


Cardiovascular - Stroke at the State, Health Region, and Health District Levels, Virginia, 2011

		Correct Stroke Symptoms and First Aid Response Knowledge							
		Yes				No			
		Sample Size	Weighted Counts	Weighted Percent (%)	CI	Sample Size	Weighted Counts	Weighted Percent (%)	CI
*Virginia	*State Total	1161	968963	15.7	14.5 - 17.0	5444	5187088	84.3	83.0 - 85.5
Central	*Region Total	224	179395	17.2	14.2 - 20.2	1023	861235	82.8	79.8 - 85.8
	Chesterfield	32	57175	20.1	12.2 - 28.0	147	227507	79.9	72.0 - 87.8
	Chickahominy	37	24070	20.2	12.3 - 28.1	139	95111	79.8	71.9 - 87.7
	Crater	31	17464	11.3	6.4 - 16.1	173	137547	88.7	83.9 - 93.6
	Henrico	33	28362	14.3	8.4 - 20.2	161	169823	85.7	79.8 - 91.6
	Piedmont	---	---	---	---	---	---	---	---
	Richmond City	28	13555	13.9	7.7 - 20.2	134	83863	86.1	79.8 - 92.3
	Southside	35	19002	21.5	15.5 - 27.4	136	69559	78.5	72.6 - 84.5
	Eastern	*Region Total	284	205866	14.1	11.6 - 16.6	1413	1255645	85.9
Chesapeake		48	33547	22.5	13.8 - 31.2	157	115477	77.5	68.8 - 86.2
Eastern Shore		25	4377	11.2	6.3 - 16.0	139	34855	88.8	84.0 - 93.7
Hampton		37	18144	13.7	8.7 - 18.7	150	114550	86.3	81.3 - 91.3
Norfolk City		---	---	---	---	---	---	---	---
Peninsula		30	24559	9.6	5.6 - 13.7	172	230226	90.4	86.3 - 94.4
Portsmouth		---	---	---	---	117	47146	87.9	81.4 - 94.5
Three Rivers		34	24330	12.1	6.6 - 17.5	188	177212	87.9	82.5 - 93.4
Virginia Beach		26	48071	15.7	8.7 - 22.7	153	257956	84.3	77.3 - 91.3

	Western Tidewater									85.9 -
		25	13887	9.8	5.4 - 14.1	160	128221	90.2	94.6	
Northern	<b>*Region Total</b>									79.7 -
		222	251523	17.2	14.2 - 20.3	978	1209299	82.8	85.8	
	Alexandria									82.0 -
		35	11487	12.8	7.7 - 18.0	118	77934	87.2	92.3	
	Arlington									81.3 -
		38	22180	13.7	8.7 - 18.7	161	139908	86.3	91.3	
	Fairfax									79.0 -
	71	119712	16.5	12.0 - 21.0	363	607080	83.5	88.0		
Loudoun										---
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Prince William										75.3 -
	38	53808	17.5	10.4 - 24.7	191	252990	82.5	89.6		
Northwestern	<b>*Region Total</b>									79.7 -
		168	154937	17.3	14.2 - 20.3	696	741564	82.7	85.8	
	Central Shenandoah									82.7 -
		23	26713	11.6	5.9 - 17.3	155	203560	88.4	94.1	
	Lord Fairfax									71.8 -
		33	37986	20.5	12.9 - 28.2	124	146895	79.5	87.1	
	Rappahannock									75.2 -
	36	39675	18.3	11.8 - 24.8	146	176840	81.7	88.2		
Rappahannock/Rapidan									76.6 -	
	34	21348	17.0	10.7 - 23.4	139	103946	83.0	89.3		
Thomas Jefferson										71.7 -
	42	29216	20.9	13.6 - 28.3	132	110323	79.1	86.4		
Southwestern	<b>*Region Total</b>									84.4 -
		263	177242	13.7	11.7 - 15.6	1334	1119345	86.3	88.3	
	Alleghany									69.8 -
		56	35272	23.1	16.0 - 30.2	180	117398	76.9	84.0	
	Central Virginia									78.9 -
		32	33162	15.3	9.5 - 21.1	157	183871	84.7	90.5	
	Cumberland Plateau									82.3 -
		22	15365	11.7	5.7 - 17.7	145	116342	88.3	94.3	
	Lenowisco									84.2 -
		21	9761	10.7	5.7 - 15.8	140	81087	89.3	94.3	
	Mount Rogers									79.8 -
	29	28520	14.4	8.6 - 20.2	157	169554	85.6	91.4		
New River									84.8 -	
	32	16429	10.7	6.2 - 15.2	159	137061	89.3	93.8		
Pittsylvania/Danville									81.5 -	
	28	15867	12.9	7.3 - 18.5	159	107290	87.1	92.7		
Roanoke City									88.6 -	
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West Piedmont										83.1 -
					6.5 -					

		23	15625	11.7	16.9	125	117658	88.3	93.5
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1. Data source: Virginia Department of Health, Division of Policy and Evaluation, Behavioral Risk Factor Surveillance Survey, 2011. Weighted counts and weighted percents are weighted to population characteristics.
2. "-" replaces estimates when the unweighted sample size for the denominator was < 20 or the CI half width was > 10 for any cell.
3. Responses of don't know/not sure, refused, or missing were removed from the numerator and denominator in all estimates.
4. \*\*\* Use caution in interpreting sample sizes less than 50.
5. CI= 95% confidence interval.
6. \*\*\* Respondents received a "yes" if they correctly identified all five signs of a stroke and if they answered that they would call 9-1-1 as their first action if they thought someone was having a stroke.
7. \*\*\* Stroke Symptoms include: 1) sudden confusion or trouble speaking, 2) sudden numbness or weakness of face, arm, or leg, especially on one side, 3) sudden trouble seeing in one or both eyes, 4) sudden trouble walking, dizziness, or loss of balance, and 5) severe headache with no known cause.