

Table 5A: Florida 2005 BRFSS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden confusion or trouble speaking is a stroke symptom					p-value	Knew that sudden numbness/weakness of face, arm, or leg is a stroke symptom					p-value	Knew that sudden trouble seeing in one or both eyes is a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	7808	6806	84.0	82.7-85.4		7797	7216	90.9	89.9-92.0		7788	5300	67.4	65.9-68.9				
Gender																		
Male	2899	2423	80.2	77.9-82.5	<.0001	2893	2623	88.6	86.6-90.5	<.0001	2888	1915	65.7	63.2-68.3	0.0415			
Female	4909	4383	87.6	86.2-89.0		4904	4593	93.1	92.1-94.1		4900	3385	69.0	67.1-70.8				
Race																		
White	6388	5724	88.0	86.7-89.3	<.0001	6382	5989	93.2	92.1-94.2	<.0001	6375	4489	70.6	69.0-72.3	<.0001			
African American	695	569	80.8	76.6-85.1		692	620	89.5	85.9-93.1		690	398	57.7	52.5-62.9				
Asian	58	45	81.2	70.4-92.0		58	52	91.9	84.7-99.0		58	36	63.5	48.9-78.1				
American Indian	82	73	88.4	77.8-98.9		81	77	99.1	98.0-100.0		81	58	74.9	60.3-89.5				
Other Race	504	344	62.5	56.3-68.7		503	415	77.2	71.6-82.9		503	274	54.8	48.7-60.9				
Hispanic Origin																		
Hispanic	987	693	65.4	61.1-69.7	<.0001	983	799	77.8	74.0-81.7	<.0001	982	512	52.8	48.5-57.0	<.0001			
-English Speaking	549	443	74.7	69.3-80.2	<.0001	547	493	88.1	83.9-92.2	<.0001	546	315	57.2	51.5-62.8	<.0001			
-Spanish Speaking	438	250	54.6	48.1-61.1		436	306	66.0	59.6-72.4		436	197	47.7	41.3-54.2				
Non-Hispanic	6774	6075	88.6	87.4-89.8		6767	6376	94.2	93.3-95.1		6759	4761	71.1	69.5-72.7				
Age																		
18-24	375	285	73.2	67.2-79.2	<.0001	374	343	89.1	84.4-93.9	<.0001	373	246	61.4	54.7-68.1	<.0001			
25-34	883	734	78.6	74.3-82.9		882	797	86.6	83.1-90.2		881	592	67.0	62.6-71.3				
35-44	1290	1143	85.3	82.1-88.4		1289	1219	93.0	90.5-95.4		1289	889	69.4	65.9-72.9				
45-54	1424	1297	89.5	87.2-91.9		1423	1345	93.5	91.5-95.5		1420	1049	74.3	71.2-77.4				
55-64	1496	1386	92.3	90.4-94.2		1496	1424	95.2	93.7-96.6		1495	1082	71.6	68.3-74.9				
65-74	1222	1081	87.1	84.4-89.9		1220	1140	93.5	91.5-95.5		1218	815	65.3	61.6-69.0				
75+	1055	826	78.0	74.5-81.4		1050	890	83.4	80.2-86.7		1049	579	55.7	51.7-59.6				
Education																		
Less Than H.S.	883	595	61.2	56.0-66.5	<.0001	879	703	74.1	69.2-78.9	<.0001	878	413	46.5	41.3-51.7	<.0001			
H.S. or G.E.D.	2429	2070	80.8	78.1-83.5		2426	2228	90.3	88.2-92.3		2422	1519	61.6	58.5-64.6				
Some Post-H.S.	2159	1966	88.7	86.5-90.9		2157	2039	93.5	91.8-95.2		2154	1554	70.8	67.9-73.6				
College Graduate	2314	2156	91.5	89.7-93.2		2312	2224	95.5	94.1-96.9		2311	1802	77.6	75.3-79.9				
Income																		
Less than \$15,000	787	604	67.9	61.7-74.2	<.0001	784	679	80.4	74.7-86.1	<.0001	784	433	54.4	48.3-60.5	<.0001			
\$15,000-24,999	1388	1153	76.8	73.3-80.4		1385	1248	88.0	85.4-90.7		1383	870	60.5	56.6-64.3				
\$25,000-34,999	974	856	83.1	79.1-87.1		974	901	90.8	88.0-93.6		974	662	66.9	62.5-71.3				
\$35,000-49,999	1153	1042	87.3	83.8-90.8		1152	1097	92.3	89.0-95.5		1151	823	67.7	63.5-72.0				
\$50,000-74,999	1040	964	89.7	86.7-92.8		1040	1011	95.5	93.1-97.9		1040	788	73.6	69.8-77.5				
\$75,000+	1359	1285	93.0	91.0-95.0		1358	1311	96.1	94.7-97.5		1357	1070	79.3	76.5-82.1				

Table 5A: Florida 2005 BRFSS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden trouble walking, dizziness, loss of balance is a stroke symptom					p-value	Knew that sudden severe headache with no known cause is a stroke symptom					p-value	Knew that sudden chest pain is NOT a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	7787	6453	81.9	80.6-83.2		7788	4795	60.2	58.6-61.7		7791	3050	39.8	38.2-41.3				
Gender																		
Male	2887	2354	79.9	77.7-82.1	0.0046	2889	1595	55.2	52.5-57.8	<.0001	2889	1168	40.6	38.0-43.2	0.3167			
Female	4900	4099	83.7	82.2-85.1		4899	3200	64.9	63.0-66.8		4902	1882	39.0	37.1-40.9				
Race																		
White	6374	5399	84.8	83.5-86.1	<.0001	6375	3969	61.1	59.3-62.8	0.1627	6377	2607	41.7	39.9-43.4	0.0094			
African American	691	536	77.2	72.7-81.6		691	404	56.3	51.0-61.5		691	219	35.0	29.8-40.2				
Asian	58	41	74.3	62.0-86.6		58	31	59.1	44.7-73.4		58	17	32.3	17.5-47.1				
American Indian	81	64	83.7	70.8-96.7		81	46	45.2	26.7-63.8		81	27	42.5	23.3-61.6				
Other Race	503	358	68.4	62.7-74.2		502	300	62.6	56.8-68.4		503	157	31.9	26.0-37.9				
Hispanic Origin																		
Hispanic	981	691	68.8	64.8-72.9	<.0001	981	595	58.2	54.0-62.5	0.3006	983	339	35.9	31.7-40.0	0.0391			
-English Speaking	546	419	75.1	70.0-80.3	<.0001	547	294	48.1	42.4-53.7	<.0001	547	170	29.5	24.5-34.4	0.0005			
-Spanish Speaking	435	272	61.5	55.2-67.8		434	301	70.1	64.3-75.9		436	169	43.3	36.8-49.9				
Non-Hispanic	6759	5727	85.2	83.9-86.4		6760	4167	60.6	58.9-62.4		6761	2695	40.7	39.0-42.4				
Age																		
18-24	373	305	79.2	73.5-84.9	<.0001	373	199	55.6	48.9-62.3	<.0001	373	107	26.9	21.0-32.7	<.0001			
25-34	881	704	78.5	74.5-82.4		881	498	54.4	49.7-59.1		881	336	40.7	36.1-45.3				
35-44	1289	1094	83.6	80.7-86.5		1289	763	58.3	54.5-62.1		1289	552	44.8	40.9-48.6				
45-54	1421	1227	85.6	82.9-88.2		1420	941	66.3	63.0-69.7		1421	617	45.2	41.7-48.8				
55-64	1493	1307	86.6	84.0-89.2		1495	1018	68.8	65.5-72.1		1495	633	40.8	37.4-44.3				
65-74	1218	1013	83.5	80.6-86.4		1219	790	64.6	60.9-68.3		1219	463	39.9	36.2-43.7				
75+	1049	749	72.7	69.0-76.3		1048	555	51.5	47.5-55.5		1050	321	32.7	29.0-36.5				
Education																		
Less Than H.S.	877	558	61.3	56.0-66.5	<.0001	877	434	52.4	47.1-57.6	<.0001	878	257	33.5	28.4-38.6	<.0001			
H.S. or G.E.D.	2421	1944	80.1	77.7-82.5		2422	1394	56.2	53.1-59.2		2423	793	33.9	30.9-36.8				
Some Post-H.S.	2155	1863	85.1	82.7-87.4		2155	1380	61.3	58.3-64.4		2155	858	38.6	35.7-41.6				
College Graduate	2311	2072	88.4	86.5-90.3		2311	1572	65.9	63.2-68.5		2312	1134	48.6	45.8-51.3				
Income																		
Less than \$15,000	784	589	74.5	69.2-79.8	<.0001	784	451	62.2	56.6-67.8	0.9102	784	243	35.6	29.5-41.8	<.0001			
\$15,000-24,999	1382	1090	76.7	73.4-80.1		1383	825	60.4	56.5-64.2		1383	459	32.4	28.7-36.1				
\$25,000-34,999	974	821	82.4	78.7-86.1		973	602	59.6	55.0-64.3		974	352	36.3	31.9-40.8				
\$35,000-49,999	1151	989	83.7	80.0-87.4		1150	746	62.1	57.7-66.4		1151	464	40.0	35.7-44.3				
\$50,000-74,999	1040	913	85.0	81.7-88.4		1040	670	60.4	56.2-64.6		1040	473	45.0	40.8-49.2				
\$75,000+	1357	1214	89.1	87.0-91.2		1358	894	62.5	59.0-66.0		1358	686	48.6	45.1-52.1				

Table 5B: Georgia BRFSS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden confusion or trouble speaking is a stroke symptom					p-value	Knew that sudden numbness/weakness of face, arm, or leg is a stroke symptom					p-value	Knew that sudden trouble seeing in one or both eyes is a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	5760	5093	86.9	85.4-88.4		5761	5378	93.0	91.8-94.2		5760	3787	65.0	63.2-66.9				
Gender																		
Male	1949	1639	82.5	79.7-85.2	<.0001	1949	1786	91.1	88.9-93.3	0.0006	1949	1229	62.2	59.1-65.4	0.0043			
Female	3811	3454	91.1	89.8-92.5		3812	3592	94.9	93.9-95.8		3811	2558	67.7	65.6-69.7				
Race																		
White	4173	3761	89.7	88.2-91.3	<.0001	4174	3944	95.2	94.1-96.2	<.0001	4173	2851	68.6	66.6-70.7	0.0013			
African American	1377	1173	85.2	82.4-88.0		1377	1258	91.8	89.6-94.1		1377	812	58.7	54.9-62.6				
Asian	40	28	65.5	45.4-85.6		40	32	70.8	50.8-90.8		40	23	54.2	33.3-75.1				
American Indian	30	23	79.3	55.0-100.0		30	25	81.9	57.3-100.0		30	18	63.6	38.3-88.8				
Other Race	116	89	60.2	44.9-75.5		116	99	76.1	61.1-91.1		116	70	55.3	40.8-69.7				
Hispanic Origin																		
Hispanic	127	101	68.1	53.8-82.5	0.0002	127	110	78.3	65.6-90.9	<.0001	127	67	55.2	42.0-68.5	0.1183			
-English Speaking	127	101	68.1	53.8-82.5	0.0002	127	110	78.3	65.6-90.9	<.0001	127	67	55.2	42.0-68.5	0.1183			
-Spanish Speaking																		
Non-Hispanic	5614	4982	87.7	86.3-89.2		5615	5257	93.7	92.6-94.8		5614	3713	65.5	63.6-67.4				
Age																		
18-24	321	257	77.4	70.9-83.9	<.0001	321	299	91.1	86.2-96.0	<.0001	321	199	61.7	54.6-68.8	<.0001			
25-34	785	687	84.0	79.8-88.3		785	744	91.5	87.7-95.3		784	510	59.7	54.7-64.7				
35-44	994	925	92.0	89.5-94.5		994	961	95.8	93.9-97.8		994	686	68.7	65.0-72.5				
45-54	1194	1099	91.5	89.4-93.6		1194	1141	95.5	94.0-96.9		1194	825	69.2	65.8-72.5				
55-64	1018	945	91.2	88.5-93.9		1019	974	95.7	94.2-97.3		1019	736	71.3	67.5-75.0				
65-74	840	724	86.5	83.2-89.9		840	765	90.4	87.2-93.6		840	535	66.1	61.8-70.3				
75+	568	422	76.6	72.1-81.1		568	457	82.2	78.3-86.2		568	270	49.7	44.2-55.3				
Education																		
Less Than H.S.	847	633	74.0	68.2-79.9	<.0001	847	702	83.7	78.4-89.0	<.0001	847	383	44.8	39.1-50.5	<.0001			
H.S. or G.E.D.	1776	1544	83.7	80.6-86.7		1777	1651	92.0	89.8-94.3		1776	1102	59.4	55.8-62.9				
Some Post-H.S.	1425	1306	89.7	87.1-92.3		1425	1373	95.3	93.3-97.2		1425	991	69.2	65.9-72.6				
College Graduate	1704	1604	93.1	91.3-94.9		1704	1646	96.0	94.6-97.5		1704	1307	75.5	72.6-78.4				
Income																		
Less than \$15,000	734	596	83.5	79.7-87.2	<.0001	734	640	90.5	88.1-92.9	0.0014	733	395	55.4	49.7-61.1	<.0001			
\$15,000-24,999	930	783	79.4	74.5-84.2		930	849	91.9	88.8-95.0		930	564	60.8	55.9-65.8				
\$25,000-34,999	634	553	81.8	76.2-87.4		634	598	90.3	85.1-95.5		634	396	56.9	50.8-63.0				
\$35,000-49,999	772	698	89.2	85.9-92.5		772	735	94.8	92.3-97.2		772	528	67.3	62.7-71.9				
\$50,000-74,999	791	755	94.0	91.7-96.3		791	774	97.4	95.9-98.9		791	596	73.4	68.9-78.0				
\$75,000+	1098	1045	91.7	88.3-95.0		1098	1076	96.2	93.6-98.9		1098	841	73.7	69.8-77.7				

Table 5B: Georgia BRFSS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden trouble walking, dizziness, loss of balance is a stroke symptom					p-value	Knew that sudden severe headache with no known cause is a stroke symptom					p-value	Knew that sudden chest pain is NOT a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	5757	4779	82.6	81.0-84.2		5523	4779	86.0	84.5-87.5		5758	2131	38.3	36.5-40.1				
Gender																		
Male	1948	1579	81.0	78.3-83.6	0.0417	1875	1579	84.3	81.8-86.9	0.0271	1948	757	38.3	35.4-41.3	0.9638			
Female	3809	3200	84.2	82.5-85.9		3648	3200	87.6	86.0-89.2		3810	1374	38.3	36.1-40.4				
Race																		
White	4171	3540	85.2	83.5-86.9	<.0001	4020	3540	88.4	86.9-89.9	<.0001	4171	1662	42.6	40.5-44.7	<.0001			
African American	1376	1093	80.5	77.4-83.6		1306	1093	84.2	81.3-87.1		1377	387	28.5	25.0-32.0				
Asian	40	27	67.9	48.8-87.1		38	27	69.5	50.1-88.9		40	16	33.9	14.5-53.4				
American Indian	30	20	68.7	44.0-93.5		29	20	70.9	45.6-96.3		30	13	45.8	20.5-71.0				
Other Race	116	82	62.2	47.4-76.9		107	82	67.1	51.2-83.0		116	43	35.6	23.0-48.3				
Hispanic Origin																		
Hispanic	126	94	66.7	52.9-80.5	0.0032	120	94	69.9	55.6-84.2	0.0021	126	45	38.8	26.0-51.6	0.9293			
-English Speaking	126	94	66.7	52.9-80.5	0.0032	120	94	69.9	55.6-84.2	0.0021	126	45	38.8	26.0-51.6	0.9293			
-Spanish Speaking																		
Non-Hispanic	5612	4678	83.3	81.8-84.9		5384	4678	86.8	85.3-88.2		5613	2079	38.2	36.4-40.0				
Age																		
18-24	321	267	81.8	75.7-87.8	<.0001	306	267	87.0	81.6-92.4	<.0001	321	111	35.0	28.4-41.7	<.0001			
25-34	783	647	78.3	73.8-82.9		753	647	81.3	76.7-85.8		783	316	40.9	36.2-45.6				
35-44	993	851	85.1	82.2-88.0		960	851	87.7	84.9-90.5		994	419	40.2	36.2-44.2				
45-54	1194	1033	86.8	84.3-89.3		1155	1033	89.2	86.8-91.6		1194	477	41.2	37.5-44.8				
55-64	1019	894	88.6	86.2-91.1		984	894	91.5	89.3-93.7		1019	418	42.4	38.4-46.4				
65-74	839	681	81.5	77.7-85.2		804	681	84.8	81.1-88.4		839	226	27.3	23.4-31.1				
75+	568	375	65.7	60.4-71.1		523	375	72.6	67.7-77.6		568	149	25.6	20.9-30.3				
Education																		
Less Than H.S.	846	571	67.6	61.7-73.4	<.0001	784	571	72.4	66.3-78.5	<.0001	846	178	24.7	19.6-29.8	<.0001			
H.S. or G.E.D.	1775	1446	81.8	78.9-84.6		1695	1446	85.3	82.7-88.0		1776	563	31.9	28.7-35.1				
Some Post-H.S.	1425	1249	85.1	82.1-88.1		1385	1249	88.6	85.9-91.3		1425	543	37.1	33.5-40.6				
College Graduate	1703	1508	87.5	85.3-89.7		1651	1508	89.9	87.8-92.0		1703	845	51.1	47.9-54.4				
Income																		
Less than \$15,000	732	548	76.5	71.6-81.5	<.0001	698	548	79.4	74.4-84.4	<.0001	733	184	29.5	24.0-35.0	<.0001			
\$15,000-24,999	930	728	79.0	74.9-83.1		888	728	82.6	78.6-86.7		930	268	27.0	22.9-31.2				
\$25,000-34,999	634	523	79.0	73.4-84.6		605	523	82.7	77.1-88.4		634	216	31.6	26.3-36.9				
\$35,000-49,999	772	658	85.2	81.7-88.6		741	658	87.5	84.1-90.9		772	321	44.6	39.7-49.5				
\$50,000-74,999	791	713	88.2	84.6-91.7		765	713	91.1	87.9-94.3		791	339	40.5	35.9-45.0				
\$75,000+	1098	1001	88.2	84.9-91.5		1075	1001	91.1	88.1-94.1		1098	548	47.4	43.3-51.5				

Table 5C: North Carolina 2005 BRFS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden confusion or trouble speaking is a stroke symptom					Knew that sudden numbness/weakness of face, arm, or leg is a stroke symptom					Knew that sudden trouble seeing in one or both eyes is a stroke symptom				
	Total Resp.	n	%	95% CI	p-value	Total Resp.	n	%	95% CI	p-value	Total Resp.	n	%	95% CI	p-value
Total	15249	13373	85.0	84.1-85.8		15246	14091	90.8	90.1-91.5		15243	10637	68.7	67.6-69.7	
Gender															
Male	5421	4577	82.0	80.4-83.5	<.0001	5421	4918	88.8	87.6-90.1	<.0001	5420	3715	67.6	65.9-69.3	0.0529
Female	9828	8796	87.8	86.8-88.7		9825	9173	92.6	91.9-93.3		9823	6922	69.7	68.5-70.9	
Race															
White	11523	10476	90.0	89.1-90.8	<.0001	11523	10964	95.2	94.7-95.8	<.0001	11521	8398	72.6	71.5-73.7	<.0001
African American	2626	2193	80.9	78.6-83.2		2622	2333	87.6	85.6-89.7		2621	1655	63.3	60.7-66.0	
Asian	97	71	70.1	58.7-81.5		97	82	81.4	71.8-91.0		97	59	57.0	45.0-69.0	
American Indian	270	239	88.2	83.4-93.0		270	245	91.0	86.7-95.3		270	183	70.8	64.2-77.4	
Other Race	684	357	48.2	42.8-53.6		685	427	57.1	51.8-62.4		685	311	44.4	39.0-49.8	
Hispanic Origin															
Hispanic	806	412	46.5	41.8-51.2	<.0001	806	505	58.4	53.7-63.1	<.0001	806	382	44.6	39.9-49.3	<.0001
-English Speaking	241	182	66.9	58.8-75.1	<.0001	242	199	80.2	73.5-86.9	<.0001	241	144	55.3	47.1-63.5	<.0001
-Spanish Speaking	565	230	40.7	35.1-46.3		564	306	52.2	46.6-57.9		565	238	41.6	36.0-47.2	
Non-Hispanic	14432	12954	88.8	88.1-89.6		14429	13580	94.1	93.5-94.6		14426	10250	71.1	70.1-72.1	
Age															
18-24	727	547	72.0	67.6-76.3	<.0001	727	619	83.3	79.6-87.0	<.0001	727	463	62.6	58.0-67.2	<.0001
25-34	2211	1862	82.2	80.1-84.4		2211	2013	90.1	88.5-91.8		2211	1527	68.2	65.7-70.6	
35-44	2976	2678	87.9	86.3-89.5		2974	2797	92.5	91.2-93.9		2974	2122	70.4	68.3-72.4	
45-54	2960	2746	91.3	90.0-92.7		2960	2841	94.5	93.2-95.7		2960	2208	73.4	71.3-75.4	
55-64	2714	2487	91.1	89.7-92.5		2713	2582	95.0	93.9-96.0		2713	2016	73.5	71.4-75.6	
65-74	2018	1796	88.0	86.2-89.8		2018	1876	92.5	91.1-94.0		2016	1413	70.2	67.8-72.6	
75+	1573	1197	76.4	73.9-78.9		1573	1301	82.1	79.8-84.5		1572	841	53.5	50.5-56.4	
Education															
Less Than H.S.	2342	1606	62.1	59.0-65.3	<.0001	2342	1818	72.3	69.4-75.2	<.0001	2341	1153	49.0	45.8-52.1	<.0001
H.S. or G.E.D.	4577	3953	84.1	82.5-85.7		4575	4247	92.4	91.4-93.5		4574	2943	63.4	61.5-65.4	
Some Post-H.S.	3745	3476	91.0	89.5-92.5		3744	3590	94.9	93.6-96.3		3743	2841	75.3	73.4-77.3	
College Graduate	4559	4322	94.0	93.1-95.0		4559	4417	96.4	95.7-97.2		4559	3686	79.8	78.3-81.3	
Income															
Less than \$15,000	1809	1434	73.0	69.8-76.3	<.0001	1808	1552	81.2	78.2-84.2	<.0001	1806	1052	57.6	54.3-60.9	<.0001
\$15,000-24,999	2705	2203	74.9	72.2-77.5		2704	2406	83.8	81.4-86.3		2704	1676	59.0	56.2-61.8	
\$25,000-34,999	1871	1654	83.8	81.1-86.5		1871	1753	92.3	90.6-93.9		1870	1297	68.0	65.0-70.9	
\$35,000-49,999	2084	1923	92.0	90.4-93.5		2083	1996	95.9	94.9-97.0		2084	1570	73.0	70.3-75.7	
\$50,000-74,999	2015	1928	94.5	92.9-96.1		2015	1972	96.8	95.3-98.3		2015	1564	76.0	73.5-78.5	
\$75,000+	2565	2449	94.8	93.7-95.9		2565	2506	97.3	96.5-98.2		2565	2118	81.0	79.1-82.9	

Table 5C: North Carolina 2005 BRFSS data; Knowledge of stroke symptoms by demographics

Demographic Groups	Knew that sudden trouble walking, dizziness, loss of balance is a stroke symptom					p-value	Knew that sudden severe headache with no known cause is a stroke symptom					p-value	Knew that sudden chest pain is NOT a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	15235	12698	81.9	81.0-82.8		15228	9813	62.7	61.6-63.7		15237	5667	37.7	36.6-38.8				
Gender																		
Male	5417	4419	80.4	78.9-81.9	0.0012	5413	3214	59.3	57.6-61.1	<.0001	5418	2102	39.0	37.2-40.8	0.0205			
Female	9818	8279	83.4	82.3-84.4		9815	6599	65.8	64.6-67.0		9819	3565	36.5	35.3-37.7				
Race																		
White	11516	9960	86.6	85.7-87.4	<.0001	11514	7559	64.0	62.8-65.2	<.0001	11517	4521	39.8	38.6-41.0	<.0001			
African American	2619	2057	77.3	75.0-79.7		2617	1658	63.2	60.6-65.7		2619	783	31.5	28.9-34.1				
Asian	97	73	70.1	58.5-81.7		97	49	37.2	26.3-48.2		97	30	35.7	23.9-47.6				
American Indian	270	208	76.9	70.6-83.2		268	164	59.0	51.4-66.7		270	92	36.7	29.2-44.3				
Other Race	684	364	51.3	46.0-56.7		683	353	52.5	47.2-57.8		685	224	31.6	26.6-36.6				
Hispanic Origin																		
Hispanic	805	432	49.3	44.6-54.1	<.0001	804	440	54.8	50.1-59.5	0.0003	806	277	34.4	29.9-38.9	0.1249			
-English Speaking	241	174	71.0	63.4-78.4	<.0001	241	132	53.1	45.0-61.2	0.0006	241	85	37.2	29.2-45.2	0.2126			
-Spanish Speaking	564	258	43.2	37.7-48.8		563	308	55.3	49.7-60.9		565	192	33.6	28.3-38.8				
Non-Hispanic	14419	12259	85.2	84.4-86.0		14413	9370	63.5	62.4-64.5		14420	5387	38.0	37.0-39.1				
Age																		
18-24	727	555	74.1	69.9-78.4	<.0001	726	387	54.5	49.8-59.2	<.0001	727	251	35.3	30.7-40.0	<.0001			
25-34	2211	1796	80.2	78.0-82.4		2208	1314	58.6	56.0-61.1		2211	852	39.5	36.9-42.0				
35-44	2972	2552	84.3	82.6-86.1		2972	1855	61.6	59.4-63.7		2973	1259	41.2	39.0-43.4				
45-54	2959	2604	87.1	85.6-88.7		2958	2082	69.6	67.5-71.6		2960	1204	40.4	38.2-42.6				
55-64	2713	2358	87.0	85.4-88.6		2713	1903	69.5	67.4-71.7		2713	1060	39.4	37.2-41.7				
65-74	2013	1681	84.2	82.3-86.1		2013	1369	68.2	65.8-70.6		2012	624	31.9	29.4-34.3				
75+	1570	1098	69.0	66.2-71.8		1568	862	55.8	52.8-58.7		1571	401	24.5	22.0-27.0				
Education																		
Less Than H.S.	2338	1512	60.4	57.3-63.5	<.0001	2336	1163	49.8	46.7-53.0	<.0001	2339	619	28.5	25.6-31.5	<.0001			
H.S. or G.E.D.	4571	3754	81.5	79.9-83.1		4568	2814	59.9	57.9-61.9		4571	1439	32.7	30.7-34.6				
Some Post-H.S.	3743	3255	87.2	85.6-88.8		3742	2574	66.4	64.3-68.5		3743	1413	37.9	35.7-40.0				
College Graduate	4557	4162	90.5	89.4-91.6		4556	3250	69.7	68.1-71.4		4558	2190	48.0	46.2-49.8				
Income																		
Less than \$15,000	1805	1337	71.8	68.7-74.9	<.0001	1803	1050	57.3	54.0-60.7	<.0001	1804	488	29.3	26.1-32.5	<.0001			
\$15,000-24,999	2702	2074	71.9	69.1-74.7		2700	1649	57.1	54.2-59.9		2703	819	28.6	26.1-31.1				
\$25,000-34,999	1870	1565	81.5	79.0-84.0		1869	1188	62.4	59.3-65.4		1870	679	38.4	35.1-41.7				
\$35,000-49,999	2084	1843	88.0	86.2-89.9		2083	1367	63.8	61.1-66.5		2084	822	40.0	37.2-42.8				
\$50,000-74,999	2015	1817	88.9	86.9-90.0		2015	1418	68.4	65.8-71.0		2015	875	43.2	40.4-46.0				
\$75,000+	2563	2373	92.2	91.0-93.5		2563	1841	71.0	68.8-73.1		2564	1295	50.2	47.9-52.6				

Table 5D: South Carolina 2006 BRFSS data; Knowledge of stroke symptoms of demographics

	Knew that sudden confusion or trouble speaking is a stroke symptom					p-value	Knew that sudden numbness/weakness of face, arm, or leg is a stroke symptom					p-value	Knew that sudden trouble seeing in one or both eyes is a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	8701	7566	86.2	85.1-87.3		8699	8184	94.2	93.5-94.9		8699	5959	69.0	67.7-70.3				
Gender																		
Male	3338	2790	82.4	80.6-84.3	<.0001	3339	3112	93.0	91.7-94.3	0.0014	3339	2296	68.8	66.6-70.9	0.7542			
Female	5363	4776	89.6	88.5-90.7		5360	5072	95.2	94.5-95.9		5360	3663	69.2	67.6-70.8				
Race																		
White	6649	5955	89.8	88.8-90.8	<.0001	6650	6349	96.0	95.3-96.6	<.0001	6651	4746	71.9	70.5-73.3	<.0001			
African American	1743	1376	78.7	76.0-81.4		1741	1571	91.4	89.7-93.1		1740	1032	63.3	60.2-66.4				
Asian	38	30	80.4	63.7-97.2		38	33	84.7	68.4-100.0		38	27	70.1	50.9-89.2				
American Indian	74	59	74.8	58.7-91.0		74	67	92.6	84.9-100.0		74	42	52.7	36.5-68.8				
Other Race	131	100	72.5	61.6-83.5		131	113	80.2	69.6-90.7		131	78	55.9	44.3-67.5				
Hispanic Origin																		
Hispanic	173	133	71.2	61.6-80.8	<.0001	173	153	81.7	72.7-90.7	<.0001	173	89	54.1	44.0-64.1	0.0010			
-English Speaking	173	133	71.2	61.6-80.8	<.0001	173	153	81.7	72.7-90.7	<.0001	173	89	54.1	44.0-64.1	0.0010			
-Spanish Speaking	0	0				0	0				0	0						
Non-Hispanic	8361	7340	87.1	86.0-88.1		8358	7907	94.8	94.2-95.5		8358	5803	69.8	68.5-71.2				
Age																		
18-24	316	247	77.3	71.7-83.0	<.0001	316	290	91.8	88.2-95.4	<.0001	316	212	67.5	61.3-73.6	<.0001			
25-34	912	820	88.0	85.3-90.8		912	879	95.3	93.4-97.2		912	641	69.2	65.6-72.9				
35-44	1392	1277	89.4	87.2-91.7		1392	1356	96.7	95.4-98.0		1392	1020	71.9	68.9-74.9				
45-54	1747	1585	90.5	88.6-92.3		1746	1691	96.1	94.8-97.5		1746	1250	72.4	69.8-75.0				
55-64	1827	1662	89.9	88.1-91.6		1827	1749	95.5	94.2-96.8		1827	1321	71.1	68.6-73.6				
65-74	1438	1215	83.9	81.5-86.3		1438	1317	90.8	89.0-92.7		1437	951	65.7	62.8-68.7				
75+	993	696	68.3	64.3-72.2		992	830	83.8	81.0-86.5		993	518	53.8	49.8-57.7				
Education																		
Less Than H.S.	1262	882	71.3	67.9-74.8	<.0001	1262	1069	85.3	82.4-88.1	<.0001	1261	634	51.1	47.1-55.0	<.0001			
H.S. or G.E.D.	2649	2246	83.4	81.3-85.5		2649	2485	93.5	92.1-94.8		2649	1686	65.6	63.1-68.0				
Some Post-H.S.	2149	1945	88.9	86.8-91.1		2147	2080	96.6	95.3-97.9		2148	1558	72.0	69.3-74.6				
College Graduate	2613	2476	94.0	92.6-95.4		2613	2534	97.3	96.5-98.1		2613	2071	78.7	76.6-80.8				
Income																		
Less than \$15,000	1044	816	75.1	71.0-79.2	<.0001	1043	933	88.2	85.0-91.3	<.0001	1042	586	56.3	52.1-60.6	<.0001			
\$15,000-24,999	1303	1076	81.9	78.8-85.0		1304	1197	92.2	90.2-94.3		1304	819	62.5	58.7-66.3				
\$25,000-34,999	979	839	81.7	77.7-85.8		977	917	91.8	88.9-94.7		978	659	66.8	62.6-71.0				
\$35,000-49,999	1217	1108	89.7	87.1-92.2		1217	1181	97.4	96.4-98.4		1217	897	73.3	70.0-76.5				
\$50,000-74,999	1261	1184	93.1	91.3-94.9		1261	1234	97.7	96.6-98.8		1261	965	76.2	73.0-79.3				
\$75,000+	1673	1590	94.2	92.6-95.7		1673	1637	97.9	97.1-98.8		1673	1364	80.5	78.0-82.9				

Table 5D: South Carolina 2006 BRFSS data; Knowledge of stroke symptoms of demographics

	Knew that sudden trouble walking, dizziness, loss of balance is a stroke symptom					p-value	Knew that sudden severe headache with no known cause is a stroke symptom					p-value	Knew that sudden chest pain is NOT a stroke symptom					p-value
	Total Resp.	n	%	95% CI	Total Resp.		n	%	95% CI	Total Resp.	n		%	95% CI				
Total	8697	7291	83.7	82.6-84.8		8695	5415	59.4	57.9-60.8		8698	2739	30.1	28.8-31.4				
Gender																		
Male	3338	2776	82.6	80.8-84.4	0.0608	3338	1922	55.2	52.9-57.6	<.0001	3338	1067	29.7	27.6-31.8	0.5679			
Female	5359	4515	84.7	83.4-85.9		5357	3493	63.1	61.4-64.9		5360	1672	30.5	28.9-32.1				
Race																		
White	6648	5692	86.0	84.8-87.1	<.0001	6647	4229	61.3	59.7-62.8	0.0012	6649	2276	33.8	32.4-35.3	<.0001			
African American	1741	1366	79.1	76.6-81.7		1740	1022	56.3	53.0-59.6		1741	376	20.3	17.8-22.9				
Asian	38	31	91.3	84.1-98.6		38	25	67.7	50.5-84.8		38	10	25.3	9.1-41.5				
American Indian	74	58	74.2	60.3-88.2		74	39	44.9	29.3-60.4		74	25	31.8	16.5-47.1				
Other Race	131	99	70.9	59.8-81.9		131	70	44.6	33.4-55.7		131	36	24.5	14.6-34.5				
Hispanic Origin																		
Hispanic	173	130	71.5	62.1-80.9	0.0010	173	88	46.3	36.4-56.3	0.0069	173	52	26.6	17.6-35.5	0.4288			
-English Speaking	173	130	71.5	62.1-80.9	0.0010	173	88	46.3	36.4-56.3	0.0069	173	52	26.6	17.6-35.5	0.4288			
-Spanish Speaking	0	0				0	0				0	0						
Non-Hispanic	8356	7062	84.4	83.4-85.5		8354	5249	60.0	58.5-61.4		8357	2654	30.4	29.1-31.7				
Age																		
18-24	316	267	85.4	80.8-90.1	<.0001	316	141	44.7	38.1-51.4	<.0001	316	65	19.9	14.3-25.4	<.0001			
25-34	912	763	82.1	79.0-85.2		912	504	54.2	50.3-58.0		912	252	26.2	22.9-29.5				
35-44	1392	1220	85.4	83.0-87.9		1392	852	60.5	57.3-63.7		1392	455	32.7	29.7-35.8				
45-54	1746	1514	86.5	84.5-88.5		1746	1151	65.0	62.2-67.8		1746	594	33.7	30.9-36.4				
55-64	1827	1593	86.4	84.4-88.4		1826	1245	67.8	65.2-70.4		1827	671	36.4	33.8-39.1				
65-74	1436	1191	82.4	80.0-84.8		1435	948	64.0	60.9-67.0		1437	437	31.0	28.1-33.9				
75+	992	686	69.9	66.4-73.4		992	528	51.9	47.9-55.9		992	245	24.6	21.3-27.8				
Education																		
Less Than H.S.	1262	894	69.5	65.8-73.2	<.0001	1261	639	46.4	42.5-50.3	<.0001	1262	256	20.9	17.6-24.3	<.0001			
H.S. or G.E.D.	2648	2159	81.8	79.8-83.8		2647	1534	55.4	52.8-58.1		2649	748	25.4	23.3-27.6				
Some Post-H.S.	2148	1852	86.4	84.4-88.4		2148	1394	61.1	58.2-64.0		2148	683	30.6	28.0-33.2				
College Graduate	2611	2371	90.3	88.7-91.9		2611	1838	68.3	65.9-70.7		2611	1043	38.9	36.4-41.3				
Income																		
Less than \$15,000	1043	784	74.5	70.7-78.3	<.0001	1043	573	51.0	46.7-55.3	<.0001	1043	248	19.9	16.7-23.1	<.0001			
\$15,000-24,999	1304	1050	79.8	76.6-83.0		1303	742	51.1	47.2-55.0		1304	338	24.0	20.7-27.3				
\$25,000-34,999	978	811	81.1	77.3-84.9		978	594	56.6	52.1-61.1		978	303	28.5	24.5-32.5				
\$35,000-49,999	1216	1054	86.3	83.8-88.8		1216	811	62.4	58.6-66.1		1217	389	30.5	27.1-33.9				
\$50,000-74,999	1261	1130	88.0	85.5-90.5		1261	857	66.0	62.6-69.5		1261	440	33.9	30.5-37.2				
\$75,000+	1672	1538	91.6	89.9-93.4		1672	1178	68.7	65.9-71.6		1672	700	39.7	36.7-42.6				