

### Falls Case Definition:

For *nonfatal* hospital discharge and emergency department data, this analysis uses the “Nonfatal Unintentional Fall-related” Hospitalizations and Emergency Department Visits case definition established by the Council of State and Territorial Epidemiologists (CSTE) ICD-10-CM Transition Workgroup. For more information about this case definition or injury surveillance methodology, please visit: <https://resources.cste.org/Injury-Surveillance-Methods-Toolkit>.

For *fatal* data, this analysis uses the “Unintentional Fall-related Fatalities” case definition established by the National Center for Injury Prevention and Control.

### **Fall Deaths, Hospitalizations, and Emergency Department Visits Among North Carolina Residents Ages 60 and Above by County of Residence, 2018**

County	Deaths		Hospitalizations		ED Visits	
	N	Rate	N	Rate	N	Rate
<i>Alamance</i>	46	119.5	351	912.1	2,341	6,083.5
<i>Alexander</i>	0	0	103	1,022.8	499	4,955.3
<i>Alleghany</i>	1	*	31	775.8	265	6,631.6
<i>Anson</i>	1	*	46	724.3	389	6,125.0
<i>Ashe</i>	6	65.1	99	1,074.7	421	4,570.1
<i>Avery</i>	5	97.8	68	1,329.9	463	9,055.3
<i>Beaufort</i>	10	66.7	122	813.9	789	5,263.9
<i>Bertie</i>	2	*	39	655.5	370	6,218.5
<i>Bladen</i>	2	*	58	587.6	354	3,586.6
<i>Brunswick</i>	19	33.2	322	563.4	1,046	1,830.1
<i>Buncombe</i>	50	71.3	623	888.1	2,537	3,616.6
<i>Burke</i>	9	36.4	233	943.4	1,144	4,632.1
<i>Cabarrus</i>	38	96.9	396	1,010.2	2,320	5,918.4
<i>Caldwell</i>	7	31.5	202	909.7	1,146	5,161.0
<i>Camden</i>	1	*	7	278.2	91	3,616.9

<i>Carteret</i>	10	42.7	186	794.7	1,120	4,785.3
<i>Caswell</i>	4	*	17	253.4	146	2,175.9
<i>Catawba</i>	9	23.2	319	820.9	2,126	5,471.1
<i>Chatham</i>	18	77.5	111	478.0	558	2,402.9
<i>Cherokee</i>	2	*	65	597.6	465	4,275.1
<i>Chowan</i>	2	*	40	868.8	367	7,971.3
<i>Clay</i>	2	*	17	380.7	132	2,956.3
<i>Cleveland</i>	22	88.4	280	1,125.3	1,885	7,575.8
<i>Columbus</i>	3	*	112	747.3	215	1,434.6
<i>Craven</i>	10	38.2	202	771.5	1,372	5,239.8
<i>Cumberland</i>	24	42.5	467	827.6	2,472	4,380.6
<i>Currituck</i>	1	*	13	202.4	110	1,712.3
<i>Dare</i>	6	53.4	36	320.5	531	4,726.7
<i>Davidson</i>	16	38.3	367	878.8	1,851	4,432.2
<i>Davie</i>	12	98.8	98	806.8	532	4,379.7
<i>Duplin</i>	5	33.3	115	766.5	886	5,905.1
<i>Durham</i>	32	53.8	406	683.0	1,096	1,843.7
<i>Edgecombe</i>	5	35.1	100	702.2	828	5,814.2
<i>Forsyth</i>	70	83.3	845	1,005.1	3,867	4,599.6
<i>Franklin</i>	5	31.0	99	613.5	338	2,094.7
<i>Gaston</i>	20	40.2	470	944.4	2,218	4,456.6
<i>Gates</i>	0	0	12	370.9	124	3,833.1
<i>Graham</i>	0	0	22	822.7	112	4,188.5
<i>Granville</i>	6	41.6	121	838.1	476	3,297.1
<i>Greene</i>	2	*	23	465.3	158	3,196.4
<i>Guilford</i>	78	69.4	1,014	902.4	6,215	5,531.0
<i>Halifax</i>	5	35.2	110	774.3	800	5,631.4
<i>Harnett</i>	9	38.1	172	727.5	902	3,815.1
<i>Haywood</i>	31	154.9	264	1,319.1	1,067	5,331.5

<i>Henderson</i>	45	115.7	352	904.8	1,668	4,287.5
<i>Hertford</i>	3	*	46	705.2	330	5,059.0
<i>Hoke</i>	1	*	25	301.0	310	3,732.7
<i>Hyde</i>	2	*	4	*	28	1,814.6
<i>Iredell</i>	16	40.5	382	967.3	2,559	6,479.6
<i>Jackson</i>	8	70.4	103	905.8	495	4,353.2
<i>Johnston</i>	24	62.6	330	860.7	1,844	4,809.2
<i>Jones</i>	0	0	11	360.4	121	3,964.6
<i>Lee</i>	7	49.9	145	1,033.4	819	5,837.1
<i>Lenoir</i>	8	52.3	110	719.0	906	5,922.0
<i>Lincoln</i>	10	47.9	173	829.2	1,156	5,540.9
<i>McDowell</i>	6	47.4	109	861.9	636	5,028.9
<i>Macon</i>	12	93.7	146	1,140.1	930	7,262.2
<i>Madison</i>	5	76.8	47	722.1	164	2,519.6
<i>Martin</i>	1	*	62	861.0	439	6,096.4
<i>Mecklenburg</i>	82	46.1	1,159	651.8	7,723	4,343.6
<i>Mitchell</i>	3	*	58	1,174.3	320	6,479.0
<i>Montgomery</i>	3	*	65	854.0	346	4,546.1
<i>Moore</i>	10	33.0	215	708.4	1,251	4,122.0
<i>Nash</i>	5	20.9	204	852.7	912	3,812.1
<i>New Hanover</i>	29	51.7	527	939.4	1,719	3,064.3
<i>Northampton</i>	1	*	46	667.2	421	6,105.9
<i>Onslow</i>	15	58.0	230	889.0	1,492	5,766.9
<i>Orange</i>	15	51.7	236	813.4	1,003	3,457.1
<i>Pamlico</i>	3	*	23	463.4	171	3,445.5
<i>Pasquotank</i>	0	0	72	768.0	642	6,848.0
<i>Pender</i>	6	38.2	122	777.0	536	3,413.6
<i>Perquimans</i>	4	*	23	483.2	233	4,895.0
<i>Person</i>	9	83.0	93	857.9	475	4,381.9
<i>Pitt</i>	16	47.4	268	794.1	1,568	4,646.3

<i>Polk</i>	9	110.0	63	770.1	508	6,209.5
<i>Randolph</i>	11	31.4	288	822.5	1,382	3,946.9
<i>Richmond</i>	1	*	90	820.6	647	5,899.0
<i>Robeson</i>	7	24.7	240	846.6	597	2,105.8
<i>Rockingham</i>	17	66.5	222	868.5	1,722	6,736.8
<i>Rowan</i>	28	81.9	336	982.4	1,067	3,119.7
<i>Rutherford</i>	9	46.3	163	839.4	945	4,866.4
<i>Sampson</i>	6	38.8	154	994.9	533	3,443.4
<i>Scotland</i>	1	*	82	948.6	561	6,490.1
<i>Stanly</i>	12	75.5	162	1,019.3	997	6,272.8
<i>Stokes</i>	5	37.5	131	983.5	498	3,738.7
<i>Surry</i>	8	40.7	245	1,245.2	1,522	7,735.3
<i>Swain</i>	2	*	44	1,188.5	221	5,969.7
<i>Transylvania</i>	12	89.9	104	779.6	877	6,573.7
<i>Tyrrell</i>	0	0	8	729.9	76	6,934.3
<i>Union</i>	18	42.6	317	749.6	2,021	4,779.1
<i>Vance</i>	5	43.9	87	764.6	124	1,089.8
<i>Wake</i>	93	50.8	1,495	816.5	6,547	3,575.6
<i>Warren</i>	3	*	28	414.2	71	1,050.3
<i>Washington</i>	3	*	27	683.4	175	4,429.3
<i>Watauga</i>	4	*	77	626.4	520	4,230.0
<i>Wayne</i>	13	46.2	238	845.4	1,240	4,404.8
<i>Wilkes</i>	4	*	177	892.3	1,441	7,264.2
<i>Wilson</i>	6	29.3	175	855.2	900	4,398.4
<i>Yadkin</i>	4	*	87	857.7	420	4,140.8
<i>Yancey</i>	5	84.0	67	1,125.3	342	5,744.0
<b>Total</b>	<b>1,241</b>	<b>53.1</b>	<b>19,296</b>	<b>825.9</b>	<b>104,315</b>	<b>4,465.0</b>

\*Rates are not calculated for counts that are greater than 0 and less than 5.

**Fall Deaths, Hospitalizations, and Emergency Department Visits Among North Carolina Residents Ages 60 and Above by Sex, 2018**

Sex	Deaths		Hospitalizations		ED Visits	
	N	Rate	N	Rate	N	Rate
<i>Male</i>	557	53.5	6,154	590.6	34,890	3,348.4
<i>Female</i>	684	52.8	13,142	1,015.4	68,944	5,326.8
<i>Unknown/Undetermined</i>	0	N/A	*	N/A	481	N/A
<b>Total</b>	<b>1,241</b>	<b>53.1</b>	<b>19,296</b>	<b>825.9</b>	<b>104,315</b>	<b>4,465.0</b>

**Fall Deaths, Hospitalizations, and Emergency Department Visits Among Madison, Buncombe, Henderson, Transylvania, and Haywood County Residents Ages 60 and Above by Sex, 2018**

Sex	Deaths		Hospitalizations		ED Visits	
	N	Rate	N	Rate	N	Rate
<i>Male</i>	62	93.2	467	702.2	2,066	3,106.5
<i>Female</i>	81	98.3	923	1,120.0	4,239	5,143.9
<i>Unknown/Undetermined</i>	0	N/A	0	N/A	8	N/A
<b>Total</b>	<b>143</b>	<b>96.0</b>	<b>1,390</b>	<b>933.4</b>	<b>6,313</b>	<b>4,239.3</b>

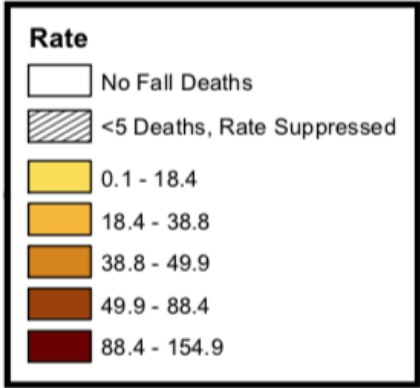
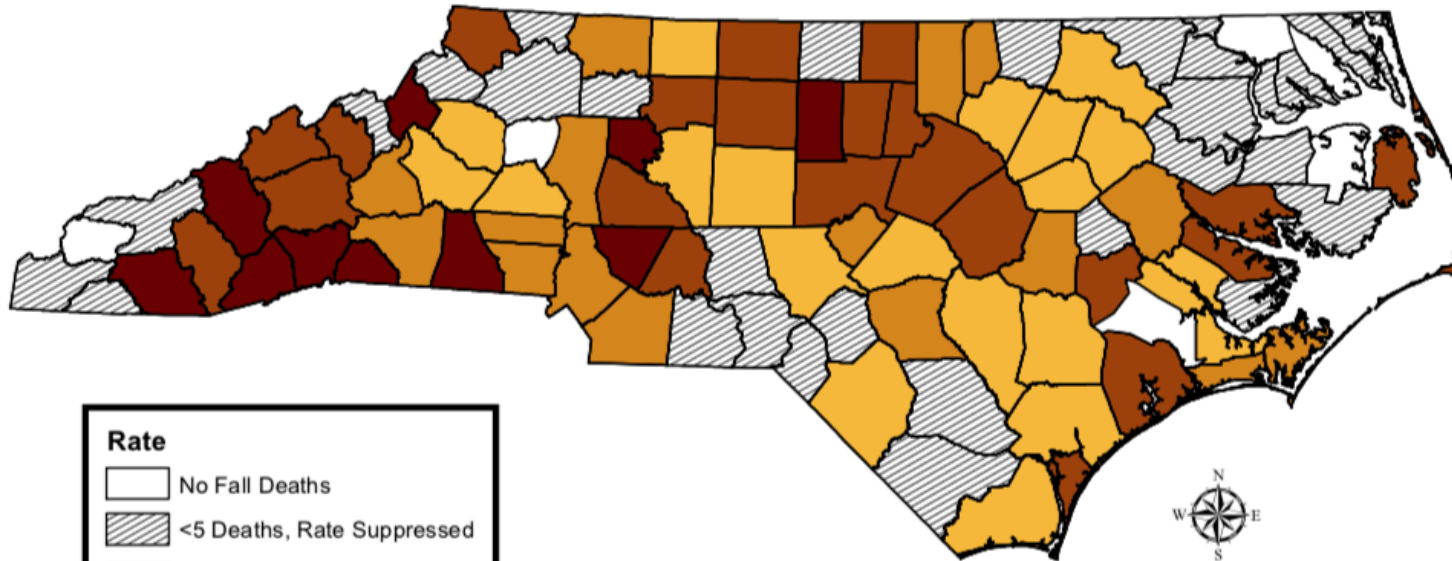
**Fall Deaths, Hospitalizations, and Emergency Department Visits Among North Carolina Residents Ages 60 and Above by Race/Ethnicity, 2018**

Race/Ethnicity	Deaths		Hospitalizations		ED Visits	
	N	Rate	N	Rate	N	Rate
<i>White, NH</i>	1,110	61.9	16,597	925.8	84,555	4,716.7
<i>Black, NH</i>	102	24.2	1,694	401.7	13,406	3,179.1
<i>American Indian, NH</i>	7	29.6	293	1,239.4	548	2,318.0
<i>Asian, NH</i>	7	17.9	107	273.3	413	1,054.8
<i>Hispanic</i>	13	22.0	231	390.7	2,511	4,246.8
<i>Other/Unknown</i>	2	N/A	374	N/A	2,882	N/A
<b>Total</b>	<b>1,241</b>	<b>53.1</b>	<b>19,296</b>	<b>825.9</b>	<b>104,315</b>	<b>4,465.0</b>

**Fall Deaths, Hospitalizations, and Emergency Department Visits Among Madison, Buncombe, Henderson, Transylvania, and Haywood County Residents Ages 60 and Above by Race/Ethnicity, 2018**

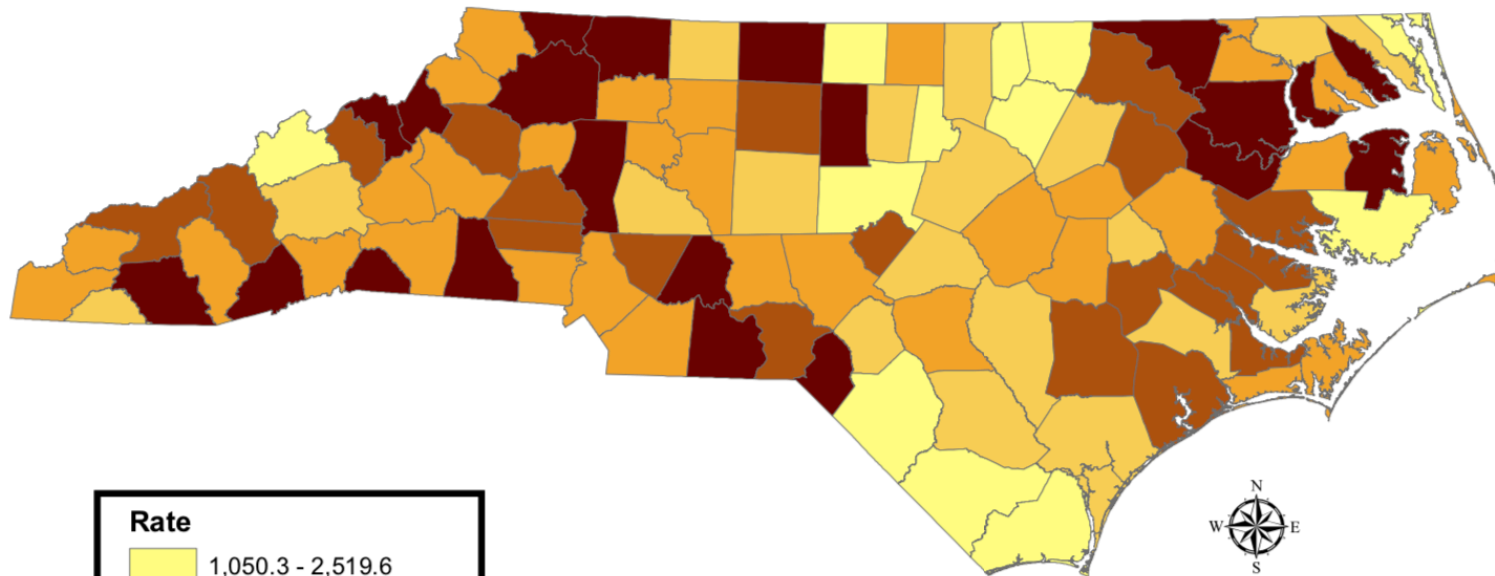
Race/Ethnicity	Deaths		Hospitalizations		ED Visits	
	N	Rate	N	Rate	N	Rate
<i>White, NH</i>	139	99.3	1,302	930.5	5,922	4,232.4
<i>Black, NH</i>	2	*	25	518.2	155	3,213.1
<i>American Indian, NH</i>	2	*	5	1,050.4	27	5,672.3
<i>Asian, NH</i>	0	0	4	*	25	2,196.8
<i>Hispanic</i>	0	0	6	234.6	49	1,915.6
<i>Other/Unknown</i>	0	N/A	48	N/A	135	N/A
<b>Total</b>	<b>143</b>	<b>96.0</b>	<b>1,390</b>	<b>933.4</b>	<b>6,313</b>	<b>4,239.3</b>

## Fall-Related Death Rate Per 100,000 Among North Carolina Residents 60 and Older (2018)



# Fall-Related ED Visit Rate Per 100,000

Among North Carolina Residents 60 and Older (2018)

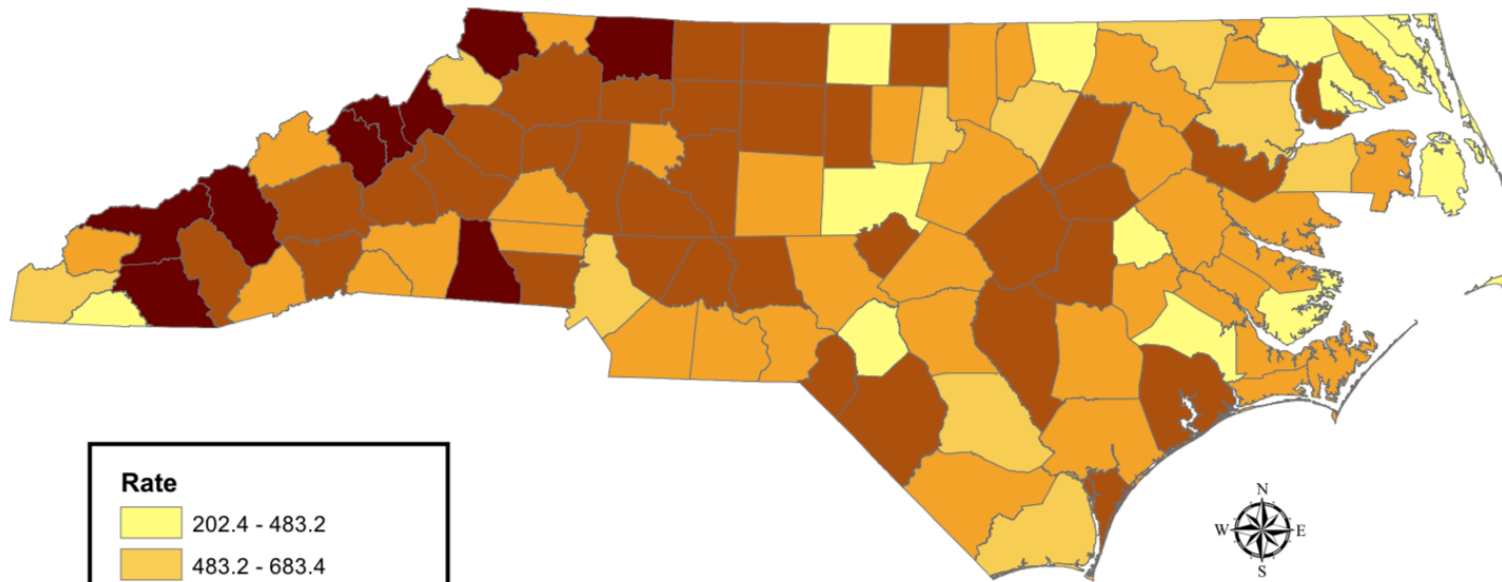


Rate	
1,050.3 - 2,519.6	
2,519.6 - 3,964.6	
3,964.6 - 5,059.0	
5,059.0 - 5,969.7	
5,969.7 - 9,055.4	



# Fall-Related Hospitalization Rate Per 100,000

Among North Carolina Residents 60 and Older (2018)



Rate	
202.4 - 483.2	Light Yellow
483.2 - 683.4	Yellow-Orange
683.4 - 839.4	Orange
839.4 - 1,033.4	Dark Orange
1,033.4 - 1,329.9	Dark Red