

Data Brief 407. Influenza Vaccination in the Past 12 Months Among Children Aged 6 Months–17 Years: United States, 2019

Figure 1. Percentage of children aged 6 months–17 years who had an influenza vaccination in the past 12 months, by age group: United States, 2019

| Age group | Percent (95% confidence interval) | Standard error |
|------------------|---|----------------|
| Total | 53.1 (51.7–54.4) | 0.70 |
| 6 months–4 years | 61.2 (58.5–63.8) | 1.33 |
| 5–11 years | 53.6 (51.3–55.8) | 1.14 |
| 12–17 years | 46.7 (44.6–48.9) | 1.09 |

NOTES: This analysis excludes approximately 2.1% of children with unknown influenza vaccination status. 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, 2019.

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Figure 2. Percentage of children aged 6 months–17 years who had an influenza vaccination in the past 12 months, by race and Hispanic origin and age group: United States, 2019

| Age group and race and Hispanic origin | Percent (95% confidence interval) | Standard error |
|--|-----------------------------------|----------------|
| Total | | |
| Non-Hispanic black | 44.5 (40.4–48.6) | 2.06 |
| Non-Hispanic white | 53.6 (51.8–55.5) | 0.94 |
| Hispanic | 54.5 (51.8–57.2) | 1.38 |
| 6 months–4 years: | | |
| Non-Hispanic black | 48.9 (40.3–57.5) | 4.24 |
| Non-Hispanic white | 64.1 (60.5–67.5) | 1.75 |
| Hispanic | 60.6 (55.1–66.0) | 2.72 |
| 5–11 years: | | |
| Non-Hispanic black | 47.8 (41.4–54.3) | 3.21 |
| Non-Hispanic white | 54.2 (51.1–57.3) | 1.54 |
| Hispanic | 54.8 (50.0–59.4) | 2.36 |
| 12–17 years: | | |
| Non-Hispanic black | 37.7 (31.6–44.2) | 1.49 |
| Non-Hispanic white | 45.8 (42.9–48.8) | 3.11 |
| Hispanic | 49.8 (45.5–54.0) | 2.15 |

NOTES: This analysis excludes approximately 2.1% of children with unknown influenza vaccination status. 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, 2019.

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Figure 3. Percentage of children aged 6 months–17 years who had an influenza vaccination in the past 12 months, by urbanization level and age group: United States, 2019

| Age group and urbanization level | Percent (95% confidence interval) | Standard error |
|----------------------------------|--------------------------------------|----------------|
| 6 months–4 years | | |
| Large central metro | 64.7 (60.1–69.2) | 2.28 |
| Large fringe metro | 64.6 (58.7–70.2) | 2.84 |
| Medium and small metro | 59.5 (54.8–64.1) | 2.31 |
| Nonmetropolitan | 51.8 (44.7–58.8) | 3.49 |
| 5–11 years | | |
| Large central metro | 54.7 (50.6–58.7) | 2.04 |
| Large fringe metro | 58.4 (53.9–62.8) | 2.22 |
| Medium and small metro | 50.7 (46.8–54.6) | 1.95 |
| Nonmetropolitan | 49.1 (42.6–55.7) | 3.27 |
| 12–17 years | | |
| Large central metro | 49.6 (45.4–53.8) | 2.09 |
| Large fringe metro | 49.9 (45.5–54.3) | 2.20 |
| Medium and small metro | 44.7 (40.7–48.8) | 2.01 |
| Nonmetropolitan | 40.3 (34.6–46.2) | 2.87 |

NOTES: This analysis excludes approximately 2.1% of children with unknown influenza vaccination status. Counties were classified into urbanization levels based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. 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, 2019.

Figure 4. Percentage of children aged 6 months–17 years who had an influenza vaccination in the past 12 months, by region: United States, 2019

| Geographic region | Percent (95% confidence interval) | Standard error |
|--------------------|--------------------------------------|----------------|
| New England | 65.3 (59.1–71.1) | 2.97 |
| Middle Atlantic | 55.5 (51.1–59.8) | 2.19 |
| East North Central | 51.7 (48.4–55.0) | 1.66 |
| West North Central | 58.6 (52.1–64.8) | 3.17 |
| South Atlantic | 49.6 (46.2–53.0) | 1.69 |
| East South Central | 47.9 (43.3–52.5) | 2.29 |
| West South Central | 51.6 (47.6–55.6) | 2.00 |
| Mountain | 51.6 (46.6–56.6) | 2.48 |
| Pacific | 54.5 (51.4–57.5) | 1.53 |

NOTES: This analysis excludes approximately 2.1% of children with unknown influenza vaccination status. The New England region includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. The Middle Atlantic region includes the District of Columbia, Delaware, Maryland, New Jersey, New York, and Pennsylvania. The East North Central region includes Illinois, Indiana, Michigan, Ohio, and Wisconsin. The West North Central region includes Iowa, Kansas, Minnesota, Missouri, North Dakota, Nebraska, and South Dakota. The South Atlantic region includes Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia. The East South Central region includes Alabama, Kentucky, Mississippi, and Tennessee. The West South Central region includes Arkansas, Louisiana, Oklahoma, and Texas. The Mountain region includes Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, and Wyoming. The Pacific region includes Alaska, California, Hawaii, Oregon, and Washington. 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, 2019.