

SUPPLEMENTARY TABLE 2. Behavioral and social drivers of COVID-19 vaccination among children and adolescents aged 5–17 years by race and ethnicity* and vaccination status, National Immunization Survey–Child COVID Module, United States, July 1–September 30, 2022

Central attitudes and experiences/Population	Racial and ethnic group, % [§] (95% CI)					
	Total (N = 26,961)	White, NH (Ref) [†] (N = 14,257)	Black, NH (N = 2,946)	Hispanic (N = 6,013)	Asian, NH (N = 1,430)	Other/multiple race, NH (N = 2,315)
Concern about child/adolescent getting COVID-19 (moderately to very concerned)						
All children/adolescents	33.7 (32.7–34.8)	26.1 (24.8–27.4)	46.0 (42.9–49.2) [¶]	41.7 (39.3–44.1) [¶]	42.3 (37.3–47.4) [¶]	34.8 (30.9–38.9) [¶]
Vaccinated	43.2 (41.7–44.7)	37.3 (35.3–39.2)	51.6 (47.3–55.8) [¶]	48.4 (45.1–51.6) [¶]	44.9 (39.2–50.7) [¶]	48.9 (42.8–55.0) [¶]
Unvaccinated, reachable ^{††}	43.8 (41.1–46.6)	37.4 (33.4–41.7)	53.9 (47.7–60.1) [¶]	45.7 (40.7–50.8) [¶]	NR**	42.8 (33.9–52.2)
Unvaccinated, reluctant ^{§§}	14.6 (13.2–16.1)	9.4 (8.1–10.9)	28.0 (22.8–33.9) [¶]	24.2 (19.9–29.2) [¶]	NR**	12.7 (8.8–17.9)
Confidence in vaccine safety (very to completely safe)						
All children/adolescents	50.3 (49.1–51.5)	51.7 (50.1–53.3)	46.0 (42.6–49.3) [¶]	48.3 (45.7–50.8) [¶]	65.6 (60.6–70.4) [¶]	48.0 (43.6–52.6)
Vaccinated	78.8 (77.5–80.1)	85.6 (84.1–86.9)	71.5 (67.5–75.2) [¶]	70.6 (67.5–73.6) [¶]	74.0 (69.0–78.5) [¶]	77.9 (71.9–82.9) [¶]
Unvaccinated, reachable ^{††}	40.2 (37.2–43.3)	45.0 (40.3–49.9)	33.4 (27.0–40.5) [¶]	37.7 (32.4–43.3) [¶]	NR**	NR**
Unvaccinated, reluctant ^{§§}	8.9 (7.5–10.5)	9.5 (7.7–11.6)	NR**	9.1 (6.2–13.2)	NR**	NR**
Confidence in vaccine importance (somewhat to very important)						
All children/adolescents	64.6 (63.5–65.7)	57.8 (56.2–59.3)	73.6 (70.5–76.5) [¶]	72.1 (69.8–74.3) [¶]	85.6 (81.6–88.9) [¶]	61.8 (57.5–66.0)
Vaccinated	93.1 (92.3–93.9)	93.1 (92.0–94.0)	93.8 (91.0–95.8)	92.0 (89.8–93.7)	96.1 (93.6–97.6) [¶]	93.7 (90.4–96.0)
Unvaccinated, reachable ^{††}	76.7 (74.2–78.9)	71.5 (67.4–75.3)	84.9 (80.2–88.6) [¶]	79.3 (75.1–83.0) [¶]	NR**	72.8 (62.4–81.1)
Unvaccinated, reluctant ^{§§}	16.8 (15.3–18.5)	12.9 (11.3–14.8)	26.2 (20.8–32.5) [¶]	24.7 (20.3–29.8) [¶]	NR**	12.9 (8.7–18.8)
Social norms: Many or almost all of family and friends have gotten a COVID-19 vaccine for their child/adolescent						
All children/adolescents	41.2 (40.1–42.3)	39.5 (38.0–41.0)	34.9 (31.9–38.0) [¶]	44.5 (42.1–47.0) [¶]	67.3 (62.2–72.1) [¶]	41.1 (36.8–45.4)
Vaccinated	72.9 (71.6–74.3)	75.0 (73.2–76.7)	63.8 (59.5–67.9) [¶]	72.0 (69.0–74.8)	82.0 (77.1–86.1) [¶]	71.3 (65.3–76.6)
Unvaccinated, reachable ^{††}	21.2 (18.9–23.6)	19.5 (16.2–23.2)	12.8 (8.8–18.2) [¶]	27.3 (22.8–32.3) [¶]	NR**	18.8 (12.8–26.8)
Unvaccinated, reluctant ^{§§}	6.4 (5.4–7.5)	6.0 (4.9–7.4)	7.9 (4.4–13.9)	6.3 (4.4–8.8)	NR**	7.7 (4.3–13.2)
Health care provider recommended vaccine						
All children/adolescents	45.4 (44.2–46.5)	45.5 (44.0–47.1)	44.1 (40.9–47.3)	44.7 (42.3–47.1)	52.6 (47.4–57.7) [¶]	45.7 (41.4–50.0)
Vaccinated	61.8 (60.3–63.3)	65.7 (63.7–67.6)	56.1 (51.7–60.4) [¶]	58.7 (55.4–61.9) [¶]	58.6 (52.6–64.4) [¶]	58.8 (52.6–64.7) [¶]
Unvaccinated, reachable ^{††}	35.9 (33.2–38.6)	34.7 (30.5–39.1)	38.1 (32.2–44.5)	36.4 (31.6–41.6)	NR**	33.8 (25.3–43.6)
Unvaccinated, reluctant ^{§§}	27.9 (25.9–29.9)	27.2 (24.8–29.7)	30.4 (24.2–37.3)	25.9 (21.7–30.7)	NR**	32.7 (25.7–40.5)
Child/adolescent's school required vaccine						
All children/adolescents	8.7 (8.1–9.3)	4.7 (4.1–5.4)	8.8 (7.4–10.4) [¶]	15.6 (14.0–17.4) [¶]	21.1 (17.3–25.4) [¶]	7.7 (5.6–10.5) [¶]
Vaccinated	16.9 (15.8–18.1)	9.3 (8.1–10.7)	18.7 (15.8–22.1) [¶]	28.6 (25.6–31.7) [¶]	28.0 (23.1–33.6) [¶]	15.7 (11.5–21.1) [¶]
Unvaccinated, reachable ^{††}	2.8 (2.1–3.9)	NR**	NR**	5.2 (3.4–7.8) [¶]	NR**	NR**
Unvaccinated, reluctant ^{§§}	0.8 (0.5–1.2)	NR**	NR**	NR**	NR**	NR**

Abbreviations: NH = non-Hispanic; NR = estimates not reported; PD = prevalence difference; Ref = referent group.

* Race and ethnicity of the child or adolescent was reported by the parent or guardian. Children and adolescents identified in this report as White, Black, Asian, or other or multiple races were reported by the parent or guardian as non-Hispanic. Children and adolescents identified as being of other or multiple races had more than one race category selected, or were identified as American Indian/Alaska Native, Native Hawaiian or other Pacific Islander. Children and adolescents identified as Hispanic might be of any race.

[†] Non-Hispanic White children and adolescents were chosen as the referent group for racial and ethnic comparisons in this report because this group has the largest population size and the most social advantage (<https://pubmed.ncbi.nlm.nih.gov/26599027/>).

[§] Weighted percentage.

[¶] Statistically significant (p<0.05) prevalence difference compared with non-Hispanic White children/adolescents.

** Estimates were suppressed as they did not meet standards for data reliability (confidence interval >20, relative standard error >30, or sample size <30).

^{††} Unvaccinated but reachable children and adolescents are defined as parents who responded that they definitely, probably will, or unsure if they will vaccinate their child.

^{§§} Unvaccinated children and adolescents with reluctant parents are defined by parents who responded that they definitely or probably will not vaccinate their child.