47,207	50,834	53,393			
Number with MH IP use	688	707	702	766	838	826			
Percent with MH IP use	1.6%	1.7%	1.6%	1.6%	1.6%	1.5%			
BY AGE: 18 - 20 YEARS									
Youth age 18-20 with MI	12,668	13,272	14,975	16,631	17,393	16,422			
Number with MH IP use	374	397	406	442	436	397			
Percent with MH IP use	3.0%	3.0%	2.7%	2.7%	2.5%	2.4%			



#### **Measures of Statewide Performance**

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**GOAL AREA: Purpose** 

OUTCOME 3.1a

## 3rd grade children are successful in school

#### **LEGEND**

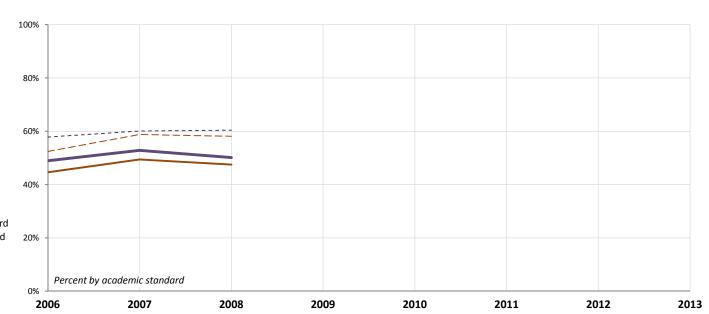
No MI met Reading standard
w/MI met Reading standard
No MI met Math standard
w/MI met Math standard

#### INDICATOR

Number and proportion of youth with and without mental illness 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/MI attempting 3rd grade Reading	4,680	4,964	5,011					
Total w/o MI attempting 3rd grade Reading	20,896	21,845	22,566					
Total w/MI attempting 3rd grade Math	4,734	4,992	5,041					
Total w/o MI attempting 3rd grade Math	20,952	21,873	22,601					
Reading								
Number w/MI met 3rd grade Reading standard	2,287	2,620	2,513					
Number w/o MI met 3rd grade Reading standard	12,083	13,122	13,626					
Percent w/MI met 3rd grade Reading standard	48.9%	52.8%	50.1%					
Percent w/o MI met 3rd grade Reading standard	57.8%	60.1%	60.4%					
Math								
Number w/MI met 3rd grade Math standard	2,110	2,468	2,394					
Number w/o MI met 3rd grade Math standard	10,976	12,854	13,140					
Percent w/MI met 3rd grade Math standard	44.6%	49.4%	47.5%					
Percent w/o MI met 3rd grade Math standard	52.4%	58.8%	58.1%					

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#### **Measures of Statewide Performance**

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**GOAL AREA: Purpose** 

OUTCOME 3.1b

## 10th grade youth are successful in school

# No MI met Reading standard w/MI met Reading standard No MI met Math standard w/MI met Math standard

#### INDICATOR

**LEGEND** 

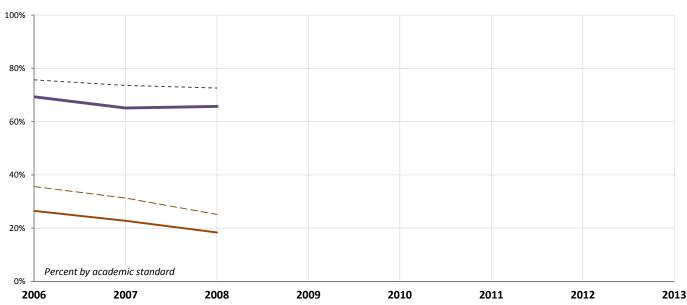
Number and proportion of youth with mental illness (MI) who meet 10th grade standards on state standardized tests.

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.

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

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#### **GOAL AREA: Purpose**

**OUTCOME 3.2** 

#### Children and youth are successful in school

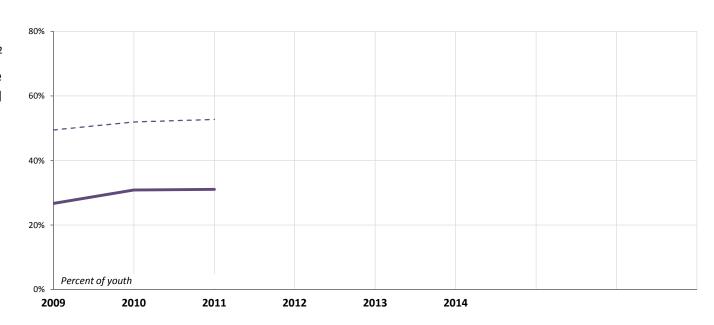
**LEGEND** No MI who graduate w/MI who graduate

#### **NOTES**

Number and proportion of youth with mental illness (MI) 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.** 



				YEAR OF EX	PECTED GRA	ADUATION		
STATE FISCAL YEAR	2009	2010	2011	2012	2013	2014		
Total youth	25,797	26,296	25,579					
Total youth with MI	6,980	6,752	6,345					
Total youth without MI	18,817	19,544	19,234					
Successful Graduation								
Number who graduate	11,162	12,233	12,111					
Number with MI who graduate	1,861	2,084	1,969					
Number without MI who graduate	9,301	10,149	10,142					
Percent who graduate	43.3%	46.5%	47.3%					
Percent with MI who graduate	26.7%	30.9%	31.0%					
Percent without MI who graduate	49.4%	51.9%	52.7%					



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#### **Technical Notes**

**POPULATION:** Children ages 5-21 who had at least one month medical coverage (Medicaid, SCHIP) during the state fiscal year (SFY) who have an identified mental health problem. For the education measures, no medical coverage restriction has been applied.

Mental health problem: 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), and Children's Administration Behavioral Rehabilitation Services (BRS).

Substance abuse problem: In the current or past SFY, any substance-related diagnosis, service, or arrest.

Co-occurring disorder: Presence of both a mental health problem and substance abuse problem 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

#### **Measures of Statewide Performance**

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#### **CONTRIBUTORS**

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