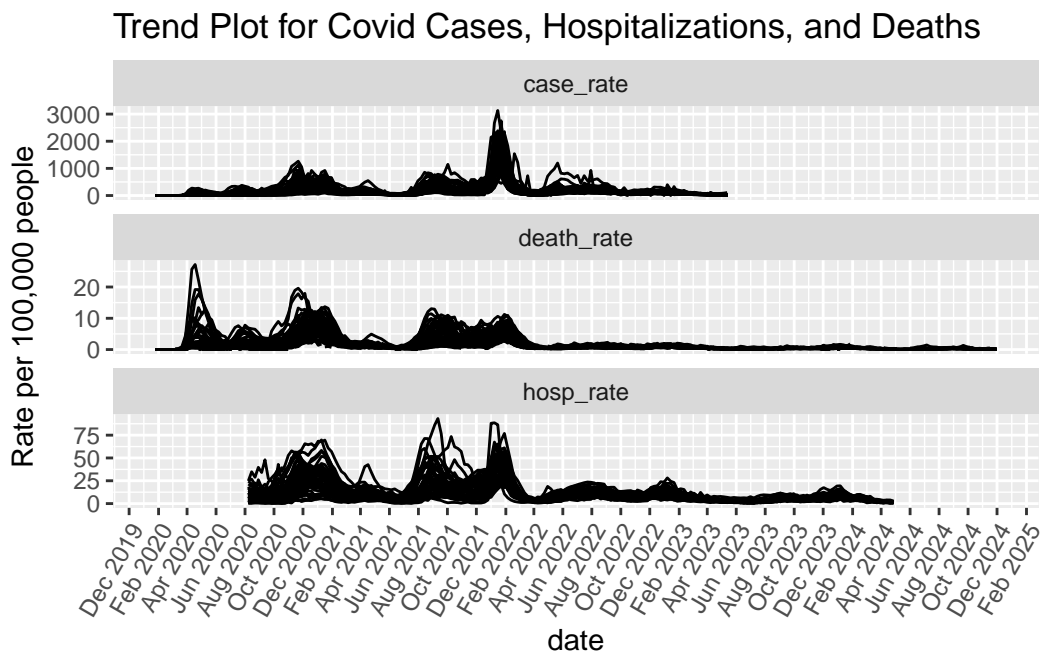
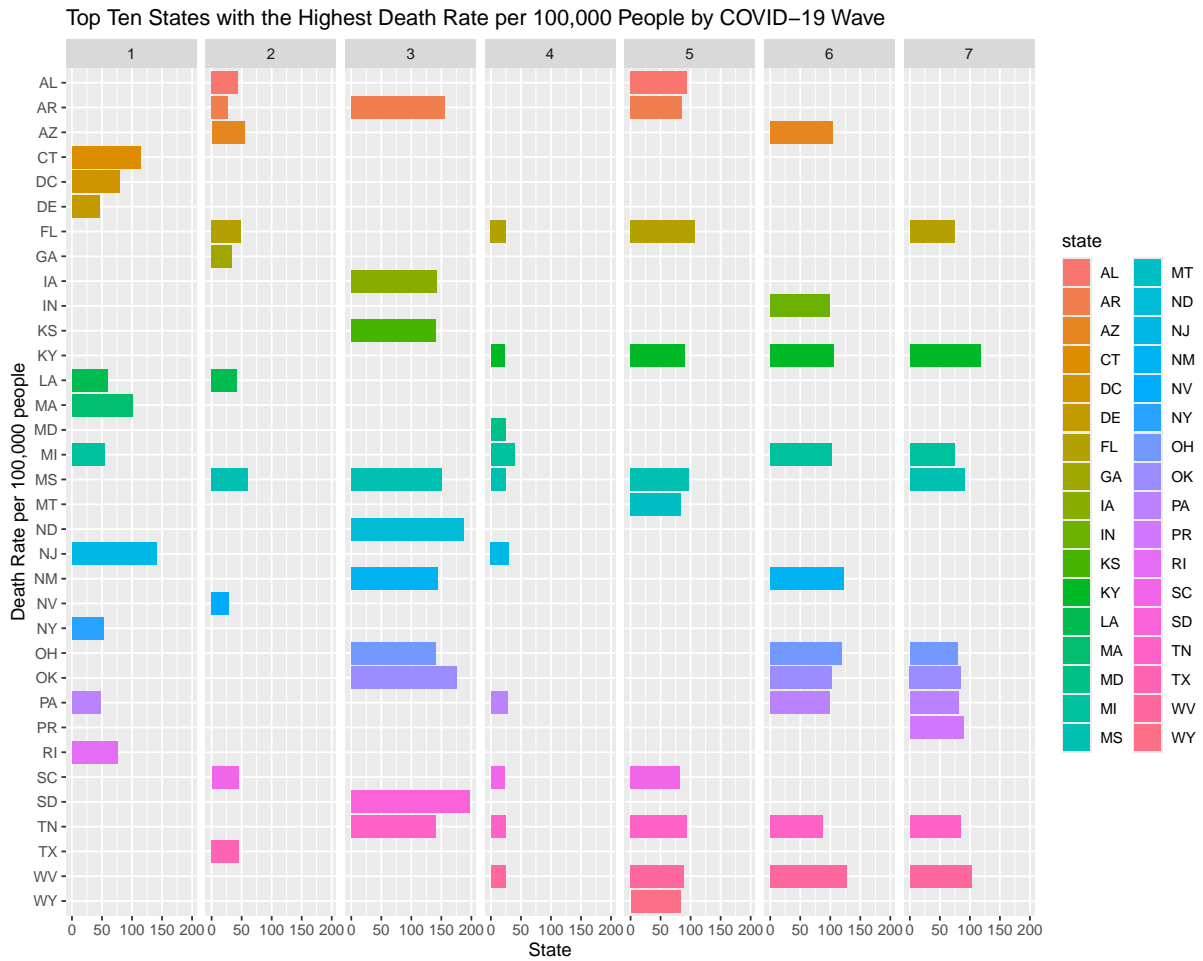


Supplementary Methods

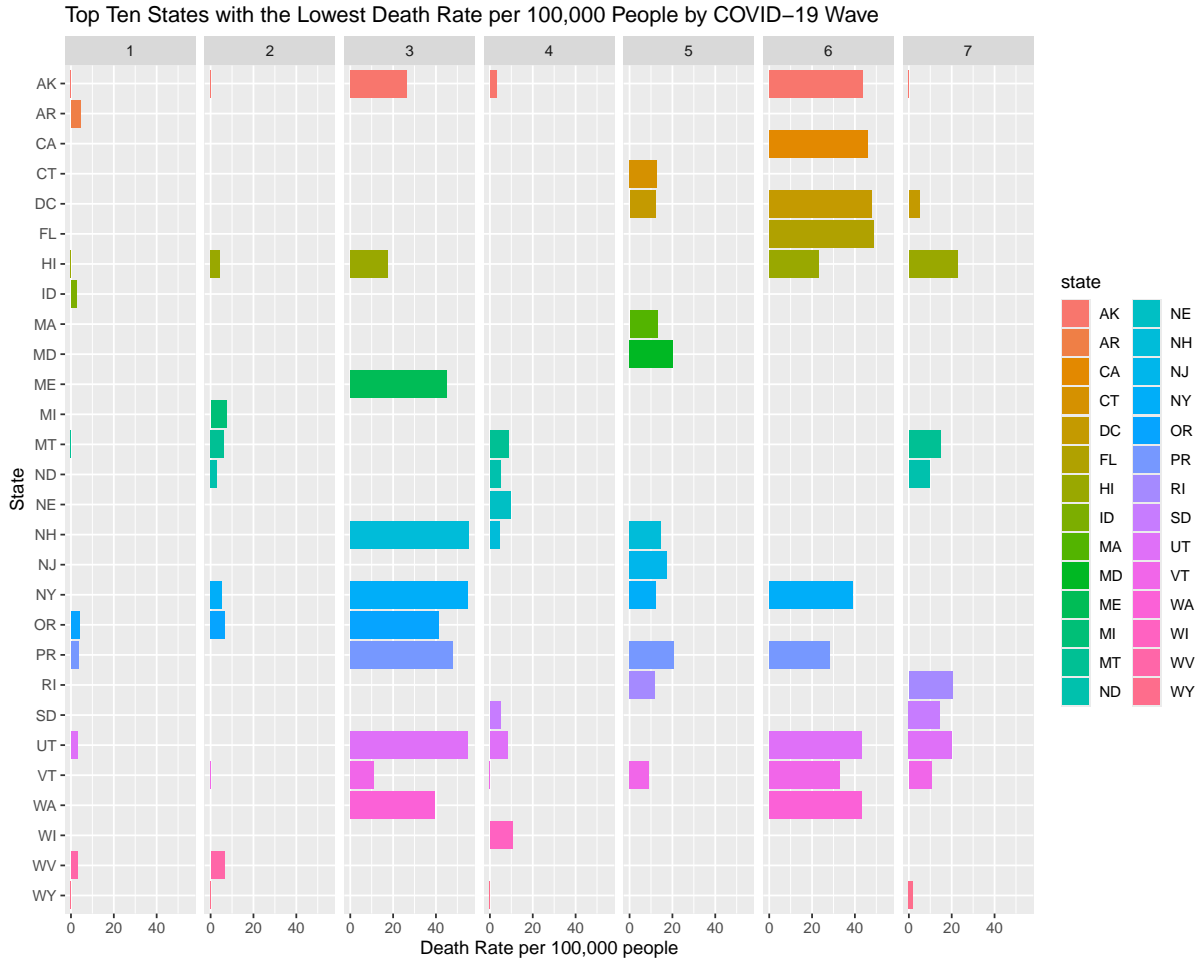
Waves Plot – We used this visualization to choose the waves we wanted to analyze.



Top 10 Highest Death Rates Plot



Top 10 Lowest Death Rates Plot



Top Ten Highest Excess Mortality Rates Table

Table 1: Top Ten States with Highest Excess Mortality Rates

rank	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7
1	NJ	AZ	MS	WV	WV	WV	PR
2	CT	MS	SD	NM	MS	NM	AK
3	DC	SC	AR	LA	AK	AZ	WV
4	MA	LA	OK	DC	FL	OH	NM
5	LA	FL	WV	MS	WY	KY	AZ
6	MI	TX	NM	AZ	LA	MS	OR

rank	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7
7	RI	AL	AZ	MI	TN	MI	WY
8	MD	GA	TN	KY	AR	OK	ME
9	IL	NV	AL	SC	MT	TN	MS
10	DE	NM	MO	PR	AL	AR	AR

Top Ten Lowest Excess Mortality Rates Table

Table 2: Top Ten States with Lowest Excess Mortality Rates

rank	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7
1	ID	VT	HI	VT	MA	NY	NJ
2	MT	MA	VT	MA	RI	HI	RI
3	UT	NJ	WA	IA	NJ	UT	PA
4	AK	NY	MA	RI	NY	MA	MA
5	HI	RI	NY	NE	CT	NJ	SD
6	NE	CT	UT	SD	MD	WA	ND
7	SD	ND	OR	WI	PA	VT	NY
8	VT	PA	ME	NH	NH	RI	MD
9	OR	ME	NH	ND	NE	PR	NE
10	WA	NE	NJ	CT	MN	ID	CT