

A Comparison of 2014- 2020- Weekly Deaths in the USA from Pneumonia, Influenza, & (2020) Covid-19

Added Column for Reported Covid-19 deaths for 2020 to compare weeks 5-13 data for Cumulative Deaths from Data on Pneumonia + Influenza deaths for weeks 5-13 vs. Pneumonia + Influenza + Covid -19 deaths for weeks 5-13 in 2020.						
Year	Week	All Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid deaths
	2014	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2014	week 5- Feb	53955	4623	385	0	5,008
2014	week 6- Feb	53397	4475	315	0	4,790
2014	week 7- Feb	53815	4385	271	0	4,656
2014	week 8- Feb	52642	3989	209	0	4,198
2014	week 9- Mar	51674	3868	161	0	4,029
2014	Week 10- Mar	52058	4048	125	0	4,173
2014	week 11- Mar	51782	3941	93	0	4,034
2014	week 12- Mar	51385	3833	74	0	3,907
2014	week 13- Apr	50858	3795	65	0	3,860
2014	Totals wk 5-13	471,566	36,957	1,698	0	38,655
	2015	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2015	week 5- Feb	57284	4733	482	0	5,215
2015	week 6- Feb	56420	4569	405	0	4,974
2015	week 7- Feb	56348	4478	282	0	4,760
2015	week 8- Feb	55668	4498	221	0	4,719
2015	week 9- Mar	55732	4494	189	0	4,683
2015	Week 10- Mar	55272	4418	156	0	4,574
2015	week 11- Mar	54262	4179	139	0	4,318
2015	week 12- Mar	53238	3887	121	0	4,008
2015	week 13- Apr	53009	3825	99	0	3,924
2015	Totals wk 5-13	497,233	39,081	2,094	0	41,175
	2016	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2016	week 5- Feb	54896	4064	61	0	4,125
2016	week 6- Feb	55106	3935	93	0	4,028
2016	week 7- Feb	55785	4011	148	0	4,159
2016	week 8- Feb	54873	4197	187	0	4,384
2016	week 9- Mar	55875	4243	257	0	4,500
2016	Week 10- Mar	56112	4277	294	0	4,571
2016	week 11- Mar	54462	4143	351	0	4,494
2016	week 12- Mar	54662	4176	295	0	4,471
2016	week 13- Apr	53,880	3,893	282	0	4,175
2016	Totals wk 5-13	495,651	36,939	1,968	0	38,907
	2017	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2017	week 5- Feb	58,432	4,452	351	0	4,803
2017	week 6- Feb	59,038	4,447	419	0	4,866

2017	week 7- Feb	58,479	4,419	545	0	4,964
2017	week 8- Feb	58,288	4,369	605	0	4,974
2017	week 9- Mar	57,256	4,260	534	0	4,794
2017	Week 10- Mar	57,477	4,223	472	0	4,695
2017	week 11- Mar	56,656	4,100	376	0	4,476
2017	week 12- Mar	57,045	4,091	319	0	4,410
2017	week 13- Apr	55,703	3,887	333	0	4,220
2017	Totals wk 5-13	518,374	38,248	3,954	0	42,202
						* nearly 10% increase from 2016-2017 in this time period.
	2018	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2018	week 5- Feb	60,974	4,877	1,360	0	6,237
2018	week 6- Feb	61,110	4,689	1,243	0	5,932
2018	week 7- Feb	59,779	4,599	1,179	0	5,778
2018	week 8- Feb	57,793	4,426	892	0	5,318
2018	week 9- Mar	56,692	4,044	738	0	4,782
2018	Week 10- Mar	57,093	4,061	507	0	4,568
2018	week 11- Mar	56,326	3,853	444	0	4,297
2018	week 12- Mar	55,766	3,793	345	0	4,138
2018	week 13- Apr	54,918	3,779	284	0	4,063
2018	Totals wk 5-13	520,451	38,121	6,992	0	45,113
	2019	All USA Deaths	Pneumonia Deaths	Influenza Deaths	Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2019	week 5- Feb	58,126	3,888	327	0	4,215
2019	week 6- Feb	58,489	3,890	365	0	4,255
2019	week 7- Feb	57,917	3,890	482	0	4,372
2019	week 8- Feb	57,857	3,973	474	0	4,447
2019	week 9- Mar	57,918	3,753	516	0	4,269
2019	Week 10- Mar	58,488	3,746	544	0	4,290
2019	week 11- Mar	57,869	3,979	510	0	4,489
2019	week 12- Mar	57,087	3,795	479	0	4,274
2019	week 13- Apr	56,671	3,712	459	0	4,171
2019	Totals wk 5-13	520,422	34,626	4,156	0	38,782
	2020	All USA Deaths	Pneumonia Deaths	Influenza Deaths	USA Covid 19 deaths	Pneum+Inf+Covid-19 deaths
2020	week 5- Feb	56,231	3,607	451		4,058
2020	week 6- Feb	56,586	3,594	481		4,075
2020	week 7- Feb	55,109	3,567	486		4,053
2020	week 8- Feb	54,650	3,410	501		3,911
2020	week 9- Mar	54,268	3,446	568		4,014
2020	Week 10- Mar	53,463	3,530	552		4,082
2020	week 11- Mar	50,785	3,445	527		3,972
2020	week 12- Mar	48,488	3,697	435		4,132
2020	week 13- Apr	44,402	4,135	300		4,435
2020	Totals wk 5-13	473,982	32,431	4,301	12,757	49,489

2018	totals wk 5-13	520,451	38,121	6,992	0	45,113
DIFF	diff bet 2020 & 2018 (pneum+INF)		5,690	2,691	8,381	In 2018, 8,381 more cases of Pneumonia + Influenza than reported in 2020.
1	Assumption: 2020 was on track to have higher influenza and pneumonia death rates. So, if 2018 high pneumonia and influenza totals were labeled as covid-19 in 2020, results from 2018 would be similar to the reported COV-19 2020 totals. Especially, if a 10% increase in deaths in 2020 from Pneumonia and Influenza, compared to the 2018 Pneumonia and Influenza Deaths, has occurred. (see below).					
2	If the Pneumonia and Influenza Death Rates for week 5- week 13 of 2020 would have increased by 10%, compared to 2018 death rate in the same week 5- week 13 time period, that would account for another 3,812 (pneumonia) + 699 (influenza), or 4,511 deaths in 2020 that could then be attributed to, or labelled as, Covid-19 deaths in 2020 from week 5- week 13. This 10% increase would make the 2020 Covid-19 Total of 8381 + 4511 = 12,892 deaths. Quite close to the 12,757 deaths attributed to Covid-19 thus far in this time period. The question, then, becomes, is this entire shutdown justifiable for what could be explained as a 10% increase in pneumonia, influenza, and Covid-19 deaths during the 9 week period from Week 5 in February 2020 to week 13 in early April 2020.					
1	References: Geographic Differences in COVID-19 Cases, Deaths, and Incidence — United States, February 12–April 7, 2020 https://www.cdc.gov/mmwr/volumes/69/wr/mm6915e4.htm?s_cid=mm6915e4_w					
2	Pneumonia and Influenza (P&I) Mortality Surveillance- WEB PAGE: https://www.cdc.gov/flu/weekly/#S2 DATA LINK: https://www.cdc.gov/flu/weekly/weeklyarchives2019-2020/data/NCHSData14.csv					
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