Indicator 26: Health Care Coverage - Ages 18-64

Internal variable name: outc26_health_cover

Definition: Respondents aged 18-64 who do not have any form of health care coverage

Predictive models

	Mixed, demos only	Logit, no area effects	Mixed with area covariates
	b/se	b/se	b/se
Outcome 26: Health Care Coverage - Ages 18-64			
NH Black vs. NH White	0.7586***	0.6550***	0.6752***
	(0.1627)	(0.1423)	(0.1620)
NH Asian vs. NH White	-0.1461	-0.1545	-0.1253
	(0.3724)	(0.3657)	(0.3564)
NH Other vs. NH White	0.4606	0.4235	0.4408
	(0.2686)	(0.2370)	(0.2687)
Hispanic vs. NH White	1.7851***	1.7346***	1.7720***
	(0.1729)	(0.1714)	(0.1763)
Female	-0.1908	-0.1947	-0.1938
	(0.1187)	(0.1172)	(0.1186)
Age 18-34 vs. 65+	0.6674***	0.6661***	0.6648***
	(0.1315)	(0.1519)	(0.1302)
Age 35-44 vs. 65+	0.6054**	0.5908***	0.5964**
	(0.1807)	(0.1782)	(0.1800)
Age 45-54 vs. 65+	0.1424	0.1391	0.1389
	(0.1639)	(0.1656)	(0.1642)
VA BRFSS 2014 SAE outc8_heart_disease		-6.1046	-6.0915*
		(3.1691)	(2.8617)
% group quarter population		0.0102	0.0031
		(0.0708)	(0.0658)
% HHs receiving SNAP		0.0713***	0.0683***
		(0.0141)	(0.0142)
% uninsured, County Rankings/SAHIE		0.0567	0.0488
		(0.0340)	(0.0315)
Stomach Male Rate		-0.0295**	-0.0243*
		(0.0109)	(0.0117)
Kidney Female Rate		-0.0062	-0.0054
		(0.0160)	(0.0155)
c.ACS_pct_gq#c.KidneyFemaleRate		-0.0070	-0.0071
		(0.0058)	(0.0054)
Intercept	-2.5723***	-3.2229***	-3.1350***
	(0.1435)	(0.3991)	(0.3870)
Area effect variance			

0.2994*** (0.0822)		0.0559 (0.0596)	

Number of alternative models used to estimate model error = 2.

Results

County name	County FIPS	Direct estimate	Direct 95% CI	SAE composite	SAE CI
Augusta County	51015	27.1%	(15.5%, 43.0%)	15.1%	(12.5%, 18.0%)
Bath County	51017	12.8%	(2.3%, 67.6%)	9.8%	(6.0%, 15.6%)
Caroline County	51033	29.1%	(8.7%, 63.9%)	8.6%	(5.1%, 14.2%)
Clarke County	51043	32.9%	(11.0%, 66.0%)	14.4%	(10.6%, 19.4%)
Culpeper County	51047	9.0%	(2.8%, 25.9%)	8.9%	(5.6%, 13.9%)
Fauquier County	51061	4.6%	(1.9%, 19.7%)	6.6%	(5.2%, 8.5%)
Frederick County	51069	15.5%	(5.1%, 38.6%)	10.2%	(8.1%, 12.8%)
Highland County	51091	18.5%	(1.8%, 86.0%)	15.6%	(6.9%, 31.6%)
King George County	51099	8.5%	(1.2%, 41.0%)	9.3%	(7.0%, 12.2%)
Madison County	51113	19.2%	(4.2%, 56.5%)	10.5%	(7.5%, 14.6%)
Orange County	51137	15.9%	(5.5%, 38.3%)	8.4%	(6.6%, 10.6%)
Page County	51139	11.7%	(2.5%, 40.3%)	15.4%	(11.2%, 20.8%)
Rappahannock County	51157	13.3%	(2.3%, 62.0%)	7.6%	(3.9%, 14.1%)
Rockbridge County	51163	0.0%	(0.0%, 20.2%)	8.7%	(6.2%, 12.1%)
Rockingham County	51165	12.3%	(5.5%, 25.4%)	11.4%	(9.0%, 14.3%)
Shenandoah County	51171	21.9%	(9.3%, 43.3%)	10.6%	(8.3%, 13.4%)
Spotsylvania County	51177	1.2%	(0.5%, 9.4%)	6.3%	(4.9%, 8.1%)
Stafford County	51179	13.6%	(7.3%, 24.2%)	10.1%	(8.0%, 12.6%)
Warren County	51187	29.1%	(12.0%, 55.2%)	15.4%	(12.0%, 19.5%)
Buena Vista City	51530	0.0%	(0.0%, 58.3%)	8.6%	(5.0%, 14.6%)
Fredericksburg City	51630	14.5%	(4.8%, 36.4%)	11.6%	(6.7%, 19.4%)
Harrisonburg City	51660	0.0%	(0.0%, 49.5%)	8.7%	(5.2%, 14.4%)
Lexington City	51678	79.9%	(2.7%, 99.5%)	2.5%	(0.8%, 7.4%)
Staunton City	51790	0.0%	(0.0%, 63.9%)	5.8%	(4.2%, 7.9%)
Waynesboro City	51820	23.7%	(5.0%, 64.8%)	4.7%	(1.6%, 12.7%)
Winchester City	51840	6.4%	(1.6%, 68.9%)	13.2%	(9.2%, 18.5%)

County name	County FIPS	Direct estimate	Direct 95% CI	SAE composite	SAE CI
Albemarle County	51003	10.8%	(5.0%, 21.9%)	8.4%	(6.2%, 11.3%)
Alleghany County	51005	40.5%	(7.5%, 85.1%)	9.7%	(7.0%, 13.3%)
Amherst County	51009	5.1%	(2.5%, 30.2%)	7.3%	(5.2%, 10.1%)
Appomattox County	51011	15.1%	(3.4%, 47.2%)	13.0%	(9.9%, 17.0%)
Arlington City	51013	6.6%	(2.3%, 17.5%)	7.4%	(5.2%, 10.4%)
Bedford County	51019	11.9%	(5.5%, 24.2%)	8.4%	(6.5%, 10.8%)
Botetourt County	51023	18.3%	(2.6%, 65.3%)	5.8%	(4.1%, 8.2%)
Campbell County	51031	13.7%	(5.3%, 31.0%)	14.0%	(11.5%, 16.9%)
Craig County	51045	0.0%	(-0.0%, 92.5%)	16.2%	(9.8%, 25.4%)
Fairfax County	51059	8.1%	(5.7%, 11.4%)	7.0%	(5.4%, 9.0%)
Fluvanna County	51065	3.7%	(1.4%, 28.6%)	9.2%	(6.8%, 12.4%)
Greene County	51079	37.8%	(7.2%, 82.7%)	11.9%	(7.0%, 19.6%)
Loudoun County	51107	14.7%	(8.5%, 24.2%)	10.4%	(8.1%, 13.4%)
Louisa County	51109	18.6%	(6.9%, 41.5%)	12.7%	(10.2%, 15.7%)
Nelson County	51125	11.0%	(3.5%, 54.8%)	9.9%	(7.4%, 13.1%)
Prince William County	51153	13.6%	(9.1%, 19.9%)	12.3%	(10.2%, 14.7%)
Roanoke County	51161	7.9%	(3.5%, 16.8%)	7.3%	(5.3%, 10.0%)
Alexandria City	51510	16.7%	(7.8%, 32.2%)	14.0%	(10.7%, 18.1%)
Charlottesville City	51540	0.0%	(0.0%, 20.6%)	4.7%	(2.3%, 9.2%)
Covington City	51580	n/a	n/a	6.0%	(1.0%, 29.0%)
Fairfax City	51600	2.3%	(0.4%, 12.2%)	3.9%	(1.9%, 7.7%)
Falls Church City	51610	26.2%	(7.2%, 62.0%)	9.1%	(6.6%, 12.5%)
Lynchburg City	51680	21.0%	(9.8%, 39.4%)	16.5%	(12.3%, 21.9%)
Manassas City	51683	23.8%	(7.4%, 54.9%)	21.2%	(13.9%, 31.1%)
Manassas Park City	51685	12.8%	(1.3%, 86.9%)	13.2%	(6.9%, 23.9%)
Salem City	51775	0.0%	(0.0%, 48.9%)	4.5%	(1.9%, 10.4%)

County name	County FIPS	Direct estimate	Direct 95% CI	SAE composite	SAE CI
Bland County	51021	34.3%	(4.7%, 84.7%)	11.8%	(8.3%, 16.4%)
Buchanan County	51027	4.9%	(2.4%, 29.2%)	11.5%	(6.2%, 20.4%)
Carroll County	51035	11.1%	(5.0%, 34.7%)	12.1%	(9.2%, 15.8%)
Dickenson County	51051	11.2%	(2.6%, 37.6%)	8.5%	(4.8%, 14.7%)
Floyd County	51063	32.3%	(13.5%, 59.2%)	17.0%	(13.9%, 20.6%)
Franklin County	51067	1.9%	(1.0%, 24.6%)	9.2%	(7.1%, 11.9%)
Giles County	51071	4.6%	(1.2%, 27.0%)	9.4%	(7.4%, 12.0%)
Grayson County	51077	22.1%	(3.2%, 71.1%)	14.5%	(11.4%, 18.2%)
Henry County	51089	26.0%	(12.3%, 46.7%)	19.2%	(15.3%, 23.8%)
Lee County	51105	16.0%	(4.7%, 42.6%)	15.6%	(10.4%, 22.6%)
Montgomery County	51121	14.7%	(5.2%, 35.2%)	11.5%	(9.2%, 14.3%)
Patrick County	51141	18.8%	(2.5%, 67.9%)	15.8%	(11.9%, 20.8%)
Pittsylvania County	51143	21.1%	(11.6%, 35.2%)	18.2%	(14.4%, 22.7%)
Pulaski County	51155	27.3%	(7.0%, 65.1%)	9.7%	(6.6%, 14.1%)
Russell County	51167	26.6%	(11.2%, 50.9%)	16.9%	(13.5%, 21.0%)
Scott County	51169	13.2%	(5.4%, 42.4%)	14.4%	(10.2%, 19.9%)
Smyth County	51173	25.0%	(7.2%, 58.9%)	17.4%	(12.5%, 23.6%)
Tazewell County	51185	12.0%	(3.6%, 33.5%)	12.4%	(9.8%, 15.7%)
Washington County	51191	30.9%	(15.5%, 52.2%)	13.6%	(10.9%, 16.8%)
Wise County	51195	11.1%	(4.7%, 24.1%)	10.8%	(8.0%, 14.4%)
Wythe County	51197	19.1%	(5.4%, 49.5%)	12.2%	(9.2%, 15.9%)
Bristol City	51520	50.7%	(6.4%, 93.9%)	22.9%	(15.5%, 32.4%)
Danville City	51590	29.8%	(11.0%, 59.4%)	17.3%	(12.4%, 23.7%)
Galax City	51640	0.0%	(0.0%, 99.4%)	25.9%	(4.6%, 71.9%)
Martinsville City	51690	38.1%	(8.3%, 80.9%)	32.8%	(22.7%, 44.8%)
Norton City	51720	0.0%	(-0.0%, 77.5%)	17.4%	(8.3%, 33.0%)
Radford City	51750	10.6%	(1.4%, 48.9%)	14.9%	(10.6%, 20.6%)
Roanoke City	51770	8.6%	(2.7%, 24.6%)	8.4%	(5.6%, 12.6%)

County name	County FIPS	Direct estimate	Direct 95% CI	SAE composite	SAE CI
Amelia County	51007	5.6%	(2.4%, 48.7%)	9.2%	(7.2%, 11.8%)
Brunswick County	51025	34.7%	(8.6%, 74.9%)	28.0%	(21.6%, 35.5%)
Buckingham County	51029	40.3%	(16.9%, 69.3%)	28.1%	(20.3%, 37.5%)
Charles City County	51036	20.7%	(2.0%, 86.2%)	16.2%	(10.8%, 23.5%)
Charlotte County	51037	11.9%	(5.3%, 37.7%)	21.0%	(14.4%, 29.6%)
Chesterfield County	51041	7.7%	(3.9%, 14.8%)	7.6%	(5.9%, 9.8%)
Cumberland County	51049	11.0%	(4.2%, 40.0%)	14.1%	(7.9%, 24.0%)
Dinwiddie County	51053	18.3%	(5.6%, 45.8%)	16.8%	(14.0%, 20.1%)
Goochland County	51075	0.7%	(0.4%, 34.1%)	6.4%	(4.3%, 9.6%)
Greensville County	51081	0.0%	(0.0%, 54.1%)	13.4%	(9.6%, 18.4%)
Halifax County	51083	3.2%	(2.0%, 19.3%)	14.3%	(11.0%, 18.3%)
Hanover County	51085	4.8%	(1.6%, 13.4%)	4.4%	(3.1%, 6.3%)
Henrico County	51087	13.1%	(6.9%, 23.4%)	10.3%	(8.7%, 12.1%)
Lunenburg County	51111	33.7%	(10.6%, 68.6%)	27.2%	(19.8%, 36.1%)
Mecklenburg County	51117	14.8%	(4.9%, 37.1%)	10.8%	(7.4%, 15.3%)
New Kent County	51127	0.0%	(0.0%, 36.5%)	8.6%	(6.3%, 11.7%)
Nottoway County	51135	11.9%	(1.9%, 49.3%)	11.0%	(6.4%, 18.3%)
Powhatan County	51145	2.0%	(1.1%, 26.9%)	5.8%	(3.9%, 8.4%)
Prince Edward County	51147	2.5%	(1.5%, 19.8%)	6.0%	(3.0%, 11.7%)
Prince George County	51149	2.2%	(1.4%, 19.5%)	10.1%	(7.1%, 14.1%)
Surry County	51181	17.3%	(3.7%, 53.2%)	14.7%	(8.5%, 24.1%)
Sussex County	51183	21.1%	(7.4%, 47.4%)	13.3%	(9.3%, 18.6%)
Colonial Heights City	51570	3.2%	(1.9%, 26.2%)	3.3%	(1.2%, 8.6%)
Emporia City	51595	0.0%	(0.0%, 91.8%)	50.9%	(10.6%, 90.1%)
Hopewell City	51670	13.5%	(2.0%, 54.0%)	15.4%	(10.0%, 23.1%)
Petersburg City	51730	25.3%	(12.3%, 45.0%)	23.9%	(15.9%, 34.3%)
Richmond City	51760	25.6%	(14.0%, 42.0%)	22.0%	(18.8%, 25.6%)

County name	County FIPS	Direct estimate	Direct 95% CI	SAE composite	SAE CI
Accomack County	51001	18.4%	(8.5%, 35.4%)	12.6%	(7.6%, 20.1%)
Essex County	51057	19.4%	(4.8%, 53.8%)	14.5%	(10.1%, 20.4%)
Gloucester County	51073	21.0%	(9.0%, 41.6%)	10.9%	(9.0%, 13.0%)
Isle of Wight County	51093	12.2%	(1.8%, 50.6%)	6.7%	(3.8%, 11.6%)
James City County	51095	9.9%	(3.7%, 23.9%)	6.5%	(4.8%, 8.7%)
King and Queen County	51097	17.0%	(2.4%, 70.3%)	13.8%	(9.2%, 20.4%)
King William County	51101	0.0%	(0.0%, 51.3%)	7.7%	(5.9%, 9.9%)
Lancaster County	51103	52.5%	(14.9%, 87.5%)	12.9%	(9.4%, 17.3%)
Mathews County	51115	38.3%	(10.9%, 76.0%)	10.2%	(7.7%, 13.4%)
Middlesex County	51119	7.5%	(3.1%, 43.0%)	5.2%	(3.0%, 8.8%)
Northampton County	51131	2.6%	(1.2%, 25.0%)	8.9%	(4.6%, 16.5%)
Northumberland County	51133	23.2%	(6.4%, 57.3%)	13.0%	(8.9%, 18.5%)
Richmond County	51159	12.2%	(4.0%, 31.7%)	8.1%	(4.9%, 13.1%)
Southampton County	51175	25.4%	(4.2%, 72.8%)	22.1%	(11.7%, 37.7%)
Westmoreland County	51193	35.0%	(5.6%, 82.9%)	17.2%	(12.2%, 23.6%)
York County	51199	8.1%	(3.0%, 19.7%)	6.2%	(4.6%, 8.4%)
Chesapeake City	51550	9.2%	(3.2%, 23.6%)	8.6%	(7.1%, 10.4%)
Franklin City	51620	17.6%	(2.4%, 64.8%)	2.8%	(0.3%, 22.0%)
Hampton City	51650	9.4%	(5.1%, 16.9%)	11.0%	(8.5%, 14.2%)
Newport News City	51700	24.4%	(14.3%, 38.6%)	18.9%	(16.7%, 21.4%)
Norfolk City	51710	28.0%	(18.7%, 39.7%)	24.1%	(21.2%, 27.3%)
Poquoson City	51735	0.0%	(-0.0%, 71.6%)	3.7%	(2.3%, 5.8%)
Portsmouth City	51740	21.0%	(12.2%, 33.8%)	19.4%	(16.2%, 23.0%)
Suffolk City	51800	8.9%	(4.5%, 21.6%)	10.2%	(8.0%, 12.8%)
Virginia Beach City	51810	11.4%	(7.1%, 17.8%)	9.3%	(7.7%, 11.1%)
Williamsburg City	51830	25.3%	(4.0%, 73.6%)	7.7%	(4.3%, 13.5%)

Graphical representation

Health Care Coverage - Ages 18-64
Central Shenandoah and Lord Fairfax HDs
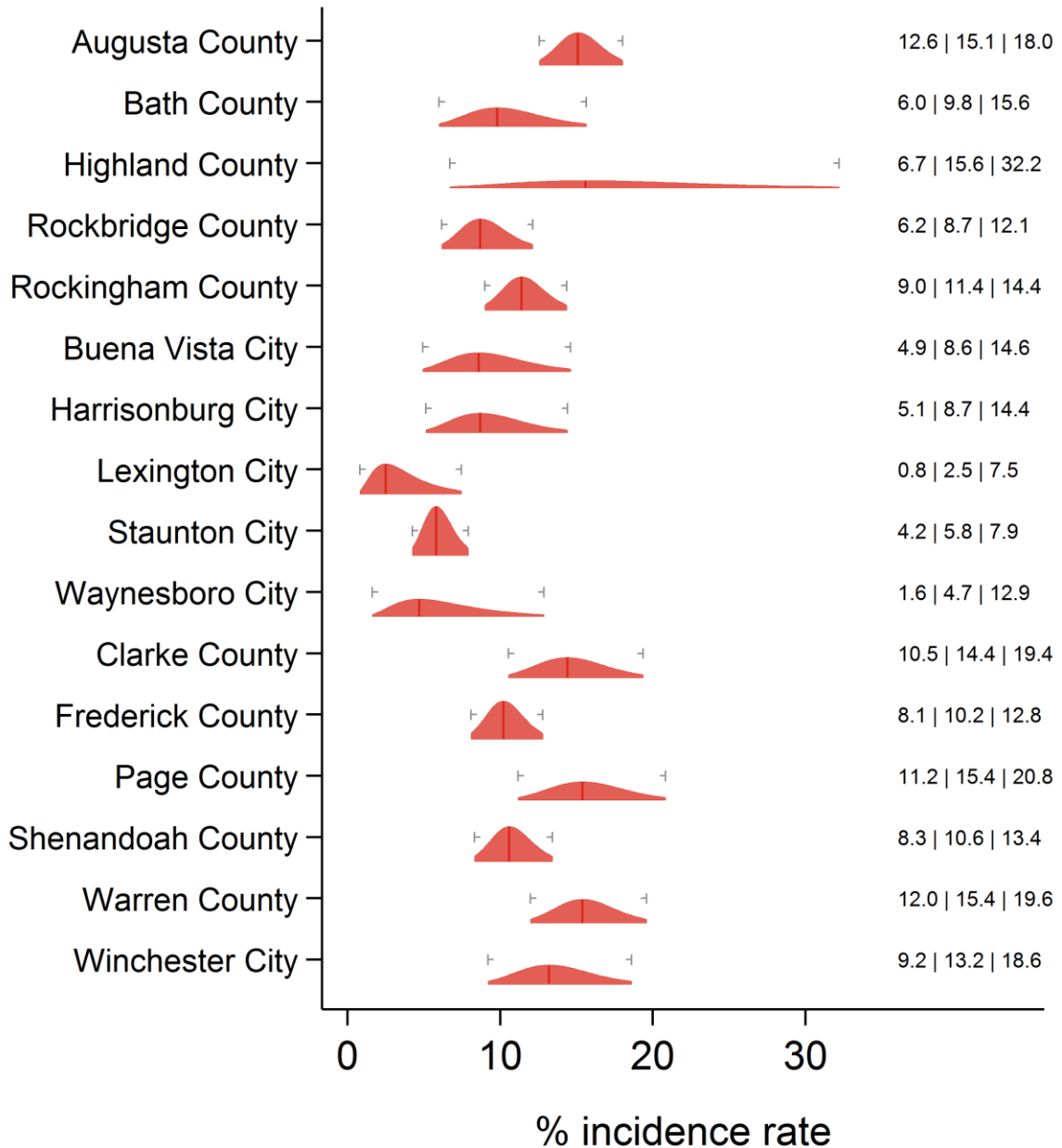
County/City	Range
Augusta County	12.6 | 15.1 | 18.0
Bath County	6.0 | 9.8 | 15.6
Highland County	6.7 | 15.6 | 32.2
Rockbridge County	6.2 | 8.7 | 12.1
Rockingham County	9.0 | 11.4 | 14.4
Buena Vista City	4.9 | 8.6 | 14.6
Harrisonburg City	5.1 | 8.7 | 14.4
Lexington City	0.8 | 2.5 | 7.5
Staunton City	4.2 | 5.8 | 7.9
Waynesboro City	1.6 | 4.7 | 12.9
Clarke County	10.5 | 14.4 | 19.4
Frederick County	8.1 | 10.2 | 12.8
Page County	11.2 | 15.4 | 20.8
Shenandoah County	8.3 | 10.6 | 13.4
Warren County	12.0 | 15.4 | 19.6
Winchester City	9.2 | 13.2 | 18.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Rappahannock/Rapidan and Rappahannock HDs
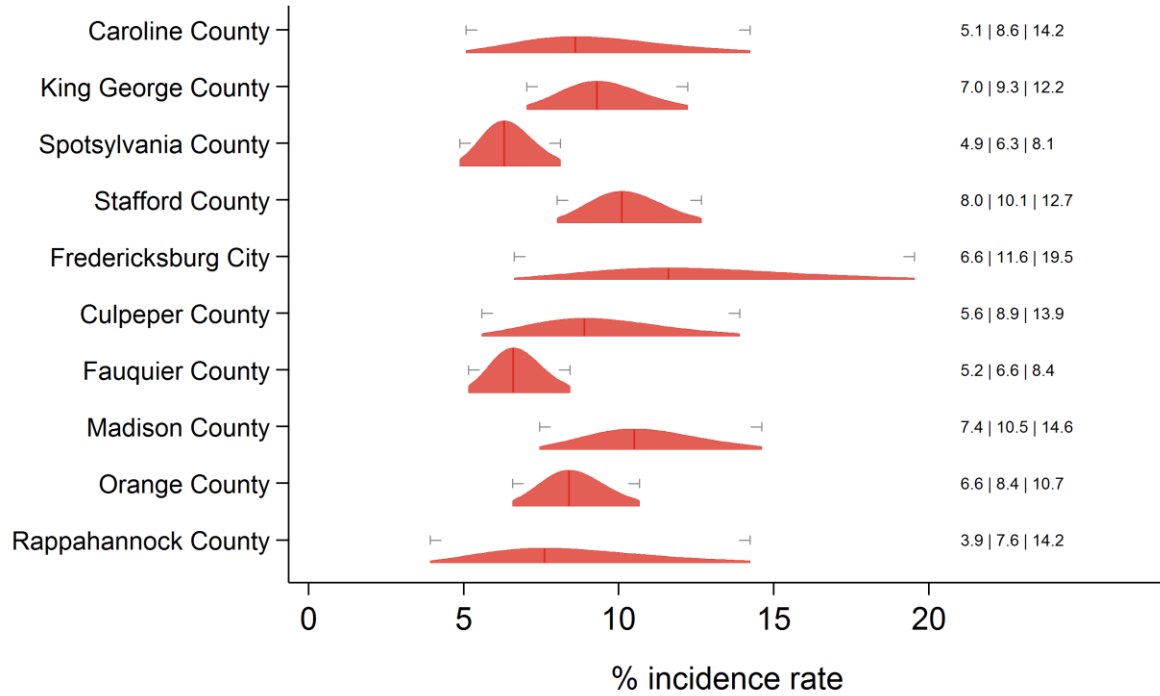
County	LCB	Point Estimate	UCB
Caroline County	5.1	8.6	14.2
King George County	7.0	9.3	12.2
Spotsylvania County	4.9	6.3	8.1
Stafford County	8.0	10.1	12.7
Fredericksburg City	6.6	11.6	19.5
Culpeper County	5.6	8.9	13.9
Fauquier County	5.2	6.6	8.4
Madison County	7.4	10.5	14.6
Orange County	6.6	8.4	10.7
Rappahannock County	3.9	7.6	14.2

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Thomas Jefferson and Piedmont HDs

County	6.2 | 8.4 | 11.3
Albemarle County	6.2 | 8.4 | 11.3
Fluvanna County	6.7 | 9.2 | 12.4
Greene County	6.9 | 11.9 | 19.7
Louisa County	10.2 | 12.7 | 15.7
Nelson County	7.4 | 9.9 | 13.2
Charlottesville City	2.3 | 4.7 | 9.3
Amelia County	7.1 | 9.2 | 11.8
Buckingham County	20.2 | 28.1 | 37.6
Charlotte County	14.3 | 21.0 | 29.7
Cumberland County	7.8 | 14.1 | 24.1
Lunenburg County	19.7 | 27.2 | 36.2
Nottoway County	6.4 | 11.0 | 18.3
Prince Edward County	3.0 | 6.0 | 11.7

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Alexandria, Fairfax, Arlington, Loudon, Prince William HDs

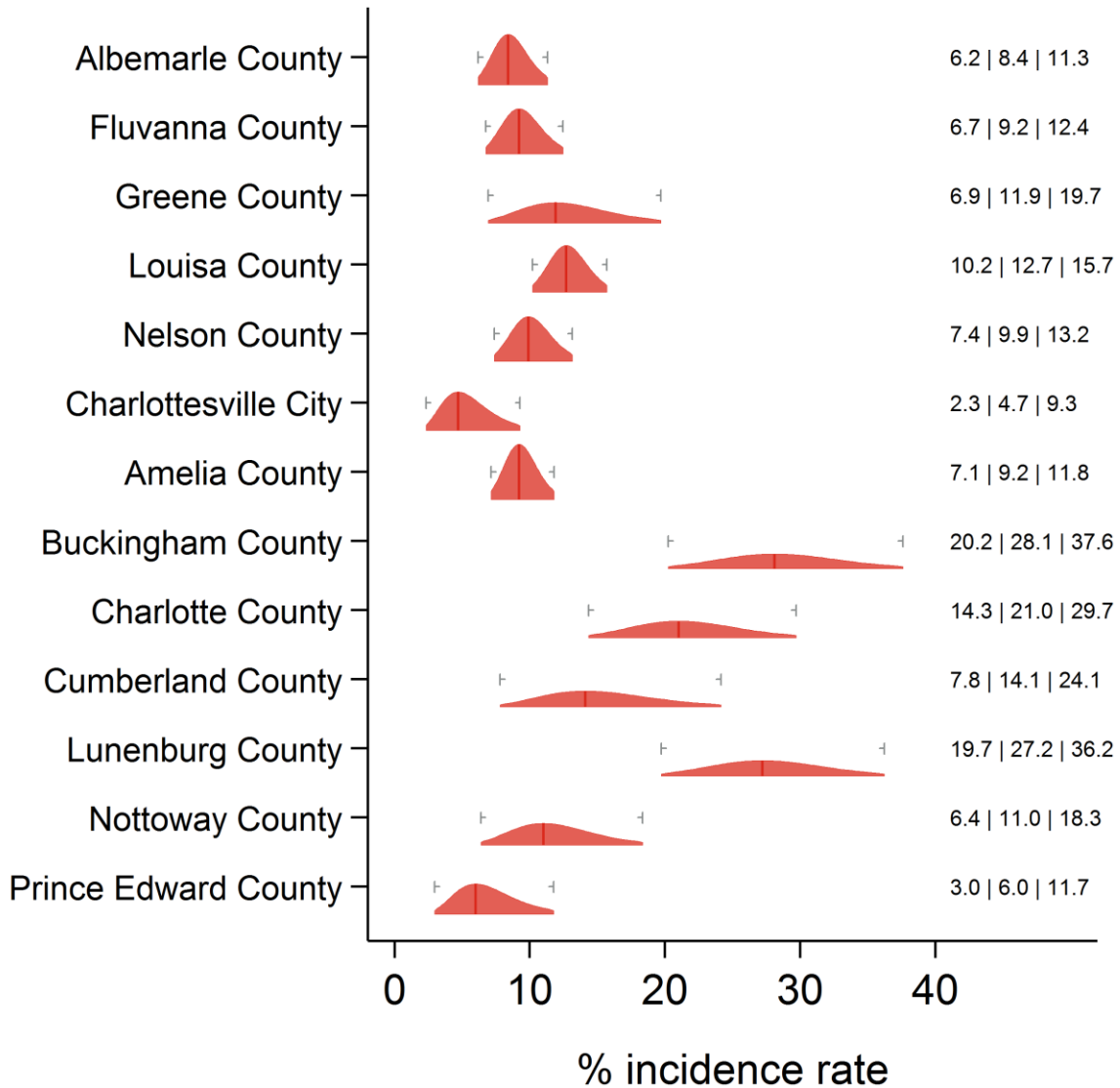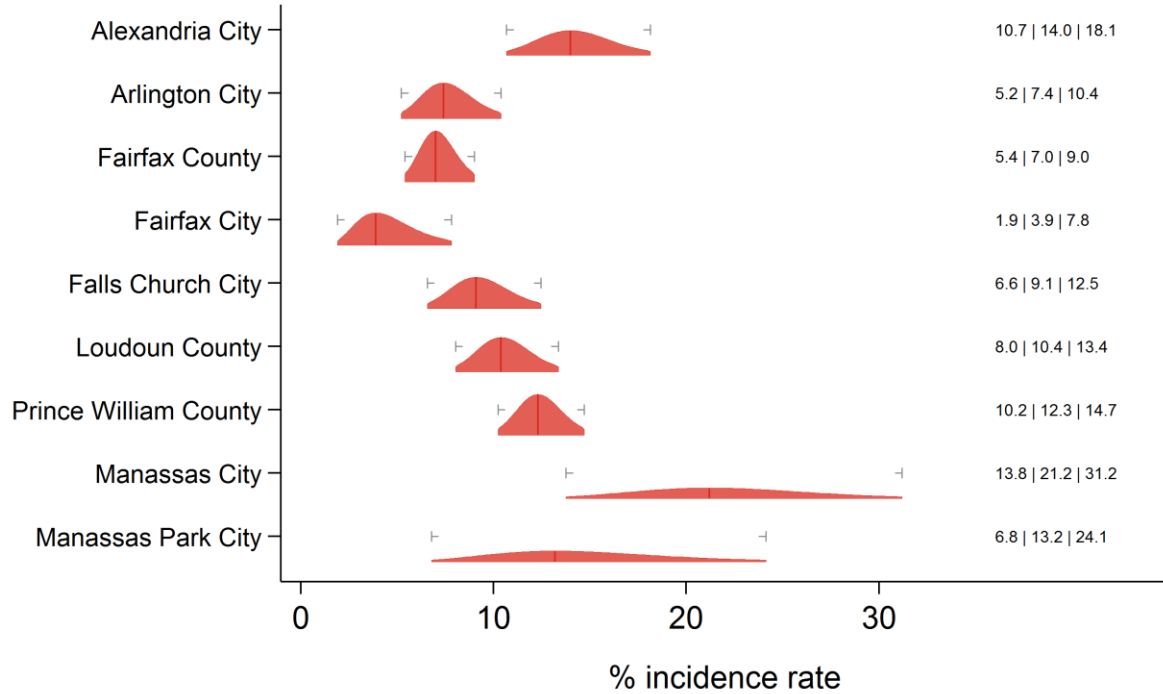| Locality	LCB | Point | UCB
Alexandria City	10.7 | 14.0 | 18.1
Arlington City	5.2 | 7.4 | 10.4
Fairfax County	5.4 | 7.0 | 9.0
Fairfax City	1.9 | 3.9 | 7.8
Falls Church City	6.6 | 9.1 | 12.5
Loudoun County	8.0 | 10.4 | 13.4
Prince William County	10.2 | 12.3 | 14.7
Manassas City	13.8 | 21.2 | 31.2
Manassas Park City	6.8 | 13.2 | 24.1

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Alleghany, Roanoke and Central Virginia HDs

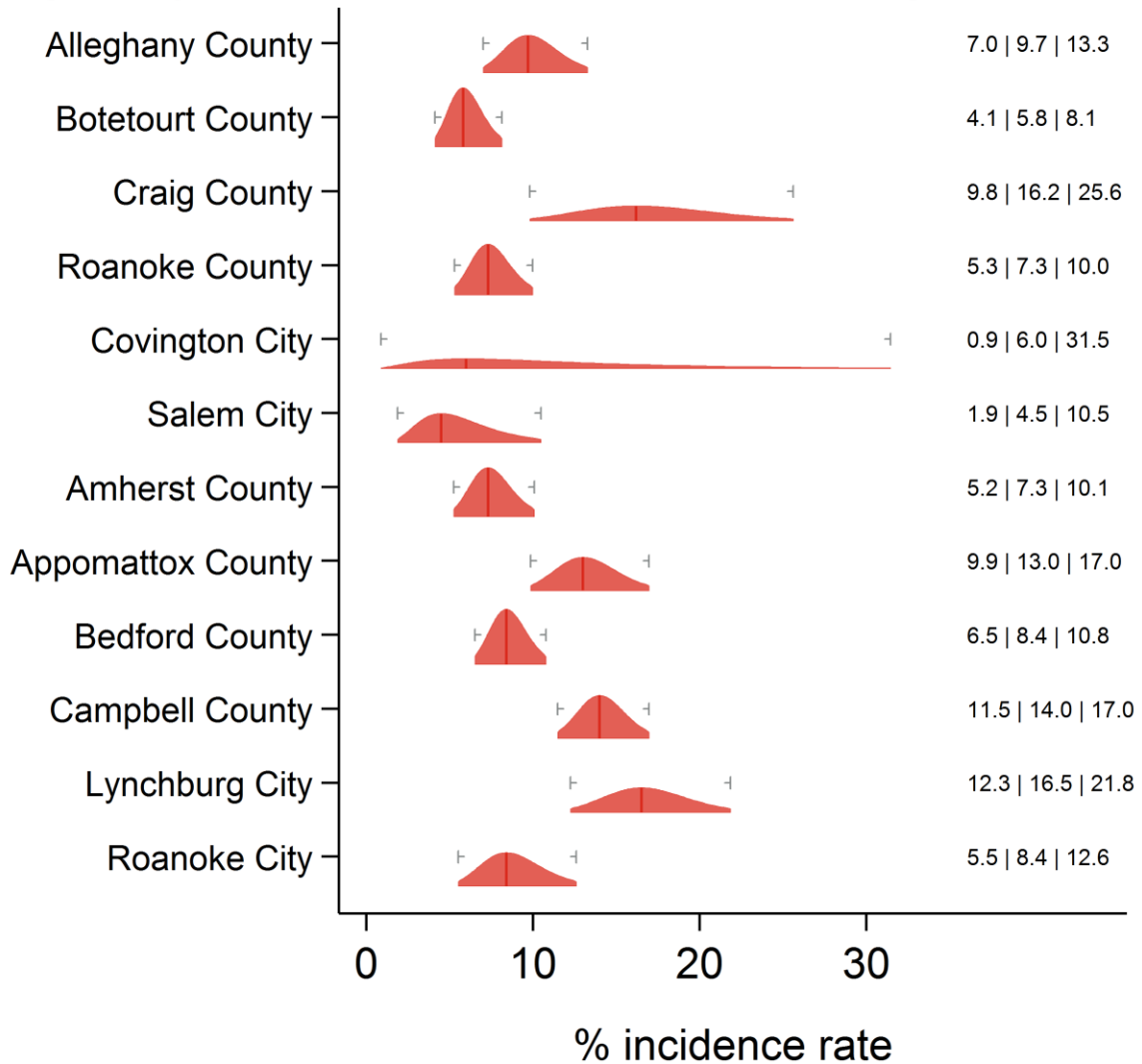| County/City	LCB | Point | UCB
Alleghany County	7.0 | 9.7 | 13.3
Botetourt County	4.1 | 5.8 | 8.1
Craig County	9.8 | 16.2 | 25.6
Roanoke County	5.3 | 7.3 | 10.0
Covington City	0.9 | 6.0 | 31.5
Salem City	1.9 | 4.5 | 10.5
Amherst County	5.2 | 7.3 | 10.1
Appomattox County	9.9 | 13.0 | 17.0
Bedford County	6.5 | 8.4 | 10.8
Campbell County	11.5 | 14.0 | 17.0
Lynchburg City	12.3 | 16.5 | 21.8
Roanoke City	5.5 | 8.4 | 12.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Cumberland Plateau and Lenowisco HDs

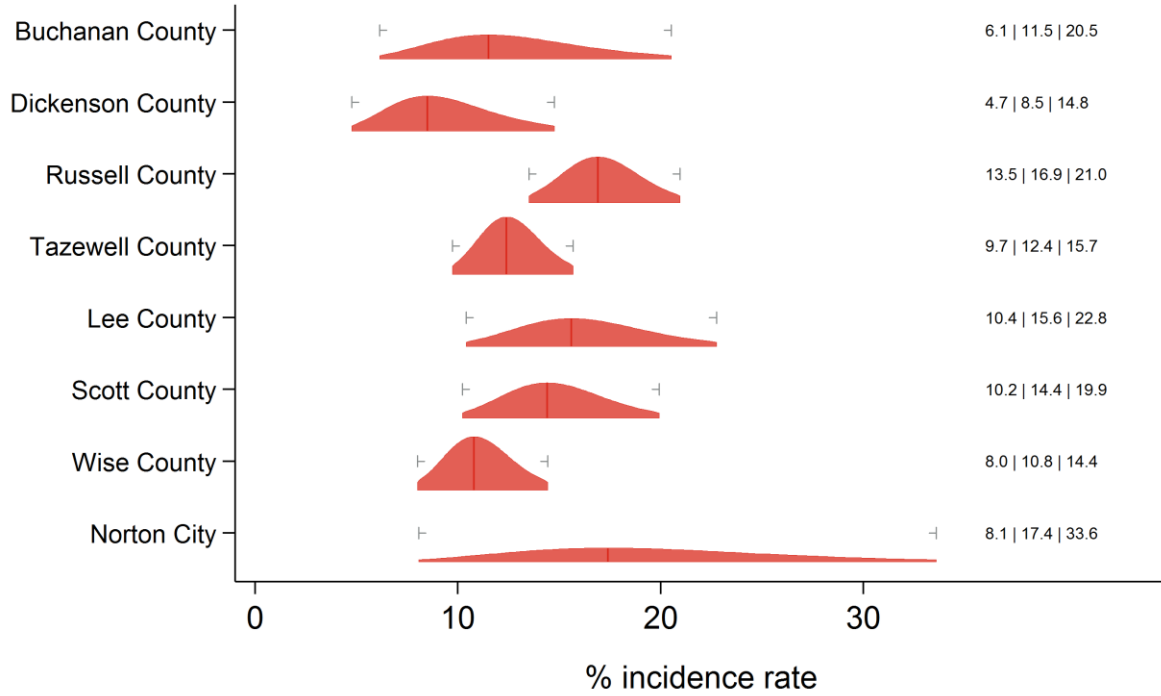| County	LCB | Point | UCB
Buchanan County	6.1 | 11.5 | 20.5
Dickenson County	4.7 | 8.5 | 14.8
Russell County	13.5 | 16.9 | 21.0
Tazewell County	9.7 | 12.4 | 15.7
Lee County	10.4 | 15.6 | 22.8
Scott County	10.2 | 14.4 | 19.9
Wise County	8.0 | 10.8 | 14.4
Norton City	8.1 | 17.4 | 33.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Pittsylvania/Danville, Southside and West Piedmont HDs

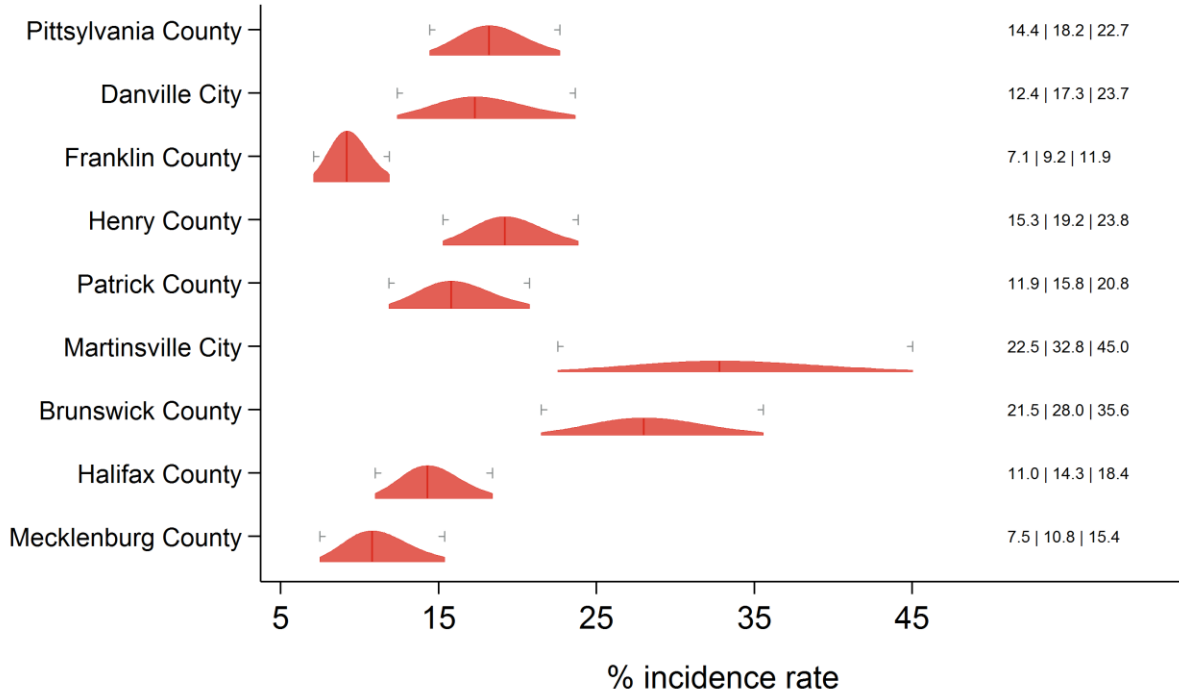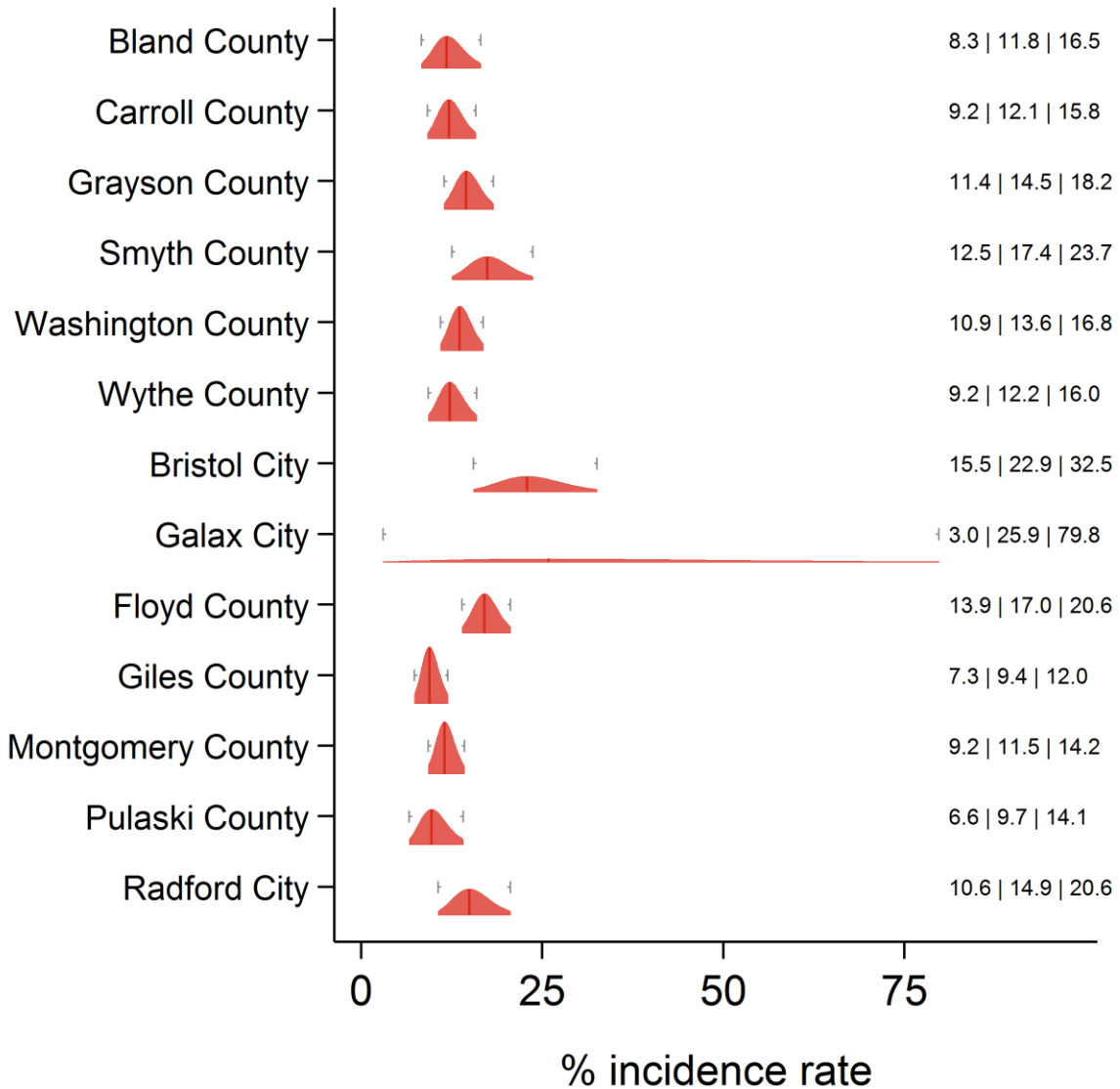| County	2-sided 95% LCB	Point Estimate	2-sided 95% UCB
Pittsylvania County	14.4	18.2	22.7
Danville City	12.4	17.3	23.7
Franklin County	7.1	9.2	11.9
Henry County	15.3	19.2	23.8
Patrick County	11.9	15.8	20.8
Martinsville City	22.5	32.8	45.0
Brunswick County	21.5	28.0	35.6
Halifax County	11.0	14.3	18.4
Mecklenburg County	7.5	10.8	15.4

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
New River and Mount Rogers HDs

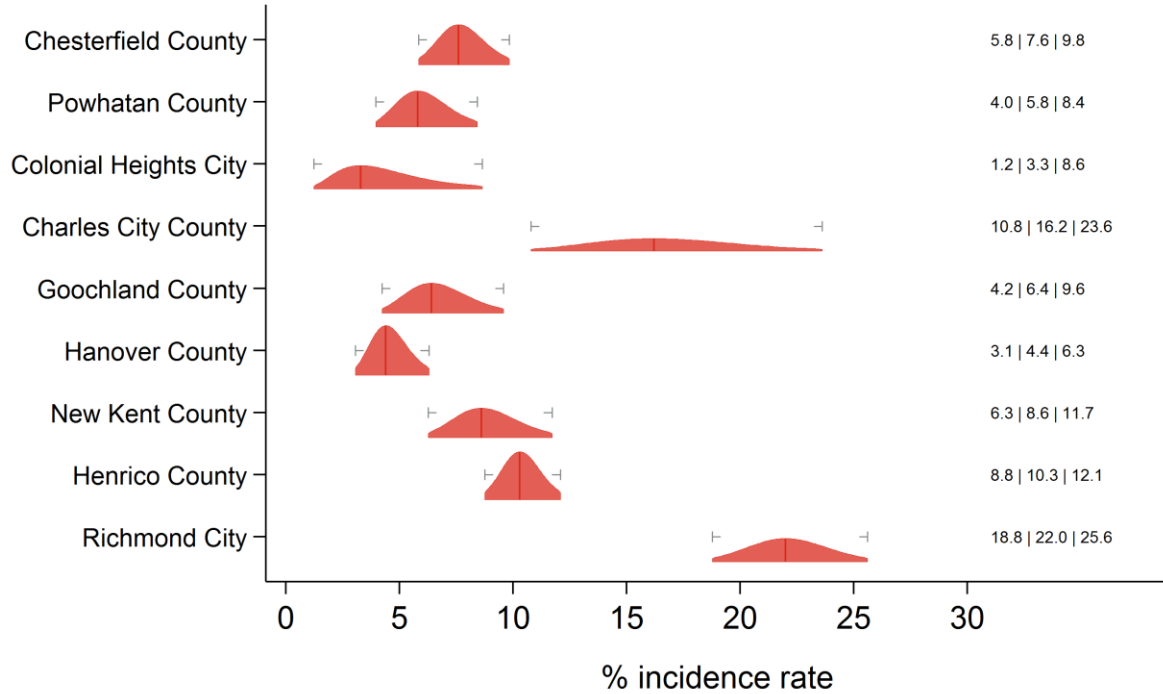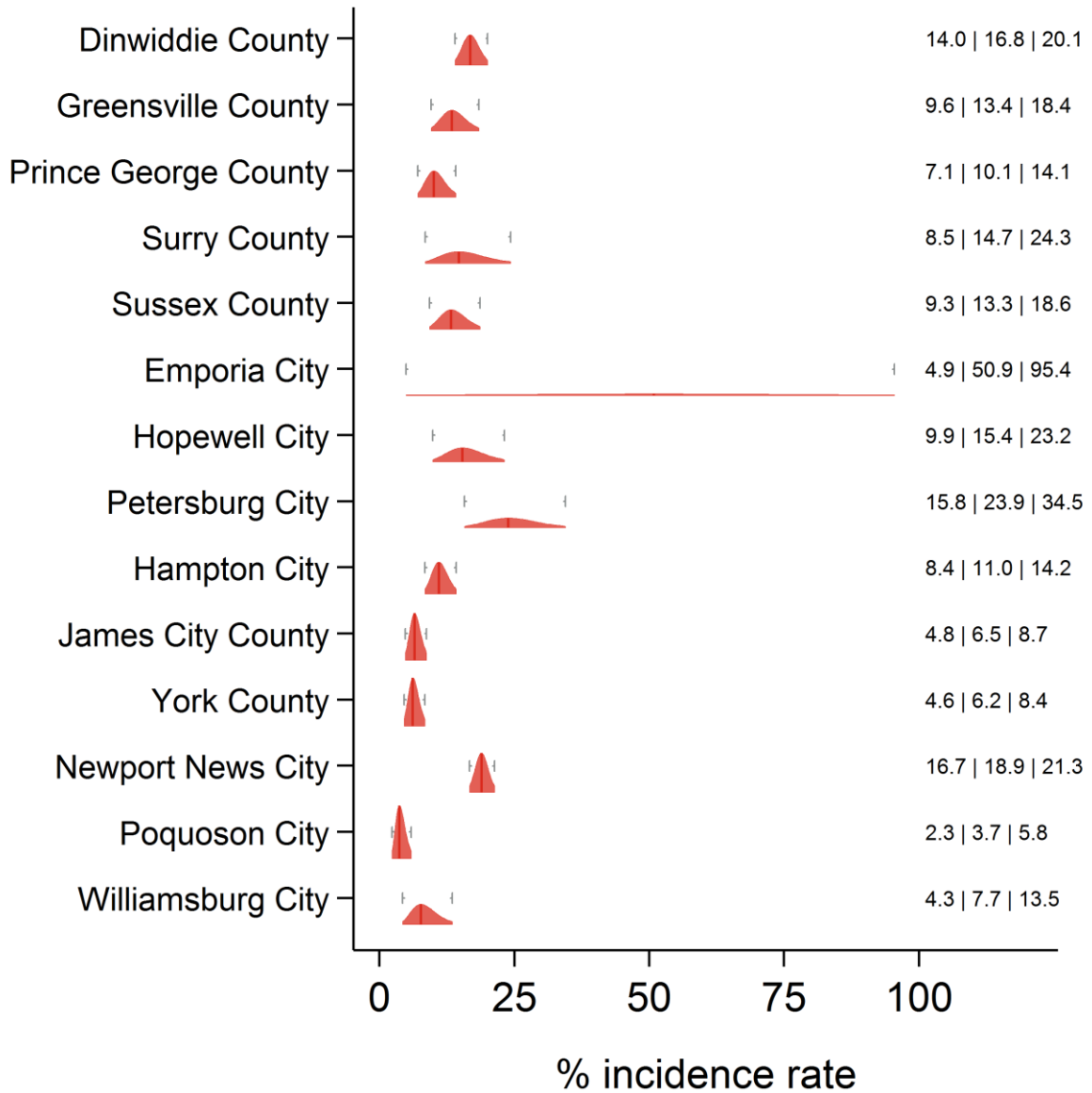| County/City	LCB | Point Estimate | UCB
Bland County	8.3 | 11.8 | 16.5
Carroll County	9.2 | 12.1 | 15.8
Grayson County	11.4 | 14.5 | 18.2
Smyth County	12.5 | 17.4 | 23.7
Washington County	10.9 | 13.6 | 16.8
Wythe County	9.2 | 12.2 | 16.0
Bristol City	15.5 | 22.9 | 32.5
Galax City	3.0 | 25.9 | 79.8
Floyd County	13.9 | 17.0 | 20.6
Giles County	7.3 | 9.4 | 12.0
Montgomery County	9.2 | 11.5 | 14.2
Pulaski County	6.6 | 9.7 | 14.1
Radford City	10.6 | 14.9 | 20.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Chesterfield, Chickahominy, Henrico and Richmond HDs

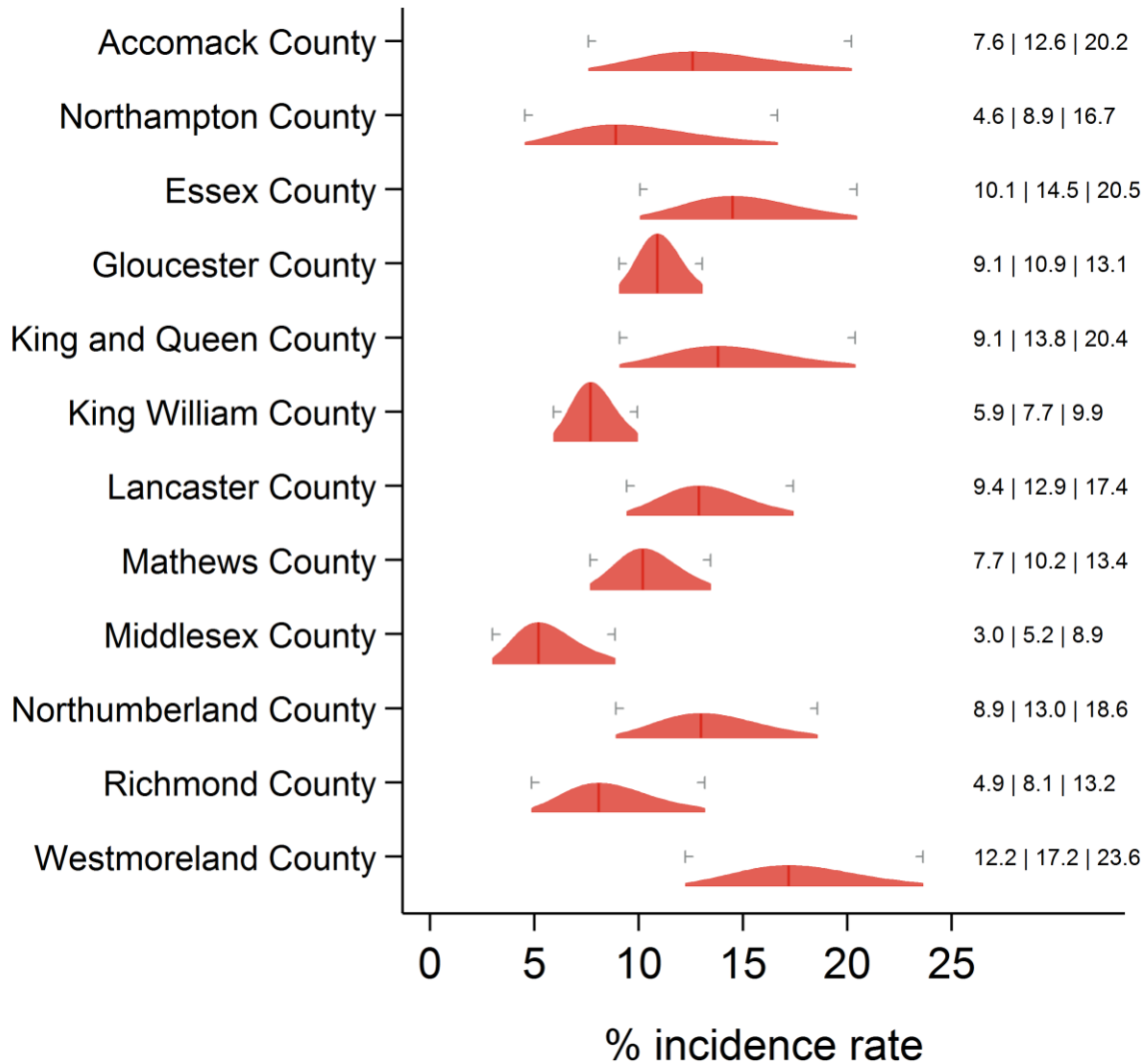| County	LCB | Point | UCB
Chesterfield County	5.8 | 7.6 | 9.8
Powhatan County	4.0 | 5.8 | 8.4
Colonial Heights City	1.2 | 3.3 | 8.6
Charles City County	10.8 | 16.2 | 23.6
Goochland County	4.2 | 6.4 | 9.6
Hanover County	3.1 | 4.4 | 6.3
New Kent County	6.3 | 8.6 | 11.7
Henrico County	8.8 | 10.3 | 12.1
Richmond City	18.8 | 22.0 | 25.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
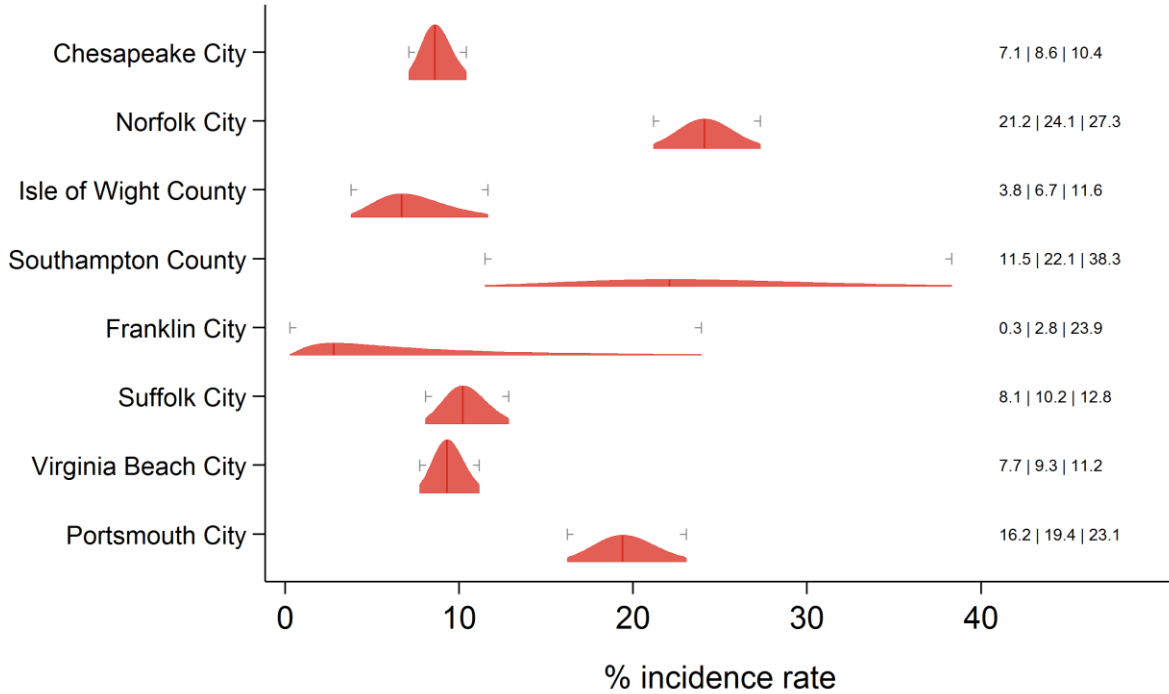# Crater, Peninsula and Hampton HDs

County/City	LCB | Point | UCB
Dinwiddie County	14.0 | 16.8 | 20.1
Greensville County	9.6 | 13.4 | 18.4
Prince George County	7.1 | 10.1 | 14.1
Surry County	8.5 | 14.7 | 24.3
Sussex County	9.3 | 13.3 | 18.6
Emporia City	4.9 | 50.9 | 95.4
Hopewell City	9.9 | 15.4 | 23.2
Petersburg City	15.8 | 23.9 | 34.5
Hampton City	8.4 | 11.0 | 14.2
James City County	4.8 | 6.5 | 8.7
York County	4.6 | 6.2 | 8.4
Newport News City	16.7 | 18.9 | 21.3
Poquoson City	2.3 | 3.7 | 5.8
Williamsburg City	4.3 | 7.7 | 13.5

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Eastern Shore and Three Rivers HDs

County	LCB	Point Estimate	UCB
Accomack County	7.6	12.6	20.2
Northampton County	4.6	8.9	16.7
Essex County	10.1	14.5	20.5
Gloucester County	9.1	10.9	13.1
King and Queen County	9.1	13.8	20.4
King William County	5.9	7.7	9.9
Lancaster County	9.4	12.9	17.4
Mathews County	7.7	10.2	13.4
Middlesex County	3.0	5.2	8.9
Northumberland County	8.9	13.0	18.6
Richmond County	4.9	8.1	13.2
Westmoreland County	12.2	17.2	23.6

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Health Care Coverage - Ages 18-64
Norfolk,Portsmouth,Chesapeake,VA Beach,W. Tidewater HDs

Chesapeake City	7.1 | 8.6 | 10.4
Norfolk City	21.2 | 24.1 | 27.3
Isle of Wight County	3.8 | 6.7 | 11.6
Southampton County	11.5 | 22.1 | 38.3
Franklin City	0.3 | 2.8 | 23.9
Suffolk City	8.1 | 10.2 | 12.8
Virginia Beach City	7.7 | 9.3 | 11.2
Portsmouth City	16.2 | 19.4 | 23.1

% incidence rate

Text at right: 2-sided 95% LCB | Point Estimate | 2-sided 95% UCB
Gray markers: 95% confidence interval

Additional diagnostics

Direct estimate is inside the 95% SAE Wilson CI: 57 areas.

Direct estimate is outside the 95% SAE Wilson CI: 76 areas.

SAE estimate is inside the 95% direct Wilson CI: 126 areas.

SAE estimate is outside the 95% direct Wilson CI: 7 areas.

SAE Wilson 95% CI is fully inside the 95% direct Wilson CI: 112 areas.

SAE Wilson 95% CI partially overlaps with the 95% direct Wilson CI: 21 areas.

SAE Wilson 95% CI and the 95% direct Wilson CI do not overlap: 0 areas.

SAE standard error is less that the direct standard error: 114 areas.

SAE standard error is greater that the (nonzero) direct standard error: 4 areas.

Direct standard error is zero: 15 areas.

Proportion of SAE variance due to ACS sampling error: min = 0.03%; med = 1.79%; max = 9.09%.

Proportion of SAE variance due to sampling error in regression coefficient estimates: min = 41.19%; med = 84.64%; max = 99.02%.

Proportion of SAE variance due to model selection: min = 0.01%; med = 3.09%; max = 58.69%.

Proportion of SAE variance due to area random effects: min = 0.09%; med = 5.89%; max = 19.08%.