

Pennsylvania 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>Pennsylvania, statewide</b>	<b>138,795</b>	<b>42,703</b>	<b>849,966</b>	<b>254,591</b>	<b>31%**</b>
Adams	642	202	6,578	2,065	31%
Allegheny	10,347	2,411	69,537	16,205	23%
Armstrong	314	92	4,614	1,346	29%
Beaver	1,611	382	11,019	2,613	24%
Bedford	170	55	3,639	1,182	32%
Berks	6,056	1,988	32,713	10,740	33%
Blair	461	131	9,967	2,832	28%
Bradford	99	30	3,938	1,178	30%
Bucks	7,805	1,882	40,349	9,729	24%
Butler	785	170	12,773	2,766	22%
Cambria	461	115	10,808	2,693	25%
Cameron			243	65	27%
Carbon	422	118	4,403	1,234	28%
Centre	486	147	11,335	3,433	30%
Chester	5,678	1,526	25,574	6,874	27%
Clarion	98	34	2,491	862	35%
Clearfield	227	65	5,627	1,620	29%
Clinton	136	44	2,506	814	32%
Columbia	665	186	4,175	1,170	28%
Crawford	214	76	5,953	2,100	35%
Cumberland	1,533	418	14,541	3,965	27%
Dauphin	3,329	1,008	18,614	5,638	30%
Delaware	10,357	2,864	37,443	10,354	28%
Elk	64	15	2,145	509	24%
Erie	1,349	368	15,616	4,258	27%
Fayette	692	194	9,701	2,720	28%
Forest			1,332	418	31%
Franklin	1,514	570	11,502	4,329	38%
Fulton			1,043	324	31%
Greene	140	41	2,420	706	29%
Huntingdon	364	108	3,886	1,148	30%

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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	
Indiana	427	149	4,778	1,669	35%
Jefferson	97	30	2,539	788	31%
Juniata	150	54	1,699	617	36%
Lackawanna	2,085	616	12,433	3,673	30%
Lancaster	6,731	3,189	38,660	18,317	47%
Lawrence	459	127	5,490	1,518	28%
Lebanon	1,728	616	11,805	4,205	36%
Lehigh	5,204	1,745	28,240	9,472	34%
Luzerne	3,778	1,102	22,951	6,695	29%
Lycoming	522	156	8,116	2,428	30%
McKean			2,746	780	28%
Mercer	546	167	7,504	2,301	31%
Mifflin	161	60	4,318	1,611	37%
Monroe	1,714	569	8,639	2,867	33%
Montgomery	11,035	2,390	48,832	10,576	22%
Montour	132	31	1,627	379	23%
Northampton	4,117	1,123	23,585	6,431	27%
Northumberland	681	209	6,866	2,105	31%
Perry	176	64	2,575	935	36%
Philadelphia	33,778	12,490	110,272	40,774	37%
Pike	542	168	2,146	666	31%
Potter			830	264	32%
Schuylkill	987	288	11,240	3,279	29%
Snyder	164	63	2,571	993	39%
Somerset	165	58	6,339	2,215	35%
Sullivan			282	102	36%
Susquehanna	267	89	1,524	506	33%
Tioga			2,273	705	31%
Union	377	128	4,071	1,380	34%
Venango	70	22	3,105	963	31%
Warren			2,027	545	27%
Washington	1,054	233	12,596	2,780	22%
Wayne	175	57	2,714	891	33%

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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	
Westmoreland	1,815	408	24,766	5,569	22%
Wyoming	67	18	1,059	289	27%
York	3,368	982	32,263	9,412	29%

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.

**Pennsylvania 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>Pennsylvania, statewide</b>	<b>7,659</b>	<b>1,819</b>	<b>21,651</b>	<b>5,020</b>	<b>24%**</b>
Adams			142	35	24%
Allegheny	313	56	1,521	271	18%
Armstrong			112	25	22%
Beaver	96	17	323	59	18%
Bedford			121	30	25%
Berks	380	97	804	205	25%
Blair			256	56	22%
Bradford			69	16	23%
Bucks	586	108	1,037	191	18%

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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	
Butler			328	54	17%
Cambria			364	69	19%
Cameron					
Carbon			124	27	22%
Centre			193	45	23%
Chester	357	74	646	133	21%
Clarion			74	20	27%
Clearfield			100	22	22%
Clinton			52	13	25%
Columbia			116	25	22%
Crawford			129	35	27%
Cumberland	72	15	439	92	21%
Dauphin	163	38	444	104	23%
Delaware	724	154	1,136	242	21%
Elk					
Erie			341	71	21%
Fayette			230	50	22%
Forest					
Franklin			300	88	29%
Fulton					
Greene					
Huntingdon			115	26	23%
Indiana			150	41	27%
Jefferson			75	18	24%
Juniata			77	22	28%
Lackawanna	213	49	355	81	23%
Lancaster	432	163	923	349	38%
Lawrence			167	36	21%
Lebanon	57	16	223	62	28%
Lehigh	343	89	689	180	26%
Luzerne	188	42	635	143	22%
Lycoming			208	48	23%
McKean			58	13	22%
Mercer			223	53	24%

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	Total Deaths	Deaths Linked to Health Insurance Gaps	Total Deaths	Deaths Linked to Health Insurance Gaps	
Mifflin			154	45	29%
Monroe	127	33	245	63	26%
Montgomery	861	142	1,389	229	17%
Montour			52	9	18%
Northampton	300	63	571	120	21%
Northumberland			294	70	24%
Perry			74	21	28%
Philadelphia	1,749	505	2,887	834	29%
Pike					
Potter					
Schuylkill	51	11	336	76	22%
Snyder			69	21	30%
Somerset			176	48	27%
Sullivan					
Susquehanna					
Tioga			90	22	24%
Union			74	19	26%
Venango			75	18	24%
Warren			92	19	21%
Washington			226	38	17%
Wayne					
Westmoreland			606	104	17%
Wyoming					
York	122	27	635	143	22%

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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