

Tennessee 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	
Tennessee, statewide	148,555	70,996	687,751	323,183	48%**
Anderson	874	402	7,248	3,332	46%
Bedford	1,114	603	5,556	3,009	54%
Benton	257	126	1,374	674	49%
Bledsoe	775	472	1,836	1,118	61%
Blount	2,010	912	12,668	5,750	45%
Bradley	2,473	1,271	11,602	5,964	51%
Campbell	328	164	3,477	1,742	50%
Cannon	200	97	1,658	804	48%
Carroll	637	291	3,286	1,501	46%
Carter	829	418	5,319	2,679	50%
Cheatham	710	328	3,615	1,672	46%
Chester	377	184	1,855	904	49%
Claiborne	366	170	2,419	1,126	47%
Clay	112	57	979	496	51%
Cocke	642	301	3,698	1,731	47%
Coffee	764	351	5,912	2,717	46%
Crockett	403	215	1,862	995	53%
Cumberland	826	405	5,663	2,776	49%
Davidson	23,474	12,306	75,072	39,357	52%
Decatur	303	147	1,513	734	48%
DeKalb	469	260	2,532	1,402	55%
Dickson	913	448	5,773	2,830	49%
Dyer	964	426	4,981	2,202	44%
Fayette	886	362	4,267	1,744	41%
Fentress	223	113	2,209	1,124	51%
Franklin	492	225	4,370	1,996	46%
Gibson	1,115	496	5,897	2,625	45%
Giles	442	208	3,425	1,613	47%
Grainger	278	144	2,228	1,151	52%
Greene	820	400	6,893	3,361	49%

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	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
Grundy	149	82	1,480	812	55%
Hamblen	1,659	886	7,440	3,975	53%
Hamilton	7,998	3,744	37,122	17,380	47%
Hancock	92	44	441	210	48%
Hardeman	1,238	587	3,220	1,526	47%
Hardin	700	345	3,112	1,534	49%
Hawkins	669	309	4,797	2,219	46%
Haywood	744	340	2,520	1,151	46%
Henderson	878	418	3,453	1,646	48%
Henry	460	211	2,757	1,267	46%
Hickman	376	192	2,349	1,201	51%
Houston	93	46	963	472	49%
Humphreys	168	83	1,417	699	49%
Jackson	217	114	1,091	575	53%
Jefferson	815	395	5,141	2,493	48%
Johnson	407	205	2,099	1,057	50%
Knox	6,429	2,707	41,544	17,492	42%
Lake	837	385	1,651	759	46%
Lauderdale	725	353	3,043	1,484	49%
Lawrence	762	367	5,373	2,590	48%
Lewis	132	66	1,353	678	50%
Lincoln	412	197	3,975	1,905	48%
Loudon	952	477	5,278	2,644	50%
Macon	906	484	3,006	1,606	53%
Madison	1,804	814	9,612	4,335	45%
Marion	325	148	2,408	1,100	46%
Marshall	533	237	3,683	1,639	45%
Maury	1,749	731	11,653	4,871	42%
McMinn	791	388	5,399	2,647	49%
McNairy	549	274	2,556	1,274	50%
Meigs	162	78	1,224	587	48%

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	Total Cases	Cases Linked to Health Insurance Gaps	Total Cases	Cases Linked to Health Insurance Gaps	
Monroe	749	395	4,872	2,566	53%
Montgomery	2,475	923	15,817	5,901	37%
Moore	93	37	854	338	40%
Morgan	209	106	2,020	1,028	51%
Obion	829	381	4,139	1,902	46%
Overton	435	210	2,648	1,277	48%
Perry	110	56	981	502	51%
Pickett	63	33	706	365	52%
Polk	327	171	1,565	817	52%
Putnam	2,368	1,135	10,407	4,989	48%
Rhea	652	321	4,002	1,973	49%
Roane	651	290	5,478	2,438	45%
Robertson	1,886	899	8,143	3,881	48%
Rutherford	7,825	3,271	35,188	14,708	42%
Scott	155	78	2,365	1,191	50%
Sequatchie	142	66	1,462	676	46%
Sevier	2,236	1,353	11,137	6,737	60%
Shelby	27,120	13,941	81,138	41,709	51%
Smith	516	236	2,394	1,094	46%
Stewart	96	47	1,152	565	49%
Sullivan	1,640	763	13,299	6,189	47%
Sumner	4,094	1,686	19,339	7,963	41%
Tipton	1,462	651	6,558	2,919	45%
Trousdale	1,618	784	2,331	1,130	48%
Unicoi	225	107	1,723	816	47%
Union	225	115	1,511	773	51%
Van Buren	71	37	680	351	52%
Warren	853	486	5,209	2,969	57%
Washington	1,741	754	12,437	5,388	43%
Wayne	1,279	647	2,754	1,394	51%
Weakley	842	413	3,529	1,730	49%

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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	
White	564	275	3,230	1,575	49%
Williamson	4,369	1,208	23,070	6,379	28%
Wilson	2,828	1,111	15,266	5,995	39%

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_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.

Tennessee 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	
Tennessee, statewide	1,720	661	9,486	3,593	38%**
Anderson			129	47	37%
Bedford			101	44	44%
Benton					
Bledsoe					
Blount			144	52	36%
Bradley			115	48	41%
Campbell					
Cannon					
Carroll			72	26	36%

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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	
Carter			132	53	40%
Cheatham					
Chester					
Claiborne					
Clay					
Cocke			73	27	37%
Coffee			99	36	37%
Crockett					
Cumberland			87	34	39%
Davidson	259	109	742	313	42%
Decatur					
DeKalb					
Dickson			87	34	39%
Dyer			87	30	35%
Fayette			60	19	32%
Fentress					
Franklin			70	25	36%
Gibson			123	43	35%
Giles			81	30	38%
Grainger					
Greene			127	50	39%
Grundy					
Hamblen			144	62	43%
Hamilton	74	28	366	136	37%
Hancock					
Hardeman			58	22	38%
Hardin			56	22	39%
Hawkins			84	31	37%
Haywood			58	21	36%
Henderson			65	25	38%
Henry			63	23	37%
Hickman					

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Houston					
Humphreys					
Jackson					
Jefferson			86	33	39%
Johnson					
Knox	57	19	498	165	33%
Lake					
Lauderdale					
Lawrence			74	28	38%
Lewis					
Lincoln			54	21	38%
Loudon			58	23	40%
Macon			57	25	43%
Madison			197	71	36%
Marion					
Marshall					
Maury			142	47	33%
McMinn			79	31	39%
McNairy					
Meigs					
Monroe			68	29	42%
Montgomery			165	48	29%
Moore					
Morgan					
Obion			87	32	37%
Overton					
Perry					
Pickett					
Polk					
Putnam			158	60	38%
Rhea			64	25	39%
Roane			93	33	35%

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	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
Robertson			94	36	38%
Rutherford	70	23	317	104	33%
Scott					
Sequatchie					
Sevier			134	67	50%
Shelby	387	160	1,271	525	41%
Smith					
Stewart					
Sullivan			243	90	37%
Sumner	86	28	261	85	32%
Tipton			84	30	35%
Trousdale					
Unicoi					
Union					
Van Buren					
Warren			63	29	46%
Washington			219	75	34%
Wayne					
Weakley			52	20	39%
White			52	20	39%
Williamson			172	37	21%
Wilson			182	56	31%

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_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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