



Children's Behavioral Health in Washington State

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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**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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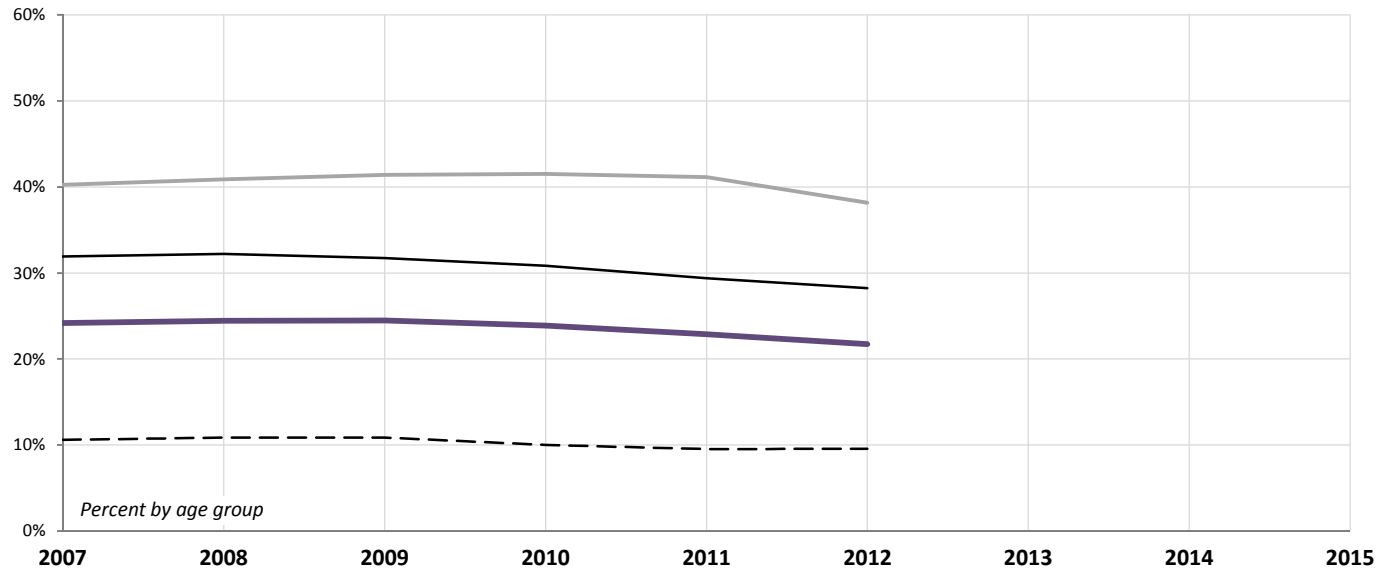
GOAL AREA: Health

OUTCOME 1.1

Children and youth experience less functional impairment

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 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 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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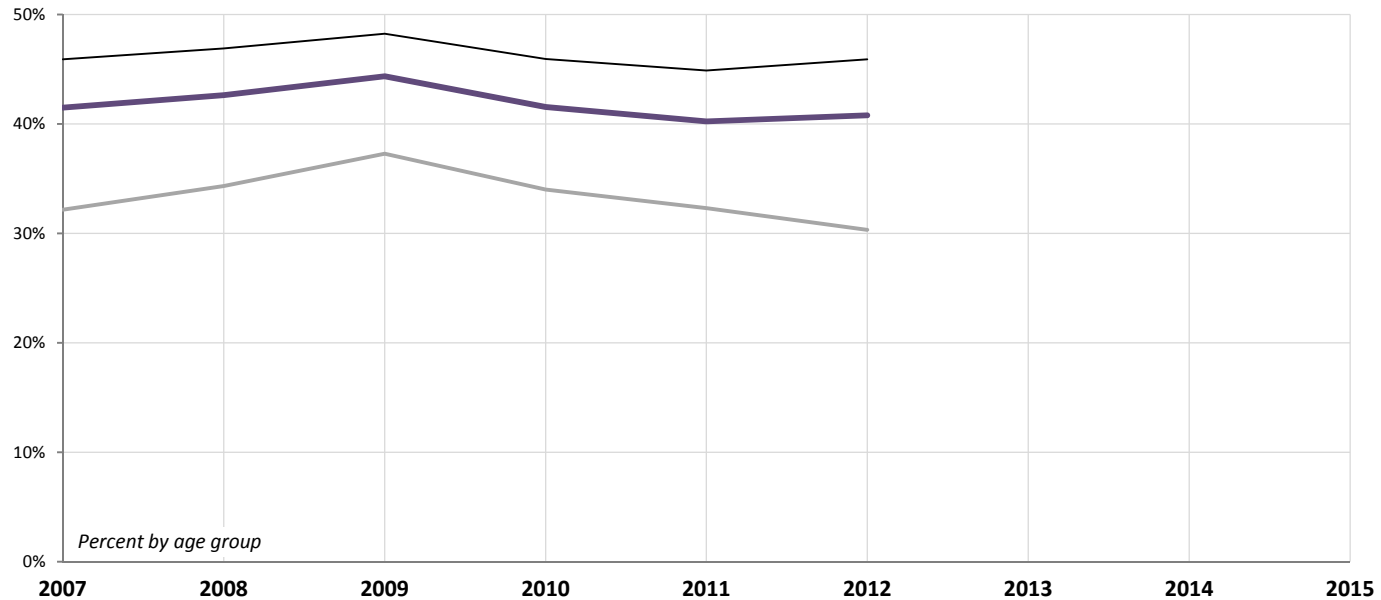
GOAL AREA: Health

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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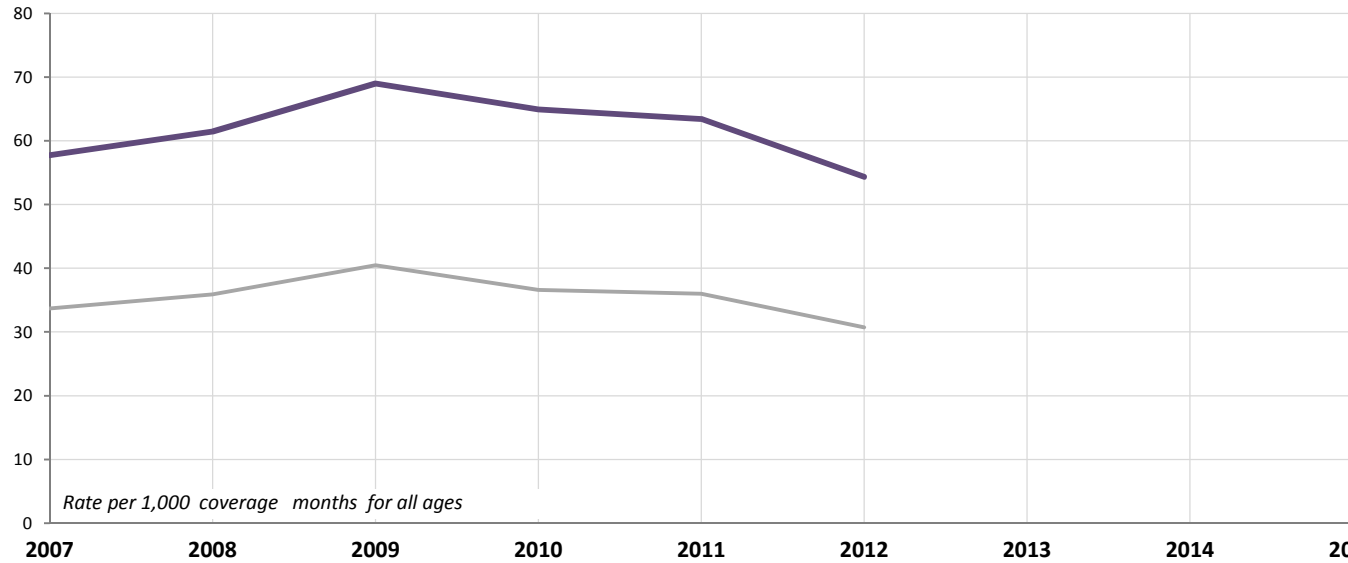
GOAL AREA: Health

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 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.

| STATE FISCAL YEAR | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------------------|---------|---------|---------|---------|---------|---------|------|------|------|
| Total youth | 443,199 | 444,700 | 479,508 | 517,132 | 546,043 | 557,957 | | | |
| Total youth with MI | 94,802 | 95,391 | 100,616 | 108,505 | 116,693 | 120,676 | | | |
| Youth with MI, rate of ER use | 58 | 61 | 69 | 65 | 63 | 54 | | | |
| Youth without MI, rate of ER use | 34 | 36 | 40 | 37 | 36 | 30.7 | | | |
| BY AGE: 5 - 11 YEARS | | | | | | | | | |
| Total youth | 227,224 | 229,136 | 248,137 | 268,605 | 284,610 | 293,384 | | | |
| Total youth with MI | 39,407 | 40,108 | 41,867 | 44,667 | 48,466 | 50,861 | | | |
| Youth with MI, rate of ER use | 34 | 37 | 41 | 39 | 39 | 35 | | | |
| Youth without MI, rate of ER use | 25 | 27 | 31 | 28 | 28 | 23.9 | | | |
| BY AGE: 12 - 17 YEARS | | | | | | | | | |
| Total youth | 167,875 | 166,077 | 177,587 | 190,536 | 201,097 | 206,207 | | | |
| Total youth with MI | 42,727 | 42,011 | 43,774 | 47,207 | 50,834 | 53,393 | | | |
| Youth with MI, rate of ER use | 58 | 61 | 69 | 63 | 61 | 55 | | | |
| Youth without MI, rate of ER use | 34 | 36 | 41 | 36 | 36 | 31.5 | | | |
| BY AGE: 18 - 20 YEARS | | | | | | | | | |
| Total youth | 48,100 | 49,487 | 53,784 | 57,991 | 60,336 | 58,366 | | | |
| Total youth with MI | 12,668 | 13,272 | 14,975 | 16,631 | 17,393 | 16,422 | | | |
| Youth with MI, rate of ER use | 147 | 157 | 165 | 159 | 155 | 128 | | | |
| Youth without MI, rate of ER use | 90 | 94 | 100 | 95 | 92 | 76.2 | | | |

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.



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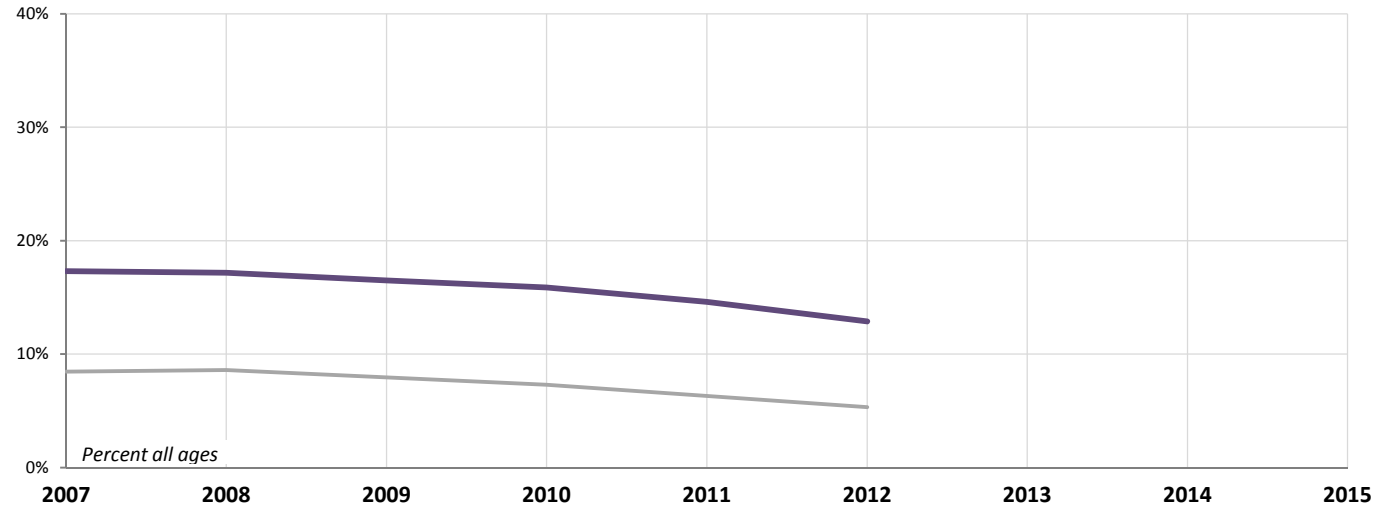
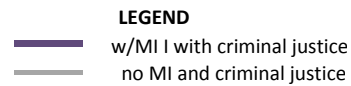
Goals • Outcomes • Indicators

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GOAL AREA: Health

OUTCOME 1.4

Children and youth demonstrate reduced involvement in criminal justice system



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.

| STATE FISCAL YEAR | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|---------|---------|---------|---------|---------|---------|------|------|------|
| Number without 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/MI and any criminal justice | 9,585 | 9,491 | 9,693 | 10,141 | 9,971 | 8,999 | | | |
| Percent w/o 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 without 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/MI and any criminal justice | 6,995 | 6,696 | 6,499 | 6,762 | 6,592 | 6,233 | | | |
| Percent w/o 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 without 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/MI and any criminal justice | 2,590 | 2,795 | 3,194 | 3,379 | 3,379 | 2,766 | | | |
| Percent w/o 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% | | | |

SOURCE & POPULATION

DSHS Integrated Client Database.
Youth with Medicaid coverage.



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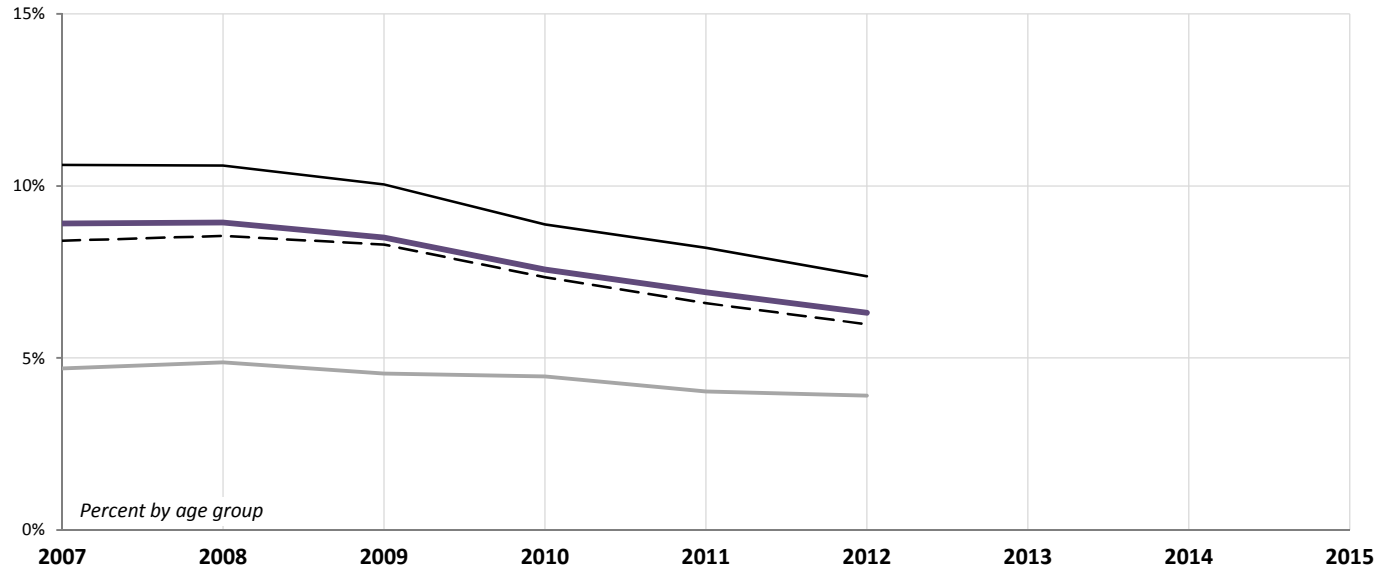
GOAL AREA: Home

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

DSHS Integrated Client Database. Youth with Medicaid coverage.

| 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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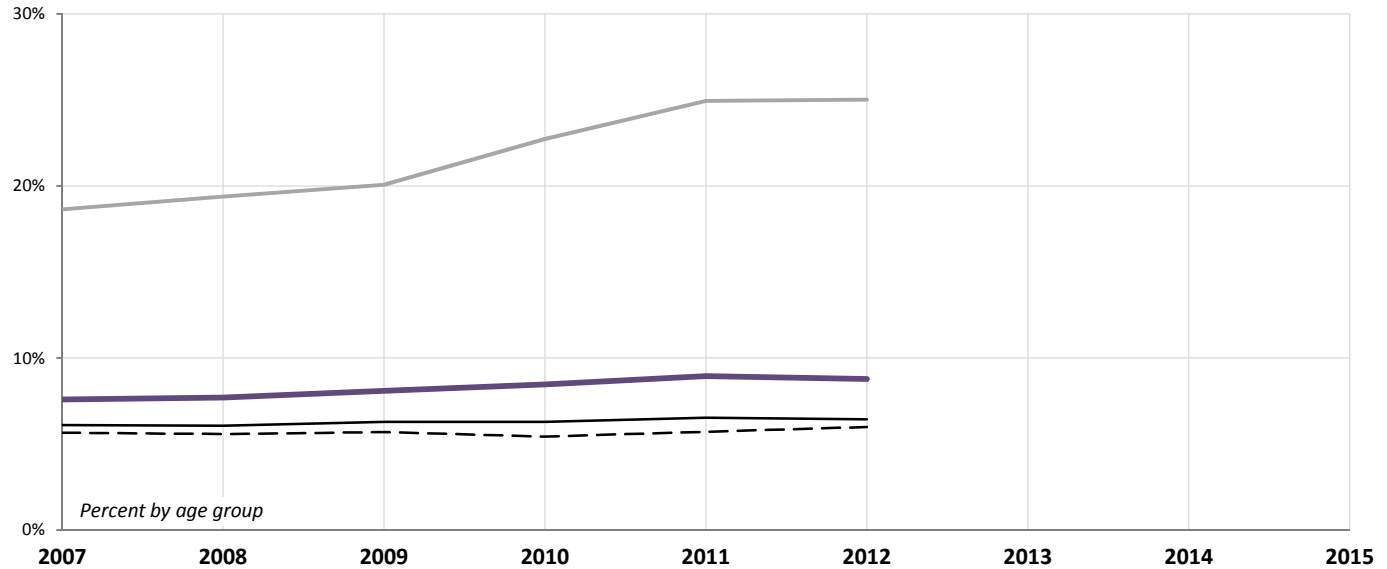
GOAL AREA: Home

OUTCOME 2.1b

Children and youth have appropriate housing

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 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 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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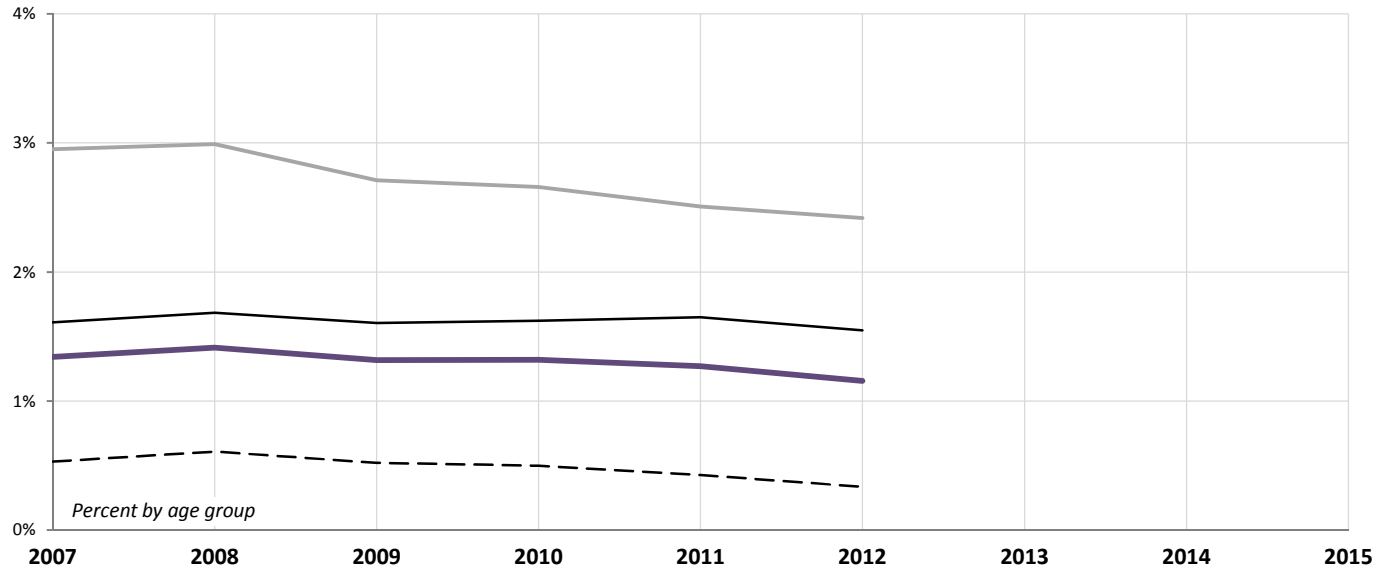
GOAL AREA: Home

OUTCOME 2.2

Children and youth have fewer inpatient stays

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 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

DSHS Integrated Client Database. Youth with Medicaid coverage.

| 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% | | | |



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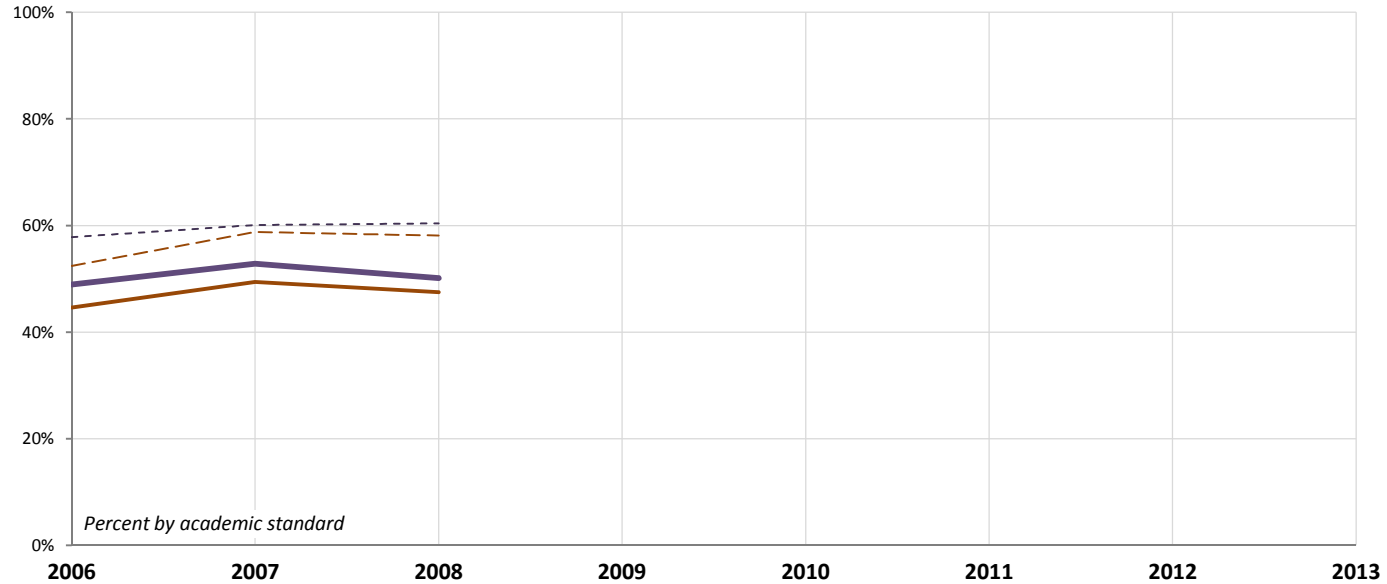
GOAL AREA: Purpose

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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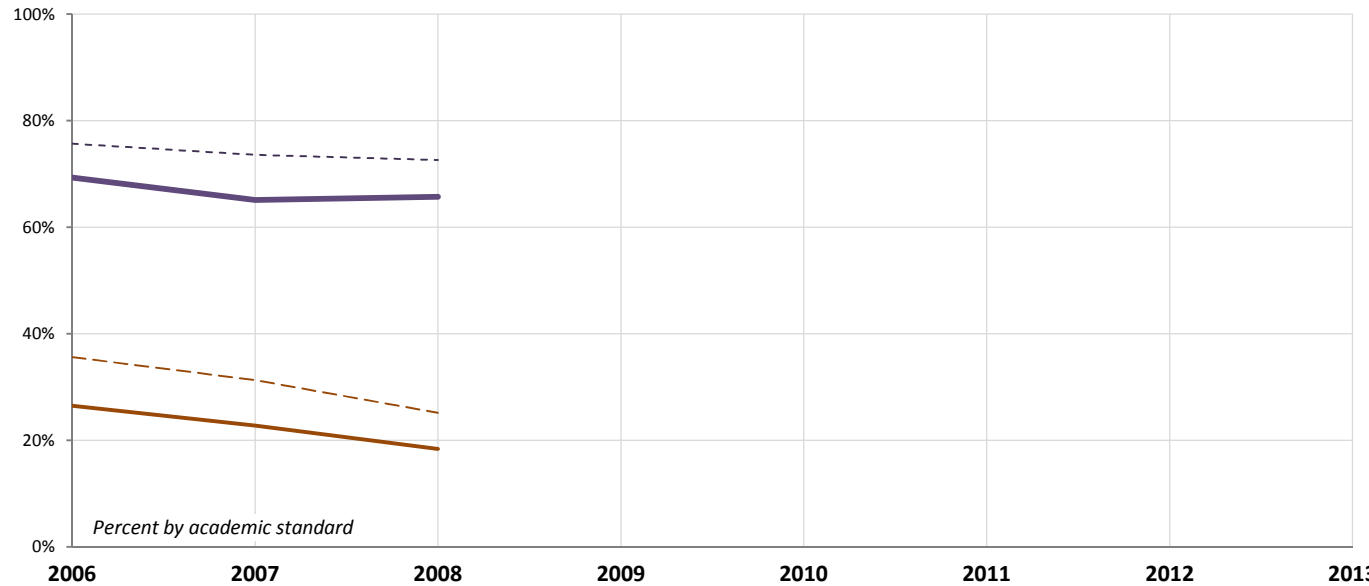
GOAL AREA: Purpose

OUTCOME 3.1b

10th grade youth 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 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.
 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 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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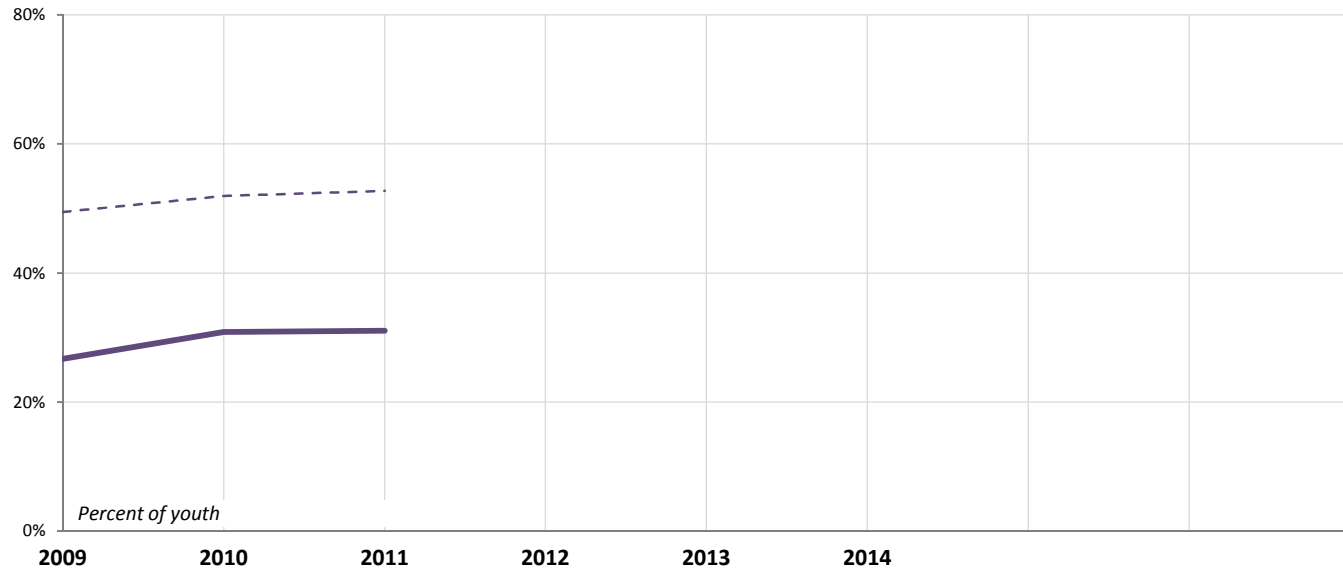
GOAL AREA: Purpose

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.

| STATE FISCAL YEAR | YEAR OF EXPECTED GRADUATION | | | | | |
|---------------------------------|-----------------------------|--------|--------|------|------|------|
| | 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

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