

# Montana Disability & Health Update

September 2016, Issue 12



## Healthy People 2020 Goals: 2011/2012 Data for Montana Children and Youth with Special Health Care Needs

Access to healthcare resources for children and youth with special health care needs (CYSHCN) remains a public health concern. In Montana, CYSHCN and their families face the additional challenge of living in a rural, frontier state that ranks 50<sup>th</sup> among other states in population density (6.8 people per square mile).<sup>1</sup> Special health care need status means that a child or youth has a, “chronic physical, developmental, behavioral or emotional condition and who also require health and related services of a type or amount beyond that required by children generally.”<sup>2</sup> An estimated 44,515 out of 220,406 children ages 0-17 are a CYSHCN (20%) residing in Montana.<sup>3</sup> The Children’s Special Health Services program within Montana Department of Public Health and Human Services is partnered with the Rural Institute for Inclusive Communities to conduct a program assessment that will serve to facilitate improving the health of Montanan CYSHCN and their families; more information is available at: <http://mtdh.ruralinstitute.umt.edu/>.

The National Survey on Children’s Health (NSCH) tracks progress on Healthy People 2020 objectives for the health and well-being of children and adolescents in the United States. This report contains available NSCH data for Montanans ages 0-17 years with and without a special health care need (SHCN) in the context of HP2020 Topic Areas and the Association of Maternal & Child Health Programs (AMCHP) Medical Home and Transition to Adulthood Core Domains. Additional information on HP2020, AMCHP, and NSCH are provided elsewhere. The following bullets summarize findings between these populations in the context of available HP2020 objectives.

### Montanans with a SHCN compared positively to those without a SHCN in the following HP2020 Objectives:

- have health insurance (96%, 90%);
- have a personal doctor or nurse (95%, 86%),
- have a usual source of sick care (95%, 94%);
- received needed mental health care, age 2-17 years (60%, 56%);
- received any type of dental care (83%, 76%).

### Conversely, Montanans with a SHCN reported significant gaps and health disparities compared to those without a SHCN in the following HP 2020 Goals:

- health insurance benefits always meets the child’s needs (62%, 71%);
- has one or more unmet needs for care (16%, 6%);
- missed 11 or more school days in past year, age 6-17 (22%, 4.5%);
- breastfed ever, age 0-5 years (74%, 83%);
- current depression, age 2-17 years (16, 0.7);
- doctors always provide information specific to child's health (55%, 64%);
- doctors are always sensitive to family culture and values (63%, 72%);
- doctors always spend enough time with them (52%, 60%);
- one or more oral health problems, age 1-17 years (23%, 19%);
- someone in child’s home smokes tobacco (32%, 25%).

## Montana Children and Youth with Special Health Care Needs: Results of the National Survey on Children's Health (2011/2012)

The National Survey of Children's Health (NSCH) is a survey conducted by telephone in English and Spanish on a range of information about children's health and well-being. Data are provided at the state and national level. Between 1,811 and 2,200 surveys were collected per state – all states exceeded the goal of 1,800 completed surveys. The purpose of the survey is to estimate the prevalence for a variety of physical, emotional, and behavioral child health indicators in combination with information on the child's family context and neighborhood environment. This survey is sponsored by the Maternal and Child Health Bureau, U.S. Department of Health and Human Services, having provided the primary funding for the National Survey of Children's Health, 2011.

The Children and Youth with Special Health Care Needs (CYSHCN) population is the primary focus for this report. The context for this report is to compare Montanan CYSHCN and non-CYSHCN ages 0-17 years for health and functional status, physical, emotional and behavioral health, access to quality health care, care coordination of services, access to a medical home, transition services for youth, and the impact of chronic condition(s) on the child's family. Of the 1,824 families surveyed in the current NSCH (2011/2012), 338 families reported having a child or youth with a special health care need in their household.

What topics are included in the survey?

• Child and family demographics • Children's physical and mental health status • Early childhood-specific information (0-5 years) • Middle childhood and adolescent-specific information (6-17 years) • Health insurance status and type of coverage • Family health and activities • Access and use of health care services • Parental health status • Medical home • Parent's perceptions of neighborhood characteristics • Premature Birth • Child's Birthweight • Prevalence and severity of Intellectual Disability and Cerebral Palsy • Therapy services for children with Autism/ASD or Developmental Delay • Age of Diagnosis of Current Chronic Conditions • Positive health items (flourishing) • Adverse Family Experiences • Participation in Home Visitation Program for young children

NSCH Criteria Components

- SECTION 1: Initial Demographics
- SECTION 2: Child's Health and Functional Status
- SECTION 3: Health Insurance Coverage
- SECTION 4: Health Access and Utilization
- SECTION 5: Medical Home
- SECTION 6: Early Childhood (0–5 years)
- SECTION 7: Middle Childhood and Adolescence (6-17 years)
- SECTION 8: Family Functioning
- SECTION 9: Parental Health
- SECTION 10: Neighborhood and Community Characteristics
- SECTION 11: Additional Demographics
- SECTION 12: Additional Health Insurance Questions

### AMCHP System Standards and Quality Measures

The Association of Maternal and Child Health Program (AMCHP) contains 10 core domains that comprise systems of care standards for children and youth with special health care needs (CYSHCN).

Overall System Outcomes for CYSHCN and Relevant NSCH Quality Measures

1. **Family Professional Partnerships:** Families of CYSHCN will partner in decision making at all levels and will be satisfied with the services they receive
2. **Medical Home:** CYSHCN will receive family-centered, coordinated, ongoing comprehensive care within a medical home

3. **Insurance and Financing:** Families of CYSHCN have adequate private and/or public insurance and financing to pay for the services they need
  - Consistent Health Insurance (Past 12 Months): Insured entire year
  - Type Of Health Insurance: Public insurance
  - Health Insurance Coverage Allows Child To See Needed Providers: Always
  - Health Insurance Benefits Meet Child's Needs: Always
4. **Early and Continuous Screening and Referral:** Children are screened early and continuously for shcn
5. **Easy to Use Services and Supports:** Services for CYSHCN and their families will be organized in ways that families can use them easily and include access to patient and family-centered care coordination
6. **Transition to Adulthood:** Youth with special health care needs receive the services necessary to make transitions to all aspects of adult life, including adult health care, work, and independence
7. **Cultural Competence:** All CYSHCN and their families will receive care that is culturally and linguistically appropriate (attends to racial, ethnic, religious, and language domains)

#### AMCHP Core Domains for System Standards

1. Screening, Assessment and Referral
2. Eligibility and Enrollment
3. Access to Care
4. Medical Home, including:
  - a. Pediatric Preventive and Primary Care
  - b. Care Coordination
  - c. Pediatric Specialty Care
5. Community-based Services and Supports, including:
  - a. Respite Care
  - b. Palliative and Hospice Care
  - c. Home-based Services
6. Family Professional Partnerships
7. Transition to Adulthood
8. Health Information Technology
9. Quality Assurance and Improvement
10. Insurance and Financing.<sup>4</sup>

The full AMCHP report on CYSHCN is available here:

<http://www.amchp.org/AboutTitleV/Resources/Documents/Standards%20Charts%20FINAL.pdf>.

#### Healthy People 2020 Targets and Objectives

Healthy People 2020<sup>5</sup> (HP2020) contains science-based objectives with measurable targets to be met within a 10-year time frame. The HP2020 overall goal is to improve health for all Americans through the four overarching goals:

- 1) Attain high-quality, longer lives free of preventable disease, disability, injury, and premature death.
- 2) Achieve health equity, eliminate disparities, and improve the health of all groups.
- 3) Create social and physical environments that promote good health for all.
- 4) Promote quality of life, healthy development, and healthy behaviors across all life stages.

The NSCH reports on HP2020 objectives that align with NSCH data to compare benchmarks and targets set by HP2020. Through this comparison, NSCH may determine the child and youth populations that are meeting the targets and those that are not.

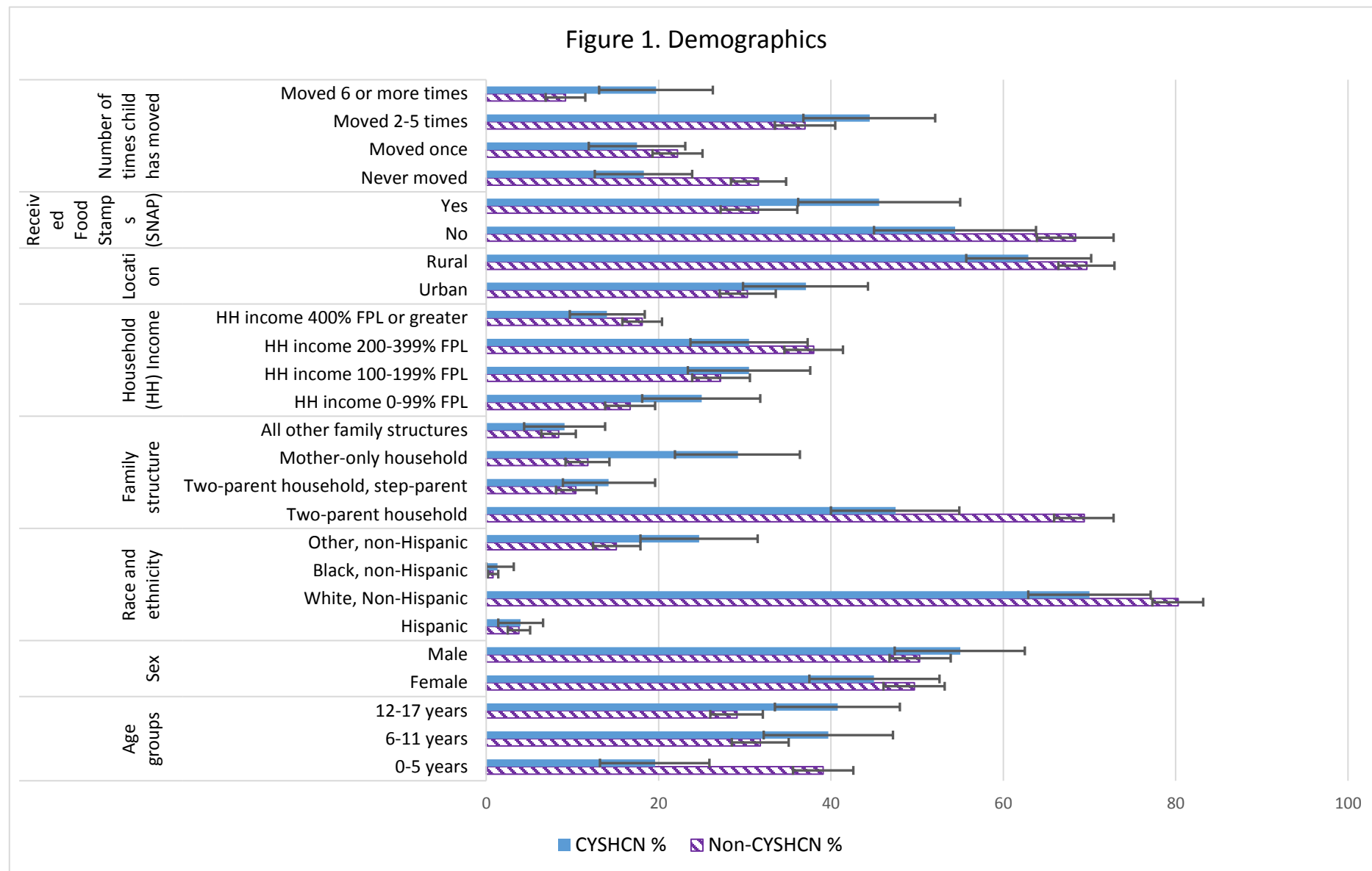
For this report, relevant NSCH data to AMCHP and HP2020 focus areas are summarized in the next section.

# Montana CYSHCN Snapshot

This summary data report for the Montanan CYSHCN population is provided in this section and is organized by NCHS Sections. Data are by Montana CYSHCN to non-CYSHCN comparison.

## SECTION 1 and 11: Demographics

Figure 1. Demographics

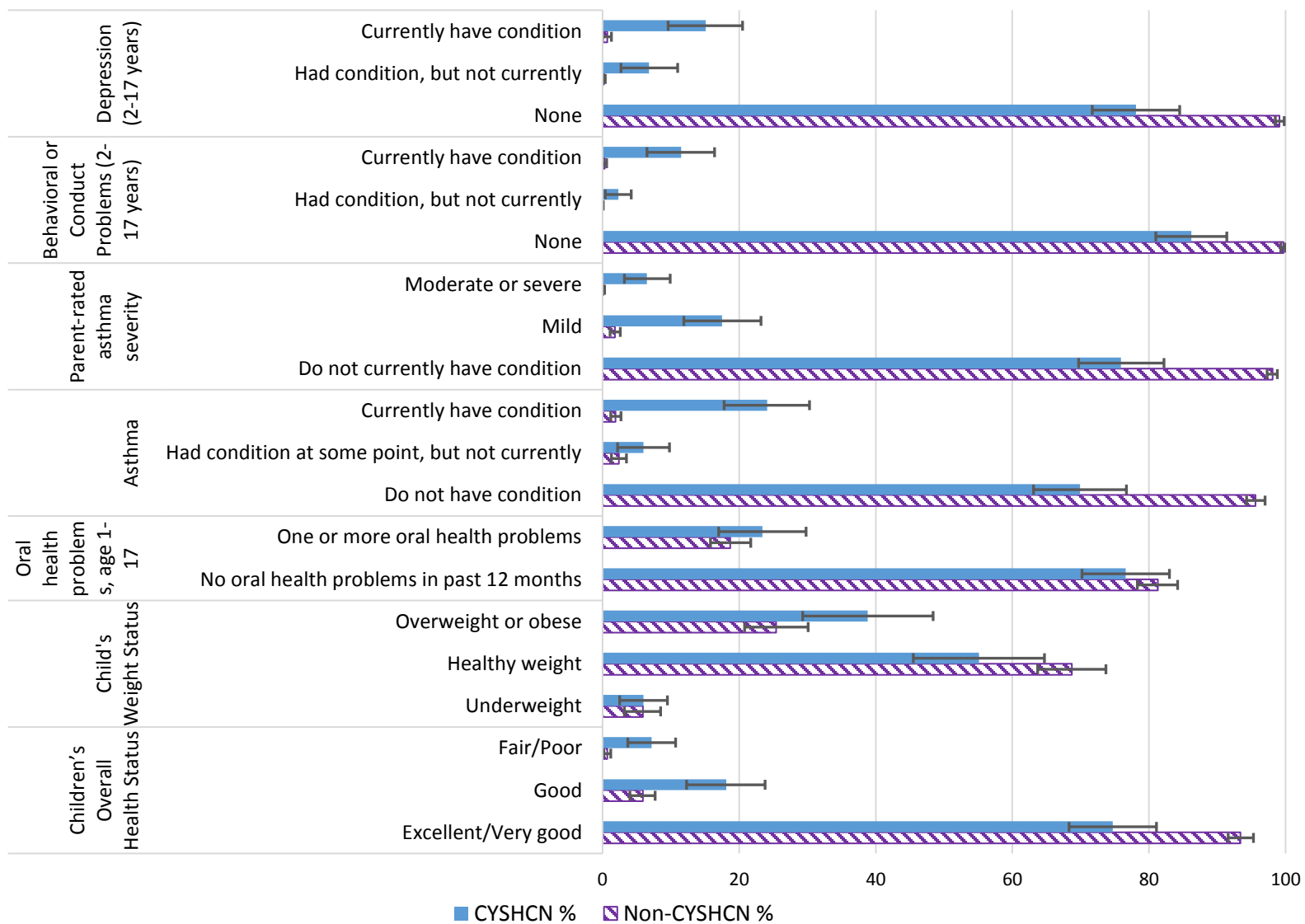


**Table 1. Demographics**

	CYSHCN				Non-CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Children/Youth Age Groups	0-5 years	52	19.6	(13.2 - 25.9)	8,705	494	39.1	(35.6 - 42.6)	68,700
	6-11 years	121	39.7	(32.2 - 47.2)	17,669	448	31.8	(28.5 - 35.1)	55,834
	12-17 years	165	40.8	(33.5 - 48.0)	18,141	544	29.1	(26.0 - 32.1)	50,997
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,486</b>	<b>100</b>	<b>---</b>	<b>175,531</b>
Sex	Female	144	45	(37.5 - 52.6)	20,037	716	49.7	(46.1 - 53.2)	87,174
	Male	193	55	(47.4 - 62.5)	24,453	769	50.3	(46.8 - 53.9)	88,320
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>---</b>	<b>44,490</b>	<b>1,485</b>	<b>100</b>	<b>---</b>	<b>175,494</b>
Race And Ethnicity	Hispanic	17	4	(1.4 - 6.6)	1,762	63	4	(2.5 - 5.1)	6,586
	White, Non-Hispanic	252	70	(62.9 - 77.1)	30,805	1,212	80.3	(77.3 - 83.2)	137,729
	Black, non-Hispanic	2	1	(0.0 - 3.2)	577	8	1	(0.2 - 1.4)	1,320
	Other, non-Hispanic	62	25	(17.9 - 31.5)	10,894	174	15.1	(12.4 - 17.9)	25,960
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>44,038</b>	<b>1,457</b>	<b>100</b>	<b>---</b>	<b>171,595</b>
Family Structure	Two-parent household	195	47.5	(40.0 - 54.9)	21,116	1,117	69	(65.9 - 72.8)	120,686
	Two-parent household, step-parent	31	14.2	(8.9 - 19.6)	6,333	109	10	(8.1 - 12.8)	18,164
	Mother-only household	80	29.2	(21.9 - 36.4)	12,975	132	12	(9.2 - 14.3)	20,478
	All other family structures	31	9.1	(4.4 - 13.8)	4,051	115	8.4	(6.4 - 10.4)	14,605
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>---</b>	<b>44,475</b>	<b>1,473</b>	<b>100</b>	<b>---</b>	<b>173,933</b>
Household (HH) Income	HH income 0-99% FPL	68	25	(18.1 - 31.8)	11,122	186	17	(13.8 - 19.6)	29,315
	HH income 100-199% FPL	78	30.5	(23.4 - 37.6)	13,569	301	27	(23.9 - 30.6)	47,777
	HH income 200-399% FPL	113	30.5	(23.7 - 37.3)	13,581	599	38	(34.6 - 41.4)	66,735
	HH income 400% FPL or greater	79	14	(9.7 - 18.4)	6,243	400	18.1	(15.8 - 20.4)	31,704
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,486</b>	<b>100</b>	<b>---</b>	<b>175,531</b>
Location	Urban	122	37.1	(29.8 - 44.3)	16,498	457	30.3	(27.1 - 33.6)	52,624
	Rural	216	62.9	(55.7 - 70.2)	28,017	1,017	69.7	(66.4 - 72.9)	120,813
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,474</b>	<b>100</b>	<b>---</b>	<b>173,437</b>
Received Food Stamps (Snap)	No	124	54.4	(45.0 - 63.8)	17,269	603	68.4	(63.9 - 72.8)	79,154
	Yes	77	45.6	(36.2 - 55.0)	14,501	213	31.6	(27.2 - 36.1)	36,630
	<b>Total</b>	<b>201</b>	<b>100</b>	<b>---</b>	<b>31,770</b>	<b>816</b>	<b>100</b>	<b>---</b>	<b>115,784</b>
Number Of Times Child Has Moved	Never moved	79	18.3	(12.6 - 23.9)	7,807	562	32	(28.4 - 34.8)	54,412
	Moved once	68	17.5	(11.9 - 23.1)	7,474	342	22	(19.3 - 25.1)	38,175
	Moved 2-5 times	137	44.5	(36.8 - 52.1)	19,006	471	37	(33.5 - 40.5)	63,718
	Moved 6 or more times	42	19.7	(13.1 - 26.3)	8,435	88	9.2	(6.9 - 11.5)	15,870
	<b>Total</b>	<b>326</b>	<b>100</b>	<b>---</b>	<b>42,722</b>	<b>1,463</b>	<b>100</b>	<b>---</b>	<b>172,175</b>

## SECTION 2: Child's Health and Functional Status

Figure 2. Child's Health and Functional Status



**Table 2. Child's Health and Functional Status**

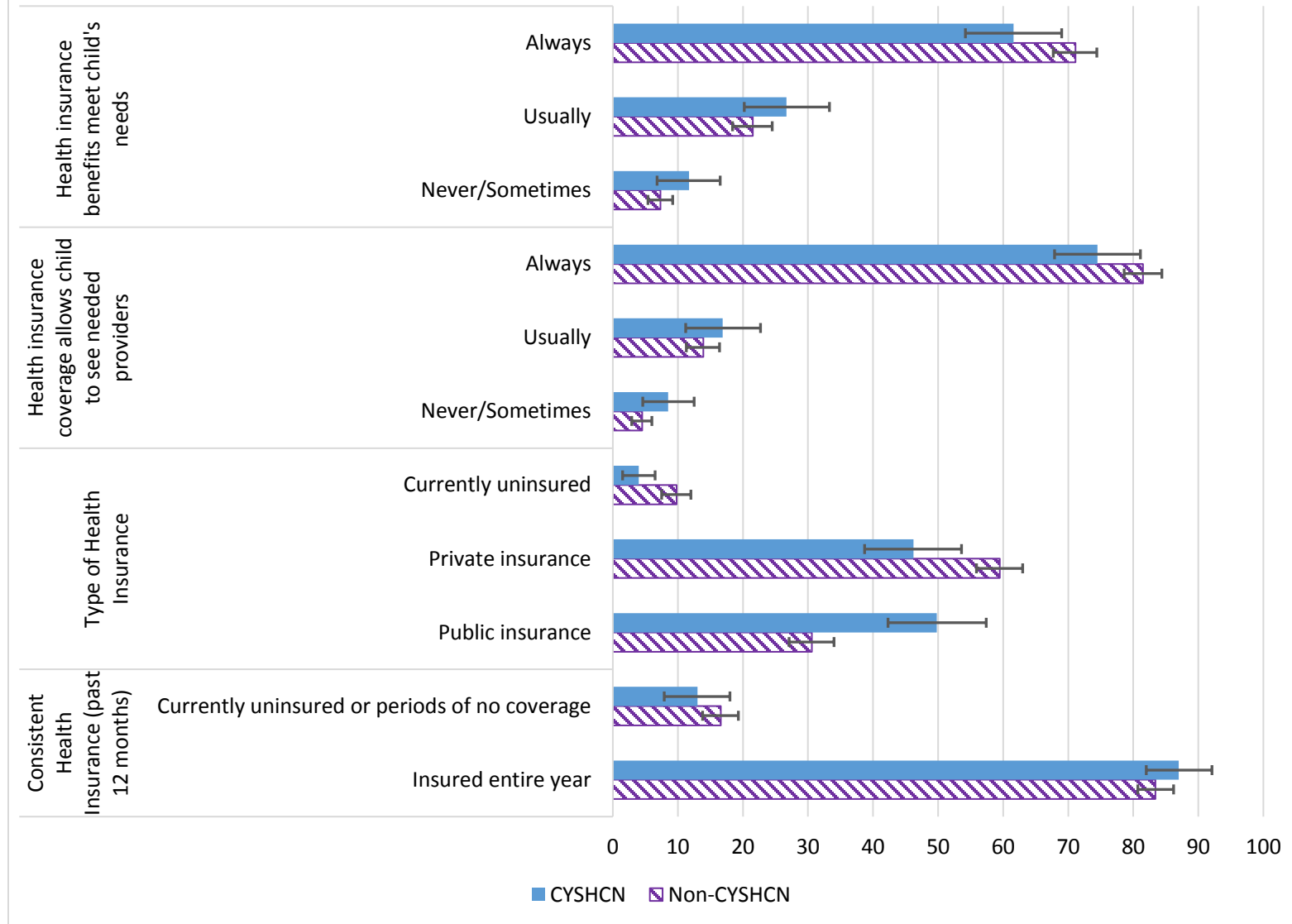
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Children's overall health status	Excellent/Very good	253	74.7	(68.3 - 81.1)	33,262	1,407	93	(91.6 - 95.3)	164,030
	Good	58	18.1	(12.3 - 23.8)	8,036	68	6	(4.0 - 7.7)	10,315
	Fair/Poor	27	7.2	(3.7 - 10.7)	3,217	11	0.7	(0.2 - 1.2)	1,185
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,486</b>	<b>100</b>	<b>---</b>	<b>175,530</b>
Child's Weight Status	Underweight	15	6	(2.5 - 9.5)	1,532	39	6	(3.2 - 8.5)	4,074
	Healthy weight	119	55.1	(45.5 - 64.7)	14,013	484	69	(63.7 - 73.7)	47,533
	Overweight or obese	76	38.8	(29.3 - 48.4)	9,873	176	25.4	(20.8 - 30.1)	17,595
	<b>Total</b>	<b>210</b>	<b>100</b>	<b>---</b>	<b>25,418</b>	<b>699</b>	<b>100</b>	<b>---</b>	<b>69,202</b>
Oral health problems, age 1-17	No oral health problems in past 12 months	256	76.6	(70.2 - 83.0)	33,669	1,162	81.3	(78.3 - 84.2)	133,134
	One or more oral health problems	77	23.4	(17.0 - 29.8)	10,302	234	19	(15.8 - 21.7)	30,709
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>43,971</b>	<b>1,396</b>	<b>100</b>	<b>---</b>	<b>163,843</b>
Asthma	Do not have condition	229	69.9	(63.1 - 76.7)	31,116	1410	95.6	(94.3 - 97.0)	167,801
	Had condition at some point, but not currently	19	6	(2.2 - 9.8)	2,685	37	2	(1.3 - 3.5)	4,222
	Currently have condition	90	24.1	(17.8 - 30.3)	10,714	37	2	(1.2 - 2.7)	3,410
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,484</b>	<b>100</b>	<b>---</b>	<b>175,433</b>
Parent-rated asthma severity	Do not currently have condition	248	75.9	(69.7 - 82.2)	33,801	1447	98.1	(97.3 - 98.8)	172,023
	Mild	66	17.5	(11.9 - 23.2)	7,799	35	1.8	(1.1 - 2.6)	3,199
	Moderate or severe	24	6.5	(3.2 - 9.9)	2,915	2	0.1	(0.0 - 0.3)	210
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,484</b>	<b>100</b>	<b>---</b>	<b>175,432</b>
Behavioral or conduct problems (2-17 years)	None	278	86.2	(81.0 - 91.4)	37,276	1,303	99.7	(99.3 - 100)	153,503
	Had condition, but not currently	8	2.3	(0.4 - 4.2)	991	1	0	(0.0 - 0.1)	37
	Currently have condition	40	11.5	(6.5 - 16.4)	4,959	4	0.3	(0.0 - 0.6)	438
	<b>Total</b>	<b>326</b>	<b>100</b>	<b>---</b>	<b>43,226</b>	<b>1,308</b>	<b>100</b>	<b>---</b>	<b>153,978</b>
Depression (2-17 years)	None	255	78.1	(71.7 - 84.5)	33,817	1,292	99	(98.5 - 99.8)	152,531
	Had condition, but not currently	18	6.8	(2.7 - 11.0)	2,959	6	0	(0.0 - 0.4)	293
	Currently have condition	54	15.1	(9.6 - 20.5)	6,524	8	0.7	(0.0 - 1.3)	1,052
	<b>Total</b>	<b>327</b>	<b>100</b>	<b>---</b>	<b>43,300</b>	<b>1,306</b>	<b>100</b>	<b>---</b>	<b>153,876</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTIONS 3 and 12: Health Insurance Coverage

Figure 3. Health Insurance Coverage





**Table 3. Health Insurance Coverage**

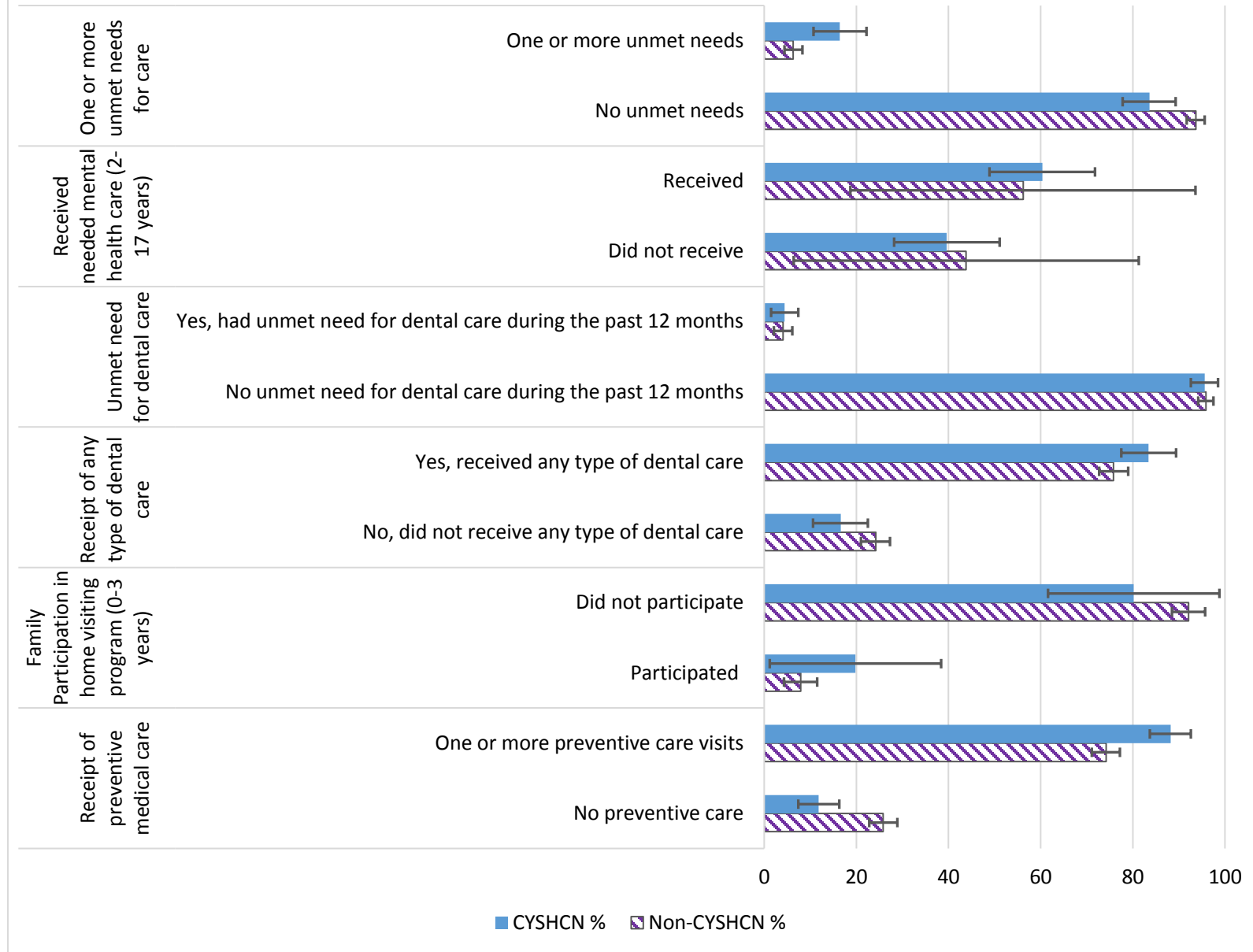
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Health Insurance Status	Insured at time of survey	322	96	(93.5 - 98.5)	42,738	1,362	90	(88.1 - 92.5)	158,367
	Not insured	16	4	(1.5 - 6.5)	1,777	121	10	(7.5 - 11.9)	17,012
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,483</b>	<b>100</b>	<b>---</b>	<b>175,379</b>
Consistent health insurance (past 12 months)	Insured entire year	301	87	(82.0 - 92.1)	38,746	1260	83.4	(80.6 - 86.1)	144,283
	Currently uninsured or periods of no coverage	37	13	(7.9 - 18.0)	5769	210	16.6	(13.9 - 19.4)	28818
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,515</b>	<b>1,470</b>	<b>100</b>	<b>---</b>	<b>173,101</b>
Type of Health Insurance	Public insurance	137	49.8	(42.3 - 57.4)	22162	347	30.6	(27.2 - 34.1)	53098
	Private insurance	184	46.2	(38.7 - 53.6)	20522	1001	59.5	(56.0 - 63.1)	103144
	Currently uninsured	16	4	(1.5 - 6.5)	1,777	121	9.8	(7.6 - 12.1)	17,012
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>---</b>	<b>44,461</b>	<b>1,469</b>	<b>100</b>	<b>---</b>	<b>173,254</b>
Health insurance coverage allows child to see needed providers	Never/Sometimes	28	8.5	(4.6 - 12.5)	3,649	54	4.5	(3.0 - 6.1)	7,114
	Usually	59	16.9	(11.2 - 22.7)	7237	193	13.9	(11.4 - 16.5)	21,921
	Always	234	74.5	(67.9 - 81.1)	31,824	1104	81.5	(78.6 - 84.4)	128,119
	<b>Total</b>	<b>321</b>	<b>100</b>	<b>---</b>	<b>42,710</b>	<b>1,351</b>	<b>100</b>	<b>---</b>	<b>157,154</b>
Health insurance benefits meet child's needs	Never/Sometimes	35	11.7	(6.8 - 16.5)	4,979	95	7.3	(5.4 - 9.2)	11,458
	Usually	97	26.7	(20.2 - 33.3)	11,407	306	21.5	(18.5 - 24.6)	33,661
	Always	188	61.6	(54.2 - 69.0)	26,266	943	71.1	(67.8 - 74.5)	111,192
	<b>Total</b>	<b>320</b>	<b>100</b>	<b>---</b>	<b>42,652</b>	<b>1,344</b>	<b>100</b>	<b>---</b>	<b>156,311</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTION 4: Health Access and Utilization

Figure 4. Health Care Access and Utilization



**Table 4. Healthcare Access and Utilization**

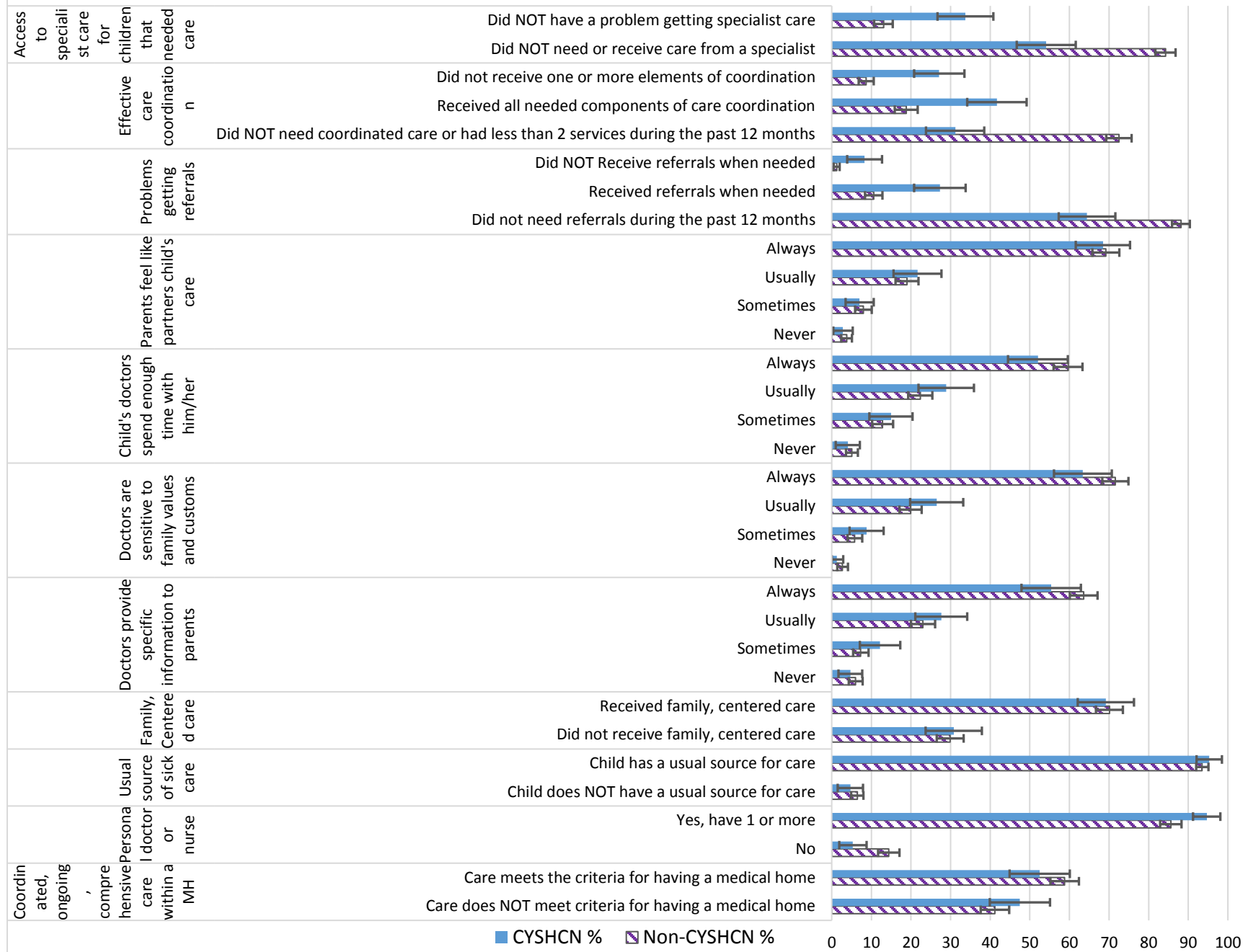
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	%	n	CI	Pop. Est.	
Preventive medical care	No preventive care	48	11.8	(7.4 - 16.3)	5243	25.8	394	(22.8 - 28.9)	44964
	One or more preventive care visits	287	88.2	(83.7 - 92.6)	39,138	74.2	1083	(71.1 - 77.2)	129,216
	<b>Total</b>	<b>335</b>	<b>100</b>	<b>8.9</b>	<b>44,381</b>	<b>100</b>	<b>1,477</b>	<b>6.1</b>	<b>174,180</b>
Family Participation in home visiting program (0-3 years)	Participated	5	19.8	(1.2 - 38.4)	793	7.9	27	(4.3 - 11.5)	3,257
	Did not participate	20	80.2	(61.6 - 98.8)	3,221	92.1	293	(88.5 - 95.7)	37,816
	<b>Total</b>	<b>25</b>	<b>100</b>	<b>37.2</b>	<b>4,014</b>	<b>100</b>	<b>320</b>	<b>7.2</b>	<b>41,073</b>
Receipt of any type of dental care	No, did not receive any type of dental care	47	16.6	(10.6 - 22.5)	7,278	24.2	322	(21.0 - 27.3)	39,564
	Yes, received any type of dental care	286	83.4	(77.5 - 89.4)	36,693	75.8	1074	(72.7 - 79.0)	124,187
	<b>Total</b>	<b>330</b>	<b>100</b>	<b>11.9</b>	<b>43,971</b>	<b>100</b>	<b>1,396</b>	<b>6.3</b>	<b>163,751</b>
Unmet need for dental care	No unmet need for dental care during the past 12 months	321	95.6	(92.6 - 98.5)	42,545	95.9	1,438	(94.2 - 97.5)	167,915
	Yes, had unmet need for dental care during the past 12 months	17	4.4	(1.5 - 7.4)	1,970	4.1	44	(2.5 - 5.8)	7,256
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>5.9</b>	<b>44,515</b>	<b>100</b>	<b>1,482</b>	<b>(3.7-3.6)</b>	<b>175,171</b>
Received needed mental health care (2-17 years)	Did not receive	45	39.6	(28.2 - 51.1)	7,096	43.8	3	(6.4 - 81.3)	1,075
	Received	93	60.4	(48.9 - 71.8)	10,818	56	11	(18.7 - 93.6)	1,377
	<b>Total</b>	<b>138</b>	<b>100</b>	<b>22.9</b>	<b>17,914</b>	<b>100</b>	<b>14</b>	<b>74.9</b>	<b>2,452</b>
One or more unmet needs for care	No unmet needs	288	83.6	(77.8 - 89.3)	37,193	94	1408	(91.7 - 95.6)	164,067
	One or more unmet needs	50	16.4	(10.7 - 22.2)	7,322	6.3	74	(4.4 - 8.3)	11,105
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>11.5</b>	<b>44,515</b>	<b>100</b>	<b>1,482</b>	<b>3.9</b>	<b>175,172</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTION 5: Medical Home (MH)

Figure 5. Medical Home



## Section 5: Medical Home

	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Coordinated, ongoing, comprehensive care within a MH	Care does NOT meet criteria for having a medical home	163	47.5	(39.9 - 55.1)	20,675	556	41	(37.6 - 44.8)	70,409
	Care meets the criteria for having a medical home	166	52.5	(44.9 - 60.1)	22,854	877	59	(55.2 - 62.4)	100,507
	<b>Total</b>	<b>329</b>	<b>100</b>	<b>15.2</b>	<b>43,529</b>	<b>1,433</b>	<b>100</b>	<b>7.2</b>	<b>170,916</b>
Personal doctor or nurse	No	21	5.3	(1.9 - 8.8)	2,378	176	14.4	(11.7 - 17.1)	25,204
	Yes, have 1 or more	316	94.7	(91.2 - 98.1)	42,109	1,303	85.6	(82.9 - 88.3)	149,366
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>6.9</b>	<b>44,487</b>	<b>1,479</b>	<b>100</b>	<b>5.4</b>	<b>174,570</b>
Usual source of sick care	Child does NOT have a usual source for care	14	4.7	(1.5 - 7.9)	2,066	96	6.5	(4.9 - 8.0)	11,302
	Child has a usual source for care	322	95.3	(92.1 - 98.5)	42,230	1,388	93.5	(92.0 - 95.1)	163,761
	<b>Total</b>	<b>336</b>	<b>100</b>	<b>6.4</b>	<b>44,296</b>	<b>1,484</b>	<b>100</b>	<b>3.1</b>	<b>175,063</b>
Family, Centered care	Did not receive family, centered care	99	30.8	(23.7 - 37.9)	13,578	371	29.9	(26.5 - 33.3)	49,001
	Received family, centered care	232	69.2	(62.1 - 76.3)	30,483	1,012	70.1	(66.7 - 73.5)	114,909
	<b>Total</b>	<b>331</b>	<b>100</b>	<b>14.2</b>	<b>44,061</b>	<b>1,383</b>	<b>100</b>	<b>6.8</b>	<b>163,910</b>
Doctors provided specific information parent needed	Never	19	4.7	(1.7 - 7.7)	2,070	77	6	(4.3 - 7.8)	9,981
	Sometimes	34	12.2	(7.1 - 17.3)	5,391	99	7	(5.4 - 9.3)	12,181
	Usually	104	27.7	(21.1 - 34.2)	12,219	338	23	(20.0 - 26.1)	38,233
	Always	176	55.4	(47.9 - 62.9)	24,485	892	63.6	(60.1 - 67.1)	105,584
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>(22.2-22.1)</b>	<b>44,165</b>	<b>1,406</b>	<b>100</b>	<b>(10.1-10.4)</b>	<b>165,979</b>
Doctors are sensitive to family values and customs	Never	6	1.3	(0.0 - 2.9)	598	22	3	(1.4 - 4.1)	4,492
	Sometimes	27	8.8	(4.5 - 13.1)	3,881	67	6	(4.0 - 7.7)	9,671
	Usually	91	26.5	(19.8 - 33.2)	11,755	294	19.9	(17.1 - 22.7)	32,892
	Always	211	63.4	(56.1 - 70.7)	28,085	1,024	71.6	(68.3 - 74.9)	118,422
	<b>Total</b>	<b>335</b>	<b>100</b>	<b>(19.6-19.9)</b>	<b>44,319</b>	<b>1,407</b>	<b>100</b>	<b>(9.2-9.4)</b>	<b>165,477</b>
Child's doctors spend enough time with him/her	Never	14	4.1	(1.0 - 7.1)	1,797	73	5.1	(3.6 - 6.6)	8,453
	Sometimes	46	15	(9.5 - 20.4)	6,624	144	12.8	(10.2 - 15.5)	21,231
	Usually	96	28.9	(21.9 - 35.9)	12,787	307	22.4	(19.3 - 25.4)	36,986
	Always	178	52.1	(44.5 - 59.6)	23,035	878	59.7	(56.0 - 63.3)	98,614
	<b>Total</b>	<b>334</b>	<b>100</b>	<b>(23.2-21.9)</b>	<b>44,243</b>	<b>1,402</b>	<b>100</b>	<b>(10.9-10.8)</b>	<b>165,284</b>
Parents feel like partners child's care	Never	11	2.8	(0.4 - 5.3)	1,257	48	3.8	(2.4 - 5.1)	6,243
	Sometimes	27	7	(3.5 - 10.6)	3,121	95	8	(5.9 - 10.1)	13,294

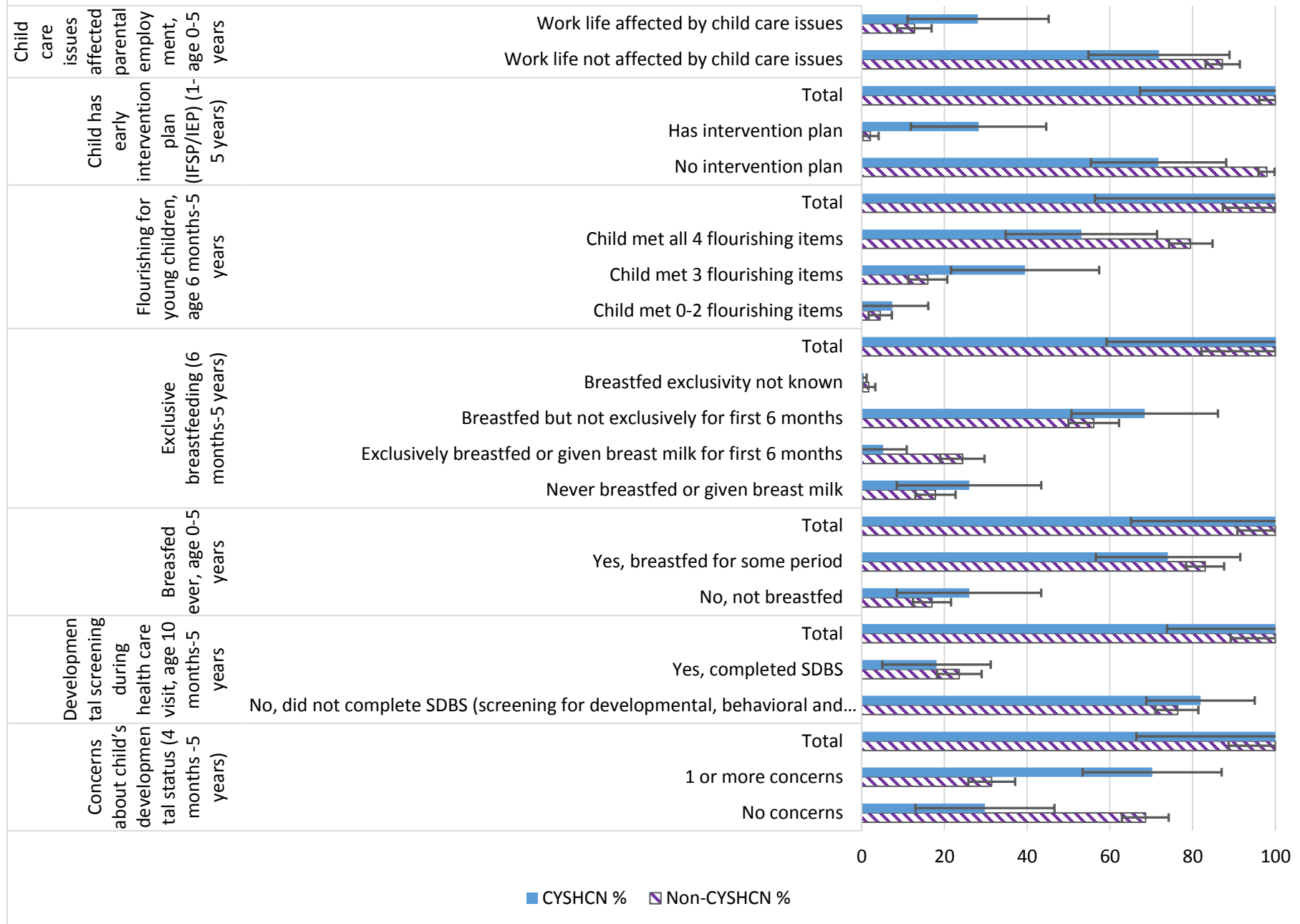
Problems getting referrals (past 12 months)	Usually	78	21.7 (15.6 - 27.7)	9,589	283	19	(16.2 - 21.9)	31,571	
	Always	218	68.5 (61.6 - 75.3)	30,324	985	69	(65.8 - 72.6)	114,949	
	<b>Total</b>	<b>334</b>	<b>100</b>	<b>18.9</b>	<b>44,291</b>	<b>1,411</b>	<b>100</b>	<b>(9.8-9.7)</b>	<b>166,057</b>
	Did not need referrals	215	64.4 (57.3 - 71.6)	28,634	1307	88	(85.9 - 90.4)	154,487	
Effective care coordination (past 12 months)	Received referrals	104	27.3 (20.8 - 33.8)	12,135	158	10.6	(8.4 - 12.8)	18,514	
	Did NOT Receive referrals w	18	8.3 (3.9 - 12.7)	3,689	19	1	(0.5 - 2.0)	2,226	
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>(18.0-18.1)</b>	<b>44,458</b>	<b>1,484</b>	<b>100</b>	<b>(5.3-5.1)</b>	<b>175,227</b>
	Did NOT need coordinated care or had less than 2 services	88	31.2 (23.8 - 38.5)	13,706	1,078	73	(69.3 - 75.7)	126,647	
Problems accessing needed specialist care for children that needed care	Received all needed components of care coordination	137	41.7 (34.2 - 49.2)	18,351	259	19	(15.9 - 21.7)	32,891	
	Did not receive one or more elements of coordination	110	27.1 (20.8 - 33.5)	11,932	135	8.7	(6.8 - 10.6)	15,181	
	<b>Total</b>	<b>335</b>	<b>100</b>	<b>21.2</b>	<b>43,989</b>	<b>1,472</b>	<b>100</b>	<b>8.0</b>	<b>174,719</b>
	Did NOT need or receive care from a specialist	173	54.1 (46.7 - 61.6)	24,104	1,231	84	(81.7 - 86.8)	147,917	
Problems accessing needed specialist care for children that needed care	Did NOT have a problem getting specialist care	117	33.7 (26.7 - 40.8)	15,011	213	13	(10.7 - 15.4)	22,931	
	Had some problem getting specialist care	48	12.1 (7.5 - 16.8)	5,400	42	2.7	(1.6 - 3.8)	4,683	
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>(19.0-19.3)</b>	<b>44,515</b>	<b>1,486</b>	<b>100</b>	<b>(6.1-5.9)</b>	<b>175,531</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTION 6: Early Childhood (0–5 years)

Figure 6. Childhood (0-5 Years)



## Section 6: Childhood, 0 5 Years

	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
At risk for developmental, behavioral, or social delays (4 mos-5 years)	Low or no risk of developmental, behavioral or social delays	26	60.6	(43.1 - 78.1)	5277	370	76.7	(71.5 - 82.0)	50821
	Moderate risk of developmental, behavioral or social delays	13	15.2	(4.0 - 26.5)	1325	73	16	(11.5 - 20.6)	10633
	High risk of developmental, behavioral or social delays	13	24.2	(8.5 - 39.9)	2,104	28	7	(4.0 - 10.5)	4,803
	<b>Total</b>	<b>52</b>	<b>100</b>	<b>---</b>	<b>8,706</b>	<b>471</b>	<b>100</b>	<b>---</b>	<b>66,257</b>
Concerns about developmental status (4 mos-5 years)	No concerns	15	29.8	(13.0 - 46.6)	2,592	326	69	(62.9 - 74.2)	45,440
	1 or more concerns	37	70.2	(53.4 - 87.0)	6,113	145	31	(25.8 - 37.1)	20,817
	<b>Total</b>	<b>52</b>	<b>100</b>	<b>---</b>	<b>8,705</b>	<b>471</b>	<b>100</b>	<b>---</b>	<b>66,257</b>
Developmental screening during health care visit, (10 mos-5 years)	No, did not complete SDBS (screening for developmental, behavioral and social delays)	34	81.9	(68.8 - 95.0)	6,589	296	76.4	(71.0 - 81.8)	42,660
	Yes, completed SDBS	13	18.1	(5.0 - 31.2)	1,454	101	24	(18.2 - 29.0)	13,198
	<b>Total</b>	<b>47</b>	<b>100</b>	<b>---</b>	<b>8,043</b>	<b>397</b>	<b>100</b>	<b>---</b>	<b>55,858</b>
Breastfed ever	No, not breastfed	10	26	(8.5 - 43.4)	2,086	75	17	(12.4 - 21.6)	11,635
	Yes, breastfed for some period	39	74	(56.6 - 91.5)	5,952	416	83	(78.4 - 87.6)	56,817
	<b>Total</b>	<b>49</b>	<b>100</b>	<b>---</b>	<b>8,038</b>	<b>491</b>	<b>100</b>	<b>---</b>	<b>68,452</b>
Exclusive breastfeeding (6 months-5 years)	Never breastfed or given breast milk	10	26	(8.5 - 43.4)	2,086	72	17.8	(13.0 - 22.7)	11,443
	Exclusively breastfed or given breast milk for first 6 months	4	5.2	(0.0 - 10.9)	414	101	24.4	(19.0 - 29.7)	15,614
	Breastfed but not exclusively for first 6 months	33	68.4	(50.7 - 86.1)	5,497	275	56.1	(50.0 - 62.2)	35,972
	Breastfed exclusivity not known	2	0.5	(0.0 - 1.2)	40	6	1.7	(0.1 - 3.3)	1092
	<b>Total</b>	<b>49</b>	<b>100</b>	<b>---</b>	<b>8,037</b>	<b>454</b>	<b>100</b>	<b>---</b>	<b>64,121</b>
Flourishing for young children (6 mos-5 years)	Child met 0-2 flourishing items	5	7.4	(0.0 - 16.1)	643	16	4.5	(1.7 - 7.3)	2872
	Child met 3 flourishing items	21	39.5	(21.6 - 57.4)	3438	67	16	(11.3 - 20.7)	10293
	Child met all 4 flourishing items	26	53.1	(34.8 - 71.4)	4,624	374	79.5	(74.3 - 84.8)	51,203
	<b>Total</b>	<b>52</b>	<b>100</b>	<b>---</b>	<b>8,705</b>	<b>457</b>	<b>100</b>	<b>---</b>	<b>64,368</b>
Child has early intervention plan (IFSP/IEP) (1-5 years)	No intervention plan	30	71.7	(55.4 - 88.1)	5,855	399	97.9	(95.9 - 99.8)	55,865
	Has intervention plan	17	28.3	(11.9 - 44.6)	2,306	8	2.1	(0.2 - 4.1)	1,206
	<b>Total</b>	<b>47</b>	<b>100</b>	<b>---</b>	<b>8,161</b>	<b>407</b>	<b>100</b>	<b>---</b>	<b>57,071</b>
Child care issues affected parental employment	Work life not affected by child care issues	38	71.9	(54.8 - 88.9)	6,257	440	87.2	(83.1 - 91.4)	59,897
	Work life affected by child care issues	14	28.1	(11.1 - 45.2)	2,448	53	12.8	(8.6 - 16.9)	8,764
	<b>Total</b>	<b>52</b>	<b>100</b>	<b>---</b>	<b>8,705</b>	<b>493</b>	<b>100</b>	<b>---</b>	<b>68,661</b>

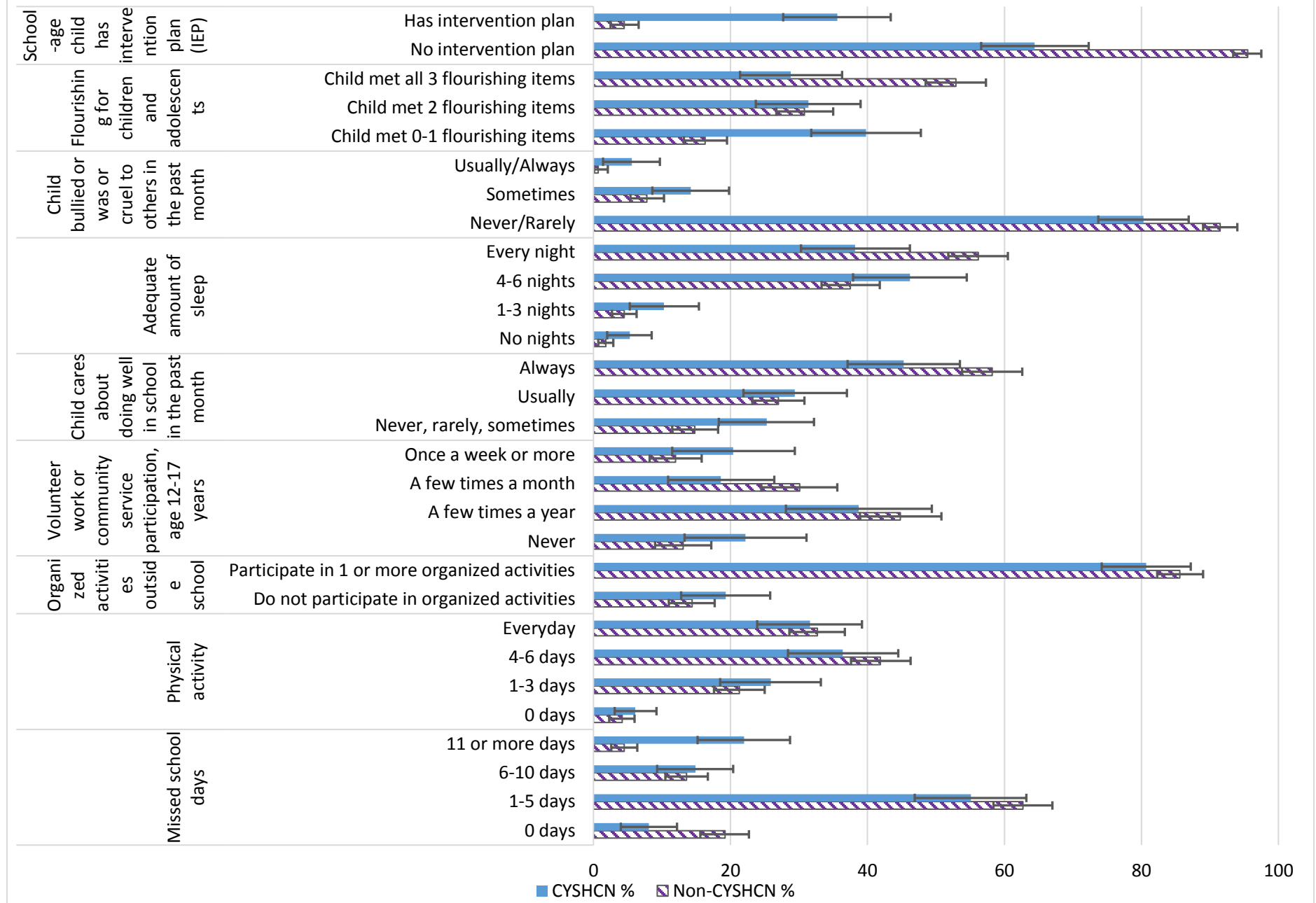
CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.



SECTION 7: Middle Childhood and Adolescence (6-17 years)

Figure 7. Middle Childhood and Adolescence (6-17 Years)



## Section 7: Middle Childhood and Adolescence (6-17 Years)

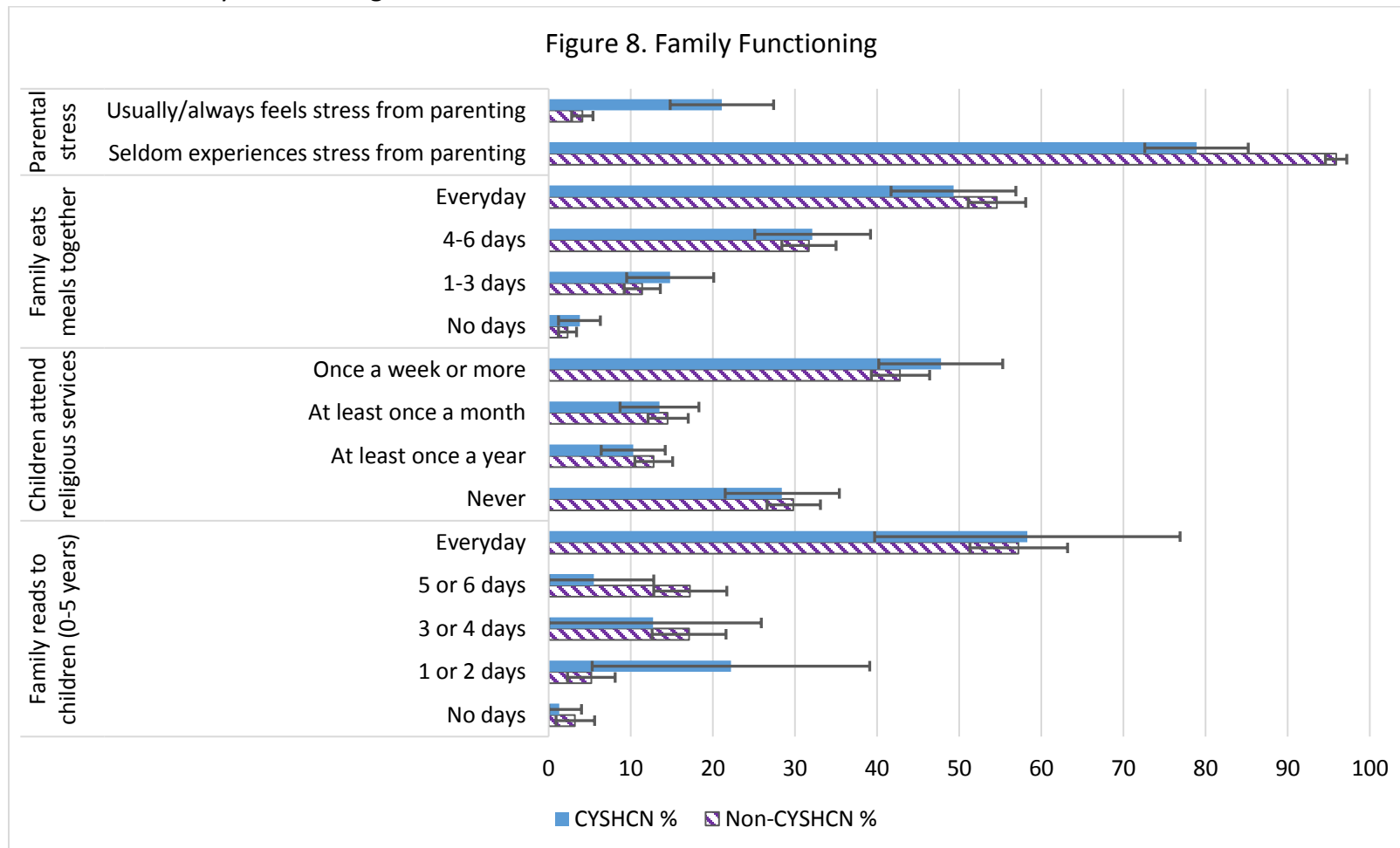
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Missed school days	0 days	28	8.1	(4.0 - 12.2)	2,858	178	19.2	(15.6 - 22.7)	20,358
	1-5 days	148	55.1	(46.9 - 63.2)	19,437	629	62.7	(58.4 - 67.0)	66,662
	6-10 days	45	14.9	(9.3 - 20.4)	5,246	136	13.6	(10.5 - 16.7)	14,469
	11 or more days	63	22	(15.2 - 28.7)	7764	42	4.5	(2.6 - 6.4)	4813
	<b>Total</b>	<b>284</b>	<b>100</b>	<b>---</b>	<b>35,305</b>	<b>985</b>	<b>100</b>	<b>---</b>	<b>106,302</b>
Physical activity	0 days	28	6.1	(3.1 - 9.2)	2191	46	4.2	(2.3 - 6.0)	4431
	1-3 days	75	25.9	(18.5 - 33.2)	9259	195	21.3	(17.6 - 25.0)	22611
	4-6 days	97	36.4	(28.4 - 44.5)	13,036	412	41.9	(37.6 - 46.3)	44,573
	Everyday	85	31.6	(23.9 - 39.2)	11,289	333	32.7	(28.6 - 36.7)	34,726
	<b>Total</b>	<b>285</b>	<b>100</b>	<b>---</b>	<b>35,775</b>	<b>986</b>	<b>100</b>	<b>---</b>	<b>106,341</b>
Organized activities outside school	Do not participate in organized activities	57	19.3	(12.8 - 25.8)	6,908	123	14.4	(11.0 - 17.7)	15,363
	Participate in 1 or more organized activities	229	80.7	(74.2 - 87.2)	28,902	869	85.6	(82.3 - 89.0)	91,468
	<b>Total</b>	<b>286</b>	<b>100</b>	<b>---</b>	<b>35,810</b>	<b>992</b>	<b>100</b>	<b>---</b>	<b>106,831</b>
Volunteer work or community service participation, age 12-17 years	Never	36	22.2	(13.3 - 31.1)	4,022	70	13.1	(9.0 - 17.2)	6,685
	A few times a year	62	38.7	(28.1 - 49.4)	7,029	246	44.8	(38.9 - 50.8)	22,859
	A few times a month	36	18.6	(10.9 - 26.4)	3,382	155	30	(24.5 - 35.6)	15,327
	Once a week or more	31	20.4	(11.5 - 29.4)	3,709	73	12	(8.2 - 15.8)	6,127
	<b>Total</b>	<b>165</b>	<b>100</b>	<b>---</b>	<b>18,142</b>	<b>544</b>	<b>100</b>	<b>---</b>	<b>50,998</b>
Child cares about doing well in school in the past month	Never, rarely, sometimes	72	25.3	(18.3 - 32.2)	9,029	126	15	(11.5 - 18.2)	15,831
	Usually	89	29.4	(21.9 - 37.0)	10,525	278	27	(23.2 - 30.8)	28,820
	Always	123	45.3	(37.1 - 53.5)	16,203	588	58.2	(53.8 - 62.6)	62,180
	<b>Total</b>	<b>284</b>	<b>100</b>	<b>---</b>	<b>35,757</b>	<b>992</b>	<b>100</b>	<b>---</b>	<b>106,831</b>
Adequate amount of sleep	No nights	17	5.3	(2.0 - 8.5)	1,881	19	1.8	(0.7 - 2.9)	1,928
	1-3 nights	30	10.3	(5.3 - 15.4)	3,683	48	4.5	(2.7 - 6.3)	4,767
	4-6 nights	124	46.2	(37.9 - 54.5)	16,479	391	37.5	(33.3 - 41.8)	39,870
	Every night	112	38.2	(30.3 - 46.2)	13,631	526	56.2	(51.8 - 60.5)	59,644
	<b>Total</b>	<b>283</b>	<b>100</b>	<b>---</b>	<b>35,674</b>	<b>984</b>	<b>100</b>	<b>---</b>	<b>106,209</b>
Child bullied or was or cruel to others in the past month	Never/Rarely	231	80.3	(73.7 - 86.9)	28,744	916	91.5	(89.0 - 94.0)	97,737
	Sometimes	44	14.2	(8.6 - 19.8)	5,075	68	7.8	(5.4 - 10.3)	8,374
	Usually/Always	11	5.6	(1.4 - 9.7)	1,992	8	0.7	(0.1 - 1.2)	720

Flourishing for children and adolescents	<b>Total</b>	<b>286</b>	<b>100</b>	<b>---</b>	<b>35,811</b>	<b>992</b>	<b>100</b>	<b>---</b>	<b>106,831</b>
	Child met 0-1 flourishing items	117	39.8	(31.8 - 47.8)	14251	165	16.3	(13.2 - 19.5)	17421
	Child met 2 flourishing items	87	31.4	(23.7 - 39.0)	11232	282	30.8	(26.7 - 35.0)	32928
	Child met all 3 flourishing items	82	28.8	(21.4 - 36.3)	10326	545	52.9	(48.5 - 57.3)	56482
School-age child has intervention plan (IEP)	<b>Total</b>	<b>286</b>	<b>100</b>	<b>---</b>	<b>35,809</b>	<b>992</b>	<b>100</b>	<b>---</b>	<b>106,831</b>
	No intervention plan	180	64.4	(56.6 - 72.3)	23047	950	95.5	(93.4 - 97.5)	101786
	Has intervention plan	105	35.6	(27.7 - 43.4)	12729	39	4.5	(2.5 - 6.6)	4842
	<b>Total</b>	<b>285</b>	<b>100</b>	<b>---</b>	<b>35,776</b>	<b>989</b>	<b>100</b>	<b>---</b>	<b>106,628</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

## SECTION 8: Family Functioning



## Section 8: Family Functioning

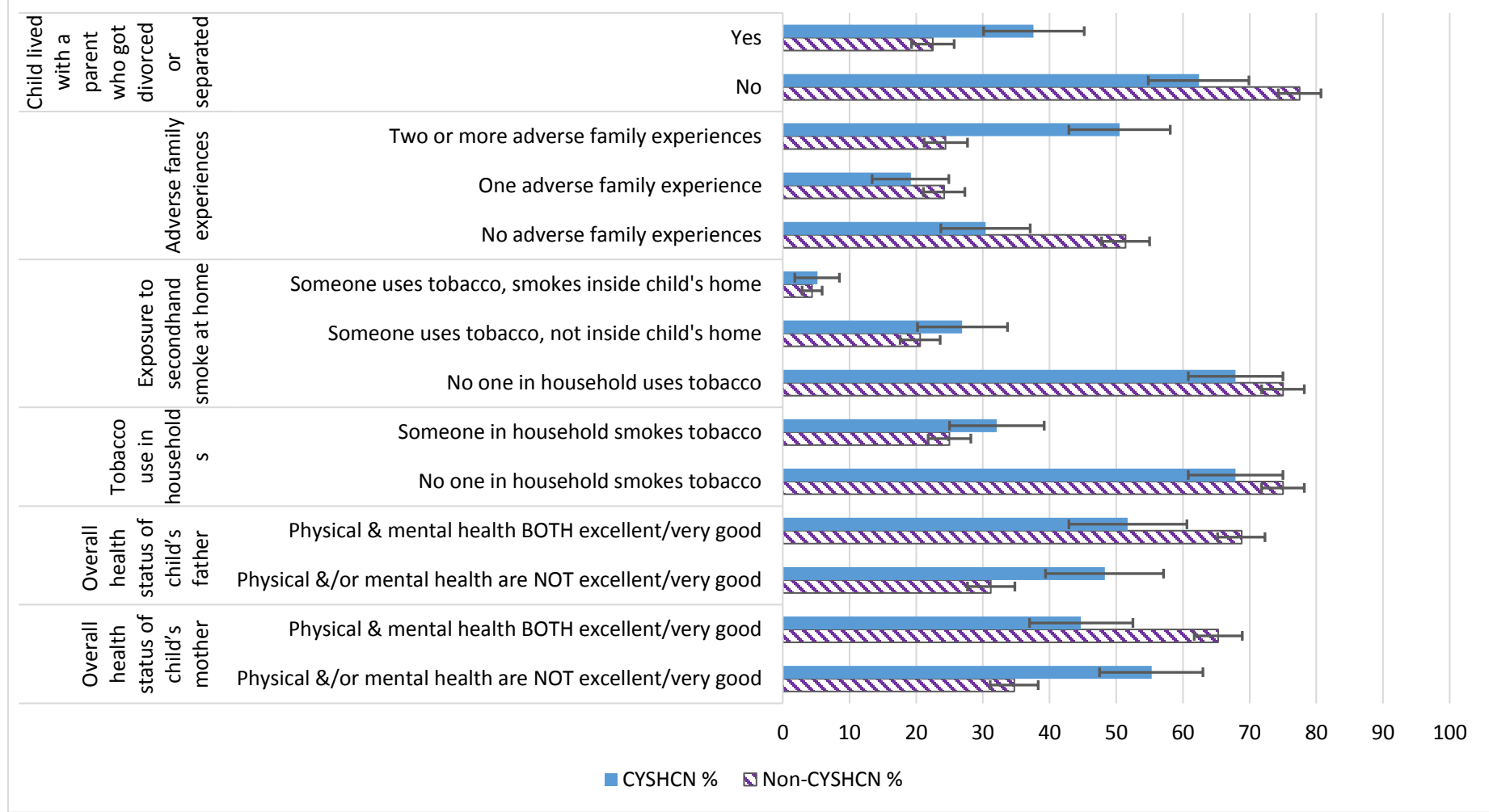
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Family reads to children (0-5 years)	No days	1	1.3	(0.0 - 4.0)	117	15	3.2	(0.9 - 5.6)	2212
	1 or 2 days	7	22.2	(5.3 - 39.1)	1935	23	5.2	(2.3 - 8.1)	3547
	3 or 4 days	6	12.7	(0.0 - 25.9)	1103	74	17.1	(12.6 - 21.6)	11676
	5 or 6 days	4	5.5	(0.0 - 12.8)	476	86	17.2	(12.8 - 21.7)	11765
	Everyday	34	58.3	(39.7 - 76.9)	5075	294	57.2	(51.3 - 63.2)	39103
	<b>Total</b>	<b>52</b>	<b>100</b>	<b>---</b>	<b>8,706</b>	<b>492</b>	<b>100</b>	<b>---</b>	<b>68,303</b>
Children attend religious services	Never	91	28.4	(21.5 - 35.4)	12566	429	29.8	(26.6 - 33.1)	52142
	At least once a year	50	10.3	(6.4 - 14.2)	4558	198	12.8	(10.5 - 15.1)	22357
	At least once a month	49	13.5	(8.7 - 18.3)	5971	233	14.5	(12.1 - 17.0)	25434
	Once a week or more	145	47.8	(40.2 - 55.3)	21107	620	42.8	(39.3 - 46.4)	74910
	<b>Total</b>	<b>335</b>	<b>100</b>	<b>---</b>	<b>44,202</b>	<b>1,480</b>	<b>100</b>	<b>---</b>	<b>174,843</b>
Family eats meals together	No days	13	3.8	(1.2 - 6.3)	1665	34	2.3	(1.2 - 3.4)	4012
	1-3 days	53	14.8	(9.5 - 20.1)	6552	187	11.4	(9.2 - 13.6)	19992
	4-6 days	113	32.1	(25.1 - 39.2)	14221	488	31.7	(28.4 - 35.0)	55562
	Everyday	158	49.3	(41.7 - 56.9)	21811	772	54.6	(51.1 - 58.1)	95786
	<b>Total</b>	<b>337</b>	<b>100</b>	<b>---</b>	<b>44,249</b>	<b>1,481</b>	<b>100</b>	<b>---</b>	<b>175,352</b>
Parental stress	Seldom experiences stress from parenting	271	78.9	(72.6 - 85.2)	35122	1412	95.9	(94.6 - 97.2)	168114
	Usually/always feels stress from parenting	67	21.1	(14.8 - 27.4)	9394	69	4.1	(2.8 - 5.4)	7207
	<b>Total</b>	<b>338</b>	<b>100</b>	<b>---</b>	<b>44,516</b>	<b>1,481</b>	<b>100</b>	<b>---</b>	<b>175,321</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTION 9: Parental Health

Figure 9. Parental Health



## Section 9: Parental Health

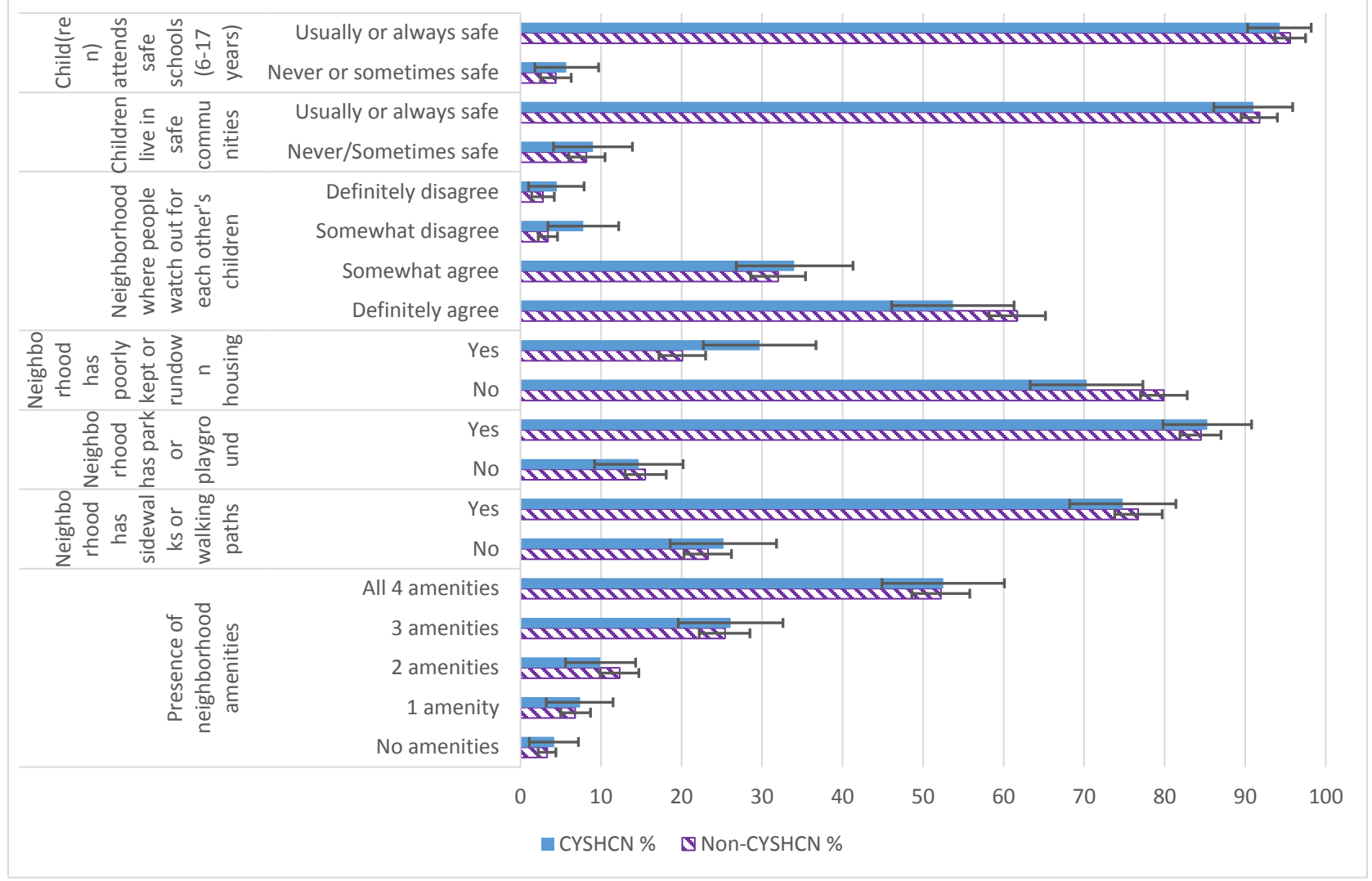
	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Overall health status of child's mother	Physical &/or mental health are NOT excellent/very good	162	55.3	(47.5 - 63.0)	22638	456	34.7	(31.1 - 38.3)	55437
	Physical & mental health BOTH excellent/very good	145	44.7	(37.0 - 52.5)	18326	905	65.3	(61.7 - 68.9)	104312
	<b>Total</b>	<b>307</b>	<b>100</b>	<b>---</b>	<b>40,964</b>	<b>1,361</b>	<b>100</b>	<b>---</b>	<b>159,749</b>
Overall health status of child's father	Physical &/or mental health are NOT excellent/very good	115	48.3	(39.4 - 57.1)	13775	387	31.2	(27.7 - 34.8)	46123
	Physical & mental health BOTH excellent/very good	118	51.7	(42.9 - 60.6)	14765	903	68.8	(65.2 - 72.3)	101478
	<b>Total</b>	<b>233</b>	<b>100</b>	<b>---</b>	<b>28,540</b>	<b>1,290</b>	<b>100</b>	<b>---</b>	<b>147,601</b>
Tobacco use in households	No one in household smokes tobacco	237	67.9	(60.8 - 75.0)	30166	1169	75	(71.8 - 78.2)	130594
	Someone in household smokes tobacco	99	32.1	(25.0 - 39.2)	14268	307	25	(21.8 - 28.2)	43515
	<b>Total</b>	<b>336</b>	<b>100</b>	<b>---</b>	<b>44,434</b>	<b>1,476</b>	<b>100</b>	<b>---</b>	<b>174,109</b>
Exposure to secondhand smoke at home	No tobacco use in household	237	67.9	(60.8 - 75.0)	30166	1169	75	(71.8 - 78.2)	130594
	Tobacco use, not inside child's home	81	26.9	(20.2 - 33.7)	11972	253	20.6	(17.6 - 23.6)	35877
	Tobacco use in child's home	18	5.2	(1.8 - 8.5)	2297	54	4.4	(2.9 - 5.9)	7637
	<b>Total</b>	<b>336</b>	<b>100</b>	<b>---</b>	<b>44,435</b>	<b>1,476</b>	<b>100</b>	<b>---</b>	<b>174,108</b>
Adverse family experiences (AFE)	No adverse family experiences	118	30.4	(23.7 - 37.1)	13372	864	51.4	(47.8 - 55.0)	88976
	One AFE	72	19.2	(13.4 - 24.9)	8440	331	24.2	(21.1 - 27.3)	41810
	Two or more AFE	143	50.5	(42.9 - 58.1)	22226	275	24.4	(21.2 - 27.7)	42298
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>44,038.0</b>	<b>1,470</b>	<b>100</b>	<b>---</b>	<b>173,084</b>
Child lived with a divorced or separated parent	No	233	62.4	(54.8 - 69.9)	27455	1207	77.5	(74.3 - 80.7)	133157
	Yes	99	37.6	(30.1 - 45.2)	16568	252	22.5	(19.3 - 25.7)	38653
	<b>Total</b>	<b>332</b>	<b>100</b>	<b>---</b>	<b>44,023</b>	<b>1,459</b>	<b>100</b>	<b>---</b>	<b>171,810</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.

Source: 2011/2012 National Children's Health Survey, Montana.

SECTION 10: Neighborhood and Community Characteristics

Figure 10. Neighborhood and Community Characteristics



## Section 10: Neighborhood and Community Characteristics

	CYSHCN				Non CYSHCN				
	n	%	CI	Pop. Est.	n	%	CI	Pop. Est.	
Presence of neighborhood amenities	No amenities	14	4.2	(1.1 - 7.2)	1816	63	3.3	(2.2 - 4.4)	5643
	1 amenity	24	7.4	(3.2 - 11.5)	3229	109	6.8	(5.0 - 8.7)	11754
	2 amenities	34	9.9	(5.6 - 14.3)	4345	182	12.3	(9.9 - 14.7)	21126
	3 amenities	94	26.1	(19.6 - 32.6)	11401	369	25.4	(22.2 - 28.5)	43543
	All 4 amenities	165	52.5	(44.9 - 60.1)	22957	733	52.2	(48.6 - 55.8)	89598
	<b>Total</b>	<b>331</b>	<b>100</b>	<b>---</b>	<b>43,748</b>	<b>1,456</b>	<b>100</b>	<b>---</b>	<b>171,664</b>
Neighborhood has sidewalks or walking paths	No	82	25.2	(18.6 - 31.8)	11111	375	23.3	(20.3 - 26.2)	40234
	Yes	251	74.8	(68.2 - 81.4)	32927	1093	76.7	(73.8 - 79.7)	132767
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>44,038</b>	<b>1,468</b>	<b>100</b>	<b>---</b>	<b>173,001</b>
Neighborhood has park or playground	No	49	14.7	(9.2 - 20.2)	6477	249	15.5	(13.0 - 18.1)	26888
	Yes	284	85.3	(79.8 - 90.8)	37561	1221	84.5	(81.9 - 87.0)	146195
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>44,038</b>	<b>1,470</b>	<b>100</b>	<b>---</b>	<b>173,083</b>
Neighborhood has poorly kept or rundown housing	No	245	70.3	(63.3 - 77.3)	30956	1170	79.9	(77.0 - 82.8)	137947
	Yes	88	29.7	(22.7 - 36.7)	13082	295	20.1	(17.2 - 23.0)	34721
	<b>Total</b>	<b>333</b>	<b>100</b>	<b>---</b>	<b>44,038</b>	<b>1,465</b>	<b>100</b>	<b>---</b>	<b>172,668</b>
Neighborhood where people watch out for each other's children	Definitely agree	184	53.7	(46.1 - 61.3)	23190	956	61.7	(58.2 - 65.2)	106418
	Somewhat agree	111	34	(26.8 - 41.3)	14695	435	32	(28.6 - 35.4)	55256
	Somewhat disagree	21	7.8	(3.4 - 12.2)	3361	44	3.4	(2.2 - 4.6)	5918
	Definitely disagree	14	4.5	(1.0 - 7.9)	1931	28	2.8	(1.4 - 4.2)	4878
	<b>Total</b>	<b>330</b>	<b>100</b>	<b>---</b>	<b>43,177</b>	<b>1,463</b>	<b>100</b>	<b>---</b>	<b>172,470</b>
Children live in safe communities	Never/Sometimes safe	22	9	(4.1 - 13.9)	3890	80	8.2	(6.0 - 10.5)	14262
	Usually or always safe	308	91	(86.1 - 95.9)	39374	1387	91.8	(89.5 - 94.0)	158641
	<b>Total</b>	<b>330</b>	<b>100</b>	<b>---</b>	<b>43,264</b>	<b>1,467</b>	<b>100</b>	<b>---</b>	<b>172,903</b>
Child(ren) attends safe schools (6-17 years)	Never or sometimes safe	18	5.7	(1.8 - 9.7)	1969	34	4.4	(2.5 - 6.3)	4421
	Usually or always safe	255	94.3	(90.3 - 98.2)	32305	905	95.6	(93.7 - 97.5)	95624
	<b>Total</b>	<b>273</b>	<b>100</b>	<b>---</b>	<b>34,274</b>	<b>939</b>	<b>100</b>	<b>---</b>	<b>100,045</b>

CI = Confidence Intervals; CYSHCN = Children and Youth with Special Health Care Needs; Pop. Est. = Population Estimate.  
 Source: 2011/2012 National Children's Health Survey, Montana.



## Authors

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## References

1. U.S Census Bureau. (2010). Resident Population Data. Retrieved from: <http://www.census.gov/2010census/data/apportionment-dens-text.php>
2. Child and Adolescent Health Measurement Initiative (CAHMI). Children with Special Health Care Needs, <http://www.cahmi.org/projects/children-with-special-health-care-needs-screener/>.
3. National Survey of Children's Health. NSCH 2011/12. Data query from the Child and Adolescent Health Measurement Initiative, Data Resource Center for Child and Adolescent Health website. Retrieved September 2016 from [www.childhealthdata.org](http://www.childhealthdata.org).
4. AMCHP. (2014). Standards for systems of care for children and youth with special health care needs. Online: National Consensus Framework for Systems of Care for CYSHCN Project, <http://www.amchp.org/AboutTitleV/Resources/Documents/Standards%20Charts%20FINAL.pdf>
5. U.S. Dept. of Health and Human Services (2014). Healthy People 2020: Topics and Objectives, <http://www.healthypeople.gov/2020/topicsobjectives2020/overview.aspx?topicid=9>.