

Data Brief 423. Concussions and Brain Injuries in Children: United States, 2020

Data table for Figure 1. Percentage of children aged 0–17 years who ever had symptoms of concussion or brain injury, by age group: United States, 2020

Ever had symptoms of concussion or brain injury	Percent (95% confidence interval)	Standard error
Total	6.8 (5.9–7.7)	0.46
0–5 years	2.0 (1.2–3.0)	0.43
6–11 years	5.8 (4.4–7.4)	0.75
12–17 years	12.2 (10.4–14.2)	0.95

NOTES: “Symptoms of concussion or brain injury” is a summary based on positive responses to any of the symptom questions (ever knocked out or lost consciousness; dazed or had a gap in memory; or headaches, vomiting, blurred vision, or changes in mood or behavior). Children could have more than one type of symptom; see Definitions for more information. Estimates are based on household interviews of a sample of the U.S. civilian noninstitutionalized population.

SOURCE: National Center for Health Statistics, National Health Interview Survey, 2020.

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Data table for Figure 2. Percentage of children aged 0–17 years who ever had symptoms of concussion or brain injury, by sex and race and Hispanic origin: United States, 2020

Sex and race and Hispanic origin	Percent (95% confidence interval)	Standard error
Sex		
Boys	7.7 (6.5–9.0)	0.63
Girls	5.9 (4.7–7.3)	0.64
Race and Hispanic origin		
Non-Hispanic White	8.8 (7.4–10.3)	0.72
Non-Hispanic Black	2.6 (1.3–4.7)	0.80
Non-Hispanic Asian	3.0 (1.2–5.9)	1.08
Hispanic	5.6 (4.2–7.3)	0.77

NOTES: “Symptoms of concussion or brain injury” is a summary based on positive responses to any of the symptom questions (ever knocked out or lost consciousness; dazed or had a gap in memory; or headaches, vomiting, blurred vision, or changes in mood or behavior). Children could have more than one type of symptom; see Definitions for more information. Estimates are based on household interviews of a sample of the U.S. civilian noninstitutionalized population.

SOURCE: National Center for Health Statistics, National Health Interview Survey, 2020.

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Data table for Figure 3. Percentage of children aged 0–17 years who received a diagnosis of concussion or brain injury by a health care professional, by age group: United States, 2020

Received a diagnosis of concussion or brain injury by a health care professional	Percent (95% confidence interval)	Standard error
Total	3.9 (3.3–4.7)	0.35
0–5 years	0.9 (0.4–1.7)	0.28
6–11 years	2.1 (1.4–3.1)	0.42
12–17 years	8.3 (6.8–10.1)	0.83

NOTES: "Received a diagnosis of concussion or brain injury" is based on respondents who indicated that the Sample Child had ever been checked for a concussion or brain injury by a health care professional and received a diagnosis of concussion or brain injury; all children are included in the denominator. Estimates are based on household interviews of a sample of the U.S. civilian noninstitutionalized population.

SOURCE: National Center for Health Statistics, National Health Interview Survey, 2020.

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Data table for Figure 4. Percentage of children aged 0–17 years who received a diagnosis of concussion or brain injury by a health care professional, by sex and race and Hispanic origin: United States, 2020

Sex and race and Hispanic origin	Percent (95% confidence interval)	Standard error
Sex		
Boys	4.7 (3.7–5.8)	0.52
Girls	3.1 (2.3–4.0)	0.42
Race and Hispanic origin		
Non-Hispanic White	5.2 (4.2–6.3)	0.53
Non-Hispanic Black	1.5 (0.6–3.1)	0.56
Non-Hispanic Asian	1.1 (0.2–3.2)	0.64
Hispanic	3.1 (2.0–4.7)	0.66

NOTES: "Received a diagnosis of concussion or brain injury" is based on respondents who indicated that the Sample Child had ever been checked for a concussion or brain injury by a health care professional and received a diagnosis of concussion or brain injury; all children are included in the denominator. Estimates are based on household interviews of a sample of the U.S. civilian noninstitutionalized population.

SOURCE: National Center for Health Statistics, National Health Interview Survey, 2020.