

National and State Vaccination Coverage Among Adolescents Aged 13 Through 17 Years — United States, 2010

The Advisory Committee on Immunization Practices (ACIP) recommends that adolescents routinely receive meningococcal conjugate (MenACWY, 2 doses); tetanus, diphtheria, acellular pertussis (Tdap, 1 dose); and human papillomavirus (HPV, 3 doses) vaccines (influenza vaccine is recommended annually for all persons aged 6 months and older) (1). CDC tracks vaccination coverage among adolescents aged 13 through 17 years through the National Immunization Survey-Teen (NIS-Teen). To provide updated vaccination coverage estimates, CDC analyzed 2010 NIS-Teen data and compared results with 2009 NIS-Teen estimates (2). This report summarizes the results of that analysis, which found that coverage increased for all three of the routinely administered adolescent vaccines: Tdap from 55.6% to 68.7%, MenACWY from 53.6% to 62.7%, (among females) ≥ 1 dose of HPV from 44.3% to 48.7%, and ≥3 doses of HPV from 26.7% to 32.0%. Vaccination coverage varied widely among states; three states (Massachusetts, Rhode Island, and Washington) had coverage of >65% for ≥1 dose of all three vaccines (Tdap, MenACWY, and HPV). Continued evaluation of vaccination-promoting initiatives, including state vaccination-financing policies, is needed to understand their impact on adolescent vaccination and to promote effective practices.

Since 2006, NIS-Teen has collected vaccination and sociodemographic information from parents or guardians regarding adolescents aged 13 through 17 years* in the 50 states, the District of Columbia, selected local areas,[†] and the U.S. Virgin Islands, using a random-digit–dialed sample of telephone numbers of households. After securing permission to contact vaccination providers, survey staff members mail

questionnaires to obtain vaccination histories from the medical record. In 2010, the Council of American Survey Research Organizations (CASRO) response rate[§] for NIS-Teen was 58.0%. A total of 19,488 adolescents with provider-verified vaccination records were included in this analysis, representing 59.2% of all adolescents with completed household interviews. A total of 19,257 adolescents (10,037 males and 9,220 females) were included in the national estimates; 231 adolescents from the U.S. Virgin Islands were excluded. NIS-Teen methods, including weighting procedures, have been described previously.[¶] Differences in vaccination coverage were evaluated using t-tests and were considered statistically significant at $p \le 0.05$.

Vaccination coverage among adolescents aged 13 through 17 years has increased since 2006, although the rate of increase

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^{*} Eligible participants were born during January 1992–February 1998.

[†] Six local areas that received federal immunization grants were sampled separately: District of Columbia; Chicago, Illinois; New York, New York; Philadelphia County, Pennsylvania; Bexar County, Texas; and Houston, Texas. Two other local areas were chosen for oversampling: Dallas County, Texas; and El Paso County, Texas.

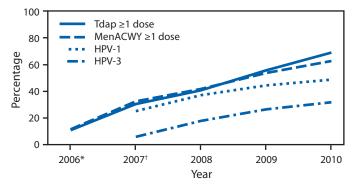
[§] The CASRO response rate is the product of three other rates: 1) the resolution rate, which is the proportion of telephone numbers that can be identified as either for a business or residence; 2) the screening rate, which is the proportion of qualified households that complete the screening process; and 3) the cooperation rate, which is the proportion of contacted eligible households for which a completed interview is obtained.

⁹ Information available at ftp://ftp.cdc.gov/pub/health_statistics/nchs/dataset_documentation/nis/nisteenpuf09_dug.pdf.

has differed among the three routinely administered vaccines. From 2007 to 2010, the average annual percentage-point increases for ≥ 1 dose of Tdap (12.8 points, 95% confidence interval [CI] = 12.1–13.4) and ≥ 1 dose of MenACWY (10.1 points, CI = 9.5–10.7) were significantly greater than that for ≥ 1 dose of HPV (7.9 points, CI = 7.0–8.7) (p ≤ 0.05) (Figure).

From 2009 to 2010, vaccination coverage increased for all three vaccines. Tdap coverage increased from 55.6% to 68.7%, MenACWY from 53.6% to 62.7%, (among females) ≥ 1 dose of HPV from 44.3% to 48.7%, and ≥3 doses of HPV from 26.7% to 32.0% (Table 1). At least 24 weeks between the first and third doses of the HPV vaccine are needed to complete the series (1). Among females who initiated the HPV series, 94.3% met the minimum period needed to complete the series before the interview. Of these, 69.6% received ≥ 3 doses. Among adolescent males, 1.4% (CI = 1.1–1.8) received ≥ 1 dose of HPV. Aside from vaccination with HPV, no significant differences in vaccination coverage were observed between males and females. Among vaccines either administered during childhood or as catch-up vaccinations, coverage among adolescents aged 13 through 17 years with ≥ 2 doses of measles, mumps, and rubella; ≥ 3 doses of hepatitis B; and ≥ 2 doses of varicella vaccine (in persons with no history of disease) increased from 2009 to 2010.

By race/ethnicity, no differences were observed in coverage with ≥ 1 dose of Tdap; however, differences were observed by poverty status (Table 2). For ≥ 1 dose of MenACWY, coverage was higher among Hispanics than among whites; however, no FIGURE. Estimated vaccination coverage among adolescents aged 13 through 17 years, National Immunization Survey–Teen (NIS-Teen), 2006–2010



Abbreviations: Tdap = tetanus, diphtheria, acellular pertussis vaccine; MenACWY = meningococcal conjugate vaccine; HPV-1 = human papillomavirus vaccine, ≥ 1 dose; HPV-3 = human papillomavirus, ≥ 3 doses.

* Tdap and MenACWY vaccination recommendations were published in March and October 2006, respectively.

[†] HPV vaccination recommendations were published in March 2007.

differences were observed in coverage by poverty status. For HPV, patterns differed by racial/ethnic group and poverty status depending on the measure of HPV vaccination coverage used. HPV initiation among whites was lower than among Hispanics and American Indian/Alaskan Natives; receipt of ≥ 3 HPV doses among those who initiated the series was lower among blacks and Hispanics than among whites. A difference was not observed in coverage by poverty status for ≥ 1 dose of HPV; however, coverage with ≥ 3 doses of HPV was lower

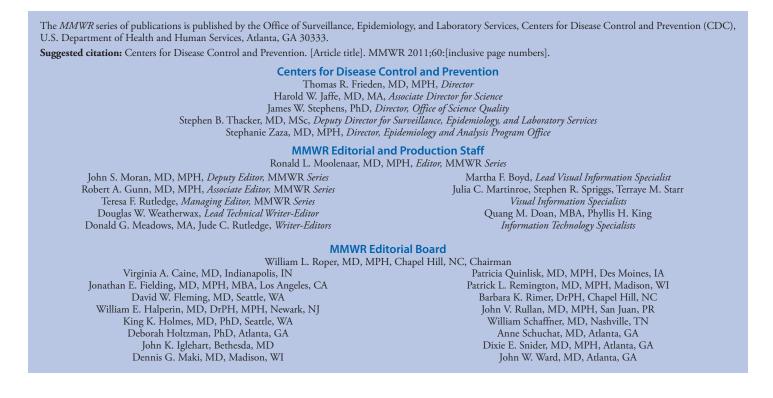


TABLE 1. Estimated vaccination coverage among adolescents aged 13 through 17 years,* by age at interview and selected vaccines and doses — National Immunization Survey–Teen (NIS-Teen), United States, 2010

					Age at i	nterview (yrs)						Over	rall	
	13 (r	n = 3,914)	14	(n = 3,918)	15	(n = 3,942)	16	(n = 3,959)	17	(n = 3,524)	2010) (N = 19,257)	2009	(N = 20,066)
Vaccine and dose	%	(95% CI†)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Td or Tdap [§]														
≥1 dose Td or Tdap since age 10 yrs	78.0	(75.5–80.3)	82.5	(80.4–84.4) [¶]	82.2	(80.1–84.2) [¶]	82.2	(80.1–84.2) [¶]	81.0	(78.7–83.2)	81.2	(80.2-82.2)**	76.2	(75.1–77.2)
≥1 dose Tdap since age10 yrs	73.7	(71.2–76.2)	77.2	(74.8–79.3) [¶]	72.0	(69.5–74.3)	65.4	(62.6–68.1) [¶]	54.6	(51.7–57.4)¶	68.7	(67.5–69.8)**	55.6	(54.3–56.8)
MenACWY ^{††} ≥1 dose	63.8	(61.1–66.5)	66.6	(64.0–69.1)	64.0	(61.4–66.5)	61.8	(58.9–64.5)	57.1	(54.2–60.0) [¶]	62.7	(61.5–63.9)**	53.6	(52.4–54.9)
HPV ^{§§}														
≥1 dose	38.9	(34.9-43.1)	48.5	(44.5–52.6) [¶]	51.1	(47.0–55.3) [¶]	51.7	(47.8–55.7) [¶]	53.1	(49.1–57.1) [¶]	48.7	(46.9–50.5)**	44.3	(42.4–46.1)
≥3 doses	23.2	(20.1–26.6)	30.5	(26.9–34.3) [¶]	31.9	(28.3-35.6)¶	36.9	(33.2–40.8) [¶]	37.5	(33.7–41.5) [¶]	32.0	(30.3–33.6)**	26.7	(25.2–28.3)
3-dose series completion ^{¶¶}	64.1	(55.9–71.5)	68.2	(61.7–74.0)	65.6	(59.4–71.3)	74.3	(69.4–78.7) [¶]	74.6	(68.8–79.6) [¶]	69.6	(66.8–72.2)	67.5	(64.4–70.5)
MMR*** ≥2 doses	93.2	(91.9–94.3)	91.0	(88.9–92.8)	90.3	(88.4–92.0) [¶]	89.2	(86.8–91.1) [¶]	88.6	(86.3–90.5) [¶]	90.5	(89.6–91.3)**	89.1	(88.3–89.9)
Hepatitis B ≥3 doses	94.8	(93.7–95.8)	93.0	(91.0–94.6)	91.6	(89.7–93.1) [¶]	90.1	(87.7–92.0) [¶]	88.6	(86.5–90.4) [¶]	91.6	(90.8–92.4)**	89.9	(89.2–90.6)
Varicella														
History of varicella disease ^{†††}	28.5	(25.9–31.2)	34.5	(31.9–37.3) [¶]	44.3	(41.6–47.1) [¶]	53.8	(50.8–56.9) [¶]	62.6	(59.7–65.4) [¶]	44.7	(43.5–46.0)**	52.7	(51.4–54.0)
≥1 dose vaccine if had no history of disease	96.4	(95.4–97.2)	93.2	(91.5–94.6) [¶]	90.0	(87.5–92.0) [¶]	85.0	(80.5–88.5)¶	82.2	(78.4–85.4)¶	90.5	(89.4–91.5)**	87.0	(85.7–88.3)
≥2 doses vaccine if had no history of disease	65.8	(62.8–68.8)	64.3	(61.0–67.5)	56.4	(52.8–59.9) [¶]	50.7	(45.8–55.6) [¶]	44.2	(39.5–49.0) [¶]	58.1	(56.4–59.8)**	48.6	(46.6–50.6)
History of disease or received ≥2 doses varicella vaccination	75.6	(73.2–77.8)	76.6	(74.3–78.8)	75.7	(73.3–78.0)	77.2	(74.4–79.8)	79.1	(76.4–81.7) [¶]	76.8	(75.7–77.9)	75.7	(74.6–76.8)

* Adolescents (N = 19,257) in 2010 NIS-Teen were born during January 1992–February 1998.

[†] Confidence interval. Estimates with confidence interval widths >20 might not be reliable.

[§] Includes percentages receiving tetanus and diptheria toxoid vaccine (Td) since age 10 years, or tetanus toxoid, reduced diptheria toxoid, and acellular pertussis (Tdap), or tetanus–unknown type vaccine since age 10 years.

I Statistically significant difference at p≤0.05 in estimated vaccination coverage. Reference group was age 13 years.

** Statistically significant difference compared with 2009 NIS-Teen overall estimates (p≤0.05).

⁺⁺ Includes percentages receiving meningococcal conjugate vaccine (MenACWY) or meningococcal-unknown type vaccine.

§§ ≥1 dose of human papillomavirus vaccine, either quadrivalent or bivalent. Percentage reported among females only (n = 9,220).

19 Percentage of females who received 3 doses among those who had at least 1 HPV dose and at least 24 weeks between the first dose and the interview date.

*** ≥2 doses of measles, mumps, and rubella vaccine.

⁺⁺⁺ By parent/guardian report or provider records.

among those living below the poverty level than those living at or above the poverty level.

Coverage estimates varied by state and reporting area (Table 3), with rates ranging from 29.0% (Mississippi) to 87.9% (New Hampshire) for ≥ 1 dose of Tdap and from 26.0% (Mississippi) to 89.5% (District of Columbia) for ≥ 1 dose of MenACWY. Among females, coverage estimates ranged from 28.8% (Idaho) to 73.0% (Rhode Island) for ≥ 1 dose of HPV and from 17.6% (Idaho) to 55.1% (Rhode Island) for ≥ 3 doses of HPV. Three states (Massachusetts, Rhode Island, and Washington) had coverage of >65% for ≥ 1 dose of all three routinely administered adolescent vaccines (Tdap, MenACWY, and HPV). Coverage for the three adolescent vaccines was significantly lower among adolescents living in the southeastern United States compared with adolescents living in other regions.

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Editorial Note

In 2010, vaccination coverage among adolescents aged 13 through 17 years increased from coverage in 2009; however, the percentage-point increase in ≥ 1 dose of HPV among females (4.4 points) was less than half the increase observed for ≥ 1 dose of Tdap (13.1) and ≥ 1 dose of MenACWY (9.1). As in previous years, coverage with ≥ 1 dose of HPV was higher among older compared with younger adolescent females. Among females with adequate time to complete the series, 30.4% had not done so. HPV completion rates were lower among certain populations (i.e., blacks, Hispanics, and those living below poverty) known to have higher cervical cancer rates (3). Although HPV vaccination is only universally recommended for females aged 9 through 26 years, 2009 ACIP guidance states that HPV vaccination may be administered to males aged 9

						Race/Eth	nicity							Poverty	status	
	non	White, -Hispanic = 13,223)		Black, n-Hispanic = 1,982)		Hispanic n = 2,469)	Ala	ican Indian/ ska Native, n-Hispanic n = 253)		Asian, n-Hispanic n = 516)		Other 1 = 814)	pov	Below verty level = 2,723)	pov	or above erty level = 15,731)
Vaccine	%	(95% CI) [¶]	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Td or Tdap**																
≥1 dose Td or Tdap since age 10 yrs	80.9	(79.8–81.9)	80.5	(77.8–83.0)	82.4	(79.4–85.1)	82.7	(74.9–88.4)	85.8	(77.9–91.2)	79.4	(73.8–84.1)	76.8	(73.7–79.6)††	82.2	(81.2–83.2)
≥1 dose Tdap since age 10 yrs	68.6	(67.3–69.9)	66.9	(63.5–70.2)	69.6	(66.1–73.0)	68.4	(58.4–76.9)	74.4	(66.2–81.2)	66.8	(61.0–72.1)	64.7	(61.3–68.0)††	69.5	(68.3–70.7)
MenACWY 1 dose ^{§§}	61.2	(59.8–62.5)	63.4	(59.8–66.8)	66.1	(62.5–69.6)††	62.4	(52.1–71.6)	71.6	(62.2–79.4)	58.8	(52.9–64.4)	62.0	(58.5–65.2)	62.9	(61.6-64.2)
HPV ^{¶¶}																
≥1 dose	45.8	(43.8–47.9)	48.9	(43.8–54.1)	56.2	(50.6–61.6)††	64.8	(46.6–79.5)††	50.1	(38.2–61.9)	52.3	(44.0-60.5)	51.8	(46.8–56.8)	47.7	(45.7–49.6)
≥3 doses	32.4	(30.6-34.2)	30.2	(25.5–35.4)	29.5	(25.0-34.4)	40.5	(26.7–56.0)	39.8	(28.3–52.5)	37.3	(29.9–45.3)	28.2	(24.2-32.4)**	32.9	(31.1–34.7)
3-dose series completion***	74.7	(71.6–77.5)	65.4	(57.5–72.5)††	56.1	(48.5–63.5)††	64.0	(45.6–79.1)	86.0	(75.4–92.5)††	75.4	(62.7–84.8)	57.3	(50.1–64.2)††	73.2	(70.3–76.0)
≥2 MMR ^{†††}	91.6	(90.7–92.4)	90.8	(88.7–92.6)	86.2	(82.9–88.9)††	92.1	(86.2–95.6)	93.8	(90.8–95.9)	89.9	(85.2–93.2)	87.8	(84.9–90.1)††	91.1	(90.3–92.0)
Hepatitis B ≥3 doses	92.7	(91.8–93.4)	90.9	(88.8–92.6)	88.9	(85.8–91.3)††	92.8	(87.2–96.1)	93.6	(90.2–95.8)	90.0	(85.3–93.3)	89.0	(86.2–91.3)††	92.4	(91.6–93.1)
Varicella																
History of varicella disease ^{§§§}	47.0	(45.6–48.3)	40.0	(36.4–43.7)††	42.9	(39.2–46.7)††	51.3	(40.8–61.6)	35.9	(27.8–44.9)††	43.3	(37.7–49.0)	43.9	(40.4–47.5)	45.1	(43.7–46.4)
Among adolescents without history of disease:																
≥1 dose vaccine	91.2	(90.1–92.1)	89.2	(85.8–91.9)	90.6	(86.7–93.4)	88.0	(75.2–94.6)	89.7	(81.4–94.5)	85.9	(76.8–91.8)	86.7	(82.7–89.9)††	91.2	(90.2–92.2)
≥2 dose vaccine	59.2	(57.3–61.0)	55.3	(50.2–60.3)	56.2	(51.0–61.2)	58.7	(43.9–72.1)	62.9	(52.7–72.2)	59.2	(51.4–66.6)	53.8	(48.7–58.7)	58.9	(57.1–60.7)
History of disease or received ≥2 dose varicella vaccination	78.3	(77.2–79.4)	73.2	(69.8–76.4)††	75.0	(71.4–78.2)	79.9	(69.5–87.3)	76.3	(68.3–82.7)	76.9	(71.4–81.6)	74.1	(70.8–77.1) ^{††}	77.4	(76.3–78.5)

TABLE 2. Estimated vaccination coverage among adolescents aged 13 through 17 years,* by race/ethnicity,[†] poverty status,[§] and selected vaccines and doses — National Immunization Survey–Teen (NIS-Teen), United States, 2010

* Adolescents (N = 19,257) in the 2010 NIS-Teen were born during January 1992-February 1998.

⁺ Respondents who self-identified as Hispanic were of any race. Respondents who self-identified as white, black, Asian, or American Indian/Alaska Native were all considered non-Hispanic. Native Hawaiian, other Pacific Islanders and persons of multiple races were categorized as Other.

⁵ Adolescents were classified as below poverty level if their total family income was less than the federal poverty level specified for the applicable family size and number of children aged <18 years. All others were classified as at or above the poverty level. Additional information available at http://www.census.gov/hhes/www/poverty.html. Poverty status was unknown for 792 adolescents.

[¶] Confidence interval. Estimates with confidence interval widths >20 might not be reliable.

** Includes ≥1 dose of tetanus toxoid-diphtheria vaccine (Td) since age 10 years, or tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since age 10 years.

⁺⁺ Statistically significant difference at p≤0.05 in estimated vaccination coverage. For race/ethnicity, referent group was white, non-Hispanic adolescents; for poverty status, referent group was at or above poverty level.

§§ Includes percentages receiving meningococcal conjugate vaccine (MenACWY) and meningococcal-unknown type vaccine.

^{¶¶} ≥1 dose of human papillomavirus vaccine, either quadrivalent or bivalent. Percentage reported among females only (n = 9,220).

*** Percentage of females who received 3 doses among those who had at least 1 HPV dose and at least 24 weeks between the first dose and the interview date.

ttt Includes ≥ 2 doses of measles, mumps, rubella vaccine.

§§§ By parent/guardian report or provider records.

through 26 years. Only 1.4% of males aged 13 through 17 years received the vaccine in 2010.

As in previous years, adolescent vaccination coverage varied widely among states and other reporting areas, which could reflect differing vaccination-promotion initiatives among local health agencies and communities. Common initiatives among the three states with the highest vaccination coverage (Massachusetts, Rhode Island, and Washington) included strong working relationships and communication between state immunization programs and vaccination providers, local professional organizations, and schools; school vaccination requirements; and promotion of the use of reminder/recall systems (CDC, unpublished data, 2011). Additional factors that might play an important role in vaccination coverage include vaccine financing, health-care infrastructure, local outbreaks, and communication efforts leading to increased consumer demand.

Analysis of 2009 NIS-Teen data found that middle school vaccination requirements for Tdap or MenACWY were associated with higher coverage for these vaccines; however, adolescents living in states with a middle school vaccination requirement for at least one adolescent vaccine did not have significantly higher coverage with all three recommended adolescent vaccines compared with adolescents living in states with no vaccination requirements (4). The number of states with middle school requirements increased from the 2009–10 to the 2010–11 school year (i.e., 37 required a tetanus

			Vac	cine dose	es rou	tinely reco	mmer	nded for a	doleso	ents			Va	ccine dos		itinely reco lescent cat			g chilo	lhood
	sin	ld or Tdap ce age 10 years [†]	sin	l Tdap ce age years	≥1 M	enACWY [§]	_≥1	HPV [¶]	≥3	HPV**		se series pletion ^{††}	≥2	//MR ^{§§}	≥3	НерВ ^{¶¶}	≥1	VAR***	≥2	VAR ^{†††}
State/Area	%	(95% CI) ^{§§§}	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% Cl)	%	(95% CI)
United States	81.2	(±1.0)	68.7	(±1.2)	62.7	(±1.2)	48.7	(±1.8)	32.0	(±1.6)	69.6	(±2.7)	90.5	(±0.8)	91.6	(±0.8)	90.5	(±1.1)	58.1	(±1.7)
Alabama	79.4	(±5.1)	68.4	(±6.2)	47.7	(±6.5)	45.8	(±9.2)	20.0	(±7.0)	47.4	(±13.6)	93.5	(±3.3)	89.3	(±4.1)	88.7	(±5.9)	43.5	(±8.7)
Alaska	76.2	(±5.4)	63.9	(±6.2)	40.9	(±6.4)	40.8	(±9.2)	25.0	(±8.1)	63.4	(±13.5)	87.8	(±4.5)	89.0	(±4.2)	76.6	(±8.1)	44.7	(±9.2)
Arizona	88.1	(±4.1)	76.5	(±5.7)	78.9	(±5.3)	52.8	(±9.4)	33.1	(±9.1)	67.0	(±12.4)	84.5	(±4.6)	85.4	(±5.0)	91.0	(±5.3)	64.5	(±8.3)
Arkansas	55.0	(±6.5)	43.0	(±6.6)	30.9	(±6.2)	37.9	(±10.0)	19.6	(±7.5)	63.4	(±20.7)	89.2	(±3.8)	90.6	(±3.7)	89.3	(±4.9)	27.4	(±7.4)
California	81.2	. ,	71.2	(±5.7)	66.7	(±6.0)	56.1	(±9.1)	32.0	(±8.1)	61.0	(±12.3)	87.9	(±4.8)	89.0	(±4.6)	90.8	(±5.2)	57.3	(±8.4)
Colorado	89.6	. ,	85.7	(±4.3)	59.6	(±6.4)	52.5	(±9.0)	40.9	(±8.8)	81.6	(±9.9)	92.6	(±3.3)	93.1	(±2.9)	94.8	(±3.2)	65.3	(±7.8)
Connecticut	91.1		76.2	(±5.0)	72.0	(±5.4)	57.9	(±8.3)	45.5	(±8.5)	83.2	(±9.6)	97.6	(±2.0)	97.1	(±2.4)	98.1	(±1.8)	79.5	(±6.7)
Delaware	81.6	. ,	65.5	(±5.9)	71.2	(±5.9)	63.9	(±8.7)	40.4	(±9.1)	68.6	(±12.3)	94.1	(±2.0) (±3.1)	92.1	(±3.6)	88.2	(±6.2)	67.8	(±7.7)
District of Columbia	89.7		71.6	(±5.6)	89.5	(±3.9)	57.5	(±8.8)	33.8	(±9.1) (±8.2)	62.7	(±12.3) (±11.4)	98.4	(±3.1) (±1.2)	98.5	(±3.0) (±1.2)	97.5	(±0.2) (±1.8)	84.9	(± 7.7) (±5.3)
Florida	89.8	(61.9	(±5.0) (±6.4)	55.1	(±5.6) (±6.6)	41.1	(±0.0) (±10.1)	24.9	(±0.2) (±9.1)	62.0	(±11.4) (±15.6)	94.2	(±1.2) (±3.5)	96.8	(±1.2) (±2.3)	89.4	(±1.8) (±6.9)	44.5	(±3.3) (±8.7)
Georgia	78.8	. ,	62.2	(±0.4) (±5.9)	63.5	(±0.0) (±5.8)	43.5	(±10.1) (±7.9)	24.9	(±9.1) (±6.0)	56.2	(±13.0) (±12.7)	94.2	(±3.3) (±2.4)	90.8 95.1	(±2.3) (±2.4)	93.9	(±0.9) (±4.1)	75.0	(±0.7) (±7.1)
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Hawaii	78.6	. ,	58.1	(±6.2)	64.5	(±5.9)	62.7	(±9.5)	39.9	(±9.2)	70.9	(±10.9)	93.7	(±2.9)	93.9	(±2.9)	95.6	(±3.1)	65.2	(±7.3)
Idaho	58.0	. ,	49.2	(±6.2)	40.8	(±6.0)	28.8	(±7.9)	17.6	(±6.8)	66.1	(±15.5)	84.2	(±4.6)	90.0	(±3.7)	76.6	(±8.5)	42.8	(±10.1)
Illinois	78.4		66.2	(±4.7)	56.6	(±4.9)	39.7	(±6.6)	26.0	(±5.8)	72.2	(±9.1)	93.7	(±2.2)	95.3	(±1.8)	87.2	(±4.7)	52.5	(±6.8)
City of Chicago	76.6	. ,	69.5	(±6.0)	63.8	(±6.2)	50.6	(±9.2)	28.4	(±8.8)	62.0	(±13.9)	88.8	(±4.1)	89.0	(±4.1)	86.4	(±5.7)	62.4	(±8.1)
Rest of state	78.9	(65.4	(±5.7)	54.7	(±5.9)	36.8	(±7.8)	25.3	(±7.0)	75.8	(±11.2)	95.0	(±2.6)	97.0	(±1.9)	87.4	(±5.7)	49.8	(±8.4)
Indiana	79.8	. ,	72.3	(±5.8)	70.6	(±5.9)	37.0	(±8.2)	24.8	(±7.2)	77.6	(±12.5)	92.6	(±3.2)	93.9	(±3.0)	85.8	(±6.7)	58.1	(±9.9)
lowa	70.8	. ,	64.2	(±6.4)	53.7	(±6.6)	48.2	(±9.5)	36.2	(±8.9)	79.4	(±11.0)	83.0	(±5.2)	87.4	(±4.4)	84.2	(±7.9)	38.5	(±10.0)
Kansas	81.9	. ,	76.8	(±4.7)	50.2	(±5.7)	40.2	(±8.5)	25.1	(±7.2)	62.9	(±14.5)	91.3	(±3.2)	88.2	(±3.7)	88.4	(±5.1)	65.6	(±7.9)
Kentucky	86.1	(±4.3)	53.1	(±6.3)	44.8	(±6.2)	40.1	(±9.2)	27.3	(±7.9)	75.5	(±14.1)	93.0	(±3.3)	94.4	(±3.1)	86.1	(±6.1)	40.7	(±8.7)
Louisiana	84.9	(±4.2)	69.3	(±5.6)	78.6	(±5.0)	54.2	(±9.2)	39.3	(±9.1)	74.4	(±10.9)	92.6	(±3.5)	94.1	(±3.0)	84.4	(±6.8)	63.9	(±8.5)
Maine	78.4	(±5.6)	63.2	(±6.3)	56.4	(±6.4)	54.6	(±9.5)	32.9	(±8.8)	65.2	(±12.5)	93.7	(±3.3)	89.3	(±4.3)	91.7	(±5.5)	58.0	(±8.6)
Maryland	79.0	(±5.5)	61.2	(±6.4)	68.9	(±6.1)	41.6	(±9.4)	30.8	(±8.6)	76.5	(±12.3)	95.1	(±2.5)	96.9	(±1.9)	97.6	(±1.8)	59.4	(±7.8)
Massachusetts	95.8	(±2.8)	82.4	(±5.2)	82.9	(±5.3)	65.9	(±8.9)	46.8	(±10.0)	71.1	(±13.0)	93.7	(±4.5)	95.7	(±2.8)	98.6	(±1.4)	74.7	(±7.4)
Michigan	81.6	(±5.0)	66.2	(±6.3)	70.9	(±6.0)	49.4	(±10.0)	25.2	(±7.9)	52.7	(±14.5)	93.6	(±3.7)	94.6	(±3.3)	97.4	(±2.5)	64.3	(±8.4)
Minnesota	93.2	(±3.2)	70.3	(±5.9)	57.0	(±6.3)	51.3	(±9.4)	37.8	(±9.0)	80.1	(±11.8)	93.5	(±3.5)	92.8	(±3.5)	92.7	(±4.0)	68.0	(±8.0)
Mississippi	34.6	(±5.7)	29.0	(±5.5)	26.0	(±5.4)	34.0	(±8.3)	20.0	(±7.2)	62.8	(±15.1)	87.8	(±4.5)	83.2	(±4.7)	69.4	(±8.2)	24.7	(±7.8)
Missouri	76.3	(±5.3)	66.0	(±5.8)	49.2	(±5.9)	41.4	(±8.2)	25.5	(±6.9)	66.0	(±13.7)	88.1	(±3.9)	90.9	(±3.3)	76.9	(±6.9)	44.3	(±7.8)
Montana	84.5	. ,	76.1	(±5.1)	40.2	(±5.9)	45.5	(±8.9)	33.2	(±8.7)	77.3	(±10.7)	88.8	(±4.0)	84.4	(±4.6)	82.9	(±6.9)	41.4	(±9.0)
Nebraska	82.7	. ,	70.3	(±5.9)	65.7	(±6.2)	52.3	(±9.5)	42.5	(±9.5)	84.0	(±8.8)	92.8	(±3.2)	92.8	(±3.3)	92.5	(±4.8)	59.8	(±9.6)
Nevada	80.6	()	68.3	(±5.9)	54.2	(±6.2)	47.4	(±8.7)	25.9	(±7.6)	60.2	(±13.5)	88.8	(±4.2)	92.2	(±3.0)	86.0	(±5.9)	53.6	(±8.3)
New Hampshire	95.9	. ,	87.9	(±3.9)	73.8	(±0.2) (±5.4)	49.6	(±0.7) (±8.2)	42.2	(±7.0) (±8.1)	87.1	(±13.3) (±7.8)	97.2	(±1.9)	96.9	(±2.0)	97.5	(±2.6)	76.8	(±0.0)
New Jersey	85.3	. ,	68.9	(±5.9) (±6.0)	81.7	(±5.2)	35.4	(±0.2) (±9.0)	25.4	(±0.1) (±7.5)	76.2	(±7.6) (±16.6)	92.6	(±1.5) (±3.5)	95.4	(±2.0) (±3.2)	91.0	(±2.0) (±5.4)	62.2	(±7.0) (±8.1)
New Mexico	88.8	. ,	71.8	(±0.0) (±5.7)	52.9	(±5.2) (±6.2)	48.4	(±9.0) (±8.4)	25.4 31.1	(±7.5) (±7.9)	70.2 67.6	(±10.0) (±12.7)	92.0 85.8	(±3.3) (±4.8)	95.4 86.4	(±3.2) (±4.7)	91.0 83.6	(±3.4) (±7.0)	62.2 55.7	(±8.1) (±8.6)
New York		. ,					40.4 56.2	· /	39.7					(±4.6) (±2.6)			85.0 94.8			
	90.9		82.9	(±3.5)	71.2	(±4.5)		(±6.6)		(±6.6)	76.9	(±9.1)	94.4	· · · /	94.9	(±2.2)		(±2.9)	61.6	(±5.8)
City of New York	92.9		82.0	(±4.6)	75.5	(±5.4)	62.7	(±8.1)	42.4	(±8.7)	72.7	(±11.1)	94.5	(±3.0)	93.8	(±3.1)	95.0	(±3.2)	66.7	(±7.3)
Rest of state	89.6	. ,	83.6	(±4.8)	68.4	(±6.5)	52.0	(±9.6)	37.9	(±9.3)	80.4	(±13.8)	94.4	(±3.8)	95.6	(±3.0)	94.6	(±4.5)	58.0	(±8.5)
North Carolina	77.8	()	67.7	(±5.7)	52.4	(±6.0)	51.9	(±9.1)	39.3	(±9.1)	80.2	(±10.6)	85.7	(±4.3)	89.2	(±3.6)	80.0	(±6.1)	52.1	(±8.0)
North Dakota	88.4	(±4.0)	83.1	(±4.7)	76.8	(±5.1)	41.7	(±8.4)	26.3	(±7.2)	67.4	(±13.2)	94.2	(±2.9)	96.6	(±1.9)	90.7	(±5.3)	63.6	(±9.1)

TABLE 3. Estimated vaccination coverage among adolescents aged 13 through 17 years,* by state and selected area and selected vaccines and doses — National Immunization Survey–Teen (NIS-Teen), United States, 2010

See table footnotes on page 1122.

booster, 31 specified Tdap, and 10 required MenACWY) and likely contributed to increases in Tdap and MenACWY coverage (5). The District of Columbia and Virginia are the only reporting areas with middle school HPV vaccination requirements (4), which might have contributed to the increase in HPV vaccination in those areas over the past 2 years. Missed vaccination opportunities occur when adolescents receive middle school–required vaccines but not other ACIP-recommended vaccines. Further study is needed to understand and address barriers to providing all recommended vaccines during the same visit.

The findings in this report are subject to at least four limitations. First, NIS-Teen is a landline telephone survey, although studies have shown no evidence of bias after adjusting sampling weights for noncoverage of households without landline telephones (6). During the fourth quarter of 2010, NIS-Teen sampled telephone numbers from a cellular-telephone sampling frame.** Differences between landline only and dualframe coverage estimates ranged from -0.6 to 0.6 percentage points. Second, the household response rate was 58.0%, and only 59.2% of those with completed household interviews also

^{**} Participants were eligible for interview from the cellular-telephone sampling frame if their household was cellular-telephone-only (i.e., household with access to a cellular telephone but not a landline telephone) or cellulartelephone-mainly (i.e., household containing both a cellular telephone and a landline telephone, but not at all likely or somewhat unlikely to answer the landline telephone if it rang).

			Vac	cine dos	es rou	tinely reco	ommer	nded for a	dolesce	ents			Va	ccine dos		itinely reco lescent cat		nded durin vaccines)	g child	hood
	sinc	d or Tdap :e age 10 /ears [†]	sin	l Tdap ce age years	≥1 M	enACWY [§]	≥1	HPV [¶]	≥3	HPV**		se series pletion ^{††}	≥2 №	//MR ^{§§}	≥3	HepB ^{¶¶}	≥1	VAR***	≥2	VAR ^{†††}
State/Area	%	(95% CI) ^{§§§}	%	(95% Cl)	%	(95% CI)	%	(95% CI)	%	(95% Cl)	%	(95% Cl)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Ohio	69.3	(±5.8)	60.3	(±6.2)	61.6	(±6.1)	44.0	(±9.0)	31.1	(±8.1)	72.0	(±13.9)	90.7	(±3.6)	90.3	(±3.8)	92.4	(±4.3)	48.0	(±8.6)
Oklahoma	66.4	(±6.1)	54.8	(±6.5)	42.6	(±6.4)	47.4	(±8.8)	31.1	(±8.3)	68.7	(±12.8)	87.9	(±4.1)	91.7	(±3.4)	95.4	(±3.3)	42.9	(±8.8)
Oregon	75.9	(±5.6)	66.6	(±6.1)	52.4	(±6.4)	54.1	(±9.6)	38.2	(±9.5)	74.3	(±12.8)	88.6	(±4.4)	88.0	(±4.5)	87.8	(±5.9)	60.1	(±8.3)
Pennsylvania	84.7	(±4.3)	74.0	(±4.9)	79.8	(±4.5)	52.3	(±7.6)	41.7	(±7.5)	82.8	(±7.5)	96.2	(±1.6)	93.7	(±3.1)	96.0	(±2.8)	80.5	(±5.0)
Philadelphia County	86.1	(±4.1)	70.4	(±5.4)	84.5	(±4.4)	60.2	(±8.2)	38.5	(±8.3)	66.9	(±10.6)	90.9	(±3.4)	93.2	(±3.0)	96.4	(±2.3)	77.3	(±6.2)
Rest of state	84.5	(±4.9)	74.5	(±5.6)	79.1	(±5.1)	51.1	(±8.6)	42.2	(±8.5)	85.6	(±8.6)	97.0	(±1.8)	93.8	(±3.5)	95.9	(±3.2)	81.0	(±5.7)
Rhode Island	96.6	(±2.0)	79.5	(±5.0)	83.5	(±4.7)	73.0	(±7.7)	55.1	(±9.0)	79.6	(±9.3)	97.0	(±2.4)	93.6	(±3.4)	99.7	(±0.5)	85.3	(±5.3)
South Carolina	60.1	(±6.5)	48.1	(±6.6)	44.7	(±6.5)	41.5	(±9.3)	29.5	(±8.8)	74.6	(±12.7)	89.4	(±3.8)	95.3	(±2.4)	81.9	(±7.5)	32.3	(±7.9)
South Dakota	60.8	(±6.2)	52.5	(±6.3)	30.9	(±5.9)	68.8	(±7.8)	54.5	(±8.9)	85.5	(±7.9)	84.6	(±5.3)	78.3	(±5.8)	74.0	(±9.3)	19.7	(±8.7)
Tennessee	66.6	(±6.1)	58.7	(±6.2)	50.6	(±6.2)	33.1	(±7.9)	26.3	(±7.3)	83.1	(±10.7)	91.6	(±3.5)	94.6	(±2.9)	86.1	(±5.8)	54.7	(±8.2)
Texas	83.2	(±3.6)	71.9	(±4.3)	65.4	(±4.8)	47.5	(±7.1)	27.0	(±6.2)	62.3	(±10.8)	84.3	(±3.5)	87.2	(±3.3)	92.2	(±3.4)	60.2	(±6.3)
Bexar County	86.1	(±4.2)	72.1	(±5.3)	72.0	(±5.4)	44.2	(±8.0)	26.7	(±6.8)	65.7	(±12.4)	85.6	(±4.1)	88.7	(±3.7)	93.3	(±3.4)	57.2	(±7.9)
City of Houston	82.1	(±4.9)	71.3	(±5.8)	75.9	(±5.5)	55.1	(±8.9)	31.9	(±8.4)	59.9	(±12.8)	82.3	(±5.0)	83.4	(±5.0)	91.2	(±5.1)	68.4	(±7.6)
Dallas County	80.6	(±6.4)	72.5	(±6.8)	72.9	(±6.9)	34.4	(±10.7)	18.6	(±7.8)	65.1	(±17.1)	81.4	(±6.5)	83.2	(±6.3)	93.7	(±3.7)	58.8	(±8.7)
El Paso County	87.9	(±3.9)	79.5	(±4.8)	80.8	(±4.6)	67.4	(±8.1)	39.4	(±8.7)	60.7	(±11.3)	87.5	(±4.2)	91.1	(±3.4)	94.4	(±3.6)	65.2	(±7.8)
Rest of state	83.1	(±4.8)	71.5	(±5.9)	61.9	(±6.5)	47.7	(±9.6)	27.0	(±8.4)	62.3	(±14.6)	84.6	(±4.7)	87.8	(±4.4)	91.8	(±4.8)	59.4	(±8.9)
Utah	77.3	(±5.6)	68.8	(±6.1)	48.8	(±6.3)	39.2	(±8.6)	22.2	(±7.4)	59.1	(±13.7)	86.7	(±4.1)	87.5	(±4.1)	87.2	(±7.0)	50.3	(±9.5)
Vermont	89.6	(±4.4)	82.7	(±5.1)	54.1	(±6.5)	49.6	(±9.3)	38.6	(±8.8)	82.6	(±13.1)	96.8	(±2.0)	95.8	(±2.5)	93.8	(±4.0)	81.2	(±7.6)
Virginia	82.9	(±5.4)	72.0	(±6.3)	54.5	(±6.8)	54.0	(±9.7)	41.5	(±9.8)	78.2	(±10.0)	86.0	(±5.1)	89.6	(±4.7)	87.7	(±5.5)	43.1	(±8.5)
Washington	82.8	(±4.5)	70.6	(±5.4)	67.6	(±5.5)	69.3	(±7.4)	45.5	(±8.4)	66.5	(±10.1)	85.2	(±4.3)	86.1	(±4.1)	84.8	(±7.0)	64.3	(±8.5)
West Virginia	56.3	(±6.0)	49.9	(±6.1)	45.7	(±6.1)	42.4	(±8.5)	25.3	(±7.0)	63.9	(±13.8)	79.7	(±5.0)	77.4	(±5.2)	74.2	(±8.1)	40.2	(±8.8)
Wisconsin	91.6	(±3.5)	81.3	(±5.5)	69.4	(±6.4)	54.4	(±9.8)	44.1	(±9.7)	85.8	(±9.5)	90.3	(±4.0)	89.9	(±4.2)	93.8	(±4.9)	78.1	(±7.5)
Wyoming	88.6	(±4.0)	65.0	(±6.3)	51.5	(±6.5)	53.2	(±9.1)	40.3	(±8.8)	81.0	(±10.6)	90.0	(±3.8)	92.9	(±3.0)	85.4	(±6.5)	47.6	(±9.7)
U.S. Virgin Islands ^{¶¶¶}	78.7	(±6.4)	62.8	(±7.3)	31.9	(±7.4)	22.5	(±9.3)	NA****	NA****	NA	NA	90.9	(±4.2)	92.9	(±3.9)	92.9	(±4.4)	61.3	(±7.8)

TABLE 3. (Continued) Estimated vaccination coverage among adolescents aged 13 through 17 years,* by state and selected area and selected vaccines and doses — National Immunization Survey–Teen (NIS-Teen), United States, 2010

* Adolescents (N = 19,257) in the 2010 NIS-Teen were born during January 1992–February 1998.

[†] Tetanus and diptheria toxoids vaccine (Td), or tetanus toxoid, reduced diptheria toxoid, and acellular pertussis (Tdap), or tetanus-unknown vaccine since age 10 years.

[§] ≥1 dose of meningococcal conjugate vaccine or meningococcal-unknown type vaccine.

[¶] ≥1 dose of human papillomavirus vaccine, either quadrivalent or bivalent. Percentage reported among females only (n = 9,220).

** ≥3 doses of human papillomavirus vaccine, either quadrivalent or bivalent. Percentage reported among females only.

⁺⁺ Percentage of females who received 3 doses among those who had at least 1 HPV dose and at least 24 weeks between the first dose and the interview date.

^{§§} ≥2 doses of measles, mumps, and rubella vaccine.

 ¶¶ ≥3 doses of hepatitis B vaccine.

*** ≥ 1 dose of varicella vaccine among adolescents without a reported history of varicella disease.

^{†††} ≥2 doses of varicella vaccine among adolescents without a reported history of varicella disease.

^{§§§} Confidence interval. Estimates with confidence interval half-widths >10 might not be reliable.

^{¶¶¶} St. Croix, St, Thomas, St. John, and Water Island.

**** Estimate not reported because unweighted sample size for the denominator was <30 or CI half-width/Estimate greater than 0.588.

had adequate provider data. Noncoverage and nonresponse bias might remain after weighting adjustments, leading to underestimation or overestimation of coverage rates. Third, underestimates of vaccination coverage might have resulted from the exclusive use of provider-verified vaccination histories because the completeness of these records is unknown. Finally, estimates for particular states and reporting areas and for racial/ ethnic populations should be interpreted with caution because of smaller sample sizes and wider confidence intervals.

Healthy People 2020 targets for adolescents aged 13 through 15 years are as follows: 80% coverage for ≥ 1 dose of Tdap, ≥ 1 dose of MenACWY, and ≥ 3 doses of HPV (among females) and 90% coverage for ≥ 2 doses of varicella vaccine (among adolescents without a reported history of varicella disease); no target has been set for HepB (7). Although adolescent

vaccination is increasing, additional strategies are needed to meet *Healthy People 2020* vaccination objectives for adolescents, particularly for HPV vaccination, because the increase in HPV coverage significantly lags behind other adolescent vaccines. A new 2012 Healthcare Effectiveness Data and Information Set (HEDIS) measure requiring health plans to track the number of females who receive 3 HPV doses by age 13 years is expected to lead to increased HPV vaccination rates (8). Evaluation of vaccination policies and practices associated with higher coverage in certain states and areas can help characterize effective methods. Promoting provider recommendations and parental awareness of adolescent vaccines, urging consideration of every health visit as an opportunity for vaccination, reducing out-of-pocket costs, and using immunization information systems and reminder/recall systems can increase vaccination

What is already known on this topic?

Since 2006, U.S. coverage with routinely recommended vaccinations among adolescents aged 13 through 17 years has increased, but adolescent coverage still remains low.

What is added by this report?

From 2009 to 2010, vaccination coverage among adolescents in the United States increased for ≥ 1 dose of tetanus, diphtheria, acellular pertussis (Tdap) vaccine; ≥ 1 dose of meningococcal conjugate vaccine (MenACWY); and for ≥ 1 dose and ≥ 3 doses of human papillomavirus vaccine (HPV) (females only). The increase in HPV 1-dose coverage was significantly lower than the increases in Tdap and MenACWY vaccination.

What are the implications for public health practice?

Coverage with routine adolescent vaccines is increasing, although the increase in HPV coverage among adolescent females is lagging, with only one third having received the full 3-dose series. Stronger provider recommendations for HPV vaccination, implementing reminder-recall systems, eliminating missed opportunities, and educating parents of adolescents regarding the risk for HPV infection and the benefits of vaccination, are needed to effectively protect adolescent girls against cervical cancer.

among adolescents (9,10). Providing additional and convenient access to adolescent vaccination services through pharmacies or school-associated programs might increase coverage in some communities. Finally, state and local immunization programs should make adolescent vaccination a priority to protect adolescents from vaccine-preventable diseases.

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State Preemption of Local Tobacco Control Policies Restricting Smoking, Advertising, and Youth Access — United States, 2000–2010

Preemptive state tobacco control legislation prohibits localities from enacting tobacco control laws that are more stringent than state law. State preemption provisions can preclude any type of local tobacco control policy. The three broad types of state preemption tracked by CDC include preemption of local policies that restrict 1) smoking in workplaces and public places, 2) tobacco advertising, and 3) youth access to tobacco products. A Healthy People 2020 objective (TU-16) calls for eliminating state laws that preempt any type of local tobacco control law (1). A previous study reported that the number of states that preempt local smoking restrictions in one or more of three settings (government worksites, private-sector worksites, and restaurants) has decreased substantially in recent years (2). To measure progress toward achieving *Healthy People* 2020 objectives, this study expands on the previous analysis to track changes in state laws that preempt local advertising and youth access restrictions and to examine policy changes from December 31, 2000, to December 31, 2010. This new analysis found that, in contrast with the substantial progress achieved during the past decade in reducing the number of states that preempt local smoking restrictions, no progress has been made in reducing the number of states that preempt local advertising restrictions and youth access restrictions. Increased progress in removing state preemption provisions will be needed to achieve the relevant Healthy People 2020 objective.

Data on state preemption provisions were obtained from CDC's State Tobacco Activities Tracking and Evaluation (STATE) System database for the 50 states and the District of Columbia.* The STATE System contains tobacco-related epidemiologic and economic data and information on state tobacco-related legislation. In determining whether state laws preempt local smoking restrictions, the STATE System considers statutes and examines relevant case law, because rulings by state courts sometimes have been decisive in determining whether local policies were preempted. Because litigation has been less common with regard to state preemption of local advertising and youth access restrictions, the STATE System analyzes state statutes but not case law in these areas. Data are collected quarterly from an online legal research database of state laws and are analyzed, coded, and included in the STATE System.

The number of states that preempt local smoking restrictions decreased from 18 at the end of 2000 to 12 at the end of

2010 (Figure). During this period, Delaware, Illinois, Iowa, Louisiana, Mississippi, Nevada, New Jersey, Oregon, and South Carolina completely rescinded preemptive provisions or had such provisions overturned by state courts.[†] In addition, North Carolina rescinded preemption for certain settings, but left it in place for others. Conversely, state courts interpreted ambiguous provisions in New Hampshire and Washington laws as preempting local smoking restrictions. The number of states preempting local advertising restrictions remained constant over the decade at 18. The number of states that preempt local youth access restrictions increased from 21 to 22 during this period, with Pennsylvania enacting a new preemptive provision in 2002.

The number of states with preemptive provisions in any of the three policy categories decreased by one, from 28 states at the end of 2000 to 27 states at the end of 2010. The number of states that preempted local action in all three categories decreased from 11 states at the end of 2000 to seven states at the end of 2010. Those seven states were Michigan, North Carolina, Oklahoma, South Dakota, Tennessee, Utah, and Washington (Table).

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Editorial Note

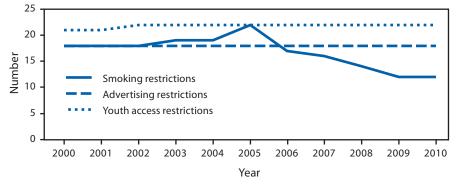
The results of this analysis indicate that no progress has been achieved during the past decade in reducing the number of states with laws preempting local restrictions on tobacco advertising and youth access to tobacco products. This situation contrasts with the significant strides made in reducing the number of states preempting local smoking restrictions.

Like smoke-free laws, restrictions on advertising and youth access are components of a comprehensive approach to tobacco control (3-5). Evidence from other countries shows that comprehensive restrictions on tobacco advertising can reduce tobacco consumption (3). Restrictions on youth

^{*}Available at http://www.cdc.gov/tobacco/statesystem.

[†] Oregon both introduced and rescinded preemption of local smoking restrictions during the study period. In addition, Montana and Rhode Island introduced preemptive provisions during this period, but allowed those provisions to expire at predetermined dates, in accordance with sunset clauses in the legislation.

FIGURE. Number of states with laws in effect that preempt local tobacco control laws restricting smoking, advertising, and youth access, by year — United States, 2000–2010



access to tobacco products that are implemented as part of a comprehensive approach with a strong community mobilization component can reduce underage tobacco sales and youth tobacco use (4). The findings in this report indicate that substantial efforts will be required to meet the relevant *Healthy People 2020* objective, which calls for eliminating state preemptive provisions in all three areas.

In addition to the objective to eliminate state preemptive laws, Healthy People 2020 includes objectives calling for 1) implementing state laws in all states to eliminate smoking in public places and worksites (TU-13), 2) reducing the proportion of adolescents and young adults in grades 6 through 12 who are exposed to tobacco advertising and promotion (TU-18), and 3) reducing the illegal tobacco sales rate to minors through enforcement of laws prohibiting the sale of tobacco products to minors (TU-19) (1). Preemptive provisions in state law can prevent local adoption of evidence-based policies in all three of these areas. Moreover, the strongest, most innovative tobacco control policies typically have originated at the local level before eventually being adopted at the state level (2,4-7). For example, comprehensive smoke-free laws completely prohibiting smoking in workplaces, restaurants, and bars were initially adopted by local jurisdictions, beginning in the 1990s, before being adopted by numerous states during the past decade (6, 7). Similarly, several types of youth access policies, including restrictions on self-service displays and vending machines, were introduced at the local level before being adopted widely among states and, more recently, at the federal level (5,6). State preemptive laws can impede this diffusion of successful policy interventions (7,8).

The number of states adopting new preemptive provisions in any of the three areas considered in this report has decreased in recent years after peaking in the 1990s (2,9). The decrease in the number of new state preemptive laws enacted during the past decade might reflect growing awareness on the part of tobacco control programs and advocacy groups of the negative public health effects of preemption (7,8). In addition, nine states[§] have completely rescinded state laws preempting local smoking restrictions since 2000 through legislative action, ballot measures, or court decisions (2). State preemptive provisions typically have been sought by tobacco manufacturers and other interests seeking to counter increased adoption of certain tobacco control policies (6–8). As a result, patterns of state preemption activity often reflect patterns in local and state tobacco control policy activity (6–8).

In the 1990s, local and state policy activity

was broad in scope, encompassing smoking restrictions, advertising restrictions, and youth access restrictions (5,6). State preemption provisions enacted during this decade generally also were broad in scope, in many cases covering all three areas (8,9). In contrast, during the 2000s, local and state policy efforts emphasized smoke-free laws over restrictions on advertising and youth access (7). New state preemptive provisions enacted during the past decade reflect this pattern, with most of these provisions focusing solely on precluding local smoking restrictions.[¶] Similarly, removal of state preemptive provisions during the past decade has been limited to this area.

Recent experience has shown that preemptive state laws can be rescinded. However, by the time this became evident, local efforts to address tobacco advertising and youth access to tobacco products had waned somewhat, and the rollback of state preemptive provisions did not carry over to these areas.

A major factor contributing to the decreased enactment of local and state laws restricting tobacco advertising during the past decade was a 2001 U.S. Supreme Court decision^{**} which suggested that several types of state and local advertising restrictions might be barred by federal preemption or the First Amendment (3). The 2009 Family Smoking Prevention and Tobacco Control Act^{††} partially rescinded federal preemption of state and local restrictions on cigarette advertising and promotion. This, combined with the adoption of advertising restrictions in a number of other countries (10), has led to

[§] Delaware, Illinois, Iowa, Louisiana, Mississippi, Nevada, New Jersey, Oregon, and South Carolina.

⁹ For example, Mississippi, Montana, Oregon, and Rhode Island enacted preemptive provisions in this area during the past decade that subsequently were repealed (in the case of Mississippi and Oregon) or allowed to expire through sunset provisions (in the case of Montana and Rhode Island).

^{**} Lorillard Tobacco Co. v. Reilly, 533 U.S. 525 (2001).

^{††} Family Smoking Prevention and Tobacco Control Act. Pub. L. No. 111-31 (June 22, 2009). Available at http://www.gpo.gov/fdsys/pkg/PLAW-111publ31/ content-detail.html.

TABLE. States with provisions preempting local restrictions on smoking in workplaces and public places, tobacco advertising, and youth access to tobacco products — United States, December 31, 2000 and December 31, 2010

		ny nption		king ctions		rtising ctions		access ctions
State	2000	2010	2000	2010	2000	2010	2000	2010
Alabama								
Alaska								
Arizona								
Arkansas								
California	Х	Х					Х	Х
Colorado								
Connecticut	Х	Х	Х	Х				
Delaware	Х	Х	Х		Х	Х	Х	Х
District of								
Columbia								
Florida	Х	Х	Х	Х				
Georgia								
Hawaii								
Idaho								
Illinois	Х		Х					
Indiana	Х	Х			Х	Х	Х	Х
lowa	Х	Х	Х				Х	Х
Kansas								
Kentucky	Х	Х			Х	Х	Х	Х
Louisiana	Х	Х	Х		Х	Х	Х	Х
Maine								
Maryland								
Massachusetts								
Michigan	Х	Х	Х	Х	Х	Х	Х	Х
Minnesota								
Mississippi	Х	Х	Х		Х	Х	Х	Х
Missouri								
Montana	Х	Х			Х	Х	Х	Х
Nebraska								
Nevada	Х	Х	Х		Х	Х	Х	Х
New Hampshire		Х		Х				
New Jersey	Х		Х					
New Mexico	Х	Х			Х	Х	Х	Х
New York								
North Carolina	Х	Х	Х	Х	Х	Х	Х	Х
North Dakota	~			~		~	~	~
Ohio								
Oklahoma	Х	Х	Х	Х	Х	Х	Х	Х
Oregon	X	X		~	~	~	X	X
Pennsylvania	X	X	х	х			~	X
Rhode Island	~			~				~
South Carolina	Х	х	Х		Х	х	х	Х
South Dakota	X	X	X	х	X	X	X	X
Tennessee	X	x	X	X	X	X	X	X
Texas	~	~	~	~	~	~	~	~
Utah	Х	Х	Х	Х	Х	Х	Х	Х
Vermont	~	~	~	~	~	~	~	~
Virginia	Х	Х	Х	Х				
Washington	X	X	~	X	Х	Х	Х	Х
West Virginia	X	X		~	X	x	~	~
5							x	x
					~	~		
Wisconsin Wyoming	X X	X X			Х	Х	X X	X X

What is already known on this topic?

The strongest, most innovative tobacco control policies typically have originated at the local level, but preemptive provisions in state law can prevent local adoption of such policies. A *Healthy People 2020* objective calls for eliminating state laws that preempt stronger local tobacco control laws.

What is added by this report?

The number of states that preempt local smoking restrictions decreased from 18 at the end of 2000 to 12 at the end of 2010. In contrast, the number of states preempting local advertising restrictions remained constant at 18 during that period, while the number of states preempting local youth access restrictions increased from 21 to 22.

What are the implications for public health practice?

The Family Smoking Prevention and Tobacco Control Act has renewed interest in local efforts to restrict tobacco marketing. Increased progress in removing state preemption provisions will be needed to achieve the relevant *Healthy People 2020* objective.

renewed interest in local and state efforts to restrict tobacco marketing and sales. These efforts could focus attention on state preemption provisions that impede local action to restrict tobacco advertising. As a result, community attempts to restrict tobacco marketing and changes in relevant state preemptive provisions will need to be monitored.

The findings in this report are subject to at least two limitations. First, the language of preemption provisions in state statutes can be ambiguous, and interpretation can be difficult. Ultimately, courts interpret preemption language in statutes, but many provisions never are contested in court. However, this type of ambiguity appears to have been less evident with provisions in state law preempting local advertising and youth access restrictions than with provisions preempting local smoking restrictions. Finally, this analysis does not consider all types of state preemption of local tobacco control laws; for example, it does not address state preemption of local licensing and labeling requirements, although plans are under way to track this information in the STATE System.

Policies restricting smoking in workplaces and public places, tobacco advertising, and youth access to tobacco products are components of a comprehensive, evidence-based approach to tobacco control (3–5). Accordingly, state preemptive provisions that prevent local action in any of these three areas impede local and state efforts to reduce tobacco use. Increased progress in rescinding state preemption provisions will be needed to remove this barrier and to achieve the relevant *Healthy People 2020* objective.

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Prevention and Control of Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2011

On August 18, 2011, this report was posted as an MMWR Early Release on the MMWR website (http://www.cdc.gov/mmwr).

This document provides updated guidance for the use of influenza vaccines in the United States for the 2011-12 influenza season. In 2010, the Advisory Committee on Immunization Practices (ACIP) first recommended annual influenza vaccination for all persons aged ≥ 6 months in the United States (1,2). Vaccination of all persons aged ≥ 6 months continues to be recommended. Information is presented in this report regarding vaccine strains for the 2011–12 influenza season, the vaccination schedule for children aged 6 months through 8 years, and considerations regarding vaccination of persons with egg allergy. Availability of a new Food and Drug Administration (FDA)-approved intradermally administered influenza vaccine formulation for adults aged 18 through 64 years is reported. For issues related to influenza vaccination that are not addressed in this update, refer to the 2010 ACIP statement on prevention and control of influenza with vaccines and associated updates (1,2).

Methodology for the formulation of the ACIP annual influenza statement has been described previously (1). The ACIP Influenza Work Group meets every 2–4 weeks throughout the year. Work Group membership includes several voting members of the ACIP, as well as representatives from ACIP Liaison Organizations. Meetings are held by teleconference and include discussion of influenza-related issues, such as vaccine effectiveness and safety, coverage in groups recommended for vaccination, feasibility, cost-effectiveness, and anticipated vaccine supply. Presentations are requested from invited experts, and published and unpublished data are discussed. CDC's Influenza Division provides influenza surveillance and antiviral resistance data, and the Immunization Safety Office and Immunization Services Division provide information on vaccine safety and distribution and coverage, respectively.

Vaccine Strains for the 2011–12 Influenza Season

The 2011–12 U.S. seasonal influenza vaccine virus strains are identical to those contained in the 2010–11 vaccine. These include A/California/7/2009 (H1N1)-like, A/Perth/16/2009 (H3N2)-like, and B/Brisbane/60/2008-like antigens. The influenza A (H1N1) vaccine virus strain is derived from a 2009 pandemic influenza A (H1N1) virus (*3*).

Recommendations for Vaccination

Routine annual influenza vaccination is recommended for all persons aged ≥ 6 months (1). To permit time for production of

protective antibody levels (4,5), vaccination should optimally occur before onset of influenza activity in the community, and providers should offer vaccination as soon as vaccine is available. Vaccination also should continue to be offered throughout the influenza season.

Although influenza vaccine strains for the 2011-12 season are unchanged from those of 2010-11, annual vaccination is recommended even for those who received the vaccine for the previous season. Although in one study of children vaccinated against A/Hong Kong/68 (H3N2) virus, vaccine efficacy remained high against this strain 3 years later, the estimated efficacy of vaccine decreased over the seasons studied (6). Moreover, several studies have demonstrated that postvaccination antibody titers decline over the course of a year (7–10). Thus, annual vaccination is recommended for optimal protection against influenza.

Vaccine Doses for Children Aged 6 Months Through 8 Years

Children aged 6 months through 8 years require 2 doses of influenza vaccine (administered a minimum of 4 weeks apart) during their first season of vaccination to optimize immune response. In a study of children aged 5 through 8 years who received trivalent inactivated vaccine (TIV) for the first time, the proportion of children with protective antibody responses was significantly higher after 2 doses than after 1 dose (*11*).

The importance of vaccine priming might depend more on the similarity of the antigenic composition between the priming and second dose than the temporal interval between doses. From the 2003-04 to 2004-05 influenza seasons, the A(H1N1) virus antigen remained unchanged; however, the A(H3N2) virus antigen changed to a drifted strain, and the B virus antigen changed more substantially to a different lineage. In a study conducted over those two seasons, influenza-vaccine naïve children aged 6 through 23 months who received 1 dose of TIV in the spring of their first year of vaccination followed by a second dose in the fall were less likely to have protective antibody responses to the A(H3N2) and B virus antigens when compared with children who received 2 doses of identical vaccine in the fall (12). Response to the unchanged A(H1N1) virus antigen was comparable between the groups. In another study conducted over the same two seasons, unprimed children aged 10 through 24 months who received 1 dose of TIV during the fall of each season had similar responses to the unchanged A(H1N1) virus antigen as well as to the drifted A(H3N2) virus antigen when compared with children aged 6 through 24

months who received 2 doses of the same TIV during the latter season; however, the first group had significantly lower response to the B virus antigen (13). During two seasons in which all influenza vaccine virus antigens were identical, unprimed children aged 6 through 23 months had similar responses when they received 1 dose in the spring followed by a second dose in the fall, as compared with 2 doses received 1 month apart in the fall (14). Studies of inactivated monovalent pandemic 2009 (H1N1) vaccine in children aged <9 years also have demonstrated improved response to this antigen when 2 doses are administered (15-17).

Vaccination providers should note that, in previous seasons, children aged 6 months through 8 years who received only 1 dose of influenza vaccine in their first year of vaccination required 2 doses the following season. However, because the 2011–12 vaccine strains are unchanged from the 2010–11 season, children in this age group who received at least 1 dose of the 2010–11 seasonal vaccine will require only 1 dose of the 2011–12 vaccine. Children in this age group who did not receive at least 1 dose of the 2010–11 seasonal influenza vaccine, or for whom it is not certain whether the 2010–11 seasonal vaccine was received, should receive 2 doses of the 2011–12 seasonal influenza vaccine (Figure 1). Recommendations regarding the number of doses for this age group might change for the 2012–13 season if vaccine antigens change.

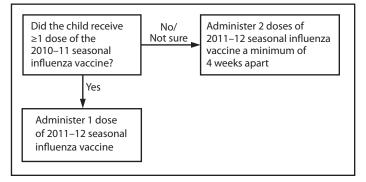
Available Vaccine Products and Indications

Multiple influenza vaccines are expected to be available during the 2011–12 season (Table). All contain the same antigenic composition. Package inserts should be consulted for information regarding additional components of various vaccine formulations.

TIV preparations, with the exception of Fluzone Intradermal (Sanofi Pasteur), should be administered intramuscularly. For adults and older children, the deltoid is the preferred site. Infants and younger children should be vaccinated in the anterolateral thigh. Specific guidance regarding site and needle length can be found in the ACIP's *General Recommendations on Immunization (18)*.

A new intradermally administered TIV preparation, Fluzone Intradermal, was licensed in May 2011. This vaccine is indicated for persons aged 18 through 64 years and contains less antigen than intramuscular TIV preparations (9 μ g rather than 15 μ g of each strain per dose) in a smaller volume (0.1mL rather than 0.5 mL). The vaccine is administered intradermally via a single-dose, prefilled microinjection syringe. The preferred site for administration is over the deltoid muscle (*19*). The most common adverse reactions include injection-site erythema, induration, swelling, pain, and pruritus. With the exception

FIGURE 1. Influenza vaccine dosing algorithm for children aged 6 months through 8 years — Advisory Committee on Immunization Practices (ACIP), 2011–12 influenza season



of pain, these reactions occurred more frequently than with intramuscular vaccine, but generally resolved within 3–7 days. This vaccine is an alternative to other TIV preparations for those in the indicated age range, with no preferential recommendation.

As during the 2010–11 season, a vaccine containing 60 μ g of hemagglutinin per vaccine strain (rather than 15 μ g per strain as in other intramuscular TIV preparations), Fluzone High-Dose (Sanofi Pasteur), is available as an alternative TIV for persons aged ≥65 years. No preference is indicated for this TIV versus other TIV preparations (1).

The intranasally administered live attenuated influenza vaccine (LAIV), FluMist (MedImmune) is indicated for healthy, nonpregnant persons aged 2 through 49 years. Within the indicated groups specified for each vaccine in the package inserts, no preference is indicated for LAIV versus TIV (*1*).

Vaccination of Persons Reporting Allergy to Eggs

Allergy to eggs must be distinguished from allergy to influenza vaccine. Severe allergic and anaphylactic reactions can occur in response to a number of influenza vaccine components, but such reactions are rare. A review of reports to the Vaccine Adverse Events Reporting System (VAERS) of adverse events in adults noted four reports of death caused by anaphylaxis following influenza vaccine during 1990–2005; the vaccine components potentially responsible for these reactions were not reported (*20*). A prior severe allergic reaction to influenza vaccine, regardless of the component suspected to be responsible for the reaction, is a contraindication to receipt of influenza vaccine.

All currently available influenza vaccines are prepared by inoculation of virus into chicken eggs. Hypersensitivity to eggs has been listed as a contraindication to receipt of influenza vaccine on most package inserts. However, several recent studies have documented safe receipt of TIV in persons with egg allergy (21–29), and recent revisions of some TIV

Vaccine	Trade name	Manufacturer	Presentation	Mercury content (μg Hg/0.5 mL dose)	Ovalbumin content (µg /0.5mL dose)	Age group	No. of doses	Route
TIV	Fluzone	Sanofi Pasteur	0.25 mL prefilled syringe	0.0	†	6–35 mos	1 or 2 [§]	IM¶
			0.5 mL prefilled syringe 0.5 mL vial 5.0 mL multidose vial	0.0 0.0 25.0	† † †	≥36 mos ≥36 mos ≥6 mos	1 or 2 [§] 1 or 2 [§] 1 or 2 [§]	IM¶ IM¶ IM¶
TIV	Fluvirin	Novartis Vaccines	0.5 mL prefilled syringe 5.0 mL multidose vial	≤1 25.0	≤1 ≤1	≥4 yrs	1 or 2 [§]	IM¶
TIV	Fluarix	GlaxoSmithKline	0.5 mL prefilled syringe	0	≤0.05	≥3 yrs	1 or 2 [§]	IM¶
TIV	FluLaval	ID Biomedical Corporation of Quebec (distributed by GlaxoSmithKline)	5.0 mL multidose vial	25.0	≤1	≥18 yrs	1	IM¶
TIV	Afluria	CSL Biotherapies	0.5 mL prefilled syringe	0.0	≤1	≥9 yrs**	1	IM¶
		(distributed by Merck)	5.0 mL multidose vial	24.5	≤1			
TIV High-Dose ^{††}	Fluzone High-Dose	Sanofi Pasteur	0.5 mL prefilled syringe	0.0	†	≥65 yrs	1	IM¶
TIV Intradermal	Fluzone Intradermal	Sanofi Pasteur	0.1 mL prefilled microinjection system	0.0	†	18–64 yrs	1	ID
LAIV	FluMist ^{§§}	MedImmune	0.2 mL prefilled intranasal sprayer	0.0	11	2–49 yrs***	1 or 2 [§]	IN

TABLE. Influenza vaccine information, by age group — United States, 2011–12 influenza season*

Abbreviations: TIV = trivalent inactivated vaccine; LAIV = live attenuated influenza vaccine; IM = intramuscular; ID = intradermal; IN = intranasal.

* Vaccination providers should check Food and Drug Administration-approved prescribing information for 2011–12 influenza vaccines for the most updated information.

⁺ Information not included in package insert but is available upon request from the manufacturer, Sanofi Pasteur, by telephone, 1-800-822-2463, or e-mail, MIS.Emails@sanofipasteur.com.

[§] Children aged 6 months through 8 years who did not receive seasonal influenza vaccine during the 2010–11 influenza season should receive 2 doses at least 4 weeks apart for the 2011–12 season. Those children aged 6 months through 8 years who received ≥1 dose of the 2010–11 seasonal vaccine require 1 dose for the 2011–12 season.

[¶] For adults and older children, the recommended site of vaccination is the deltoid muscle. The preferred site for infants and young children is the anterolateral aspect of the thigh.

** Age indication per package insert is ≥5 years; however, the Advisory Committee on Immunization Practices recommends Afluria not be used in children aged 6 months through 8 years because of increased reports of febrile reactions in this age group. If no other age-appropriate, licensed inactivated seasonal influenza vaccine is available for a child aged 5–8 years who has a medical condition that increases the child's risk for influenza complications, Afluria can be used; however, providers should discuss with the parents or caregivers the benefits and risks of influenza vaccination with Afluria before administering this vaccine. Afluria may be used in persons aged ≥9 years.

⁺⁺ TIV high-dose: A 0.5-mL dose contains 60 µg each of A/California/7/2009 (H1N1)-like, A/Perth/16/2009 (H3N2)-like, and B/Brisbane/60/2008-like antigens.

^{§§} FluMist is shipped refrigerated and stored in the refrigerator at 35°F–46°F (2°C–8°C) after arrival in the vaccination clinic. The dose is 0.2 mL divided equally between each nostril. Health-care providers should consult the medical record, when available, to identify children aged 2–4 years with asthma or recurrent wheezing that might indicate asthma. In addition, to identify children who might be at greater risk for asthma and possibly at increased risk for wheezing after receiving LAIV, parents or caregivers of children aged 2–4 years should be asked: "In the past 12 months, has a health-care provider ever told you that your child had wheezing or asthma?" Children whose parents or caregivers answer "yes" to this question and children who have asthma or who had a wheezing episode noted in the medical record within the past 12 months should not receive FluMist.

[¶] Insufficient data available for use of LAIV in egg-allergic persons.

*** FluMist is indicated for healthy, nonpregnant persons aged 2–49 years.

package inserts note that only a severe allergic reaction (e.g., anaphylaxis) to egg protein is a contraindication. In general, these studies include relatively fewer persons reporting a history of anaphylactic reaction to egg, compared with less severe reactions. Several documents providing guidance on use of influenza vaccine in persons with egg allergy have been published recently (*30–32*).

The quantity of egg protein in vaccine is expressed as the concentration of ovalbumin per dose or unit volume. Among studies in which the ovalbumin content of the administered vaccine was reported, up to $1.4 \ \mu g/mL (0.7 \ \mu g/0.5 \ mL dose)$ was tolerated without serious reactions (22,23,25–29); however, a safe maximum threshold of ovalbumin, below which no anaphylactic reactions would be expected, is not known.

Although ovalbumin content is not required to be disclosed on package inserts for vaccines used in the United States, manufacturers either report maximum albumin content in the package inserts or will provide this information on request. Ovalbumin concentration can vary from season to season and from lot to lot for a given vaccine. Independent assessments of ovalbumin content of commercially available vaccines have noted lower concentrations than those listed on package inserts (33,34).

In several studies evaluating influenza vaccine in persons with egg allergy, additional safety measures have been taken, such as skin prick testing with vaccine (21-24,26,28,29) and administering the vaccine in 2 doses (e.g., 10% of the dose initially, followed by the remaining 90% if no reaction has occurred during a 30-minute observation period) (22,24-29). Skin prick testing with vaccine was poorly predictive of allergic reactions in these studies (22-24,26). In general, administration of both full doses and split doses have been well-tolerated without serious reactions, although systemic reactions (e.g., wheezing, eczema exacerbation, and hives on face/chest) were observed with the initial 10% dose among six (3.5%) of 171 participants in one study (24).

Recommendations Regarding Persons with Egg Allergy

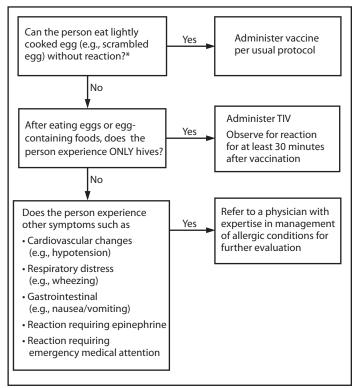
Each of the following recommendations applies when considering influenza vaccination of persons who have or report a history of egg allergy.

- 1. Persons who have experienced only hives following exposure to egg should receive influenza vaccine with the following additional measures (Figure 2):
 - a) Because studies published to date involved use of TIV, TIV rather than LAIV should be used.
 - b) Vaccine should be administered by a health-care provider who is familiar with the potential manifestations of egg allergy.
 - c) Vaccine recipients should be observed for at least 30 minutes for signs of a reaction following administration of each vaccine dose.

Other measures, such as dividing and administering the vaccine by a two-step approach and skin testing with vaccine, are not necessary.

- 2. Persons who report having had reactions to egg involving angioedema, respiratory distress, lightheadedness, or recurrent emesis, or persons who required epinephrine or other emergency medical intervention, particularly those that occurred immediately or within minutes to hours after egg exposure are more likely to have a serious systemic or anaphylactic reaction upon reexposure to egg proteins. Before receipt of vaccine, such persons should be referred to a physician with expertise in the management of allergic conditions for further risk assessment (Figure 2).
- 3.All vaccines should be administered in settings in which personnel and equipment for rapid recognition and treatment of anaphylaxis are available. ACIP recommends that all vaccination providers be familiar with the office emergency plan (*18*).

FIGURE 2. Recommendations regarding influenza vaccination for persons who report allergy to eggs — Advisory Committee on Immunization Practices (ACIP), 2011–12 influenza season



* Persons with egg allergy might tolerate egg in baked products (e.g., bread or cake). Tolerance to egg-containing foods does not exclude the possibility of egg allergy.

- 4. Some persons who report allergy to egg might not be egg allergic. Those who are able to eat lightly cooked egg (e.g., scrambled eggs) without reaction are unlikely to be allergic. Conversely, egg-allergic persons might tolerate egg in baked products (e.g., bread or cake); tolerance to eggcontaining foods does not exclude the possibility of egg allergy (*35*). Egg allergy can be confirmed by a consistent medical history of adverse reactions to eggs and eggcontaining foods, plus skin and/or blood testing for immunoglobulin E antibodies to egg proteins.
- 5.A previous severe allergic reaction to influenza vaccine, regardless of the component suspected to be responsible for the reaction, is a contraindication to receipt of influenza vaccine.

Reported by

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Acknowledgments

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^{*} Roster available at http://www.cdc.gov/vaccines/recs/acip/members-archive.htm.

Notes from the Field

Mortality Among Refugees Fleeing Somalia — Dadaab Refugee Camps, Kenya, July–August 2011

Refugee camps in Dadaab, Kenya, currently are receiving Somali refugees fleeing famine and armed conflict at a rate of approximately 1,400 refugees per day. New arrivals are at an elevated risk for mortality because of severe famine in Somalia (1), the dangerous journey, and overcrowding in the camps.

During July 24–August 3, 2011, the United Nations High Commissioner for Refugees (UNHCR) and CDC conducted a rapid, retrospective assessment of mortality among new arrivals to the Dadaab camps. Consenting heads of households answered a standardized questionnaire on family size and births, deaths, and migrations in and out of the household occurring during three periods: 1) April 1 to departure ("predeparture") (median: 85 days); 2) journey to the camps ("journey") (median: 8 days); and 3) from arrival to camp registration ("postarrival") (median: 24 days). Families with even-numbered ration cards were selected for participation on the day of registration.

Among the 753 families interviewed, 44 deaths were reported; 33 (75%) persons were reported by the heads of household to have been malnourished at the time of death. Of the 29 children aged <5 years who died, 26 (90%) were reported to have been malnourished. During the predeparture period, the estimated crude mortality rate (CMR) was 0.86 deaths per 10,000 persons per day and the under 5 mortality rate (U5MR) was 2.21 deaths per 10,000 children aged <5 years per day (Table). The CMR during the journey (1.94) doubled compared with the predeparture period (rate ratio: 2.20; p=0.05) and mortality estimates during the journey appear to have exceeded emergency thresholds (CMR \geq 1 and U5MR \geq 2). Overall mortality during the postarrival period (CMR = 0.44) was lower than during the journey (rate ratio: 0.23; p=0.03).

Mortality estimates approached or exceeded emergency thresholds predeparture, then doubled to surpass emergency thresholds during the journey. However, precision is limited by the short period measured, and comparison with emergency thresholds should be interpreted with caution. Although mortality decreased during the first month in the camp, previous assessments have noted a risk for deterioration in health status during the following months, which might impact mortality. For example, rates of acute malnutrition (indicated by midupper arm circumference <125 mm) based on measurements obtained during a mass screening in one Dadaab camp among refugees who had arrived during the preceding 3 months were higher (42%) than rates measured on the day of arrival (23%) or among longer-term residents of the camp (23%) (2; UNHCR, unpublished data, 2011). This assessment highlights the desperate conditions faced by the population fleeing Somalia, particularly during their journey, and identifies a need for additional aid efforts to minimize mortality.

Reported by

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TABLE. Mortality rates among new	ly arriving Somali refugees —	Dadaab refugee camps, Kenya, July-August 2011

Period	CMR* (95% CI)	Rate ratio (p-value)	U5MR [†] (95% CI)	Rate ratio (p-value)	Median no. of days (IQR)
Predeparture	0.86 (0.57–1.15)	_	2.21 (1.24–3.17)	_	85 (74–94)
Journey	1.94 (0.50–3.37)	2.20 (p=0.05) [§]	3.95 (0.08-7.81)	1.79 (p=0.29) [§]	8 (4–18)
Postarrival	0.44 (0–0.93)	0.23 (p=0.03)¶	1.53 (0–3.25)	0.39 (p=0.21) [¶]	24 (16–30)

Abbreviations: CMR = crude mortality rate; CI = confidence interval; U5MR = under 5 mortality rate; IQR = interquartile range.

* Deaths per 10,000 persons per day.

[†] Deaths per 10,000 children aged <5 year per day.

[§] Referent is "Predeparture" group.

[¶] Referent is "Journey" group.

Announcement

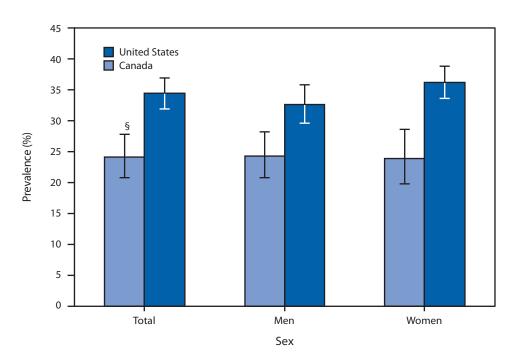
Clinical Vaccinology Course — November 4–6, 2011

CDC and eight other national organizations are collaborating with the National Foundation for Infectious Diseases (NFID), Emory University School of Medicine, and the Emory Vaccine Center to sponsor a Clinical Vaccinology Course November 4–6, 2011, at the Grand Hyatt Atlanta in Atlanta, Georgia. Through lectures and interactive case presentations, the course will focus on new developments and concerns related to the use of vaccines in pediatric, adolescent, and adult populations. Leading infectious disease experts, including pediatricians, internists, and family physicians, will present the latest information on newly available vaccines and vaccines in development, as well as established vaccines whose continued administration is essential to improving disease prevention efforts. This course is designed specifically for physicians, nurses, nurse practitioners, physician assistants, pharmacists, vaccine program administrators, and other health professionals involved with or interested in the clinical use of vaccines. The course also will be of interest to health-care professionals involved in the prevention and control of infectious diseases, such as federal, state, and local public health officials. Course participants should have a knowledge of or interest in vaccines and vaccine-preventable diseases.

Continuing education credits will be offered. Information regarding the program, registration, and hotel accommodations is available at http://www.nfid.org, or by e-mail (idcourse@nfid. org), fax (301-907-0878), telephone (301-656-0003, ext. 19), or mail (NFID, 4733 Bethesda Avenue, Suite 750, Bethesda, MD 20814-5228).

FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

Prevalence of Obesity* Among Persons Aged 20–79 Years, by Sex — Canada, 2007–2009, and United States, 2007–2008[†]



* Defined as body mass index (weight [kg] / height [m²]) ≥30.0. Both U.S. and Canadian estimates were agestandardized by the direct method to the 2000 U.S. Census population using age groups 20–39, 40–59, and 60–79 years. Pregnant women were excluded.

⁺ Based on data from standardized physical examinations conducted as part of the 2007–2008 National Health

and Nutrition Examination Survey and the 2007–2009 Canadian Health Measures Survey.

§ 95% confidence interval.

Based on the most recent comparable data available, the prevalence of obesity among U.S. adults (34.4%) aged 20–79 years was greater than for Canadian adults (24.1%). The prevalence of obesity among U.S. men (32.6%) was greater than for Canadian men (24.3%), and the prevalence among U.S. women (36.2%) was greater than for Canadian women (23.9%).

Source: Shields M, Carroll MD, Ogden CL. Adult obesity prevalence in Canada and the United States. NCHS data brief, no. 56. Hyattsville, MD: US Department of Health and Human Services, CDC, National Center for Health Statistics; 2011. Available at http://www.cdc.gov/nchs/data/ databriefs/db56.htm.

Notifiable Diseases and Mortality Tables

TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 20, 2011 (33rd week)*

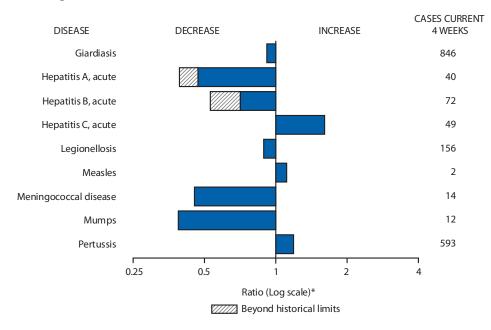
			5-year	Total	cases repo	orted for	previous	years	
Disease	Current week	Cum 2011	weekly average [†]	2010	2009	2008	2007	2006	States reporting cases during current week (No.)
Anthrax			0		1		1	1	
rboviral diseases ^{§, ¶} :	_	_	0	_			'	1	
California serogroup virus disease		15	5	75	55	62	55	67	
Eastern equine encephalitis virus disease	_	13	1	10	4	4	4	8	
Powassan virus disease	_	6	0	8	4 6	4	4		
	—	1	0	0 10	12	13	9	1 10	
St. Louis encephalitis virus disease	_			10	12				
Western equine encephalitis virus disease	42		1	NN	 NN		 NN		NIV (42)
Babesiosis		314	3			NN		NN 165	NY (42)
lotulism, total	_	60		112	118	145	144	165	
foodborne	_	6	1	7	10	17	32	20	
infant	_	47	2	80	83	109	85	97	
other (wound and unspecified)	_	7	1	25	25	19	27	48	
rucellosis	2	52	3	115	115	80	131	121	MO (1), FL (1)
hancroid	1	12	0	24	28	25	23	33	CA (1)
holera	_	21	0	13	10	5	7	9	
Cyclosporiasis [§]	2	118	4	179	141	139	93	137	FL (1), TX (1)
Diphtheria	_	_	_	_	_	—	_	_	
laemophilus influenzae,** invasive disease (age <5 yrs):									
serotype b	—	5	0	23	35	30	22	29	
nonserotype b	—	75	2	200	236	244	199	175	
unknown serotype	4	160	3	223	178	163	180	179	PA (2), MO (1), ID (1)
ansen disease [§]	—	28	2	98	103	80	101	66	
lantavirus pulmonary syndrome [§]	_	16	0	20	20	18	32	40	
emolytic uremic syndrome, postdiarrheal ^s	6	92	8	266	242	330	292	288	MO (1), NC (1), TN (2), AR (1), OR (1)
nfluenza-associated pediatric mortality [§] , ^{††}	_	110	1	61	358	90	77	43	
isteriosis	14	312	22	821	851	759	808	884	NY (1), PA (1), OH (2), FL (1), TX (1), CO (2)
1easles ^{§§}	_	162	1	63	71	140	43	55	WA (1), CA (5)
leningococcal disease, invasive ^{¶¶} :		102		05	/1	140	75	55	
A, C, Y, and W-135	_	125	3	280	301	330	325	318	
serogroup B	_	65	2	135	174	188	167	193	
other serogroup	_	7	0	135	23	38	35	32	
unknown serogroup		, 272	7	406	482	616	550	651	
lovel influenza A virus infections***			2	400	43,774	2	4	NN	
lague		1	0	2	8	3	7	17	
oliomyelitis, paralytic	_	_	_		8 1		_		
olio virus Infection, nonparalytic [§]	_	_	_	_	_	_	_		
sittacosis [§]	_	1	0	4	9	8	12	NN 21	
	_								
e fever, total [§]	_	60	3	131	113	120	171	169	
acute	_	44	1	106	93	106	_	_	
chronic	_	16	0	25	20	14	1		
labies, human lubella ^{†††}	_	1	_	2	4	2	1	3	
	_	4	_	5	3	16	12	11	
ubella, congenital syndrome	—	_	—	—	2	_	—	1	
ARS-CoV [§]	—	—	—	—	_	_	—	—	
mallpox [§]									0 11 (1)
treptococcal toxic-shock syndrome ⁸	1	81	2	142	161	157	132	125	OH (1)
yphilis, congenital (age <1 yr) ^{§§§}	—	119	10	377	423	431	430	349	
etanus s	—	5	1	26	18	19	28	41	
oxic-shock syndrome (staphylococcal) $^{\$}$	2	54	2	82	74	71	92	101	TN (1), CO (1)
richinellosis	—	7	0	7	13	39	5	15	
ularemia	1	75	4	124	93	123	137	95	MO (1)
yphoid fever	2	220	12	467	397	449	434	353	NY (1), OH (1)
ancomycin-intermediate Staphylococcus aureus	—	37	1	91	78	63	37	6	
ancomycin-resistant Staphylococcus aureus	—	—	0	2	1	_	2	1	
'ibriosis (noncholera <i>Vibrio</i> species infections) [§]	13	358	25	846	789	588	549	NN	OH (1), VA (2), GA (1), FL (4), TX (1), CA (4)
'iral hemorrhagic fever ^{¶¶¶}	_	_	_	1	NN	NN	NN	NN	
ellow fever	_	_	_	_	_	_		_	

See Table 1 footnotes on next page.

TABLE I. (*Continued*) Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 20, 2011 (33rd week)*

- ---: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts.
- * Case counts for reporting years 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf.
- † Calculated by summing the incidence counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years. Additional information is available at http://www.cdc.gov/osels/ph_surveillance/nndss/phs/files/5yearweeklyaverage.pdf.
- ⁵ Not reportable in all states. Data from states where the condition is not reportable are excluded from this table except starting in 2007 for the arboviral diseases, STD data, TB data, and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/osels/ph_surveillance/nndss/phs/infdis.htm.
- ¹ Includes both neuroinvasive and nonneuroinvasive. Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for West Nile virus are available in Table II.
- ** Data for H. influenzae (all ages, all serotypes) are available in Table II.
- ^{††} Updated weekly from reports to the Influenza Division, National Center for Immunization and Respiratory Diseases. Since October 3, 2010, 114 influenza-associated pediatric deaths occurring during the 2010-11 influenza season have been reported.
- ^{§§} No measles cases were reported for the current week.
- ^{¶¶} Data for meningococcal disease (all serogroups) are available in Table II.
- *** CDC discontinued reporting of individual confirmed and probable cases of 2009 pandemic influenza A (H1N1) virus infections on July 24, 2009. During 2009, four cases of human infection with novel influenza A viruses, different from the 2009 pandemic influenza A (H1N1) strain, were reported to CDC. The four cases of novel influenza A virus infection reported to CDC during 2010, and the two cases reported during 2011, were identified as swine influenza A (H3N2) virus and are unrelated to the 2009 pandemic influenza A (H1N1) virus. Total case counts for 2009 were provided by the Influenza Division, National Center for Immunization and Respiratory Diseases (NCIRD).
- ^{†††} No rubella cases were reported for the current week.
- ^{\$55} Updated weekly from reports to the Division of STD Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention.
- 1919 There was one case of viral hemorrhagic fever reported during week 12 of 2010. The one case report was confirmed as lassa fever. See Table II for dengue hemorrhagic fever.

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals August 20, 2011, with historical data



* Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

Notifiable Disease Data Team and 122 Cities Mortality Data TeamJennifer WardDeborah A. AdamsRosaline DharaWillie J. AndersonPearl C. SharpLenee BlantonMichael S. Wodajo

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending	ng August 20, 2011, and August 21, 2010 (33rd week)*
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Reporting areaWWUnited States12,New EnglandConnecticutMaine†MassachusettsNew HampshireRhode Island†Vermont†Mid. AtlanticNew JerseyNew York (Upstate)New York (Upstate)New York CityPennsylvaniaI,IllinoisIndianaMichiganOhioWisconsinW.N. CentralIowaKansasMissouriNorth DakotaSouth DakotaS. AtlanticSouth DakotaZ,DelawareDistrict of ColumbiaFloridaGeorgiaMaryland†North CarolinaSouth Carolina†Virginia†Wsc. Central2,Arkansas†LouisianaOklahomaTexas†Noth Dakota2,Arkansas†LouisianaOklahomaTexas†Noth CarolinaSouth Carolina	urrent week 2,479 766 251 4 31 25 1,998 141 725 193 939 1,243 231 610 207 231 610 207 486 48 7 206 486 7 275 598 9 200 486 7 2,755 59	Previous : Med 25,885 839 218 58 406 53 73 27 3,352 528 712 1,130 957 3,985 1,436 212 192 285 528 1,436 212 192 285 528 1,436 212 192 528 1,436 212 192 528 1,436 215 1,436 2,157 1,457 1,	Max 31,142 2,043 1,557 100 860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	Cum 2011 809,675 27,371 6,080 1,926 14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	Cum 2010 814,166 25,706 6,658 1,591 13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420 1,971	Current week	Previous 5 Med 148 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 weeks Max 567 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	Cum 2011 10,802 1 3 3 - - 3 3 5 - 20 15 - 6 6 - - - 20 15 - - - - - - - - - - - - - - - - - -	Cum 2010 NN NN NN NN NN NN NN NN NN NN NN NN NN	Current week 192 2 1 1 - 1 1 1 1 1 1 1 1 6 79 - 3 6 79 9 41 1 1 - 33	Previous 5 Med 134 5 0 1 3 1 0 1 3 1 0 1 1 7 9 8 19 7 0 0 4 5 9 8 19 7 0 4 5 9 8 19 7 0 0 4 5 9 8 19 19 10 10 10 10 10 10 10 10 10 10	Max 416 47 41 5 9 4 1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	Cum 2011 4,499 41 34 89 36 1 1 28 549 20 121 40 368 1,151 84 405 261 709 235 4 209 235 4 201 33	Cum 2010 5,304 352 77 69 104 42 21 4 46 516 24 115 50 327 1,514 213 275 613 275 613 1,078 236 74 268 295
Reporting areaWWUnited States12,New EnglandConnecticutMaine†MassachusettsNew HampshireRhode Island†Vermont†Mid. AtlanticNew JerseyNew York (Upstate)New York (Upstate)New York CityPennsylvaniaI,IllinoisIndianaMichiganOhioWisconsinW.N. CentralIowaKansasMissouriNorth DakotaSouth DakotaS. AtlanticSouth DakotaZ,DelawareDistrict of ColumbiaFloridaGeorgiaMaryland†North CarolinaSouth Carolina†Virginia†Wsc. Central2,Arkansas†LouisianaOklahomaTexas†Noth Dakota2,Arkansas†LouisianaOklahomaTexas†Noth CarolinaSouth Carolina	week 2,479 766 251 455 431 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 28 2,755 59	25,885 839 218 58 406 53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	31,142 2,043 1,557 100 860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	2011 809,675 27,371 6,080 1,926 14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	2010 814,166 25,706 6,658 1,591 13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420	week 76	148 0 0 0 0 0 0 0 0 0 0 0 0 0	567 1 0 0 1 0 0 1 0 0 1 4 0 0 1 4 0 0 3 3 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	2011 10,802 1 	2010 NN NN NN NN NN NN NN NN NN NN NN NN NN	week 192 2 - - - 1 - 11 - 11 - 13 6 79 - 3 67 9 41 1 -	Med 134 5 0 1 3 1 0 1 17 1 4 2 9 32 3 4 5 9 8 19 7 0 0 0	416 47 41 5 9 4 1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 7	2011 4,499 229 41 34 89 36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 4 209	2010 5,304 352 77 69 104 42 14 46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
New England Connecticut Maine [†] Massachusetts New Hampshire Rhode Island [†] Vermont [†] Mid. Atlantic New Jersey New York (Upstate) New York (Upstate) New York City Pennsylvania E.N. Central Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	766 251 4 455 4 31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 225 59 - - - - - - - - - - - - -	839 218 58 406 53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	2,043 1,557 100 860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	27,371 6,080 1,926 14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	25,706 6,658 1,591 13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			1 0 0 1 0 0 1 0 0 0 1 4 0 0 3 3 0 2 0 0 0 0 0	1 1 3 3 35 20 15 - 6 - - - - - - - - - - - - -	NN NN NN NN NN NN NN NN NN NN NN NN NN	2 1 - 1 1 1 1 - 1 1 - 1 - - - - - - - - - - - - -	5 0 1 3 1 0 1 1 7 4 2 9 32 3 4 5 9 8 8 19 7 0 0	47 41 5 9 4 1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	229 41 34 89 36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	352 77 69 104 42 14 46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 1,078 236 74 268
New England Connecticut Maine [†] Massachusetts New Hampshire Rhode Island [†] Vermont [†] Mid. Atlantic New Jersey New York (Upstate) New York (Upstate) New York City Pennsylvania E.N. Central Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina South Carolina South Carolina South Carolina Kentucky Mississippi Tennessee [†] W.S. Central Akansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	766 251 4 455 4 31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 225 59 - - - - - - - - - - - - -	839 218 58 406 53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	2,043 1,557 100 860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	27,371 6,080 1,926 14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	25,706 6,658 1,591 13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			0 0 1 0 0 1 0 0 1 4 0 0 3 3 0 2 0 0 0 0	1 1 3 3 35 20 15 - 6 - - - - - - - - - - - - -	NN NN NN NN NN NN NN NN NN NN NN NN NN	1 1 117 1 11 6 79 3 67 3 67 3 67 3 41 11 3	0 1 3 1 0 1 1 7 4 2 9 32 3 4 5 9 8 8 19 7 0 0	41 5 9 4 1 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	229 41 34 89 36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	352 77 69 104 42 14 46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 1,078 236 74 268
Connecticut Maine [†] Massachusetts New Hampshire Rhode Island [†] Vermont [†] Mid. Atlantic 1, New Jersey New York (Upstate) New York City Pennsylvania 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina South Carolina South Carolina South Carolina South Carolina South Carolina South Carolina Kentucky Mississippi Tennessee [†] W.S. Central Q. Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	251 455 4 31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 28 27 59 	218 58 406 53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	1,557 100 860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	6,080 1,926 14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	6,658 1,591 13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			0 0 1 0 0 1 0 0 1 4 0 0 3 3 0 2 0 0 0 0	1 3 3 355 3 200 155 6 6 	NN NN NN NN NN NN NN NN NN NN NN NN NN	1 1 117 1 11 6 79 3 67 3 67 3 67 3 41 11 3	0 1 3 1 0 1 1 7 4 2 9 32 3 4 5 9 8 8 19 7 0 0	41 5 9 4 1 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	41 34 89 36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	77 69 104 42 14 46 516 24 115 500 327 1,514 212 191 223 275 613 1,078 236 74 268
Massachusetts New Hampshire Rhode Island [†] Vermont [†] Mid. Atlantic 1, New Jersey New York (Upstate) New York (Upstate) New York City Pennsylvania E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Noth Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina [†] North Carolina Florida Georgia Maryland [†] North Carolina South Carolina South Carolina South Carolina South Carolina South Carolina South Carolina Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	455 4 31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 — 486 48 7 486 48 7 28 2,755 59 _	406 53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 333 63 5,105	860 81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	14,092 1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	13,057 1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			0 1 0 1 0 0 1 4 0 0 3 3 0 2 0 0 0 0 0		NN NN NN NN NN NN NN NN NN NN NN NN NN	1 117 6 79 3 67 3 67 9 41 1	3 1 0 1 17 1 4 2 9 32 3 4 5 9 8 19 7 0 0	9 4 1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	89 36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	104 42 14 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
New Hampshire Rhode Island [†] Vermont [†] Mid. Atlantic 1, New Jersey New York (Upstate) New York City Pennsylvania 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississispi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	4 31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 486 48 7 227 559 486 48 7 28 22,755 59 9 	53 73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 51,436 212 192 285 528 106 33 63 5,105 83 105	81 154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	1,740 2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	1,468 2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			1 0 0 0 0 1 4 0 0 3 3 0 2 0 0 0 0 0	1 20 15 6 	NN NN NN NN NN NN NN NN NN NN NN NN NN	1 17 6 79 3 67 3 67 3 41 1	1 0 1 17 1 4 2 9 32 3 4 5 9 8 19 7 0 0 0	4 1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	36 1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	42 14 46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
Rhode Island [†] Vermont [†] Mid. Atlantic 1, New Jersey New York (Upstate) New York (Upstate) New York City Pennsylvania E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	31 25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 486 48 7 28 2,755 59 	73 27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105	154 84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	2,609 924 100,870 16,953 22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	2,118 814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			0 0 1 0 0 1 4 0 3 3 0 2 0 0 0 0 0	3 3 35 20 15 6 6	NN NN NN NN NN NN NN NN NN NN NN NN NN	1 17 6 79 3 67 9 41 1 	0 1 17 4 2 9 32 3 4 5 9 8 19 7 0 0	1 4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	1 28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	14 46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
Vermont [†] Mid. Atlantic 1, New Jersey New York (Upstate) New York City Pennsylvania E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central lowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina Florida Georgia Maryland [†] North Carolina South Carolina Florida South Carolina South Carolina South Carolina South Carolina Kisissippi Tennessee [†] W.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Oklahoma Texas [†] 1, Mountain	25 1,998 141 725 193 939 1,243 27 231 610 207 168 598 9 20 — 486 48 7 28 2,755 59 —	27 3,352 528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105	84 5,069 905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	924 100,870 16,953 22,597 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	814 106,109 16,482 20,787 39,216 29,624 129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420			0 1 0 0 1 4 0 0 3 3 0 2 0 0 0 0 0		NN NN NN NN NN NN NN NN NN NN NN NN	17 11 6 79 3 67 9 41 1 	1 17 4 2 9 32 3 4 5 9 8 19 7 0 0	4 38 4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	28 549 20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	46 516 24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
New Jersey New York (Upstate) New York City Pennsylvania E.N. Central Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Qklahoma Texas [†] 1, Mountain	141 725 193 939 1,243 27 231 610 207 168 598 9 20 — 486 48 48 48 7 2 8 2,755 59 	528 712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	905 2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	16,953 22,597 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	16,482 20,787 39,216 29,624 129,335 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 4 0 0 3 3 0 2 0 0 0 0 0		NN NN NN NN NN NN NN NN NN NN NN NN	6 79 3 67 3 41 	1 4 2 9 32 3 4 5 9 8 19 7 0 0	4 13 6 26 121 20 14 18 39 65 132 29 5 21 57	20 121 40 368 1,151 84 153 188 465 261 709 235 4 209	24 115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
New Jersey New York (Upstate) New York (Upstate) New York City Pennsylvania E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Noth Dakota South Dakota South Dakota South Dakota South Dakota South Dakota S. Atlantic 2, Delaware District of Columbia Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Qkalahoma Texas [†] 1, Mountain	725 193 939 1,243 27 231 610 207 168 598 9 20 	712 1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	2,099 2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	22,597 29,007 32,313 123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	20,787 39,216 29,624 129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 4 0 0 3 3 0 2 0 0 0 0 0		NN NN NN NN NN NN NN NN NN NN	11 6 79 3 67 9 41 1 	4 2 9 32 3 4 5 9 8 19 7 7 0 0	13 6 26 121 20 14 18 39 65 132 29 5 21 57	121 40 368 1,151 84 153 188 465 261 709 235 4 209	115 50 327 1,514 212 191 223 275 613 1,078 236 74 268
New York City Pennsylvania E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Columbia Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	193 939 1,243 27 231 610 207 168 598 9 20 — 486 48 7 20 — 486 48 7 28 2,755 59 —	1,130 957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	2,612 1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	29,007 32,313 123,061 30,830 29,964 31,617 14,120 44,730 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	39,216 29,624 129,335 38,155 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 4 0 3 3 0 2 0 0 0 0 0	3 35 	NN NN NN NN NN NN NN NN NN NN		2 9 32 3 4 5 9 8 19 7 0 0	6 26 121 20 14 18 39 65 132 29 5 21 57	40 368 1,151 84 153 188 465 261 709 235 4 209	50 327 1,514 212 191 223 275 613 1,078 236 74 268
Pennsylvania E.N. Central Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Qkalhoma Texas [†] 1, Mountain	939 1,243 27 231 610 207 168 598 9 200 — 486 48 7 486 48 7 28 2,755 59 —	957 3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105	1,239 7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	32,313 123,061 30,830 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	29,624 129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 0 3 3 0 2 0 0 0 0 0	3 35 20 15 6 	NN NN NN NN NN NN NN NN NN	6 79 — 3 67 9 41 1 —	9 32 3 4 5 9 8 19 7 0 0	26 121 20 14 18 39 65 132 29 5 21 57	368 1,151 84 153 188 465 261 709 235 4 209	327 1,514 212 191 223 275 613 1,078 236 74 268
E.N. Central 1, Illinois Indiana Michigan Ohio Wisconsin Wisconsin W.N. Central Iowa Iowa Kansas Minnesota Missouri North Dakota South Dakota South Dakota South Dakota South Dakota Delaware District of Columbia Florida Florida Georgia Maryland† North Carolina* South Carolina* Virginia* E.S. Central Alabama* Alabama* Z, Mississispipi Tennessee* W.S. Central 2, Arkansas* Louisiana Oklahoma Texas* Mountain Mountain	1,243 27 231 610 200 486 486 7 28 2,755 59 	3,985 1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	7,039 1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	123,061 30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	129,335 38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 3 3 0 2 0 0 0 0 0	35 	NN NN NN NN NN NN NN NN	79 — 3 67 9 41 1 —	32 3 4 5 9 8 19 7 0 0	121 20 14 18 39 65 132 29 5 21 57	1,151 84 153 188 465 261 709 235 4 209	1,514 212 191 223 275 613 1,078 236 74 268
Illinois Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri North Dakota South Dakota South Dakota South Dakota S. Atlantic 2, Delaware District of Columbia Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	27 231 610 207 168 598 9 20 486 488 7 28 2,755 59 	1,084 457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	1,320 3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	30,830 16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	38,155 12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420	1 	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 3 0 2 0 0 0 0 0	 20 15 6 	NN NN NN NN NN NN NN	 3 67 9 41 1 	3 4 5 9 8 19 7 0	20 14 18 39 65 132 29 5 21 57	84 153 188 465 261 709 235 4 209	212 191 223 275 613 1,078 236 74 268
Indiana Michigan Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Dakota South Dakota South Columbia Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	231 610 207 168 598 9 20 486 48 48 48 7 28 2,755 59 	457 917 1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	3,376 1,404 1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	16,530 29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	12,396 31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 0 2 0 0 0 0 0	 20 15 6 	NN NN NN NN NN NN NN	3 67 9 41 1 	4 5 9 8 19 7 0 0	14 18 39 65 132 29 5 21 57	153 188 465 261 709 235 4 209	191 223 275 613 1,078 236 74 268
Ohio Wisconsin W.N. Central Iowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota S. Atlantic Delaware District of Columbia Florida Georgia Maryland [†] North Carolina [†] South Carolina [†] North Carolina [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	207 168 598 9 20 486 48 7 28 2,755 59 	1,002 455 1,436 212 192 285 528 106 33 63 5,105 83 105	1,134 559 1,645 254 288 367 759 218 90 93 6,531 220	29,964 31,617 14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	31,635 32,473 14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420	1 	0 0 0 0 0 0 0 0 0	3 0 2 0 0 0 0 0	15 — 6 —	NN NN NN NN NN	67 9 41 1 	9 8 19 7 0 0	39 65 132 29 5 21 57	465 261 709 235 4 209	275 613 1,078 236 74 268
Wisconsin W.N. Central lowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota S. Atlantic 2, Delaware District of Columbia Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Qklahoma Texas [†] 1, Mountain	168 598 9 20 486 48 7 28 2,755 59 —	455 1,436 212 192 285 528 106 33 63 5,105 83 105	559 1,645 254 288 367 759 218 90 93 6,531 220	14,120 44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	14,676 45,591 6,619 6,156 9,849 16,356 3,220 1,420		0 0 0 0 0 0 0 0	0 2 0 0 0 0	6 	NN NN NN NN	9 41 1 	8 19 7 0 0	65 132 29 5 21 57	261 709 235 4 209	613 1,078 236 74 268
W.N. Central lowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota South Calona Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	598 9 20 486 48 7 28 2,755 59 —	1,436 212 192 285 528 106 33 63 5,105 83 105	1,645 254 288 367 759 218 90 93 6,531 220	44,730 6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	45,591 6,619 6,156 9,849 16,356 3,220 1,420	 	0 0 0 0 0 0	2 0 0 0 0	6 	NN NN NN NN	41 1 —	19 7 0 0	132 29 5 21 57	709 235 4 209	1,078 236 74 268
lowa Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Dakota S. Atlantic 2, Delaware District of Columbia Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	9 20 486 48 7 28 2,755 59 —	212 192 285 528 106 33 63 5,105 83 105	254 288 367 759 218 90 93 6,531 220	6,556 6,312 7,418 17,722 3,893 744 2,085 170,029	6,619 6,156 9,849 16,356 3,220 1,420	 	0 0 0 0 0	0 0 0 0	_	NN NN NN	1 	7 0 0	29 5 21 57	235 4 209	236 74 268
Kansas Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota S. Atlantic Delaware District of Columbia Florida Florida Georgia Maryland [†] North Carolina South Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	20 — 486 48 7 28 2,755 59 —	192 285 528 106 33 63 5,105 83 105	288 367 759 218 90 93 6,531 220	6,312 7,418 17,722 3,893 744 2,085 170,029	6,156 9,849 16,356 3,220 1,420	 	0 0 0 0	0 0 0	—	NN NN	_	0 0	5 21 57	4 209	74 268
Minnesota Missouri Nebraska [†] North Dakota South Dakota South Dakota South Carolina Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Qkalhoma Texas [†] 1, Mountain		285 528 106 33 63 5,105 83 105	367 759 218 90 93 6,531 220	7,418 17,722 3,893 744 2,085 170,029	9,849 16,356 3,220 1,420	 	0 0 0	0 0		NN	_	0	21 57	209	268
Missouri Nebraska [†] North Dakota South Dakota South Dakota Sitrict of Columbia Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	48 7 28 2,755 59 —	528 106 33 63 5,105 83 105	759 218 90 93 6,531 220	17,722 3,893 744 2,085 170,029	16,356 3,220 1,420	—	0				33	4	57		
North Dakota South Dakota S. Atlantic 2, Delaware District of Columbia Florida Georgia Maryland [†] North Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	7 28 2,755 59 —	33 63 5,105 83 105	90 93 6,531 220	744 2,085 170,029	1,420	—	0	2						122	
South Dakota S. Atlantic 2, Delaware 2, District of Columbia Florida Georgia Maryland† North Carolina South Carolina† Virginia† West Virginia E.S. Central Alabama† Kentucky Mississippi Tennessee† W.S. Central 2, Arkansas† Louisiana Oklahoma Texas† 1, Mountain	28 2,755 59 —	63 5,105 83 105	93 6,531 220	2,085 170,029					6	NN	7	4	26		110
S. Atlantic 2, Delaware 2, District of Columbia Florida 6, Georgia 4, Maryland† 1, North Carolina 5, South Carolina† 4, Virginia† 4, West Virginia E.S. Central 4, Alabama† 5, Kentucky 4, Mississispi Tennessee† 2, Arkansas† 2, Arkansas† 2, Arkansas† 1, Mountain 4,	2,755 59 —	5,105 83 105	6,531 220	170,029	1,971		0	0 0	_	NN NN	_	0 2	9 13	16 112	16 79
Delaware District of Columbia Florida Georgia Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississisppi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	59	83 105	220		163,822	_	0	2	3	NN	18	21	57	731	658
District of Columbia Florida Georgia Maryland† North Carolina South Carolina† Virginia† West Virginia E.S. Central Alabama† Kentucky Mississippi Tennessee† W.S. Central 2, Arkansas† Louisiana Oklahoma Texas† 1, Mountain	—	105		2,695	2,675	_	0	0	_	NN	10	21	1	6	5
Georgia Maryland† North Carolina South Carolina† Virginia† West Virginia E.S. Central Alabama† Kentucky Mississippi Tennessee† W.S. Central 2, Arkansas† Louisiana Oklahoma Texas† 1, Mountain		1 400	180	2,844	3,365	_	0	Ő	_	NN	_	0	1	5	2
Maryland [†] North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	654	1,492	1,706	48,019	48,014	—	0	0	—	NN	15	8	23	291	242
North Carolina South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississispi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	698	971	2,384	32,943	27,910	—	0	0		NN	1	5	11	177	179
South Carolina [†] Virginia [†] West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	531	451 774	1,125 1,477	12,910 29,153	15,097 28,606	_	0	2 0	3	NN NN	1	1 0	6 17	41 36	25 47
West Virginia E.S. Central Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	465	528	946	17,928	16,500	_	Ő	Ő	_	NN	_	2	8	79	70
E.S. Central Alabama [†] Kentucky Mississispipi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	348	659	965	20,989	19,350	—	0	0	—	NN	1	2	8	80	76
Alabama [†] Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	—	78	121	2,548	2,305	_	0	0	_	NN	—	0	5	16	12
Kentucky Mississippi Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	957	1,805	3,314	59,507	58,496	—	0	0	_	NN	4	7	24	185	165
Mississippi Tennessee [†] 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	312 335	539 261	1,564 2,352	17,914 9,931	16,566 10,045	_	0	0 0	_	NN NN	_	3 1	15 4	84 27	71 50
Tennessee [†] W.S. Central 2, Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain		398	614	12,722	14,012	_	0	0	_	NN	_	0	2	16	9
Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	310	591	795	18,940	17,873	_	Ő	Õ	_	NN	4	1	5	58	35
Arkansas [†] Louisiana Oklahoma Texas [†] 1, Mountain	2,575	3,327	4,338	110,353	113,037	_	0	1	1	NN	13	7	62	234	244
Oklahoma Texas [†] 1, Mountain	325	311	440	10,447	9,895	_	0	0	_	NN	1	0	3	11	22
Texas [†] 1, Mountain		526	1,052	13,302	16,448	_	0	1	1	NN	_	0	9	29	35
Mountain	668 1,582	224 2,380	850 3,107	6,899 79,705	9,158	_	0 0	0 0	_	NN NN	3 9	2 4	34 28	58 136	51 136
mountain	667	1,628	2,155	52,556	77,536 52,618	 69	106	432	8,557	NN	13	12	30	387	374
	315	511	698	15,998	17,256	69	100	432	8,453	NN		12	4	25	23
	226	412	847	14,672	12,162	_	0	0		NN	6	3	12	109	85
ldaho [†]	—	57	179	1,630	2,558	_	0	0	_	NN	1	2	9	78	61
Montana [†]	74	60	83	2,088	1,909	_	0	1	2	NN	5	1	6	50	33
Nevada [†] New Mexico [†]	_	199 197	380 1,183	6,661 6,174	6,461 6,819	_	1 0	5 4	60 31	NN NN	_	0 2	7 12	3 76	23 82
Utah	52	130	1,185	4,151	4,149	_	0	2	8	NN	_	1	5	27	49
Wyoming [†]		38	90	1,182	1,304	_	0	2	3	NN	1	0	5	19	18
Pacific	920	3,882	6,559	121,198	119,452	6	47	142	2,196	NN	5	11	29	324	403
Alaska	_	109	157	3,432	3,948	_	0	0	_	NN	—	0	3	7	2
	448	2,957	5,763	93,231	91,131	6	46	142	2,191	NN	3	6	19	194	216
Hawaii Oregon		108 264	138 524	2,936 8,616	3,898 7,152	_	0 0	0 1	5	NN NN	1	0 3	0 20	78	1 130
		430	524	12,983	13,323	_	0	0		NN	1	1	20	45	54
	189 283			,	.,-=5		-	-					-		
Territories American Samoa	189	0	0	_	_	_	0	0	_	NN	Ν	0	0	Ν	Ν
C.N.M.I.	189		—	_	_	_	_	—	_	NN	_	—	—	_	_
Guam	189	_	81	189	615	_	0	0	_	NN	_	0	0	_	_
Puerto Rico U.S. Virgin Islands	189	5 104	349	3,516	4,003	_	0	0 0	_	NN NN	N	0 0	0 0	N	N

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly.

[†] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

					Dengue Viru	us Infection [†]				
		C	engue Fever ^٤	i			Dengue H	lemorrhagic F	ever [¶]	
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	_	3	55	64	450	_	0	2	_	6
lew England	_	0	3	1	5	_	0	0	_	_
Connecticut	—	0	0	_	_	—	0	0	—	—
Maine**	—	0	2	—	3	—	0	0	—	_
Massachusetts	—	0	0	_	_	—	0	0	_	_
New Hampshire Rhode Island**	—	0 0	0 1	_	—	—	0	0 0	_	_
Vermont**	_	0	1	1	2	_	0	0	_	_
	_					_				
lid. Atlantic New Jersey	_	1 0	25 3	19	153 19	_	0 0	1 0	_	3
New York (Upstate)	_	Ő	5		23		0	1	_	1
New York City	_	õ	17	10	94	_	õ	1	_	2
Pennsylvania	_	0	2	9	17	_	0	0	_	_
.N. Central	_	0	7	4	37		0	1	_	1
Illinois	_	õ	2	1	9	_	õ	0 0	_	
Indiana	_	0	2	1	9	_	0	0	_	_
Michigan	_	0	2	_	5	_	0	0	_	_
Ohio	—	0	2		11	—	0	0	—	—
Wisconsin	_	0	2	2	3	_	0	1	_	1
V.N. Central	_	0	6	1	21	_	0	1	_	_
lowa	—	0	1	—	1	—	0	0	—	_
Kansas	_	0	1	1	3	_	0	0	_	_
Minnesota	—	0	1	—	12	—	0	0	—	—
Missouri	_	0	1	_	4	-	0	0	_	_
Nebraska**	—	0	6	_	1	_	0	0	_	—
North Dakota South Dakota	—	0 0	0 0	_	1	—	0	0 1	_	_
	_				_	_				
Atlantic	—	1	17	20	164	—	0	1	_	1
Delaware District of Columbia	_	0 0	0 0	_	_	_	0	0 0	_	_
Florida	_	1	13	16	127	_	0	1	_	1
Georgia	_	0	2	3	9	_	0	0	_	_
Maryland**	_	0	0			_	0	0	_	_
North Carolina	_	õ	1	1	4	_	õ	õ	_	_
South Carolina**	_	0	1	_	12	_	0	0	_	_
Virginia**	_	0	3	_	10	_	0	0	_	_
West Virginia	—	0	0	_	2	_	0	0	_	_
.S. Central	_	0	1	_	5	_	0	0		_
Alabama**	—	0	1	_	2	_	0	0	_	_
Kentucky	_	0	1	_	2	—	0	0	_	_
Mississippi	_	0	0	_	—	_	0	0	_	_
Tennessee**	—	0	0	—	1	—	0	0	—	—
/.S. Central	—	0	4	4	21	—	0	0	—	1
Arkansas**	—	0	0			—	0	0	—	1
Louisiana	_	0	2	1	4	-	0	0	_	_
Oklahoma	—	0	1	_	4	—	0	0	_	_
Texas**	—	0	2	3	13	—	0	0	—	_
lountain	_	0	2	3	13	-	0	0	_	_
Arizona Colorado	_	0 0	2 0	2	5	_	0	0 0	_	_
Idaho**	_	0	1		1	_	0	0	_	_
Montana ^{**}	_	0	1	_	3	_	0	0	_	_
Nevada**	_	õ	1	_	3	_	Ő	Ő	_	
New Mexico**	_	õ	0		1	_	õ	õ	_	_
Utah	_	0	1	1	_	_	0	0	_	_
Wyoming**	_	0	0	_	_	_	0	0	_	_
acific	_	0	7	12	31	_	0	0	_	_
Alaska	_	õ	Ó	_	1	_	ŏ	õ	_	_
California	_	0	5	2	22	_	0	0	_	_
Hawaii	—	0	4	5	_	—	0	0	—	_
Oregon	_	0	0		_	_	0	0	_	—
Washington	—	0	2	5	8	_	0	0	—	—
erritories										
American Samoa	_	0	0	_	_	_	0	0	_	_
C.N.M.I.	—	_	_		—	—	—	_	—	—
Guam	_	0	0			_	0	0	_	
Puerto Rico	_	21	530	387	6,870	_	0	17	4	158
U.S. Virgin Islands	_	0	0	_	_	_	0	0	_	_

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

C.N.M.I. Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. [†] Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance).

[§] Dengue Fever includes cases that meet criteria for Dengue Fever with hemorrhage, other clinical and unknown case classifications.

[¶] DHF includes cases that meet criteria for dengue shock syndrome (DSS), a more severe form of DHF.

** Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

							Ehrlichio	sis/Anapla	smosis†						
		Ehrli	chia chaffe	ensis			Anaplasm	a phagocy	tophilum			Und	letermined	1	
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	5	7	109	461	479	18	16	40	323	1,324	1	1	13	56	71
New England	—	0	2	3	3	1	2	15	84	65	—	0	1	1	2
Connecticut Maine [§]	_	0	0 1	1	2	_	0	6 2	 11	25 13	_	0	0 0	_	_
Massachusetts	_	0	0	_	—	_	0	10	49	—	_	0	0	_	_
New Hampshire Rhode Island [§]	_	0	1	1 1	1	1	0	4 6	9 12	10 16	_	0	1 0	1	2
Vermont [§]	_	0	0	_	_	_	0	1	3	1	_	0	0	_	_
Mid. Atlantic	3	1	7	42	68	16	4	27	166	174	_	0	2	7	8
New Jersey New York (Upstate)	3	0	1 7	 38	44 18	 16	0 3	3 25	145	54 110	_	0	0 2	7	1 5
New York City		0	1	30 4	5		0	25 5	145	10	_	0	2	_	
Pennsylvania	—	0	1	_	1	—	0	1	2	—	—	0	1	_	2
E.N. Central	_	0	3	18	32	1	1	13	9	414	_	0	4	22	39
Illinois Indiana	_	0	2 0	9	11	_	0	1 0	2	4	_	0	1 3	2 17	3 14
Michigan	_	Ő	2	4	1	_	0	1	_	2	_	0	1	1	—
Ohio Wisconsin	_	0	1	5	5 15	1	0 0	1 13	4 3	2 406	_	0	1	1 1	22
Wisconsin W.N. Central	_	1	1 17	122	106	_	1	20	23	408 609	1	0	1 11	15	8
lowa	Ν	0	0	N	N	Ν	0	0	N	N	N	0	0	N	N
Kansas	_	0	1	2	6	_	0	0	_	1	_	0	0	_	_
Minnesota Missouri	_	0	12 17	 119	99	_	0	20 6	1 21	598 10	1	0	11 7	14	8
Nebraska [§]	_	0	1	_	1	_	0	0	—	_	_	0	1	1	_
North Dakota South Dakota	N	0	0 1	N 1	N	N	0	0 1	N 1	N	N	0	0 0	N	N
S. Atlantic	1	3	32	160	183	_	1	8	32	45	_	0	1	4	3
Delaware	_	0	2	14	15	_	0	1	1	4	_	0	0	_	_
District of Columbia	N	0	0	N	N	Ν	0	0	N	N	N	0	0	N	Ν
Florida Georgia	_	0	3 3	13 15	7 19	_	0	1 2	3 7	2 1	_	0	0 1	1	1
Maryland [§]	—	0	3	19	17	—	0	1	2	12	—	0	0	_	2
North Carolina South Carolina [§]	_	0	17 1	38	61 4	_	0	6 1	14	18	_	0	0 0	_	_
Virginia [§]	1	1	12	61	58	_	0	2	5	8	_	0	1	2	_
West Virginia		0	1		2	—	0	0			—	0	1	1	_
E.S. Central Alabama [§]	1	0 0	7 1	51	69 10	_	0 0	2 1	9 3	16 6	N	0	1 0	5 N	8 N
Kentucky	_	0	2	9	10	_	0	0		_		0	0		1
Mississippi	_	0	1	3	3	_	0	1	_	2	_	0	0	_	1
Tennessee [§]	1	0 0	5 87	39 65	45 17	_	0 0	1 9	6	8 1	_	0	1 0	5	6 1
W.S. Central Arkansas [§]	_	0	10	31	2	_	0	2	_	_	_	0	0	_	_
Louisiana	—	0	0	_	1	_	0	0	_		_	0	0	—	—
Oklahoma Texas [§]	_	0	82 1	33 1	11 3	_	0 0	7 1	_	1	_	0	0	_	1
Mountain	_	0	0	_		_	0	0	_	_	_	0	1	2	_
Arizona	_	0	0	_	_	_	0	0	_	_	_	0	1	2	_
Colorado Idaho [§]	N N	0 0	0 0	N N	N N	N N	0	0 0	N N	N N	N N	0	0 0	N N	N N
Montana [§]	N	0	0	N	N	N	0	0	N	N	N	0	0	N	N
Nevada [§]	N	0	0	N	N	N	0	0	N	N	N	0	0	N	N
New Mexico [§] Utah	N	0	0 0	N	N	N	0	0 0	N	N	N	0	0 0	N	N
Wyoming [§]	_	Ő	Ő	_	_	_	0	Ő	_	_	_	Ő	Ő	_	_
Pacific	_	0	1	_	1	_	0	0	_	_	—	0	0	_	2
Alaska California	N	0	0 1	N	N 1	N	0 0	0 0	N	N	N	0	0	N	N 2
Hawaii	N	0	0	N	N	N	0	0	N	N	N	0	0	N	N
Oregon	-	0	0	_	—	_	0	0	_	_	—	0	0	_	—
Washington	_	0	0	_	_	_	0	0	_	_	_	0	0	_	
Territories American Samoa	N	0	0	N	N	N	0	0	N	N	Ν	0	0	N	N
C.N.M.I.	—	_	_	_	_	_	_	_	_	—	_	—	_	_	_
Guam Puerto Rico	N N	0 0	0 0	N N	N N	N N	0 0	0 0	N N	N N	N N	0 0	0 0	N N	N N
U.S. Virgin Islands		0	0				0	0				0	0		

C.N.M.I. Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly.

⁺ Cumulative total *E. ewingii* cases reported for year 2010 = 10, and 10 cases reported for 2011. [§] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

			Giardiasis	5				Gonorrhe	a		Ha	emophilus i All ages	<i>nfluenzae,</i> , all seroty		
Poporting area	Current		52 weeks	Cum	Cum	Current	Previous 5		Cum	Cum	Current	Previous 5		Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	191	283	549	8,530	11,940	3,070	5,804	7,484	182,209	191,016	25	64	141	2,087	1,995
New England Connecticut	8	25 4	50 12	719 104	1,045 186	104 51	100 43	206 150	3,272 1,403	3,375 1,545	_	4	12 6	134 33	118 25
Maine [§]	3	3	11	98	124	_	3	10	120	117	_	0	2	15	9
Massachusetts	—	12	23	343	440	45	49	80	1,436	1,419	—	2	6	62	60
New Hampshire Rhode Island [§]	_	2 1	5 7	60 29	122 47	1 7	2 7	7 16	81 203	93 155	_	0 0	2 2	10 9	8 10
Vermont [§]	5	2	10	85	126	_	0	8	203	46	_	0	3	5	6
Mid. Atlantic	38	57	106	1,687	1,973	438	721	1,121	22,298	21,689	8	12	32	451	380
New Jersey	_	7	20	132	293	27	124	199	4,297	3,515	_	2	7	71	67
New York (Upstate)	32	20	72	606	652	119	114	271	3,542	3,283	2	3	18	122	100
New York City Pennsylvania	6	17 16	28 27	508 441	563 465	50 242	235 257	497 364	6,204 8,255	7,431 7,460	6	3 4	6 11	92 166	62 151
E.N. Central	33	47	99	1,368	2,060	342	1,031	2,091	32,058	35,376	_	11	22	368	323
Illinois		9	31	232	481	7	269	369	7,671	9,695	_	3	10	111	111
Indiana	_	6	14	158	262	65	112	1,018	4,001	3,518	_	2	7	67	65
Michigan	4	10	25	281	426	169	235	490	7,596	8,819	—	1	4	41	24
Ohio Wisconsin	28 1	16 8	29 35	493 204	519 372	61 40	322 95	385 127	9,938 2,852	10,262 3,082	_	2 1	7 5	103 46	78 45
Wisconsin W.N. Central	28	25	73	658	1,285	164	298	363	2,832 9,376	9,082	4	4	10	104	142
lowa	7	5	12	164	187	4	38	57	1,175	1,082	_	0	0		1
Kansas	_	2	10	54	151	5	40	57	1,256	1,301	_	0	2	14	14
Minnesota	_	0	33		495		37	62	1,027	1,348	_	0	5		49
Missouri Nebraska [§]	12 9	8 4	26 11	253 124	238 139	141 14	145 23	181 49	4,756 757	4,258 739	2 2	1	5 3	56 24	57 13
North Dakota	_	0	12	21	15		3	9	70	123		0	6	9	8
South Dakota	_	1	5	42	60	_	11	20	335	233	_	0	1	1	_
S. Atlantic	45	57	127	1,662	2,395	778	1,462	1,862	45,480	48,636	8	15	30	507	509
Delaware	_	1	5	18	22	10	17	48	522	626	—	0	2	3	5
District of Columbia Florida	27	1 24	3 75	22 725	40 1,281	222	37 379	70 486	1,048 12,198	1,289 12,887	3	0 5	1 12	164	3 121
Georgia	10	14	51	498	476	163	315	874	9,947	9,621		3	7	99	117
Maryland [§]	5	4	10	149	182	_	118	246	3,186	4,376	4	1	4	56	42
North Carolina	N 1	0	0 9	N 67	N 88	168 139	266 151	468 257	9,507	9,564 5,039	1	2	8 5	53 48	87 63
South Carolina [§] Virginia [§]	2	2 7	32	161	284	76	111	185	5,021 3,544	4,921	_	2	8	48 70	57
West Virginia	_	0	8	22	22	_	15	29	507	313	_	0	9	14	14
E.S. Central	_	4	11	105	115	315	495	1,007	16,055	15,872	_	3	11	130	121
Alabama [§]		4	11	105	115	99	161	410	5,416	4,839	—	1	4	40	21
Kentucky Mississippi	N N	0	0 0	N N	N N	110	69 118	712 197	2,685 3,431	2,598 3,913	_	0	4 3	18 12	24 9
Tennessee [§]	N	0	0	N	N	106	140	186	4,523	4,522	_	2	5	60	67
W.S. Central	3	5	17	138	244	678	906	1,319	28,298	30,859	3	2	26	89	94
Arkansas [§]	3	2	9	79	71	86	101	138	3,155	2,966	_	0	3	21	14
Louisiana	_	2	12	59	111	_	143	372	3,735	5,101	_	0	4	29	20
Oklahoma Texas [§]	N	0	0 0	N	62 N	189 403	61 593	254 867	1,978 19,430	2,666 20,126	3	1 0	19 4	38 1	53 7
Mountain	13	26	58	741	1,095	82	191	253	6,212	6,089	1	5	12	183	218
Arizona	1	3	8	78	96	60	68	98	2,350	2,063	_	2	6	73	79
Colorado	7	12	23	367	453	19	45	86	1,333	1,707	_	1	5	43	64
Idaho [§]	3	4	9	89	133		2	14	75	70	1	0	2	14	12
Montana [§] Nevada [§]	2	2	4 11	41 31	72 48	1	1 33	5 103	45 1,247	75 1,185	_	0 0	1 2	2 12	2 5
New Mexico [§]	_	1	6	46	65	_	27	98	988	744	_	1	4	26	26
Utah	_	3	13	73	198	2	4	9	151	220	—	0	3	12	25
Wyoming§		0	5	16	30	_	0	3	23	25	_	0	1	1	5
Pacific	23	48	128	1,452	1,728	169	618	791	19,160	20,036	1	3	10	121	90 16
Alaska California	15	2 32	7 67	55 993	63 1,056	118	20 504	34 695	604 15,780	843 16,391	_	0 0	2 6	16 24	16 15
Hawaii		1	4	23	38		13	26	389	453	_	0	3	17	15
Oregon	1	7	20	190	302	11	23	40	791	641	1	2	6	61	39
Washington	7	8	57	191	269	40	57	86	1,596	1,708	_	0	2	3	5
Territories			•				-	~				~	~		
American Samoa C.N.M.I.	_	0	0	_	_	_	0	0	_	_	_	0	0	_	_
Guam	_	0	1	_	2	_	0	17	6	55	_	0	0	_	_
Puerto Rico	—	1	7	25	55	—	6	14	209	183	—	0	0	—	1
U.S. Virgin Islands	—	0	0	_	—	_	2	5	52	95	—	0	0	—	_

C.N.M.I. Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly.

⁺ Data for H. influenzae (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I. [§] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

							Hepatitis (viral, acut	e), by typ	e					
			А					В					с		
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	2 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	13	22	74	655	996	11	52	167	1,425	2,042	10	17	39	598	507
New England Connecticut	_	1 0	6 4	30 5	75 17	_	1 0	8 4	44 9	39 13	_	1 1	4 3	40 25	36 22
Maine [†]	—	0	1	1	7	_	0	2	5	11	_	0	2	6	2
Massachusetts New Hampshire	_	0	2 1	16	42	_	0	6 1	29 1	8 5	N	0	2 0	5 N	12 N
Rhode Island [†]	—	0	1	3	9	U	0	0	U	U	U	0	0	U	U
Vermont [†] Mid. Atlantic		0 5	2 12	5 123	 165	2	0 5	0 12	 167	2 196	_	0	1 6	4 49	— 69
New Jersey		1	4	18	48	_	1	4	32	52	_	0	4		15
New York (Upstate) New York City	—	1 1	4 6	28 40	35 48	1	1 1	9 5	29 49	34 59	_	0	4 1	28	33 2
Pennsylvania	1	1	3	37	34	1	2	4	57	51	_	0	2	21	19
E.N. Central	1	4	9	114	119	1	5	36	204	333	2	2	12	115	60
Illinois Indiana	_	1 0	3 3	23 11	32 11	_	2 1	6 3	46 25	86 49	_	0	1 5	3 42	22
Michigan	_	1	6	49	43	1	1	6	54	87	2	1	7	65	26
Ohio Wisconsin	1	1 0	5 2	26 5	19 14	_	1 0	30 3	64 15	76 35	_	0	1	4 1	7 5
W.N. Central	_	1	25	22	48	_	2	16	80	74	_	0	6	3	11
lowa	_	0	3	3	6	_	0	1	7	11	—	0	0		_
Kansas Minnesota	_	0 0	2 22	3 2	10 13	_	0 0	2 15	8 2	5 6	_	0 0	1 6	2	6
Missouri	—	0	1	9	14	_	2	5	51	42	_	0	1		3
Nebraska [†] North Dakota	_	0 0	4 3	3	4	_	0 0	3 0	11	9	_	0 0	1 0	1	2
South Dakota	_	0	2	2	1	_	0	1	1	1	—	0	0	_	—
S. Atlantic Delaware	7	5 0	13 1	140 2	223 6	5	12 0	33 1	368	556 19	4 U	4 0	11 0	148 U	113 U
District of Columbia	_	0	0		1	_	0	0	_	3		0	0		2
Florida Georgia	1	2 1	6 4	42 31	85 25	2 3	4 2	11 8	126 57	185 116	2 1	1 1	5 3	33 25	32 15
Maryland [†]	3	0	3	18	14		1	4	32	40	1	0	2	25	16
North Carolina South Carolina [†]	1 2	0	3 2	15 9	37 21	_	2 1	12 4	71 22	58 39	_	1 0	7 1	39 1	26
Virginia [†]		1	4	16	32	_	1	7	41	60	_	0	2	9	8
West Virginia	_	0	5	7	2		0	18	19	36	_	0	6	16	14
E.S. Central Alabama [†]	_	0 0	6 2	29 1	26 5	1	8 2	14 4	262 63	223 44	3	3 0	8 1	102 7	91 3
Kentucky	_	0	6	7	11	1	2	6	75	76	2	1	6	43	63
Mississippi Tennessee [†]	_	0	1 5	5 16	1 9	_	1 3	3 7	28 96	21 82	U 1	0 1	0 5	U 52	U 25
W.S. Central	_	3	15	64	78	1	7	67	170	339	1	2	11	57	44
Arkansas [†]	—	0	1	2	5	—	1	4	25 22	40 40	—	0	0 2	5	1
Louisiana Oklahoma	_	0 0	1 4	2	5	_	1 1	4 16	41	40 58	1	0 1	10	32	1 14
Texas [†]		2	11	59	72	1	4	45	82	201	—	0	3	20	28
Mountain Arizona	3 1	2 0	5 2	48 13	108 47	_	2 0	5 3	51 12	91 16	 U	1 0	4 0	37 U	40 U
Colorado	1	0	2	17	27	_	0	3	15	30	_	0	3	12	9
Idaho [†] Montana [†]	1	0	1	6 2	6 4	_	0 0	1 0	2	5	_	0	2 1	7 3	8 1
Nevada [†]	_	0	3	5	11	_	0	3	14	29	_	0	1	5	4
New Mexico [†] Utah	_	0	1 2	3	3 7	_	0	2 1	5 3	3 7	_	0	1 2	7 1	10 8
Wyoming [†]	_	0	1	2	3	_	0	1	_	, 1	_	0	1	2	_
Pacific	1	3	15	85	154	1	3	25	79	191	—	1	12	47	43
Alaska California	1	0 2	1 15	2 58	1 120	_	0 2	1 22	4 31	2 130	U 	0	1 4	U 19	U 18
Hawaii	—	0	2	6	5	_	0	1	5	3	U	0	0	U	U
Oregon Washington	_	0	2 4	5 14	14 14	1	0 1	4 4	24 15	29 27	_	0	3 5	12 16	10 15
Territories		-						-				-	-		
American Samoa C.N.M.I.	_	0	0	_	_	—	0	0	_	_	—	0	0	_	_
Guam	_	0	5	8	4	_	0	8	28	56	_	0	8	10	44
Puerto Rico	—	0	2	4	11	—	0	3	6	15	Ν	0	0	Ν	Ν
U.S. Virgin Islands		0	0	_		_	0	0	_	_	_	0	0	_	_

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
 * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly.
 [†] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 20	011, and August 21, 2010 (33rd week)*
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		L	egionellos	is			Ly	me disease	e			Ν	/lalaria		
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	47	48	128	1,582	1,951	549	361	1,414	16,376	21,919	17	27	114	754	1,024
New England	_	4	16	99	148	12	75	302	2,354	6,579	_	1	20	45	73
Connecticut	_	1	6	17	23	_	28	123	763	2,287	—	0	20	1	2
Maine [†]	_	0	3	6	7	3	11	62	316	350	_	0	1	2	5
Massachusetts New Hampshire	_	2 0	9 5	58 7	81 10	2	18 12	82 49	494 381	2,633 959	_	1	5 2	33 2	56 2
Rhode Island [†]	_	0	4	5	20	6	12	35	97	103	_	0	4	2	6
Vermont [†]	_	0	1	6	7	1	5	54	303	247	_	0	1	5	2
Mid. Atlantic	12	13	53	406	469	482	149	1,080	10,881	7,683	1	8	22	157	310
New Jersey	_	2	18	48	72	119	50	502	4,337	2,754	_	0	6	8	72
New York (Upstate)	5	5	19	144	146	215	35	214	2,076	1,645	—	1	6	25	45
New York City		2	17	66	83	140	2	26	32	495	1	3	13	89	154
Pennsylvania	7	5	19	148	168	148	61	426	4,436	2,789	1	1	4	35	39
E.N. Central	12	10	49	389	449	2	23	88	845	3,139	_	3	7	89	108
Illinois Indiana		1	6 5	40 53	113 39	_	1 0	18 10	79 51	114 69	_	0	6 2	34 5	41 8
Michigan	2	2	13	86	113	2	1	8	49	77	_	0	4	15	20
Ohio	9	4	34	209	142	_	1	9	36	22	_	1	4	30	31
Wisconsin	—	0	5	1	42	_	19	70	630	2,857	_	0	2	5	8
W.N. Central	1	2	9	50	77	—	4	61	68	1,766	—	1	45	18	43
lowa	—	0	2	6	11	_	0	9	54	71	_	0	3	12	8
Kansas	—	0	2	4	7	—	0	2	6	10	—	0	2	4	7
Minnesota Missouri	1	0	8 5	35	23 23	_	0	55 1	_	1,665 3	_	0	45 3	_	3 11
Nebraska [†]	_	0	1	2	23 6	_	0	2	6	8	_	0	1	2	12
North Dakota	_	Ő	1	1	3	_	0	10	_	8	_	0	1	_	
South Dakota	_	0	2	2	4	_	0	1	2	1	_	0	1	_	2
S. Atlantic	15	9	22	254	334	48	57	157	2,034	2,507	11	8	20	256	268
Delaware	_	0	1	5	11	3	10	43	549	491	_	0	1	3	2
District of Columbia	_	0	3	8	13	_	0	5	11	25	—	0	1	5	10
Florida	3	3	9	89	106	4	2	9	69	46	4	2	7	64	79
Georgia Maryland†	2 2	1	4 6	22 40	39 74	2 14	0 18	2 103	13 663	9 1,099	2 4	1	7 8	54 56	44 55
North Carolina	2 7	1	6	40	36	14	0	7	34	56	4	0	6 6	25	31
South Carolina [†]	_	0	2	9	8	_	0	3	16	25	_	0	1	1	3
Virginia [†]	1	1	9	33	38	25	19	76	632	679	1	1	8	48	43
West Virginia	—	0	2	5	9	—	0	14	47	77	—	0	1	—	1
E.S. Central	2	2	10	90	93	2	0	3	25	35	1	0	2	18	22
Alabama [†]	—	0	2	10	11	—	0	2	7	1	—	0	1	3	5
Kentucky	_	0	4 3	21 10	19 10	_	0	1 0	_	4	_	0 0	1 1	6	5
Mississippi Tennessee [†]	2	1	8	49	53	2	0 0	3	18	30	1	0	2	1 8	2 10
	4	3	13	72	95	_	1	29	24	68	1	1	18	23	61
W.S. Central Arkansas [†]	-	0	2	5	14	_	0	0	2 .		1	0	1	3	4
Louisiana	_	Ő	3	13	5	_	0	Ő	_	3	_	0	1	_	2
Oklahoma	_	0	3	7	9	_	0	0	_	_	_	0	1	3	3
Texas [†]	4	2	11	47	67	—	1	29	24	65	—	1	17	17	52
Mountain	_	2	6	58	119	1	0	3	17	19	1	1	4	43	42
Arizona	—	1	3	20	40	—	0	1	5	2	_	0	4	16	19
Colorado Idaho†	_	0	2	4	23	_	0 0	1 2	1	1 8	1	0 0	3 1	16 2	13
Montana [†]	_	0	1	4	5 4	1	0	2	2	o 1	_	0	1		1 2
Nevada [†]	_	Ő	2	11	17	_	0	1	3	_	_	0	2	6	3
New Mexico [†]	_	0	1	5	6	_	0	1	1	4	_	0	1	2	1
Utah	_	0	2	12	19	_	0	1	1	3	—	0	1	1	3
Wyoming [†]	_	0	2	2	7	—	0	1	1	_	_	0	0	_	_
Pacific	1	5	21	164	167	2	4	11	128	123	2	4	10	105	97
Alaska California	_	0	0	146	2	-	0	1	4	5	1	0	2	4	3
California Hawaii	_	4 0	15 1	146 1	141 1	2 N	3 0	9 0	99 N	74 N	1	2 0	10 1	74 4	63 2
Oregon	1	0	2	6	9		0	3	19	38	1	0	4	11	2 8
Washington		Ő	6	11	14	_	0	4	6	6	_	0	5	12	21
Territories															
American Samoa	Ν	0	0	Ν	Ν	Ν	0	0	Ν	Ν	_	0	1	1	_
C.N.M.I.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Guam	-	0	1	—	_	_	0	0			—	0	0	—	
Puerto Rico	_	0	1	_	1	N	0	0	N	Ν	—	0	1	_	4
U.S. Virgin Islands	_	0	0	_	_	_	0	0	—	_	_	0	0	_	_

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. † Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

		Meningoco A	occal diseas Il serogrou		re ^r			Mumps				P	ertussis		
D	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	_	14	53	469	536	2	8	47	176	2,328	115	315	2,925	8,231	12,311
New England Connecticut	_	0 0	3 1	23 3	14 2	_	0 0	1 0	4	23 11	1	9 1	24 8	263 22	296 61
Maine [§]	_	0	1	3	3	_	Ő	1	_	1	_	2	8	81	31
Massachusetts	—	0	2	11	4	—	0	1	3	8	—	4	13	99	169
New Hampshire Rhode Island [§]	_	0 0	1	1	_	_	0	0 1	1	3	1	1 0	7 4	40 12	8 23
Vermont [§]	_	0	3	5	5	_	0	0	_	_	_	0	4	9	4
Mid. Atlantic	_	1	6	53	53	_	1	23	23	2,029	42	35	125	910	760
New Jersey New York (Upstate)	_	0 0	1 4	3 18	16 9	_	0	2 3	8 5	331 650	26	3 12	10 81	75 364	100 280
New York City	_	0	3	19	13	_	0	22	9	1,029		0	19	38	43
Pennsylvania	—	0	2	13	15	—	0	16	1	19	16	15	70	433	337
E.N. Central	—	2	7	59	89	—	1	7	45	42	18	76	198	1,699	2,829
Illinois Indiana	_	0	3 2	17 8	18 21	_	1 0	3 1	28	13 3	_	16 6	50 26	417 119	498 414
Michigan	_	0	4	5	14	_	0	1	6	16	2	23	57	445	787
Ohio	—	1	2	20	21	—	0	5	9	9	16	19	80	503	905
Wisconsin	—	0	2	9	15	_	0	1	2	1		10	26	215	225
W.N. Central lowa	_	1 0	4 1	32 7	37 8	1	0	4 1	25 4	78 37	11	27 6	501 36	746 124	1,113 330
Kansas	_	0	1	2	5	_	0	1	4	4	_	2	10	65	112
Minnesota	_	0	2	—	3	_	0	4	1	4	7	0	469	292	251
Missouri Nebraska [§]	_	0 0	2 2	12 8	15 5	1	0 0	3 1	8 4	8 23	_4	6 2	43 13	190 38	260 103
North Dakota	_	0	1	1	1	_	0	3	4		_	0	30	30	30
South Dakota	_	0	1	2	_	_	0	0	_	2	_	0	3	7	27
S. Atlantic	—	2	8	94	97	1	0	4	16	41	13	32	106	857	1,046
Delaware District of Columbia	_	0 0	1	1 1	_	—	0 0	0 0	_	3	_	0 0	5 2	21 3	8 4
Florida	_	1	5	36	44	1	0	2	5	8	6	6	17	205	193
Georgia	_	0	1	11	8	_	0	2	4	2	—	3	13	109	158
Maryland [§] North Carolina	_	0	1 3	9 13	5 12	_	0	1 2	1 4	8 5	1	2 3	6 35	47 114	79 212
South Carolina [§]	_	0	1	8	9	_	0	1	_	3	2	4	25	92	240
Virginia [§]	—	0	2	10	17	—	0	2	2	10	4	7	41	214	126
West Virginia	—	0 1	3 3	5 20	2 27	_	0 0	0 1	3	2 9	1	0 9	41 35	52 223	26 503
E.S. Central Alabama [§]	_	0	3	20	5	_	0	1	3 1	9 6	_	3	35 11	223 89	503 145
Kentucky	_	0	2	2	11	_	Ő	0	_	1	_	2	16	48	164
Mississippi	—	0	1	2	3	—	0	1	2	_	_	1	10	15	51
Tennessee§	—	0 1	2 12	7 38	8 58	_	0 1	1 15	 45	2 58	1 18	3 24	11 297	71 586	143 1,882
W.S. Central Arkansas [§]	_	0	12	8	5	_	0	13	43	5		24	16	36	1,882
Louisiana	_	Ő	2	7	12	_	Ő	2	_	5	1	0	3	14	25
Oklahoma	_	0	2	7	14	_	0	1	1		 17	0	92	23	26
Texas [§]	_	0 1	10 4	16 34	27 43	_	1 0	14 4	43 5	48 14	17 6	20 44	187 100	513 1,174	1,683 847
Mountain Arizona	_	0	1	10	11	_	0	1	_	5	1	14	29	484	261
Colorado	_	0	1	8	15	_	0	1	3	7	2	9	63	274	125
ldaho [§] Montana [§]	_	0	1	4	5	_	0	1	_	_	3	2	15	88	112
Montana ³ Nevada [§]	_	0 0	2 1	3 1	1 7	_	0	0 1	_	_	_	2 0	16 5	67 16	33 19
New Mexico§	_	0	1	1	3	_	0	2	2	_	_	3	11	76	71
Utah Wyoming [§]	—	0 0	2 1	7	1	—	0 0	1 1	—	2	—	6 0	16 2	164 5	219 7
Pacific	_	3	26	116	118	_	0	3	10	34	5	76	2 1,710	د 1,773	7 3,035
Alaska	_	0	1	2	1	_	0	1	10	1		0	6	1,773	25
California	_	2	17	82	75	_	0	3	3	22	1	57	1,569	1,280	2,567
Hawaii Oregon	_	0	1 3	4 16	1 24	_	0 0	1 1	2 4	3 2	1	1 5	9 11	60 170	54 201
Washington	_	0	8	12	17	_	0	1	-	6	3	11	131	245	188
Territories			-							-	-				
American Samoa	_	0	0	_	_	_	0	0	_	_	_	0	0	_	_
C.N.M.I. Guam	_	0	0		_	_	3	9	12	422	_	0	14	 31	2
Puerto Rico	_	0	1	_	1	_	3 0	9	12	422	_	0	14	2	2
U.S. Virgin Islands	_	0	0	_	_	_	0	0	_	_	_	0	0	_	_

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. † Data for meningococcal disease, invasive caused by serogroups A, C, Y, and W-135; serogroup B; other serogroup; and unknown serogroup are available in Table I. § Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks en	nding August 20, 2011, and August 21, 2010 (33rd week)*
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		Ra	abies, anim	nal			Sa	Imonellosi	s		Shig	ga toxin-pro	ducing E. d	oli (STEC)	ł
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	30	51	172	1,452	2,905	773	909	1,812	24,993	30,053	74	98	264	2,713	3,136
New England	4	3	12	86	201	3	29	322	1,191	1,729	1	2	33	126	155
Connecticut Maine [§]	1	0	8 3	40	93 41	-	0 2	301 8	301 84	491 75		0	33 3	33	60
Maines Massachusetts	_	0	3 0	40	41	2	18	8 51	84 554	75 858	_	0	3 10	20 44	11 57
New Hampshire	3	0	2	15	13	_	3	8	104	128	_	0	3	17	17
Rhode Island [§]	—	0	4	15	20	1	1	62	111	132	_	0	2	4	2
Vermont [§]	— 11	1	3 31	16	34 736	1 93	1 89	5 207	37	45	15	0	3	8	8
Mid. Atlantic New Jersev		13 0	0	396	/ 50	95	13	43	2,813 321	3,650 767		9	21 6	320 36	346 78
New York (Upstate)	11	7	20	220	351	66	25	65	811	845	12	4	12	125	114
New York City	_	0	4	7	133		20	53	625	821		1	6	51	44
Pennsylvania		7	17	169	252	27	32	73	1,056	1,217	3	3	13	108	110
E.N. Central Illinois	5 1	2 1	27 11	89 26	177 89	34	88 28	184 57	2,564 855	3,880 1,327	13	12 2	36 7	389 62	550 110
Indiana	_	0	3	20		_	28	23	252	510	_	2	7	57	92
Michigan	2	1	5	31	52	3	13	49	445	596	3	2	8	90	103
Ohio	2	0	12	26	36	31	21	48	743	872	10	2	10	106	96
Wisconsin	N	0	0	N 40	N 192		10	50 121	269	575		2	13	74 429	149
W.N. Central lowa	_	2 0	40 3	49	183 19	45 4	47 9	121 22	1,355 278	1,858 345	7	13 2	36 11	428 112	591 121
Kansas	_	1	4	21	44	4 8	9 7	19	278	272	_	2	8	59	47
Minnesota	_	0	34	_	19	_	0	30	—	496	_	0	11	—	192
Missouri	_	0	4		54	20	16	42	568	476	6	4	14	153	161
Nebraska [§] North Dakota	_	0 0	3 6	20 8	37 10	13	4 0	10 15	150 22	150 24	1	2 0	7 10	71 6	47 4
South Dakota	_	0	0	-		_	3	17	106	24 95	_	1	4	27	19
S. Atlantic	10	18	73	677	758	332	276	689	7,488	7,687	18	14	29	395	414
Delaware	_	0	0	_	_	3	3	11	96	95	1	0	2	10	4
District of Columbia	_	0	0	_	_	1	1	7	36	72	_	0	1	3	8
Florida	_	0	64	64	121	148	107	226	2,984	3,189	9	3	15	86	125
Georgia Maryland [§]	_	6	0 14	163	239	42 32	41 18	142 51	1,295 534	1,494 646	1	2 1	7 8	70 27	64 57
North Carolina	_	Ő	0			42	31	250	1,094	740	3	2	11	73	37
South Carolina [§]	N	0	0	N	N	37	30	99	781	737	1	0	4	12	16
Virginia [§] West Virginia	10	11 0	27 30	395 55	348 50	27	21 0	68 14	632 36	594 120	3	3 0	9 4	111 3	89 14
-		2	7	75	130	43	60	175	1,952	2,015	6	5	22	183	163
E.S. Central Alabama [§]	_	1	7	51	55		17	57	555	530	_	1	15	65	35
Kentucky	_	0	2	10	14	2	8	32	216	321	_	1	5	28	37
Mississippi	—	0	1	1		9	21	65	659	607	1	0	12	17	11
Tennessee ⁹	_	0	4	13	61	32	16	53	522	557	5	1	11	73	80
W.S. Central	_	4	54	53	557	140	133	515	3,210	3,559	6	7	151	206	175
Arkansas ^s Louisiana	_	0	10 0	41	22	25 2	14 15	43 52	420 427	362 778	2	1	3 2	27 6	37 12
Oklahoma	_	0	30	12	38	32	11	95	350	327	2	1	55	34	14
Texas [§]	_	0	30	_	497	81	87	381	2,013	2,092	2	6	95	139	112
Mountain	_	0	5	14	41	29	47	95	1,440	1,788	4	11	33	325	386
Arizona	N	0	0	N	N	1	14	40	425	574	_	2	14	55	39
Colorado Idaho [§]	_	0	0	1	5	23 1	10 3	17 8	350 99	379 100	4	3	14 7	80 61	144 43
Montana [§]	N	0	0	N	N	3	2	10	89	67	_	1	5	25	28
Nevada§	—	0	2	1	3	_	3	21	86	198	—	0	7	25	22
New Mexico [§]	—	0	1	6	9	1	6	19	164	197	—	1	6	25	31
Utah Wyoming [§]	_	0	3 4	6	7 17	_	6 1	15 8	188 39	232 41	_	1 0	6 3	43 11	63 16
		1	15	13	122	54	104	288	2,980	3,887	4	13	46	341	356
Pacific Alaska	_	0	2	9	122		104	200 6	2,980	56	-	0	40	1	1
California	_	0	10	_	99	44	75	232	2,277	2,807	1	8	36	223	149
Hawaii	—	0	0	—		_	6	14	201	215	_	0	2	5	24
Oregon Washington	—	0	2 14	4	12	1 9	6 13	20 42	148 317	373 436	3	2	11 16	42 70	60 122
Washington		0	14			У	13	42	517	430	2	۷	10	70	122
Territories American Samoa	N	0	0	N	Ν		0	0		2		0	0		_
C.N.M.I.			_			_			_		_		_	_	_
Guam	—	0	0	_	_	_	0	3	6	8	—	0	0	_	_
Puerto Rico	—	0	6	23	31	—	6	25	106	360	—	0	0	—	_
U.S. Virgin Islands		0	0	_	_	_	0	0	_	_	—	0	0	_	_

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. † Includes E. coli 0157:H7; Shiga toxin-positive, serogroup non-0157; and Shiga toxin-positive, not serogrouped. § Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

									otted Fev	er Rickettsio	sis (includi				
			Shigellosis				C	onfirmed				Pi	robable		
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	148	232	742	6,432	8,754	4	2	13	104	96	22	24	245	938	992
New England	_	3	27	128	251	—	0	0	_	—	_	0	1	3	2
Connecticut Maine [§]	_	0 0	26 4	26 18	69 4	_	0	0 0	_	_	_	0 0	0 1	_	- 1
Massachusetts	_	2	13	76	159	_	0	0	_	_	_	0	1	1	_
New Hampshire	_	0	2	1	7	_	0	0	_	_	—	0	1	1	1
Rhode Island [§] Vermont [§]	_	0 0	4 1	4 3	11 1	_	0	0 0	_	_	_	0 0	1 0	1	_
Mid. Atlantic	9	14	74	396	1,170	_	0	2	10	2	_	1	5	21	70
New Jersey	—	3	10	51	275	_	0	0	—	1	—	0	3	_	42
New York (Upstate) New York City	9	3 4	18 14	142 137	126 205	—	0	1 0	2	1	—	0	3 2	5 7	9 9
Pennsylvania	_	4	56	66	205 564	_	0	2	8	_	_	0	2	9	9 10
E.N. Central	7	16	37	458	1,175	_	Ő	2	4	2	_	1	5	47	60
Illinois	—	5	18	107	690	—	0	1	—	1	—	0	2	19	27
Indiana [§] Michigan	_	1 3	4 9	33 105	42 170	_	0	0 1	1	1	_	0 0	4 1	20	17 1
Ohio	7	5	27	213	218	_	0	2	3	_	_	0	2	8	10
Wisconsin	_	0	4	_	55	_	0	0	_	_	_	0	1	_	5
W.N. Central	4	10	38	210	1,658	—	0	6	18	9	1	4	29	222	189
lowa Kansas [§]	1	0 2	4 12	11 37	36 185	_	0	0 0	_	_	_	0 0	2 0	3	5
Minnesota		2	4	57	34	_	0	0	_	_	_	0	2	_	_
Missouri	3	6	18	151	1,372	_	0	3	13	7	1	4	29	217	181
Nebraska [§]	_	0	10	7	25	_	0	3	4	2	—	0	1	2	2
North Dakota	_	0	0		_	—	0	1	1	_	—	0	0	_	1
South Dakota S. Atlantic	 57	0 68	2 133	4 2,341	6 1,435	4	0	0 6	58	61	10	0 6	0 50	254	298
Delaware [§]		0	135	2,541	35	_	0	1	1	1	1	0	4	15	15
District of Columbia	_	0	2	10	23	_	0	1	1	_	_	0	0	_	_
Florida [§]	48	38	98	1,691	610	_	0	1	3	2	1	0	2	6	7
Georgia Maryland [§]	2 4	12 2	26 6	339 55	459 85	4	0	5 1	36 2	45	_	0 0	0 3	16	33
North Carolina	4	4	36	145	101	_	0	4	2	10	_	1	41	123	145
South Carolina [§]	_	1	4	34	43	_	0	1	4	_	_	0	2	11	9
Virginia [§]	2	2	8	61	78	—	0	1	3	3	8	2	7	80	89
West Virginia E.S. Central	5	0 13	66 29	4 357	1 472	_	0	0 3	4	15	4	0 5	1 26	3 193	289
Alabama [§]		4	15	116	103	_	0	1	-	4	-	1	20	28	57
Kentucky	_	1	6	34	178	_	0	0	_	6	_	0	Ő		
Mississippi	2	2	9	95	31	_	0	0	_	1	—	0	4	9	16
Tennessee [§]	3	4	14	112	160	—	0	2	4	4	4	4	19	156	216
W.S. Central Arkansas [§]	52 2	61 2	503 7	1,540 46	1,529 33	_	0	8 2	1	1	7 4	2 0	235 39	168 154	75 44
Louisiana		5	14	133	167	_	0	0	_	_	_	0	1	2	2
Oklahoma	2	2	161	61	177	—	0	5	—	—	3	0	202	9	15
Texas [§]	48	50	338	1,300	1,152	_	0	1		1	_	0	5	3	14
Mountain Arizona	3 1	16 6	32 19	425 138	451 245	_	0	5 4	9 9	2	_	0 0	6 6	30 19	8
Colorado [§]	1	2	7	54	55	_	0	1	_	_	_	0	1	2	_
Idaho [§]	—	0	3	13	17	—	0	0	—	—	—	0	1	1	3
Montana [§]	1	1	15	112	6	_	0	0	_	2	_	0	1	1	1
Nevada [§] New Mexico [§]	_	0 3	6 9	13 67	22 78	_	0 0	0 0	_	_	_	0 0	0 1	1	1
Utah	_	1	4	26	28	_	0	0	_	_	_	0	1	1	3
Wyoming§	_	0	1	2	_	_	0	0	_	_	_	0	1	5	_
Pacific	11	21	63	577	613		0	2	_	4	_	0	0		1
Alaska California	10	0 17	2 59	3 460	476	N	0	0 2	N	N 4	N	0	0	N	N
Hawaii	10	17	3	460 36	476	N	0	2	N	4 N	N	0	0	N	N
Oregon	1	1	4	30	39	_	0	0	_	_	_	0	õ	_	1
Washington	_	1	8	48	64	_	0	1	—	—	_	0	0	_	_
Territories															
American Samoa	—	1	1	1	1	Ν	0	0	Ν	Ν	Ν	0	0	Ν	Ν
C.N.M.I.	_	_		1				_				_			
Guam Puerto Rico	_	0	1 1	1	5 4	N N	0 0	0 0	N N	N N	N N	0 0	0 0	N N	N N
U.S. Virgin Islands	_	0	0	_	4		0	0			IN	0	0	IN	

C.N.M.I.: Commonwealth of Northern Mariana Islands.

C.N.M.: Commonwealth of Northern Marina Islands.
 U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
 * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly.
 † Illnesses with similar clinical presentation that result from Spotted fever group rickettsia infections are reported as Spotted fever rickettsioses. Rocky Mountain spotted fever (RMSF) caused by Rickettsia rickettsii, is the most common and well-known spotted fever.
 © constried data used to the weat to the Neuronal Displayed Competition (NEDEC).

[§] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

				Streptococ	cus pneumo	<i>nia</i> e,† invas	ive disease	è							
			All ages					Age <5			Sy	philis, prim	nary and se	condary	
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	55	298	937	9,290	10,368	6	23	101	686	1,274	76	256	363	7,572	8,533
New England	—	11	79	380	590	—	1	5	28	76	3	8	18	232	298
Connecticut Maine [§]	_	0 2	49 13	94 91	246 83	_	0	3 1	6 3	22 6	2	1 0	8 3	34 10	56 15
Massachusetts	_	0	3	21	53	_	0	3	8	37	_	5	11	142	188
New Hampshire	—	2	8	70	76	—	0	1	5	4		0	3	13	13
Rhode Island [§] Vermont [§]	_	2 1	8 6	53 51	73 59	_	0	1 2	1 5	4 3	1	0 0	7 2	28 5	24 2
Mid. Atlantic	2	33	81	949	1,069	1	3	27	83	163	12	30	46	895	1,088
New Jersey	_	13	35	452	479	_	1	4	28	40	—	5	12	132	150
New York (Upstate) New York City	2	2 14	10 42	59 438	105 485	1	1 0	9 14	33 22	81 42	3 1	3 15	20 31	117 426	88 613
Pennsylvania	N	0	42	456 N	465 N	N	0	0	ZZ N	42 N	8	7	13	220	237
E.N. Central	4	66	113	2,063	2,110		4	10	115	190	3	31	53	923	1,241
Illinois	N	0	0	N	N	N	0	0	N	N	2	13	23	363	593
Indiana Michigan	1	15 15	32 29	452 461	473 484	_	0	4 4	20 25	38 58	1	3	8 10	105 152	119 168
Ohio	3	26	45	849	823	_	2	7	58	67	_	9	21	271	329
Wisconsin	—	9	24	301	330	—	0	3	12	27	—	1	4	32	32
W.N. Central	1 N	4 0	35 0	96 N	544 N	1 N	0	5 0	7 N	74 N	1	7 0	18 2	190 12	196 15
lowa Kansas	N	0	0	N	N	N	0	0	N	N	_	0	2	14	15
Minnesota	_	0	24	_	410	_	0	5	_	60	_	3	10	80	72
Missouri Nebraska ^ş	N	0	0 9	N	N 91	N	0	0	N	N 12	1	2 0	9	78 5	92
North Dakota	1	2 0	18	78 18	43	1	0	2 1	7	12 2	_	0	2 1	5 1	5
South Dakota	Ν	0	0	N	N	Ν	0	0	Ν	N	_	0	1	_	1
S. Atlantic	21	72	170	2,613	2,809	2	7	22	195	353	28	63	178	1,971	1,954
Delaware District of Columbia	_	1	6 3	35 28	24 53	_	0	1 1	4	7	_	0 3	4 8	13 106	4 94
Florida	13	23	68	948	1,047	1	3	13	87	142	7	23	37	712	710
Georgia	7	22	54	678	888	_	2	7	46	108	12	12	130	379	411
Maryland [§] North Carolina	1 N	10 0	32 0	385 N	356 N	1 N	1 0	4 0	26 N	40 N	6	8 7	17 19	263 228	184 273
South Carolina [§]		8	25	314	354	_	1	3	19	40	3	3	10	134	90
Virginia [§]	N	0	0	N	N	Ν	0	0	N	N	—	4	16	134	184
West Virginia	7	0	48	225	87	_	0	6	13	16	_	0	2	2	4
E.S. Central Alabama [§]	N	19 0	36 0	623 N	708 N	N	1 0	4 0	38 N	68 N	6 3	15 4	34 11	439 118	556 160
Kentucky	Ν	0	0	Ν	Ν	Ν	0	0	N	N	2	2	16	73	83
Mississippi	N	0	0	N	N	N	0	0	N	N	1	3	16	93	141
Tennessee [§] W.S. Central	7 9	19 31	36 368	623 1,253	708 1,261	1	1 4	4 30	38 119	68 168	1 19	5 34	11 71	155 1,034	172 1,315
Arkansas [§]	1	3	26	156	120	_	0	3	12	12	4	3	10	124	151
Louisiana	_	3	11	109	69		0	2	9	17	_	6	36	190	307
Oklahoma Texas [§]	N 8	0 26	0 333	N 988	N 1,072	N 1	0 3	0 27	N 98	N 139	1 14	1 23	6 33	34 686	59 798
Mountain	11	32	72	1,207	1,204	1	3	8	92	166	_	12	23	344	370
Arizona	4	12	45	576	587	1	1	5	43	77	—	4	8	141	144
Colorado Idaho [§]	6 N	11 0	23 0	371 N	357 N	N	1 0	4	26 N	48 N	_	2 0	8 2	70 5	79
Montana [§]	N	0	0	N	N	N	0	0	N	N	_	0	2	4	2 3
Nevada [§]	N	0	0	N	N	Ν	0	0	N	N	—	3	9	82	65
New Mexico [§] Utah	1	3	13 8	167	113	_	0	2 3	11 12	14	_	1 0	4 4	36 6	29 48
Wyoming [§]	_	3 0	8 15	74 19	136 11	_	0	3 1	12	24 3	_	0	4		48
Pacific	_	3	11	106	73	_	0	2	9	16	4	50	66	1,544	1,515
Alaska		2	11	105	73		0	2	9	16	_	0	1	1	3
California Hawaii	N	0 0	0 3	N 1	N	N	0	0 0	N	N	2	41 0	57 5	1,290 8	1,287 27
Oregon	N	0	0	N	N	N	0	0	N	N	_	2	6	61	43
Washington	Ν	0	0	Ν	Ν	Ν	0	0	Ν	N	2	5	13	184	155
Territories															
American Samoa C.N.M.I.	N	0	0	N	N	N	0	0	N	N	_	0	0	_	_
Guam	_	0	0	_	_	_	0	0	_	_	_	0	0	_	_
Puerto Rico	—	0	0	—	—	—	0	0	—	—	—	4	13	142	148
U.S. Virgin Islands	-	0 rn Mariana	0	_	_		0	0	_	—		0	0	_	

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. * Includes drug resistant and susceptible cases of invasive Streptococcus pneumoniae disease among children <5 years and among all ages. Case definition: Isolation of S. pneumoniae from a normally sterile body site (e.g., blood or cerebrospinal fluid). \$ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 20, 2011, and August 21, 2010 (33rd week)*

		Varia	ella (chicke	nnov)			N	uroinuari		/est Nile viru		Nonr-	uroinvasiv	a§	
			-	npox)				uroinvasive	5					e³	
	Current	Previous	52 weeks	Cum	Cum	Current	Previous	52 weeks	Cum	Cum	Current	Previous 5	52 weeks	Cum	Cum
Reporting area	week	Med	Max	2011	2010	week	Med	Max	2011	2010	week	Med	Max	2011	2010
United States	58	273	367	7,746	10,076	_	1	71	47	245	—	0	53	30	216
New England	_	22	46	646	709	_	0	3	_	4	_	0	1	_	3
Connecticut Maine [¶]	_	5 5	16 16	149 135	216 127	_	0	2 0	_	2	_	0	1 0	_	3
Massachusetts	_	6	18	260	189	_	0	2	_	2	_	0	1	_	_
New Hampshire	_	0	9	9	86	_	0	1	_	_	_	0	0	_	
Rhode Island [¶]	—	1	6	28	21	—	0	0	—	—	—	0	0	—	_
Vermont [¶] Mid. Atlantic	12	2 35	10 71	65 1,304	70 1,110	_	0	0 19	_	 56	_	0	0 13	2	30
New Jersey	12	11	54	708	399	_	0	3	_	6	_	0	6	2	
New York (Upstate)	N	0	0	N	N	_	Ő	9	_	32	_	Ő	7	1	22
New York City	—	0	0	_	—	—	0	7	_	12	—	0	2	_	6
Pennsylvania	2	19	41	596	711	_	0	3		6	—	0	3		2
E.N. Central Illinois	21 1	68 17	118 31	1,805 458	3,296 836	_	0	15 10	2 2	12 4	_	0	7 4	1	9
Indiana [¶]	6	4	18	146	246	_	0	2		-	_	0	2	_	4
Michigan	6	20	38	599	988	_	0	6	_	7	_	0	1	_	1
Ohio	8	20	58	601	876	—	0	1	—	1	—	0	1	1	1
Wisconsin W.N. Central	1	0 11	22 42	1 229	350 544	_	0	0 7	- 1	 17	_	0	1 11	4	1 45
lowa	N N	0	42	229 N	544 N	_	0	1	_	17	_	0	2	4	45
Kansas¶		4	15	75	230	_	0	1	_	2	_	0	3	_	10
Minnesota	—	0	0	_	—	—	0	1	—	3	—	0	3	_	
Missouri	—	5	24	104	257	—	0	1	—	2	—	0	1	1	
Nebraska [¶] North Dakota	_	0	5 10	3 25	7 29	_	0	3 2	_	6 2	_	0	7 2	1 2	14 7
South Dakota	1	1	7	22	29	_	0	2	1	2	_	0	2		13
S. Atlantic	9	36	64	1,176	1,465	_	Ő	6	10	14	_	Ő	4	2	
Delaware [¶]	_	0	3	6	23	—	0	0	_	_	—	0	0	_	
District of Columbia	_	0	2	12	16	_	0	1		1	—	0	1	—	1
Florida [¶] Georgia	9 N	15 0	38 0	590 N	708 N	_	0	4 1	8	3 3	_	0	1 3	1	1 5
Maryland [¶]	N	0	0	N	N	_	0	3	1	5	_	0	2	1	2
North Carolina	Ν	0	0	Ν	N	_	0	0	_	_	_	0	0	_	
South Carolina [¶]	—	0	9	12	75	_	0	1	_	_	—	0	0	—	
Virginia [¶]	—	8	25	277	355		0	1 0	1	2	—	0	1 0	_	_
West Virginia E.S. Central	_	8 5	32 15	279 173	288 195	_	0	0 3	8	3	_	0	3	7	5
Alabama [¶]	_	5	14	163	188	_	Ő	0	_	1	_	Ő	0	_	2
Kentucky	Ν	0	0	Ν	N	_	0	1	_	_	_	0	1	_	
Mississippi	_	0	3	10	7	—	0	3	8	2	—	0	2	7	3
Tennessee [¶] W.S. Central	N 13	0 43	0 258	N 1,548	N 1,952	_	0	1 16	4	37	_	0	2 3	4	12
Arkansas¶	- 15	43	238 17	1,546	1,952	_	0	2	4	37	_	0	5 1	4	12
Louisiana	_	2	6	51	50	_	Ő	3	_	8	_	Ő	1	2	5
Oklahoma	N	0	0	N	N	—	0	1	—	_	—	0	0	_	
Texas	13	38	247	1,366	1,761	_	0	15	4	26	_	0	2	2	7
Mountain Arizona	2 1	19 3	65 50	789 372	727	_	0	18 13	13 12	69 55	_	0	15 5	7 4	75 36
Colorado [¶]		5	31	155	265	_	0	5		10	_	0	11	2	30
Idaho¶	Ν	0	0	N	N	_	0	0	_	_	_	0	0	_	1
Montana		2	28	104	154	—	0	0	_	—	—	0	0	—	_
Nevada¶ New Mexico¶	N 1	0	0 8	N 25	N	_	0	1 6	1		_	0	0 2	_	2
Utah	_	1 4	26	125	74 221	_	0	6 1	_	3	_	0	2	_	1
Wyoming [¶]	_	0	3	8	13	_	0	1	_	1	_	0	1	1	3
Pacific	_	2	6	76	78	_	0	7	9	33	—	0	4	3	28
Alaska	—	1	4	36	30	—	0	0	_		—	0	0		
California Hawaii	_	0 1	3 4	7 33	25 23	_	0	7 0	9	33	_	0	4 0	3	28
Oregon	N	0	4	33 N	23 N	_	0	0	_	_	_	0	0	_	_
Washington	N	0	0	N	N	_	0	1	_	_	_	0	1	_	_
Territories															
American Samoa	Ν	0	0	Ν	Ν	_	0	0	_	_	_	0	0	_	_
C.N.M.I.	—				_	_		_	—	—	—			—	_
Guam Duorto Dico	—	0	4	16	19	—	0	0	—	—	—	0	0	_	_
Puerto Rico U.S. Virgin Islands	_	5 0	21 0	102	415	—	0	0 0	_	—	—	0 0	0 0	_	

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

* Case counts for reporting year 2010 and 2011 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/osels/ph_surveillance/ nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for TB are displayed in Table IV, which appears quarterly. [†] Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California

serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.

[§] Not reportable in all states. Data from states where the condition is not reportable are excluded from this table, except starting in 2007 for the domestic arboviral diseases and influenzaassociated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/osels/ph_surveillance/nndss/phs/infdis.htm. [¶] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE III. Deaths in 122 U.S. cities,* week ending August 20, 2011 (33rd week)

Boston, MA Bridgeport, CT Cambridge, MA Fall River, MA Hartford, CT Lowell, MA Lynn, MA New Bedford, MA New Baven, CT Providence, RI Somerville, MA Springfield, MA Waterbury, CT Worcester, MA Mid. Atlantic 1, Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Dayton, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	ges 493 122 30 15 20 42 17 4 21 28 72 4 37 31 50 1,699 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	≥65 328 75 21 11 5 27 11 4 18 0 0 48 2 23 27 6 1,150 37 19 42 10 5 39 8 640 10 5 39 8 6410 10 5 21 21 27 27 27 27 27 27 27 27 27 27	45-64 102 21 9 4 3 12 4 - 2 9 19 2 5 3 9 401 11 3 30 3 4 7 2 210 10 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	25-44 40 17 - 2 3 2 - 1 4 5 - 3 1 2 98 3 - 3 2 1 7 - 56 2 5 8	1-24 13 7 2 2 26 1 - 1 1 1 - 15 -	<1 10 2 	P&d [†] Total 35 8 1 1 2 2 2 5 5 5 1 7 7 77 4 1 4 1 1 4 1 1 4 4 1	Reporting area (Continued) S. Atlantic Atlanta, GA Baltimore, MD Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, DC. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL Nashville, TN	All Ages 1,098 154 152 129 127 72 47 53 45 33 173 102 11 890 134 114 112 46 190 99 32	≥65 701 94 90 86 79 32 27 27 27 20 120 64 9 579 91 88 74 28 116 62 22	45-64 281 41 39 29 36 12 13 17 13 9 43 28 1 1 218 27 14 27 14 27 10 3 28	25-44 68 12 10 10 7 5 2 5 4 3 6 3 1 5 2 11 8 4 4 4 9 5	1-24 22 4 4 2 3 2 1 1 - 1 - 20 4 1 - 20 4 2 3 1 2 - 2 - - 1 1 - 2 - - - - - - - - - - - - -	<1 25 3 9 1 2 3 3 1 6 21 1 2 4 3 4 2	P&d [†] Total 73 8 12 11 10 9 9 1 3 1 3 1 - 7 100 1 57 8 5 6 3 3 18
Boston, MA Bridgeport, CT Cambridge, MA Fall River, MA Hartford, CT Lowell, MA Lynn, MA New Bedford, MA New Baven, CT Providence, RI Somerville, MA Springfield, MA Waterbury, CT Worcester, MA Mid. Atlantic 1, Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	122 30 15 20 42 17 4 21 28 72 4 37 50 1,699 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	75 21 11 15 27 11 4 18 10 48 2 23 37 36 1,150 37 19 42 10 5 39 8 640 13 10 105 21 23	21 9 4 32 9 9 9 9 9 2 5 3 9 401 11 3 30 3 4 7 2 210 10 3 52	17 2 3 2 - 1 4 5 - 3 1 2 98 3 - 3 2 98 3 - 1 7 - 56 2 5 5 5 5 5 5 5 5 5 5 5 5 5	7 2 2 2 2 6 1 1 1 1 1 1 1 5	2 	8 1 2 2 - 5 5 1 7 77 4 1 4 1 1 4	Atlanta, GA Baltimore, MD Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	154 152 129 127 72 47 53 45 33 173 102 11 890 134 114 112 46 190 99	94 90 86 79 53 32 27 20 120 64 9 9 91 88 74 28 116 62	41 39 29 36 12 13 17 13 9 43 28 1 218 27 14 27 14 27 10 53	12 10 7 5 2 5 4 3 6 3 1 52 11 8 4 4 9	4 4 2 3 2 - 1 1 1 4 1 20 4 2 3 1 8	3 9 1 2 	8 12 11 10 9 1 3 1 - 7 7 10 1 57 8 5 6 6 3 18
Bridgeport, CTCambridge, MAFall River, MAHartford, CTLowell, MALynn, MANew Bedford, MANew Bedford, MANew Haven, CTProvidence, RISomerville, MASpringfield, MAWaterbury, CTWorcester, MAMid. AtlanticAllany, NYAllentown, PABuffalo, NYCamden, NJElizabeth, NJErie, PAJersey City, NJNew York City, NYNewark, NJPaterson, NJPhiladelphia, PAPittsburgh, PA [§] Reading, PASchenectady, NYScranton, PASyracuse, NYTrenton, NJUtica, NYYonkers, NYEN. Central1,'Akron, OHCincinnati, OHCleveland, OHColumbus, OHDayton, OHDetroit, MIEvansville, INFort Wayne, IN	30 15 20 42 17 4 21 28 72 4 37 31 50 1,699 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	21 11 15 27 11 4 18 10 48 2 23 27 36 1,150 37 19 42 10 5 9 8 640 13 10 105 21 21 23 23 27 36 1,150 37 19 42 20 23 27 36 1,150 27 10 27 27 36 1,150 27 10 27 27 36 1,150 27 36 1,150 37 19 42 20 23 27 36 1,150 37 19 42 10 10 10 10 10 10 10 10 10 10	9 4 3 12 4 9 9 19 2 5 3 9 9 401 11 3 30 3 4 4 7 2 210 10 3 52	2 3 2 1 4 5 3 1 2 98 3 3 2 1 7 5 6 2 5	 		1 1 2 2 - 5 5 1 7 77 4 1 4 1 1 4	Baltimore, MD Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, DC. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	152 129 127 72 47 53 45 33 173 102 11 890 134 114 112 46 90 99	90 86 79 53 32 27 27 20 120 64 9 579 91 88 74 28 87 4 28 116 62	39 29 36 12 13 9 43 28 1 218 27 14 27 14 27 10 53	10 10 7 5 2 5 4 3 6 3 1 52 11 8 4 4 9	4 2 3 2 1 1 4 1 20 4 2 3 1 8	9 1 2 3 3 1 21 1 2 4 3 4	12 11 10 9 1 3 1
Cambridge, MA Fall River, MA Hartford, CT Lowell, MA Lynn, MA New Bedford, MA New Bedford, MA New Haven, CT Providence, RI Somerville, MA Springfield, MA Waterbury, CT Worcester, MA Mid. Atlantic Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Schenectady, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Canton, OH Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	15 20 42 17 4 21 28 72 4 37 31 50 50 52 22 79 17 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	11 15 27 11 4 18 10 48 23 27 36 1,150 37 19 42 10 5 39 8 640 13 10 105 21 23	4 3 12 9 9 19 2 5 3 9 401 11 3 30 3 4 7 2 210 10 3 52	2 3 2 4 5 3 1 2 98 3 3 2 1 7 5 6 2 5	 		1 2 2 - 5 5 1 77 4 1 4 1 1 4 1	Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, D.C. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	129 127 72 47 53 45 33 173 102 11 890 134 114 112 46 190 99	86 79 53 32 27 27 20 120 64 9 579 91 88 74 28 74 28 116 62	29 36 12 13 17 13 9 43 28 1 218 27 14 27 10 53	10 7 5 2 5 4 3 6 3 1 52 11 8 4 4 9	2 3 2 1 1 4 1 20 4 2 3 1 8	1 2 	11 10 9 1 3 1 7 10 1 57 8 5 6 3 3 18
Fall River, MAHartford, CTLowell, MALynn, MANew Bedford, MANew Bedford, MANew Haven, CTProvidence, RISomerville, MASpringfield, MAWaterbury, CTWorcester, MAMid. Atlantic1,1Albany, NYAllentown, PABuffalo, NYCamden, NJElizabeth, NJErie, PAJersey City, NJNew York City, NYNewark, NJPaterson, NJPhiladelphia, PAPittsburgh, PA [§] Reading, PARochester, NYSchenectady, NYScranton, PASyracuse, NYTrenton, NJUtica, NYYonkers, NYE.N. Central1,'Akron, OHChicago, ILCincinnati, OHCleveland, OHCleveland, OHDayton, OHDetroit, MIEvansville, INFort Wayne, IN	20 42 17 4 21 28 72 4 37 31 50 1,699 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	15 27 11 4 18 10 48 2 33 27 36 1,150 37 42 10 5 39 8 640 13 10 105 21 23	3 12 4 	2 3 2 1 4 5 3 1 2 98 3 3 2 1 7 5 6 2 5	2 2 2 26 1 1 1 1 1 1 1 1 1 5		1 2 2 5 5 7 7 77 4 1 4 1 1 4	Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, D.C. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	127 72 47 53 45 33 173 102 11 890 134 114 112 46 190 99	79 53 32 27 27 20 120 64 9 579 91 88 74 28 28 116 62	36 12 13 17 13 9 43 28 1 218 27 14 27 14 27 10 53	7 5 4 3 6 3 1 52 11 8 4 4 9	3 2 1 1 4 1 20 4 2 3 1 8	2 3 1 6 21 1 2 4 3 4	10 9 1 3 1 7 10 1 57 8 5 6 3 3 18
Hartford, CT Lowell, MA Lynn, MA New Bedford, MA New Haven, CT Providence, RI Somerville, MA Springfield, MA Waterbury, CT Worcester, MA Mid. Atlantic 1, Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Eriz, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA ⁵ Reading, PA Rochester, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Cleveland, OH Cleveland, OH Cleveland, OH Cleveland, OH Cleven, NJ Dayton, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	42 17 4 21 28 72 4 37 50 1,699 52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	27 11 4 18 10 48 2 33 36 1,150 37 36 1,150 37 19 42 10 5 39 8 640 13 10 105 21 23	12 4 2 9 19 2 5 3 9 401 11 3 30 3 4 7 2 210 10 3 52	3 2 1 4 5 3 1 2 98 3 3 2 1 7 7 56 2 5	2 2 2 26 1 1 1 1 1 1 5		2 2 - 5 - 7 77 4 1 4 1 1 4	Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, D.C. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	72 47 53 45 33 173 102 11 890 134 114 112 46 190 99	53 32 27 20 120 64 9 579 91 88 74 28 74 28 116 62	12 13 17 13 9 43 28 1 218 27 14 27 10 53	5 2 5 4 3 6 3 1 52 11 8 4 4 9	2 1 1 4 1 20 4 2 3 1 8	- - - - - - - -	9 1 3 1 7 10 1 57 8 5 6 3 18
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Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	52 22 79 17 12 54 10 926 25 19 175 27 34 69 24	37 19 42 10 5 39 8 640 13 10 105 21 23	11 3 30 3 4 7 2 210 10 3 52	3 	1 1 1 1 	 3 1 1 1	4 1 4 1 1 4	Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	112 46 190 99	74 28 116 62	27 10 53	4 4 9	3 1 8	4 3 4	6 3 18
Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	22 79 17 12 54 10 926 25 19 175 27 34 69 24	19 42 10 5 39 8 640 13 10 105 21 23	3 30 3 4 7 2 210 10 3 52		— 1 1 — — 15	3 1 1 1	1 4 1 1 4	Lexington, KY Memphis, TN Mobile, AL Montgomery, AL	46 190 99	28 116 62	10 53	4 9	1 8	3 4	3 18
Buffalo, NY Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	79 17 12 54 10 926 25 19 175 27 34 69 24	42 10 5 39 8 640 13 10 105 21 23	30 3 4 7 2 210 10 3 52	3 2 1 7 56 2 5	1 1 — 15	3 1 1 1	4 1 1 4	Memphis, TN Mobile, AL Montgomery, AL	190 99	116 62	53	9	8	4	18
Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Phitsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Cleveland, OH Dayton, OH Datroit, MI Evansville, IN Fort Wayne, IN	17 12 54 10 926 25 19 175 27 34 69 24	10 5 39 8 640 13 10 105 21 23	3 4 7 2 210 10 3 52	2 1 7 56 2 5	1 1 — 15	1 1 1	1 1 4	Mobile, AL Montgomery, AL	99	62					
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New York City, NY Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Datroit, MI Evansville, IN Fort Wayne, IN	926 25 19 175 27 34 69 24	640 13 10 105 21 23	210 10 3 52	56 2 5	15	_			163	98 781	49 304	11 92	40	5 40	5 44
Newark, NJ Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	25 19 175 27 34 69 24	13 10 105 21 23	10 3 52	2 5		4	40	W.S. Central Austin, TX	1,258 84	48	25	92 5	40	40	44
Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	19 175 27 34 69 24	10 105 21 23	3 52	5		4	40	Baton Rouge, LA	67	40 51	13	2		5 1	
Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	175 27 34 69 24	105 21 23	52		_	1	_	Corpus Christi, TX	62	43	13	5	_	_	2
Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	27 34 69 24	21 23			4	6	7	Dallas, TX	195	110	53	16	7	9	4
Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY EN. Central 1,' Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	34 69 24	23	5	_	1	_	2	El Paso, TX	103	72	20	7	3	1	2
Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1,' Akron, OH Canton, OH Chicago, IL Chicago, IL Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	69 24		9	1	_	1	1	Fort Worth, TX	Ű	Ű	Ű	Ú	Ŭ	Ů	Ū
Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	24	-+0	21	5	1	2	_	Houston, TX	217	105	64	21	12	15	3
Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN		22	1	1	_	_	2	Little Rock, AR	94	56	24	9	3	2	2
Trenton, NJ Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL 5 Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	21	14	4	1	_	2	1	New Orleans, LA	U	U	U	U	U	U	U
Utica, NY Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL 2 Cincinnati, OH Cleveland, OH Cleveland, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	78	62	13	2	1	_	7	San Antonio, TX	226	147	47	20	6	5	17
Yonkers, NY E.N. Central 1, Akron, OH Canton, OH Chicago, IL 5 Cincinnati, OH Cleveland, OH 5 Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	23	14	8	_	_	1	—	Shreveport, LA	62	43	10	4	2	3	3
E.N. Central 1, Akron, OH Canton, OH Chicago, IL 5 Cincinnati, OH Cleveland, OH 5 Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	12	11	1	_	_	_	_	Tulsa, OK	148	106	34	3	4	1	9
Akron, OH Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	20	15	4	1	—	—	2	Mountain	1,068	689	256	74	30	19	52
Canton, OH Chicago, IL Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	1,980	1,295	472	126	53	34	120	Albuquerque, NM	101	64	25	8	2	2	5
Chicago, IL Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	45	26	13	2	4	—	7	Boise, ID	48	37	9	1	1	_	2
Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	36	25	10	1	_	_	1	Colorado Springs, CO	73	46	19	7	_	1	2
Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	243	158	57	15	11	2	6	Denver, CO	80	57	15	5	2	1	8
Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	79 262	48	20 55	6	2 2	3 8	6 12	Las Vegas, NV	248	162 32	66 5	16 3	4 2	1	16 3
Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN	202	184 141	55 44	13 18	2	0 1	12	Ogden, UT Phoenix, AZ	43 164	32 82	48	5 19	2	8	s 8
Detroit, MI Evansville, IN Fort Wayne, IN	124	86	27	8	3	_	8	Pueblo, CO	36	28	40	19		0	1
Evansville, IN Fort Wayne, IN	138	74	39	14	8	3	8	Salt Lake City, UT	130	28 79	30	9	10	2	4
Fort Wayne, IN	59	35	20	2	2	_	3	Tucson, AZ	145	102	32	5	2	4	3
	83	51	20	8		2	5	Pacific	1,600	1,055	397	85	38	25	127
Gary, IN	6	3	1	1	1	_	_	Berkeley, CA	9	9		_	_	_	/
Grand Rapids, MI	66	46	13	4	1	2	2	Fresno, CA	128	84	34	8	2	_	14
	220	125	64	10	12	9	18	Glendale, CA	30	23	6	1	_	_	4
Lansing, MI	44	33	9	2	_	_	3	Honolulu, HI	71	49	13	6	1	2	11
Milwaukee, WI	75	54	12	6	3	_	6	Long Beach, CA	72	51	18	1	1	1	4
Peoria, IL	56	39	13	4	_	_	6	Los Angeles, CA	235	153	55	14	7	6	23
Rockford, IL	46	31	11	4	_	_	3	Pasadena, CA	23	16	6	_	1	—	2
South Bend, IN	50	39	9	1		1	1	Portland, OR	97	61	31	4		1	5
Toledo, OH	77	50	18	6	1	2	2	Sacramento, CA	194	129	45	10	7	3	16
Youngstown, OH	64	47	15	1		1	5	San Diego, CA	156	101	40	4	6	5	15
	596	384	126	28	17	18	31	San Francisco, CA	113	76	30	5	2	_	13
Des Moines, IA	74	46	19	2	3	4	2	San Jose, CA	173	115	42	11	3	2	10
Duluth, MN	24	17	5	1	1	_	1	Santa Cruz, CA	28	14	13	1	1		2
Kansas City, KS	23	12	10	1			1	Seattle, WA	103	61	27	10	1	4	3
Kansas City, MO	93	54	27	7	3	2	2	Spokane, WA	60	43	9	4	3	1	
Lincoln, NE	27	32	4	1		_	2	Tacoma, WA	108	70	28	6	4	_	5
Minneapolis, MN	37	36	14	5	4	6	6	Total [¶]	10,682	6,962	2,557	663	259	215	616
Omaha, NE	65	67 24	2		2	2	6								
St. Louis, MO St. Paul, MN	65 96	24	15 17	4 2	3 1	3	3 5								
St. Paul, MN Wichita, KS	65	49	17	2		1	5								

U: Unavailable. —: No reported cases.

* Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of >100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

[†] Pneumonia and influenza.

⁹ Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.
⁹ Total includes unknown ages.

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