

National Survey of Children with Special Health Care Needs (NS-CSHCN), 2001

OUR QUESTION:

How does caring for CYSHCN, especially those whose health needs are more complex or severe, affect the work life of employed family members?

WHAT WE CAN LEARN FROM THE DATA:

1. How many CYSHCN ages 0-17 live in Washington State? *(Data query #1)*

- There are about **210,000 CSHCN** in Washington State

2. How many CYSHCN in Washington State have one or more family members who cut down on their work hours to care for the child's special health need? *(Data query #1)*

- **25.7%** CYSHCN in Washington State have one or more family members who cut down on hours worked to care for the child's special health needs
- The 95% confidence interval for the estimated 25.7% of CYSHCN in WA with one or more family members who cut back on work hours is **21.9% – 29.4% or (+/- 3.8 pts)**
- This translates into between **46,000 and 62,000 CYSHCN*** in Washington State with one or more family members who cut back on hours worked in order to care for the child's special health care needs.

3. How do parents in Washington State rate the severity of their CYSHCN's health conditions? *(Data query #2)*

Mild (0 – 2)	27.2%
Moderate (3 – 6)	51.6%
Severe/Most Severe (7 – 10)	21.2% (17.1% + 4.1%)

4. In Washington State, do family members of CYSHCN whose conditions are more complex or severe have a greater likelihood of cutting down on the number of hours worked to care for child than do family members of CYSHCN with less complex or severe health conditions? *(Data query #3)*

<u>Parent-rated severity CYSHCN's health conditions</u>	<u>% YES, 1 or more family members cut back work hours to care for child</u>
Mild	9.4%
Moderate	25.7%
Severe	44.3%
Most Severe	48.2%

- How much more likely than CYSHCN whose health conditions are described as “moderate” are CYSHCN with “severe or most severe” health conditions to have 1 or more family members who cut back hours worked in order to care for child’s health needs?

A) 44.3% (Severe & cut back) = **1.7 times more likely** to have family members cut back hours worked to care for child
25.7% (Moderate & cut back)

B) 48.2% (Most severe & cut back) = **1.9 times more likely** to have family members cut back hours worked to care for child
25.7% (Moderate & cut back)

Note: The worksheet, “How to Translate Percentages into Estimated Numbers of Children” provides step-by-step directions on how to calculate the estimated numbers of children in the population represented by percentage-based confidence intervals shown in the Data Resource Center data query results tables.

“TELLING THE STORY”:

According to the 2001 National Survey of CSHCN:

- **1 in 4 CYSHCN** in Washington State have at least one family member who has cut back on number of hours worked in order to care for the child’s special needs.
- This translates into an estimated **46,000 to 62,000 CYSHCN** in Washington State with one or more family members who cut back on the number of hours worked due to the demands of caring for the child’s health needs.
- The work life of Washington State families with **CYSHCN whose health conditions are more complex or severe is disproportionately affected** by the care giving demands of having a child with special health care needs:
 - Washington State CYSHCN with more severe or complex health conditions are **nearly twice as likely** to have one or more family members who cut back on hours worked to care for child’s health needs than are CYSHCN with health conditions ranked as “moderate.” (44.3 / 25.7; 48.2 / 25.7)
 - Although only **21%** of CYSHCN in Washington State have health conditions described as “severe or most severe,” **they account for nearly 40%** of the 46,000 to 62,000 CYSHCN with at least one family member who cut back on number of hours worked in order to care for the child’s health needs. (20,010 / 52,784)

Data query #1: Percent of CYSHCN in WA State whose families cut down work hours to care for child's special needs:

Prevalence Data- Results Add to briefcase Print version

Selected State/Region: Washington New Query/topic

Criteria: **Year:** 2001 New Question

Topic: CYSHCN impact on family (Survey Section 9) Compare States

Question: CYSHCN whose families cut down work hours to care for child (C9q06) Compare Subgroups

Question: Have you or other family members cut down on the hours you work to care for (child's name)? [C9q06]

	No	Yes	Total %
%	74.3	25.7	100.0
CI	(70.6 - 78.1)	(21.9 - 29.4)	
n	562	190	
Weighted Est.	155,708	53,761	

209,467 CYSHCN ages 0-17 in WA State

For a detailed explanation of the data MOVE your cursor over the text in the table or the bold text. CI = 95% Confidence Interval. Percentages are weighted to population characteristics. n = Cell size. Use caution in interpreting Cell sizes less than 50.

Data query #2: Parent-rated severity of child's condition(s) for CYSHCN in WA State:

Prevalence Data- Results Add to briefcase Print version

Selected State/Region: Washington New Query/topic

Criteria: **Year:** 2001 New Question

Topic: CYSHCN health & functioning (Survey Section 3) Compare States

Question: Parent-ranked severity of CYSHCN health conditions (C3q10) Compare Subgroups

Question: Overall, how would you rank the severity of (child's name) condition(s) or problem (s)? Please pick a number between zero and ten where zero is the mildest and ten is the most severe. [C3q10]

	Mild (0 - 2)	Moderate (3 - 6)	Severe (7 - 8)	Most Severe (9 - 10)	Total %
%	27.2	51.6	17.1	4.1	100.0
CI	(23.5 - 31.0)	(47.3 - 55.8)	(13.6 - 20.7)	(2.4 - 5.9)	
n	214	383	117	35	
Weighted Est.	56,973	107,919	35,835		

17.1 + 4.1% = 21.2%
CYSHCN with conditions rated "Severe or Most Severe"

For a detailed explanation of the data MOVE your cursor over the text in the table or the bold text. CI = 95% Confidence Interval. Percentages are weighted to population characteristics. n = Cell size. Use caution in interpreting Cell sizes less than 50.

Data query #3: Percent of CYSHCN in WA State whose families cut down work hours to care for child's special needs BY level of parent-rated severity of child's condition(s):

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- Selected Criteria:**
- Washington
 - 2001
 - CYSHCN impact on family (Survey Section 9)
 - CYSHCN whose families cut down work hours to care for child (C9q06)
 - Parent-ranked severity of child's condition

- New Query/topic
- New Question
- Compare States
- Compare Subgroups

Question: Have you or other family members cut down on the hours you work to care for (child's name)? [C9q06]

		No	Yes	Total %
Mild (0 - 2)	%	90.6	9.4	100.0
	CI	(85.4 - 94.0)	(6.0 - 14.6)	
	n	191	22	
	Est.	51,431	5,351	
Moderate (3 - 6)	%	74.3	25.7	100.0
	CI	(68.9 - 79.1)	(20.9 - 31.1)	
	n	286	94	
	Est.	79,417	27,423	
Severe (7 - 8)	%	55.7	44.3	100.0
	CI	(44.1 - 66.7)	(33.3 - 55.9)	
	n	65	52	
	Est.	19,965	15,870	
Most Severe (9 - 10)	%	51.8	48.2	100.0
	CI	(31.8 - 71.3)	(28.7 - 68.2)	
	n	18	17	
	Est.	4,452	4,140	

15,870
+ 4,140
20,010
CYSHCN whose conditions are severe/most severe w/ 1 or more family members who cut back hours worked

For a detailed explanation of the data MOVE your cursor over the text in the table or the bold text below
CI = 95% Confidence Interval. Percentages are weighted to population characteristics.

$$5,351 + 27,423 + 15,870 + 4,140 =$$

52,784
CYSHCN w/
1 or more family members who cut back hours worked

What percentage of CYSHCN whose family members cut back on hours worked have health conditions rated as "severe/most severe"?
 $\frac{20,010}{52,784} = 38\%$