

North Carolina Table 1. Impact of Health Insurance Gaps on Total COVID-19 Cases, from January 22, 2020 through August 31, 2020, and through February 1, 2021

County	Cases through August 31, 2020		Cases through February 1, 2021*		Percentage of Total Cases Linked to Health Insurance Gaps
	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
<b>North Carolina, statewide</b>	<b>172,879</b>	<b>85,933</b>	<b>761,301</b>	<b>376,753</b>	<b>50%**</b>
Alamance	3,261	1,693	13,852	7,192	52%
Alexander	413	204	3,514	1,732	49%
Alleghany	206	126	830	507	61%
Anson	447	227	2,046	1,041	51%
Ashe	208	116	1,688	942	56%
Avery	158	98	1,684	1,039	62%
Beaufort	607	304	3,802	1,905	50%
Bertie	447	218	1,535	748	49%
Bladen	734	449	2,633	1,609	61%
Brunswick	1,419	733	6,623	3,422	52%
Buncombe	2,621	1,271	13,402	6,498	48%
Burke	1,903	978	8,532	4,386	51%
Cabarrus	3,304	1,421	16,063	6,910	43%
Caldwell	1,468	784	7,892	4,216	53%
Camden	101	47	470	220	47%
Carteret	522	264	3,780	1,914	51%
Caswell	252	127	1,755	884	50%
Catawba	2,704	1,383	15,732	8,046	51%
Chatham	1,503	765	3,744	1,905	51%
Cherokee	450	249	1,882	1,042	55%
Chowan	224	106	1,222	576	47%
Clay	95	55	597	346	58%
Cleveland	1,623	813	9,386	4,702	50%
Columbus	1,125	633	5,187	2,920	56%
Craven	1,114	515	7,215	3,337	46%
Cumberland	4,315	1,869	20,407	8,841	43%
Currituck	121	59	1,122	547	49%
Dare	236	128	1,698	924	54%
Davidson	2,210	1,170	13,058	6,911	53%
Davie	490	245	3,033	1,519	50%
Duplin	2,248	1,499	5,284	3,522	67%

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	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
Durham	6,980	3,403	19,455	9,486	49%
Edgecombe	985	483	4,010	1,966	49%
Forsyth	6,215	3,064	27,913	13,761	49%
Franklin	1,065	553	4,652	2,415	52%
Gaston	4,156	2,004	21,506	10,368	48%
Gates	95	41	550	240	44%
Graham	58	36	530	331	63%
Granville	1,543	748	4,709	2,283	48%
Greene	420	272	1,966	1,271	65%
Guilford	6,996	3,196	35,206	16,081	46%
Halifax	884	448	4,341	2,198	51%
Harnett	1,694	888	8,311	4,357	52%
Haywood	523	251	3,361	1,611	48%
Henderson	1,736	936	7,730	4,168	54%
Hertford	581	279	1,804	865	48%
Hoke	904	503	3,692	2,053	56%
Hyde	102	61	588	352	60%
Iredell	2,577	1,221	14,237	6,745	47%
Jackson	558	336	3,017	1,819	60%
Johnston	4,004	2,058	15,509	7,972	51%
Jones	138	78	592	336	57%
Lee	1,455	839	4,859	2,802	58%
Lenoir	827	438	4,630	2,451	53%
Lincoln	1,133	546	7,939	3,827	48%
Macon	542	332	2,268	1,391	61%
Madison	71	34	1,221	592	48%
Martin	357	168	1,875	883	47%
McDowell	853	443	4,353	2,260	52%
Mecklenburg	25,860	12,887	86,860	43,285	50%
Mitchell	125	67	1,149	617	54%
Montgomery	894	499	2,742	1,531	56%
Moore	1,338	626	7,084	3,317	47%
Nash	1,707	809	8,157	3,865	47%

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County	Cases through August 31, 2020		Cases through February 1, 2021*		Percentage of Total Cases Linked to Health Insurance Gaps
	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
New Hanover	3,238	1,498	13,784	6,375	46%
Northampton	360	175	1,521	737	48%
Onslow	1,643	671	13,122	5,362	41%
Orange	2,373	1,006	6,823	2,894	42%
Pamlico	187	94	768	387	50%
Pasquotank	595	273	2,708	1,245	46%
Pender	782	386	4,124	2,033	49%
Perquimans	144	74	773	397	51%
Person	337	156	2,503	1,158	46%
Pitt	3,763	1,751	15,450	7,190	47%
Polk	271	142	1,190	624	52%
Randolph	2,488	1,406	11,508	6,505	57%
Richmond	690	355	3,682	1,893	51%
Robeson	3,720	2,326	13,424	8,394	63%
Rockingham	873	442	6,278	3,178	51%
Rowan	2,854	1,467	13,080	6,724	51%
Rutherford	988	518	6,262	3,283	52%
Sampson	1,879	1,186	6,148	3,881	63%
Scotland	680	365	3,172	1,702	54%
Stanly	1,526	760	6,024	3,002	50%
Stokes	336	162	3,173	1,530	48%
Surry	1,180	653	6,359	3,520	55%
Swain	131	84	1,068	684	64%
Transylvania	268	157	1,634	957	59%
Tyrrell	110	66	264	157	60%
Union	4,033	1,933	18,345	8,794	48%
Vance	916	461	3,712	1,869	50%
Wake	15,217	6,266	65,564	26,997	41%
Warren	291	170	1,423	830	58%
Washington	182	90	799	394	49%
Watauga	501	247	3,350	1,651	49%
Wayne	2,864	1,558	9,310	5,065	54%
Wilkes	1,051	584	5,399	3,002	56%

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	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
Wilson	1,778	963	7,416	4,017	54%
Yadkin	633	340	3,322	1,783	54%
Yancey	92	51	1,335	736	55%

Sources: National Center for Coverage Innovation at Families USA (NCCI) analysis of COVID-19 cumulative case and death rates, by county, Johns Hopkins University, [https://github.com/CSSEGISandData/COVID-19/blob/master/csse\\_covid\\_19\\_data/csse\\_covid\\_19\\_time\\_series/time\\_series\\_covid19\\_confirmed\\_US.csv](https://github.com/CSSEGISandData/COVID-19/blob/master/csse_covid_19_data/csse_covid_19_time_series/time_series_covid19_confirmed_US.csv), [https://github.com/CSSEGISandData/COVID-19/blob/master/csse\\_covid\\_19\\_data/csse\\_covid\\_19\\_time\\_series/time\\_series\\_covid19\\_deaths\\_US.csv](https://github.com/CSSEGISandData/COVID-19/blob/master/csse_covid_19_data/csse_covid_19_time_series/time_series_covid19_deaths_US.csv) U.S. Census Bureau, Small Area Health Insurance Estimates using the American Community Survey, 2018, <https://www2.census.gov/programs-surveys/sahie/datasets/time-series/estimates-acs/sahie-2018-csv.zip>

Notes: January 22, 2020, is the first date for which COVID-19 information for U.S. cases and deaths is available from Johns Hopkins University. These tables do not include county estimates where the number of cases or deaths is below 50.

\*Projected impact of insurance gaps on cumulative cases if trends observed from January 22, 2020, through August 31, 2020, continued through February 1, 2021

\*\*Statewide percentage is for the period ending on August 31, 2020.

**North Carolina Table 2. Impact of Health Insurance Gaps on Total COVID-19 Deaths, from January 22, 2020 through August 31, 2020, and through February 1, 2021**

County	Deaths through August 31, 2020		Deaths through February 1, 2021*		Percentage of Total Deaths Linked to Health Insurance Gaps
	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
<b>North Carolina, statewide</b>	<b>2,702</b>	<b>1,084</b>	<b>9,342</b>	<b>3,769</b>	<b>40%**</b>
Alamance			172	72	42%
Alexander			59	23	39%
Alleghany					
Anson					
Ashe					
Avery					
Beaufort			71	29	40%
Bertie					
Bladen					
Brunswick			102	42	42%

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County	Deaths through August 31, 2020		Deaths through February 1, 2021*		Percentage of Total Deaths Linked to Health Insurance Gaps
	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
Buncombe	70	27	253	98	39%
Burke			106	44	41%
Cabarrus	54	18	194	66	34%
Caldwell					
Camden					
Carteret					
Caswell					
Catawba			240	99	41%
Chatham	56	23	70	29	41%
Cherokee					
Chowan					
Clay					
Cleveland			189	76	40%
Columbus	51	23	115	53	46%
Craven			106	39	37%
Cumberland	66	23	207	71	34%
Currituck					
Dare					
Davidson			127	54	43%
Davie					
Duplin	52	29	115	64	56%
Durham	84	33	177	69	39%
Edgecombe			90	35	39%
Forsyth	74	29	280	110	39%
Franklin					
Gaston	63	24	325	125	38%
Gates					
Graham					
Granville			73	28	39%
Greene					
Guilford	170	62	414	150	36%
Halifax			81	33	41%
Harnett			117	49	42%

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	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
Haywood			76	29	38%
Henderson	60	26	127	55	44%
Hertford			55	21	38%
Hoke					
Hyde					
Iredell			157	59	38%
Jackson					
Johnston	50	21	154	64	41%
Jones					
Lee			56	26	47%
Lenoir			91	39	43%
Lincoln			50	19	38%
Macon					
Madison					
Martin					
McDowell			50	21	42%
Mecklenburg	289	115	760	303	40%
Mitchell					
Montgomery			68	31	45%
Moore			130	48	37%
Nash			138	52	38%
New Hanover			130	48	37%
Northampton					
Onslow			114	37	32%
Orange	50	17	82	27	33%
Pamlico					
Pasquotank			74	27	37%
Pender					
Perquimans					
Person			50	18	37%
Pitt			71	26	37%
Polk					
Randolph			179	82	46%

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	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
Richmond			71	29	41%
Robeson	60	31	180	93	52%
Rockingham					
Rowan	61	25	246	102	41%
Rutherford			173	73	42%
Sampson			80	42	52%
Scotland			65	28	43%
Stanly			93	37	40%
Stokes			56	22	38%
Surry			111	50	45%
Swain					
Transylvania					
Tyrrell					
Union			152	58	38%
Vance			75	30	40%
Wake	199	65	427	138	32%
Warren					
Washington					
Watauga					
Wayne	51	22	186	82	44%
Wilkes			91	41	45%
Wilson			133	58	44%
Yadkin					
Yancey					

Sources: National Center for Coverage Innovation at Families USA (NCCI) analysis of COVID-19 cumulative case and death rates, by county, Johns Hopkins University, [https://github.com/CSSEGISandData/COVID-19/blob/master/csse\\_covid\\_19\\_data/csse\\_covid\\_19\\_time\\_series/time\\_series\\_covid19\\_confirmed\\_US.csv](https://github.com/CSSEGISandData/COVID-19/blob/master/csse_covid_19_data/csse_covid_19_time_series/time_series_covid19_confirmed_US.csv), [https://github.com/CSSEGISandData/COVID-19/blob/master/csse\\_covid\\_19\\_data/csse\\_covid\\_19\\_time\\_series/time\\_series\\_covid19\\_deaths\\_US.csv](https://github.com/CSSEGISandData/COVID-19/blob/master/csse_covid_19_data/csse_covid_19_time_series/time_series_covid19_deaths_US.csv) U.S. Census Bureau, Small Area Health Insurance Estimates using the American Community Survey, 2018, <https://www2.census.gov/programs-surveys/sahie/datasets/time-series/estimates-acs/sahie-2018-csv.zip>

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