

Supplementary Table. Self-reported seat belt use among adults (≥18 years), by region, rural-urban designation, and type of state seat belt enforcement, United States, Behavioral Risk Factor Surveillance System, 2014

Rural-urban designation†	Seat belt use (always wears)				
	Overall	Primary enforcement		Secondary enforcement*	Primary-secondary RR (95% CI)
	Overall N	Wgt % (95% CI)	Wgt % (95% CI)	Wgt % (95% CI)	
Northeast	76,968	84.0 (83.4-84.5)	87.7 (87.0-88.4)	78.1 (77.3-78.9)	1.14§1.12 (1.11-1.14)§
<i>Metropolitan counties, overall</i>	62,078	84.5 (84.0-85.1)	87.8 (87.1-88.5)	79.0 (78.1-79.9)	1.11 (1.10-1.13)§
County in metro area of ≥1,000,000 pop	38,986	85.0 (84.3-85.7)	87.6 (86.7-88.5)	79.6 (78.5-80.7)	1.10 (1.08-1.12)§
County in metro area of 250,000 to 999,999 pop	16,547	83.2 (82.1-84.3)	88.7 (87.2-90.1)	77.6 (75.9-79.3)	1.14 (1.11-1.17)§
County in metro area of <250,000 pop	6,545	83.1 (81.0-85.0)	88.1 (85.1-90.5)	79.4 (76.6-82.0)	1.11 (1.06-1.16)§
<i>Nonmetropolitan counties, overall</i>	14,890	78.8 (77.1-80.4)	86.5 (83.6-89.0)	72.0 (70.1-73.9)	1.20 (1.15-1.25)§
Urban pop of ≥20,000	5,513	79.1 (76.7-81.3)	88.1 (83.8-91.3)	72.0 (69.1-74.6)	1.22 (1.16-1.30)§
Urban pop of 2,500 to 19,999	7,947	78.8 (76.1-81.2)	85.1 (80.4-88.8)	72.7 (69.7-75.5)	1.17 (1.10-1.25)§
Completely rural or <2,500 urban pop	1,430	74.2 (67.8-79.7)	85.6 (80.0-89.9)	66.9 (58.0-74.8)	1.28 (1.11-1.47)§
South	128,702	88.2 (87.9-88.6)	88.3 (88.0-88.7)	87.2 (86.1-88.1)	1.01 (1.00-1.03)§
<i>Metropolitan counties, overall</i>	95,276	89.4 (89.0-89.8)	89.5 (89.1-89.9)	88.3 (87.1-89.3)	1.01 (1.00-1.03)§
County in metro area of ≥1,000,000 pop	48,085	89.9 (89.4-90.5)	90.1 (89.5-90.6)	88.8 (87.6-90.0)	1.01 (1.00-1.03)
County in metro area of 250,000 to 999,999 pop	30,242	88.9 (88.3-89.5)	89.0 (88.3-89.6)	86.7 (83.4-89.3)	1.03 (0.99-1.06)
County in metro area of <250,000 pop	16,949	87.9 (86.9-88.9)	88.1 (87.1-89.1)	85.7 (82.3-88.4)	1.03 (0.99-1.07)
<i>Nonmetropolitan counties, overall</i>	33,426	83.1 (82.4-83.8)	83.2 (82.4-83.9)	81.6 (78.8-84.1)	1.02 (0.99-1.05)
Urban pop of ≥20,000	9,233	86.1 (84.8-87.2)	86.3 (85.1-87.5)	79.3 (72.2-84.9)	1.09 (1.00-1.18)§
Urban pop of 2,500 to 19,999	18,674	82.3 (81.3-83.2)	82.3 (81.2-83.3)	82.0 (77.9-85.5)	1.00 (0.96-1.05)
Completely rural or <2,500 urban pop	5,519	79.7 (77.5-81.8)	79.3 (76.9-81.6)	82.3 (77.4-86.3)	0.96 (0.91-1.03)
Midwest	120,363	83.7 (83.3-84.1)	86.2 (85.7-86.7)	78.3 (77.5-79.1)	1.10 (1.09-1.11)§
<i>Metropolitan counties, overall</i>	69,795	85.7 (85.2-86.2)	87.6 (87.0-88.2)	81.2 (80.2-82.2)	1.08 (1.06-1.09)§
County in metro area of ≥1,000,000 pop	31,202	87.1 (86.4-87.7)	88.6 (87.8-89.3)	83.4 (82.0-84.8)	1.06 (1.04-1.08)§
County in metro area of 250,000 to 999,999 pop	20,122	84.4 (83.5-85.4)	87.1 (85.9-88.1)	79.9 (78.1-81.6)	1.09 (1.06-1.12)§
County in metro area of <250,000 pop	18,471	82.3 (81.1-83.4)	84.9 (83.5-86.2)	74.6 (72.5-76.6)	1.14 (1.10-1.17)§
<i>Nonmetropolitan counties, overall</i>	50,568	77.5 (76.6-78.3)	81.4 (80.3-82.4)	70.4 (69.0-71.8)	1.16 (1.13-1.18)§

Urban pop of ≥20,000	15,346	80.2 (78.8-81.6)	85.0 (83.3-86.5)	73.4 (70.9-75.8)	1.16 (1.11-1.20)§
Urban pop of 2,500 to 19,999	22,461	77.9 (76.7-79.0)	80.1 (78.5-81.5)	72.7 (70.6-74.7)	1.10 (1.07-1.14)§
Completely rural or <2,500 urban pop	12,761	67.9 (66.0-69.7)	77.0 (74.4-79.4)	56.1 (53.5-58.6)	1.37 (1.30-1.45)§
West	103,025	90.1 (89.6-90.5)	93.1 (92.5-93.7)	83.2 (82.7-83.7)	1.12 (1.11-1.13)§
<i>Metropolitan counties, overall</i>	<i>71,528</i>	<i>91.1 (90.6-91.6)</i>	<i>93.5 (92.8-94.1)</i>	<i>85.2 (84.7-85.8)</i>	<i>1.10 (1.09-1.11)§</i>
County in metro area of ≥1,000,000 pop	32,523	92.1 (91.4-92.7)	94.0 (93.1-94.7)	86.6 (85.8-87.4)	1.08 (1.07-1.10)§
County in metro area of 250,000 to 999,999 pop	22,145	90.9 (90.0-91.6)	93.2 (92.1-94.2)	85.7 (84.6-86.7)	1.09 (1.07-1.11)§
County in metro area of <250,000 pop	16,860	85.6 (84.3-86.8)	90.3 (88.2-92.0)	78.8 (77.4-80.1)	1.15 (1.12-1.18)§
<i>Nonmetropolitan counties, overall</i>	<i>31,440</i>	<i>81.5 (80.5-82.4)</i>	<i>88.9 (87.2-90.3)</i>	<i>72.8 (71.7-73.8)</i>	<i>1.22 (1.19-1.25)§</i>
Urban pop of ≥20,000	12,683	85.7 (84.2-87.0)	90.6 (88.5-92.3)	77.0 (75.3-78.5)	1.18 (1.14-1.21)§
Urban pop of 2,500 to 19,999	14,965	77.8 (76.2-79.3)	86.6 (83.4-89.3)	70.9 (69.4-72.3)	1.22 (1.18-1.27)§
Completely rural or <2,500 urban pop	3,792	73.0 (70.3-75.6)	83.9 (79.3-87.7)	65.5 (62.7-68.2)	1.28 (1.20-1.37)§

Abbreviations: CI = confidence interval; metro = metropolitan; RR = rate ratio; Wgt = weighted.

*Includes one state with no law.

†Rural and urban designations were determined using the USDA 2013 Rural-Urban Continuum Codes. Metropolitan counties include counties in metro areas of ≥ 1,000,000 pop, counties in metro areas of 250,000 to 999,999 pop, and counties in metro areas of <250,000 pop. Non-metropolitan counties include counties with urban pop of ≥20,000, counties with urban pop of 2,500 to 19,999, and counties that are completely rural or with <2,500 urban pop. Source: <https://www.ers.usda.gov/data-products/rural-urban-continuum-codes/>

§ Rate ratio significant at p <0.05