

COVID-19
Coronavirus
Update

July 20th, 2020

Fire Chief Brian Chellios
University Park Fire Department

Global Perspective:

The United States continues to lead the world in total COVID-19 cases, total COVID-19 related deaths, and total COVID-19 active cases. The bigger hotspots around the world include the Nations of South Africa and Mexico in terms of total overall cases.

There are points in the data that show the US falling among the Top 15 in certain categories. This is not so much a cause for celebration, but rather an indication that conditions are more than likely becoming worse in other countries as time passes.

National Perspective:

Here in Illinois, we are not adding as many new cases a day as other States. As a country, conditions are extremely critical in many of the Southern States. This may have an impact on where PPE and testing supplies get sent as priority. Arizona and Georgia are two states being watched closely.

Illinois no longer ranks in the Top 15 States in terms of Active Cases and Cases Per 1 Million Population. Again, this is not cause for letting our guard down. This only suggests that other States are having a more difficult time containing the spread of the virus.

Data Tables:

The following pages contain several tables that display comparative data to illustrate how the United States, State of Illinois, Will County, and the Village stand relative to their counterparts.

Global: Top 15 Nations in COVID-19 Total Cases

United States	3,899,358	Peru	353,590	Iran	276,202
Brazil	2,099,896	Mexico	344,224	Pakistan	265,083
India	1,119,412	Chile	330,930	Saudi Arabia	253,349
Russia	777,486	Spain	307,355	Italy	244,434
South Africa	364,328	United Kingdom	294,792	Turkey	219,641

Global: Top 15 Nations in COVID-19 Related Deaths

United States	143,310	France	30,152	Russia	12,427
Brazil	79,533	Spain	28,420	Belgium	9,800
United Kingdom	45,300	India	27,514	Germany	9,163
Mexico	39,184	Iran	14,405	Canada	8,852
Italy	35,045	Peru	13,187	Chile	8,503

Global: Top 15 Nations in COVID-19 Active Cases

United States	1,953,509	Colombia	98,749	France	65,289
Brazil	649,134	Peru	98,448	Egypt	55,093
India	391,251	Bangladesh	91,229	Pakistan	53,555
Russia	211,457	Mexico	87,617	Saudi Arabia	47,567
South Africa	168,236	Argentina	70,390	Philippines	43,991

Global: Top 15 Nations in COVID-19 Tests Performed

China	90,410,000	Germany	6,884,614	Turkey	4,273,377
United States	48,345,508	Italy	6,238,049	Australia	3,527,011
Russia	25,251,614	Spain	6,026,446	Canada	3,520,542
India	14,047,908	Brazil	4,911,063	Saudi Arabia	2,728,424
United Kingdom	13,293,523	U.A.E.	4,536,152	France	2,618,722

Global: Top 15 Nations in COVID-19 Cases Per 1 Million Population

Qatar	38,121	Vatican City	14,981	United States	11,777
French Guiana	22,257	Kuwait	13,984	Andorra	11,388
Bahrain	21,378	Oman	13,380	Peru	10,717
San Marino	20,598	Panama	12,383	Mayotte	10,187
Chile	17,304	Armenia	11,804	Brazil	9,876

Global: Top 15 Nations in COVID-19 Deaths Per 1 Million Population

San Marino	1,238	Italy	580	Peru	400
Belgium	845	Sweden	556	Brazil	374
Andorra	673	France	462	Netherlands	358
United Kingdom	667	Chile	445	Ireland	355
Spain	608	United States	433	Sint Maarten	350

United States: Top 15 States in COVID-19 Total Cases

New York	434,164	Illinois	161,575	North Carolina	99,816
California	391,084	Arizona	143,624	Louisiana	91,706
Florida	350,047	Georgia	143,123	Michigan	81,868
Texas	339,210	Massachusetts	113,534	Maryland	78,131
New Jersey	182,983	Pennsylvania	105,384	Tennessee	78,115

United States: Top 15 States in COVID-19 Related Deaths

New York	32,570	Pennsylvania	7,084	Louisiana	3,545
New Jersey	15,781	Michigan	6,366	Maryland	3,377
Massachusetts	8,431	Florida	4,985	Ohio	3,178
California	7,713	Connecticut	4,396	Georgia	3,173
Illinois	7,295	Texas	4,063	Indiana	2,822

United States: Top 15 States in COVID-19 Active Cases

Florida	307,133	Georgia	116,879	Alabama	35,988
California	278,631	Maryland	69,410	Louisiana	34,873
New York	163,129	Virginia	65,386	Tennessee	32,953
Texas	162,211	New Jersey	61,862	Washington	31,715
Arizona	122,714	South Carolina	43,926	North Carolina	31,205

United States: Top 15 States in COVID-19 Tests Performed

California	6,286,852	New Jersey	1,791,137	Ohio	1,158,737
New York	5,115,470	Michigan	1,702,773	Massachusetts	1,120,048
Texas	3,207,857	Georgia	1,455,776	Louisiana	1,069,304
Florida	3,002,641	North Carolina	1,394,864	Pennsylvania	1,028,873
Illinois	2,244,511	Tennessee	1,196,543	Virginia	998,292

United States: Top 15 States in COVID-19 Cases Per 1 Million Population

New York	22,318	Massachusetts	16,472	Alabama	13,667
New Jersey	20,601	Florida	16,298	South Carolina	13,593
Arizona	19,732	Wash DC	15,956	Georgia	13,480
Louisiana	19,727	Mississippi	14,327	Connecticut	13,433
Rhode Island	16,796	Delaware	13,833	Maryland	12,923

United States: Top 15 States in COVID-19 Deaths Per 1 Million Population

New Jersey	1,777	Wash DC	819	Pennsylvania	553
New York	1,674	Louisiana	763	Delaware	537
Connecticut	1,233	Michigan	637	Mississippi	455
Massachusetts	1,223	Illinois	591	Indiana	419
Rhode Island	935	Maryland	559	Arizona	379

Coronavirus (COVID-19)

State of Illinois Data Comparisons

State of Illinois: Top 15 Counties in COVID-19 Total Cases

Chicago	56,963	Will	7,652	Madison	1,478
Cook	41,707	Winnebago	3,342	Rock Island	1,344
Lake	10,818	St. Clair	2,722	Champaign	1,209
DuPage	10,196	McHenry	2,463	Kendall	1,125
Kane	8,361	Kankakee	1,504	Peoria	824

State of Illinois: Top 15 Counties in COVID-19 Related Deaths

Chicago	2,728	Kane	289	Kankakee	66
Cook	2,048	St. Clair	150	Sangamon	33
DuPage	497	Winnebago	108	Peoria	31
Lake	433	McHenry	107	Rock Island	30
Will	333	Madison	71	DeKalb	23

State of Illinois: Top 15 Counties in COVID-19 Tests Performed

Chicago	557,268	Kane	78,716	St. Clair	31,444
Cook	461,082	Champaign	50,853	Peoria	30,682
DuPage	141,793	Winnebago	43,163	Madison	28,123
Lake	116,325	Sangamon	42,653	Rock Island	27,554
Will	98,566	McHenry	32,825	Kankakee	23,270

Coronavirus (COVID-19)

Will County Data Comparisons

Will County: COVID-19 Total Cases by Municipality

Joliet	2,231	Crete	205	Minooka	68
Bolingbrook	1,161	New Lenox	195	Beecher	63
Plainfield	878	Mokena	190	Manhattan	60
Romeoville	617	Homer Glen	186	Channahon	59
Lockport	265	University Park	144	Wilmington	43
Crest Hill	262	Shorewood	139	Peotone	41
Naperville	257	Monee	92	Braidwood	27
Frankfort	223	Aurora	90	Elwood	16

Will County: COVID-19 Tests Performed by Municipality

Joliet	22,733	Crest Hill	2,955	Monee	1,380
Plainfield	13,445	Crete	2,791	Channahon	1,322
Bolingbrook	13,273	Shorewood	2,569	Beecher	1,318
Romeoville	6,491	Mokena	2,404	University Park	1,126
Naperville	4,727	Homer Glen	2,151	Manhattan	904
Frankfort	3,511	Aurora	1,676	Braidwood	787
Lockport	3,347	Wilmington	1,633	Peotone	681
New Lenox	3,185	Minooka	1,405	Elwood	342

State of Illinois:

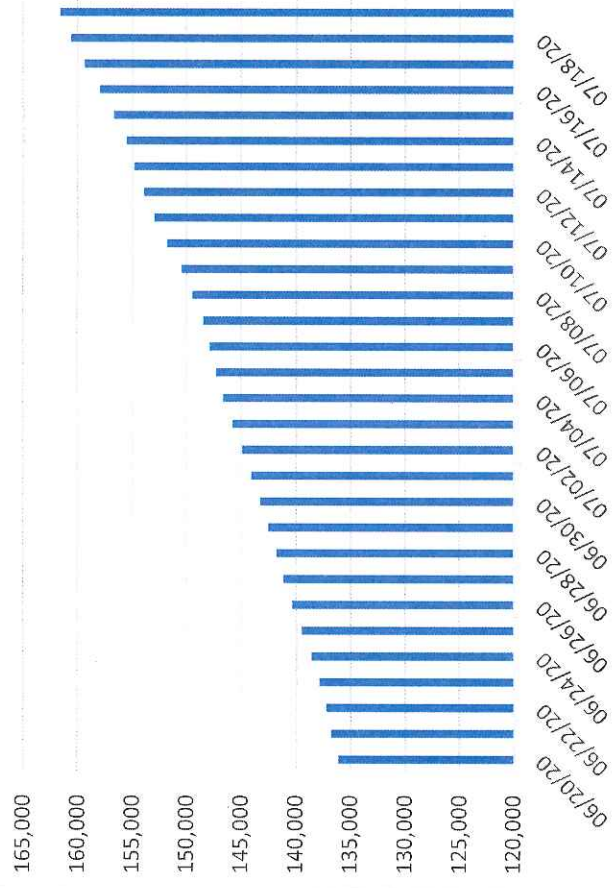
On July 17th, 2020, Illinois reported 1,394 new cases. We had not seen this high of a daily case load since back on June 2nd, 2020. On July 18th, 2020, the State also reported that over 46,000 tests were performed in a single day. High test counts typically produce higher numbers of positive cases.

May 12th, 2020 was our worst day to date. Illinois had 4,014 positive cases out of 29,266 tests for a positivity rate of 14%. On July 18th, 2020, Illinois had 1,266 positive cases out of 46,099 tests for a positivity rate of 3%. We want to get this positivity rate at or below 1% and keep it there.

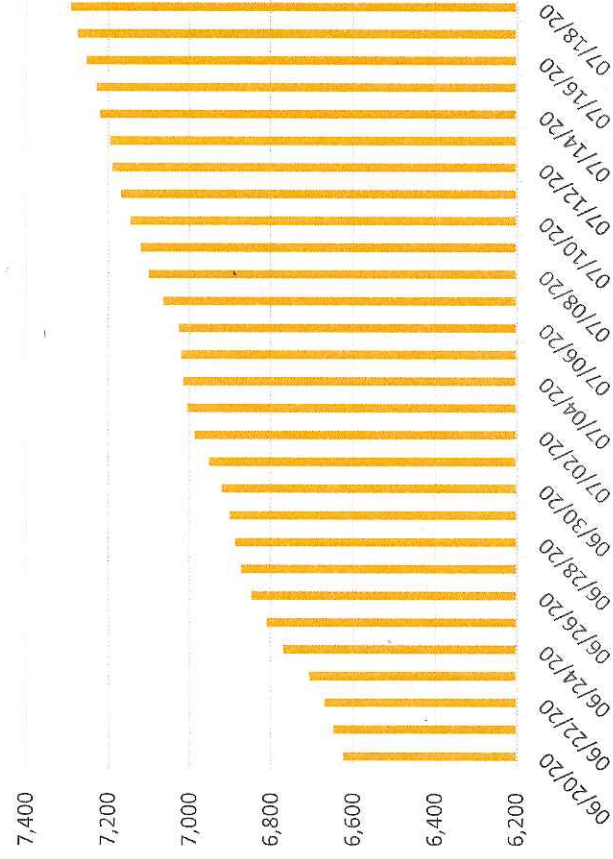
Data Tables:

The following pages contain data charts for Illinois. The smaller charts represent activity over the last 30 days. The larger charts display activity over the entire span of the pandemic event.

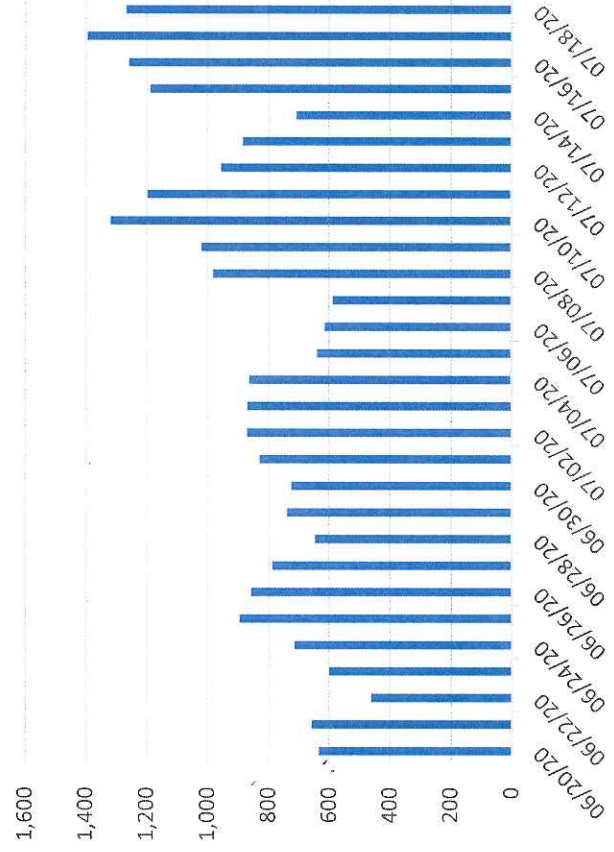
State of Illinois Total COVID-19 Cases



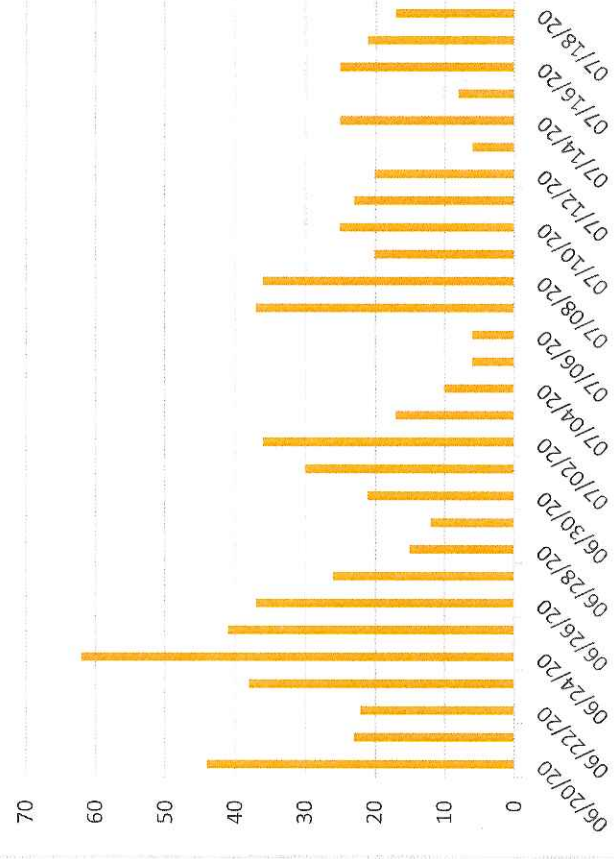
State of Illinois Total COVID-19 Deaths



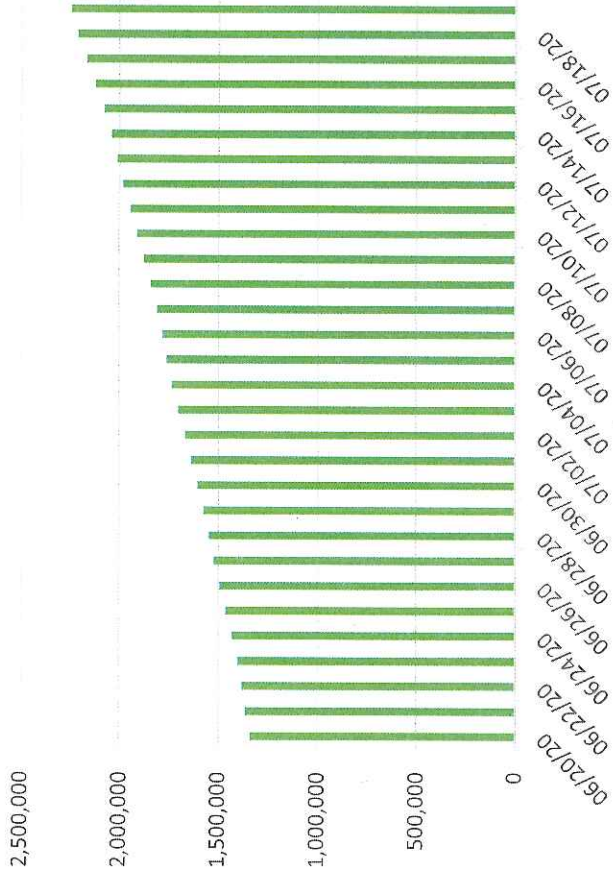
State of Illinois COVID-19 Cases Per Day



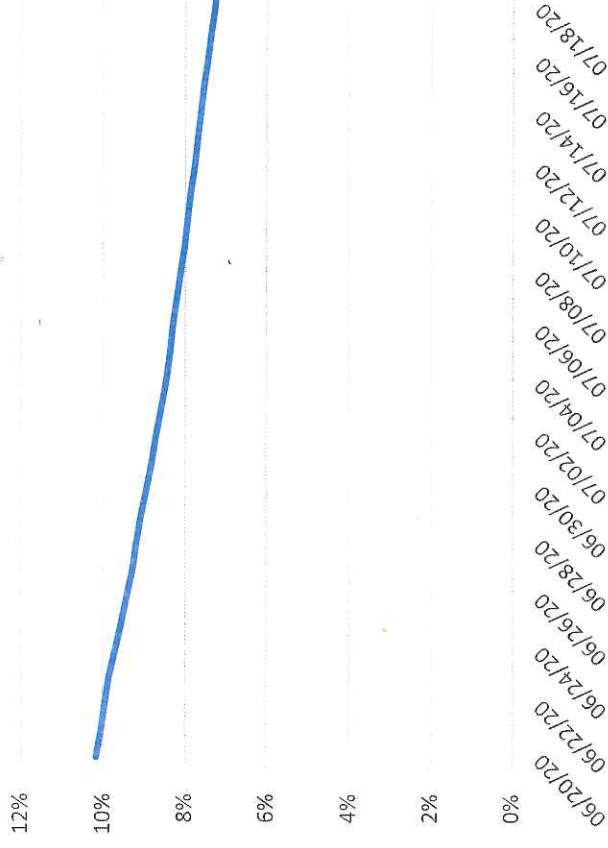
State of Illinois COVID-19 Deaths Per Day



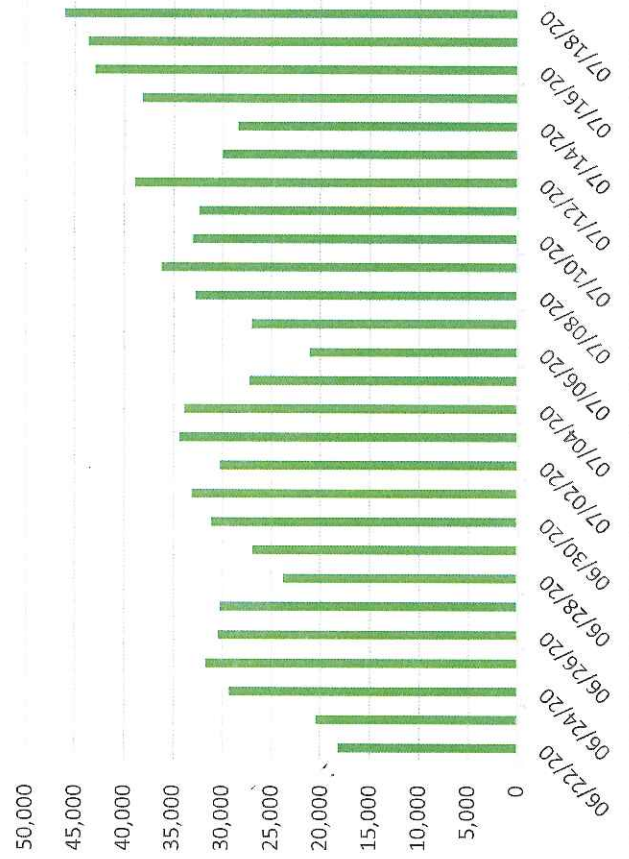
State of Illinois Total COVID-19 Tests



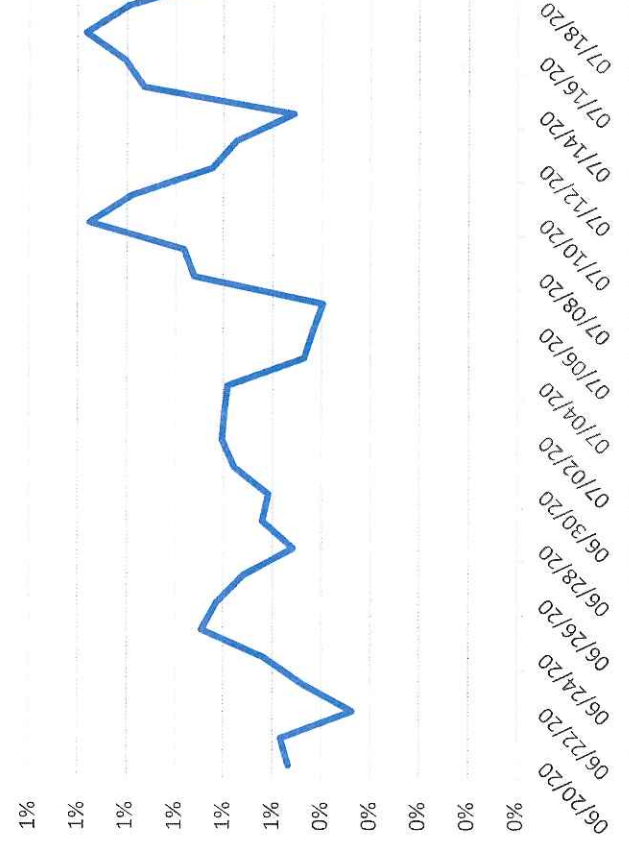
State of Illinois: COVID-19 Infection Rate



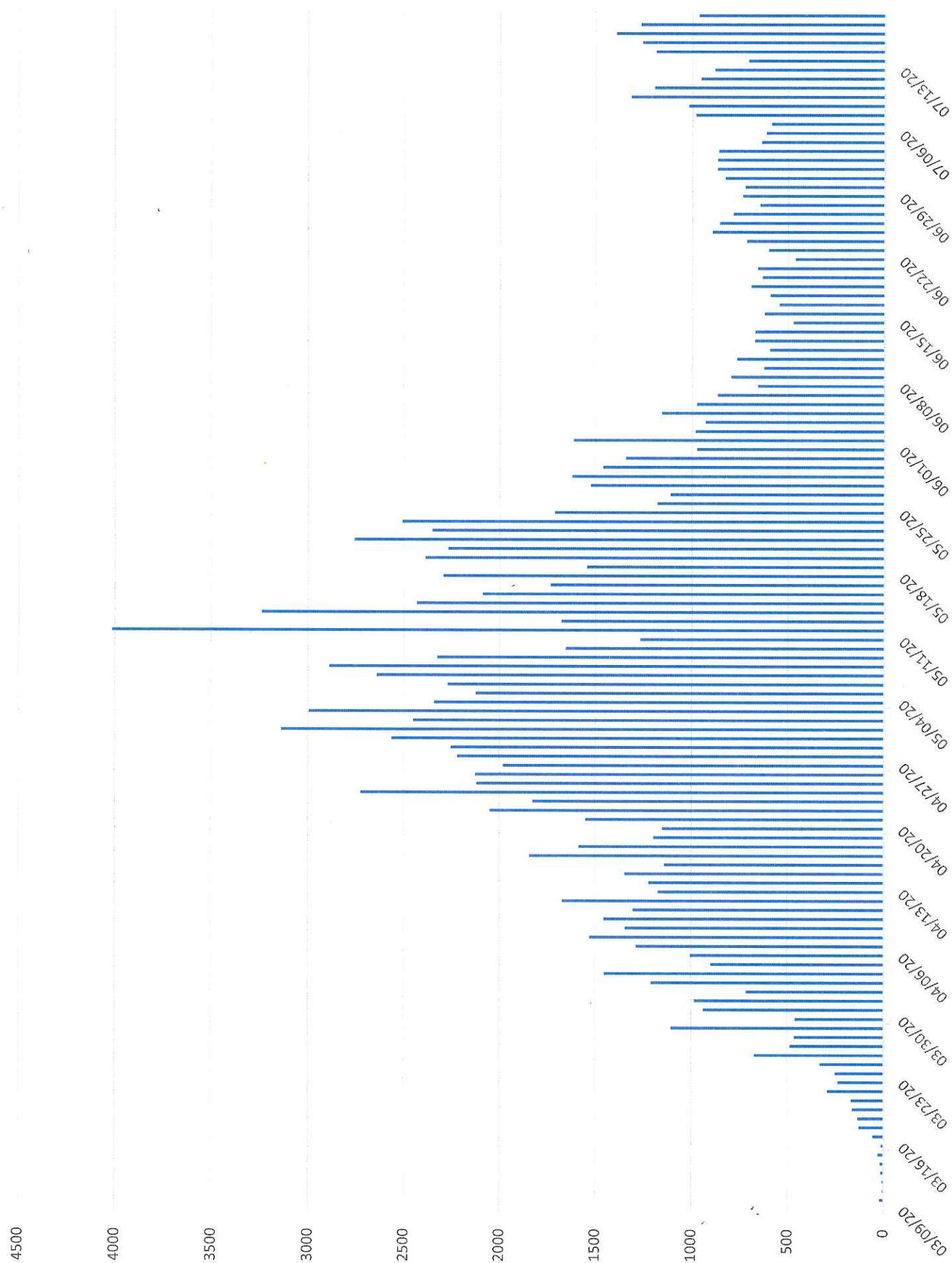
State of Illinois COVID-19 Tests Per Day



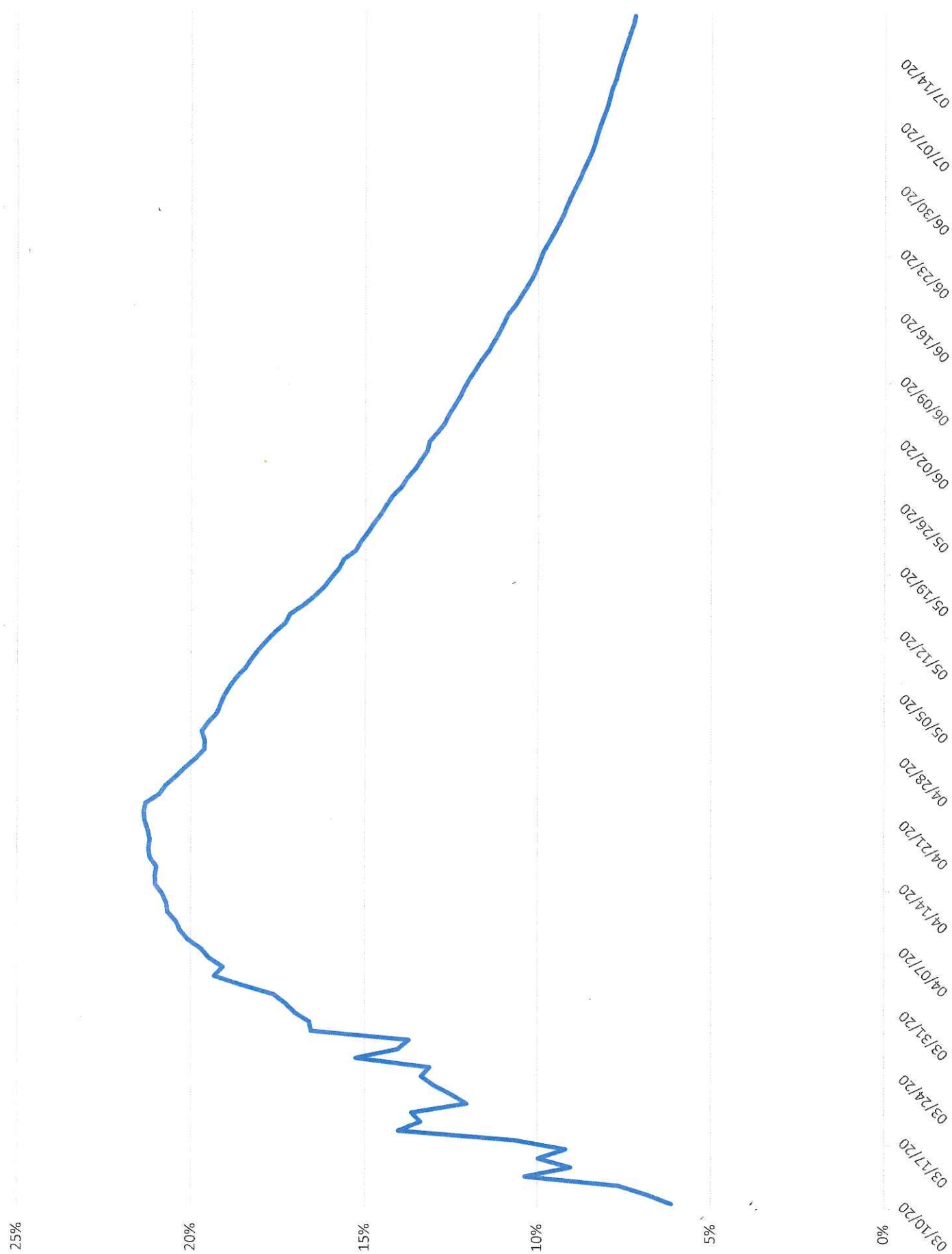
State of Illinois: COVID-19 New Case Rate



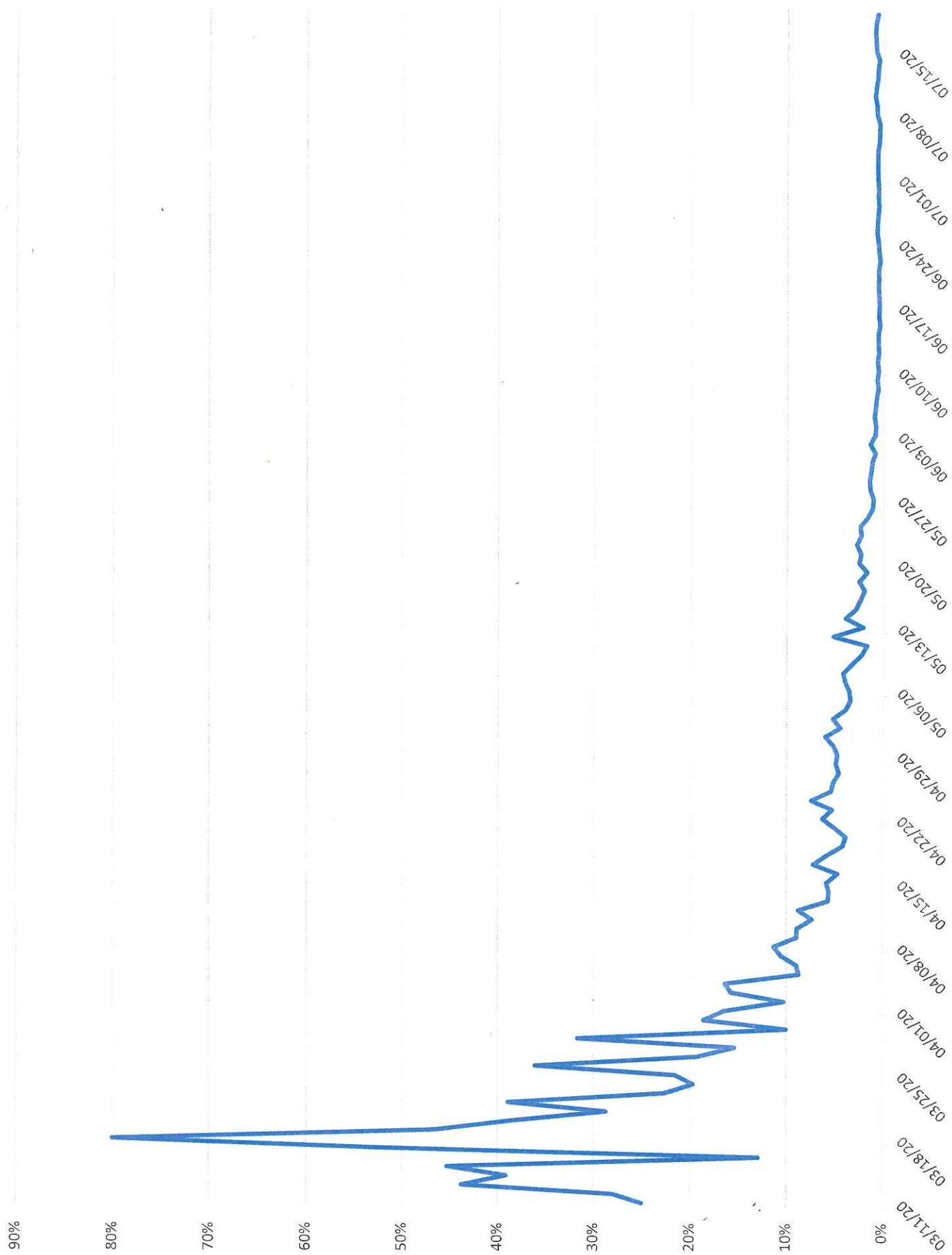
State of Illinois Cases Per Day (Total Span)



State of Illinois Infection Rate (Total Span)



State of Illinois New Case Rate (Total Span)



Will County:

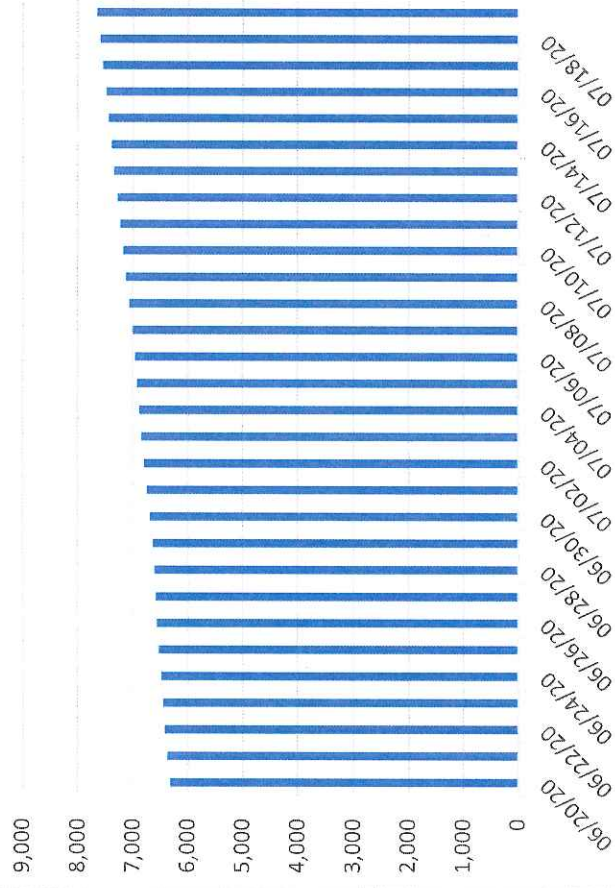
Case activity in Will County has been relatively static since the end of May 2020. New cases are still being added each day. As a reminder, this data represents only the known cases of COVID-19. We still need to see increased testing in many communities to gain a better perspective.

As of yesterday, there are 7,652 total cases in Will County. 98,566 tests have been conducted for an overall positivity rate of about 8%. The Village has 144 total cases against 1,126 total tests for an overall positivity rate of about 12%. We need more testing to determine where we are.

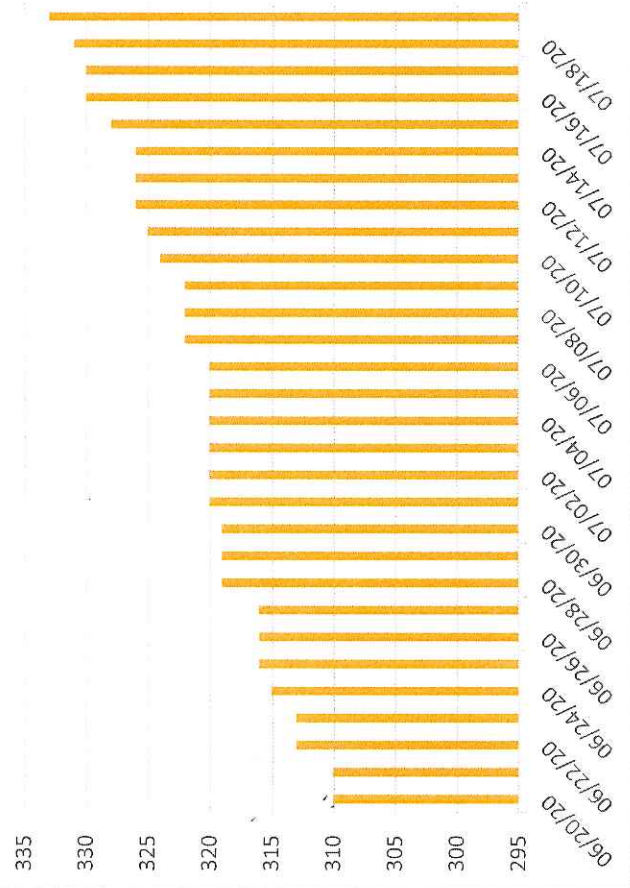
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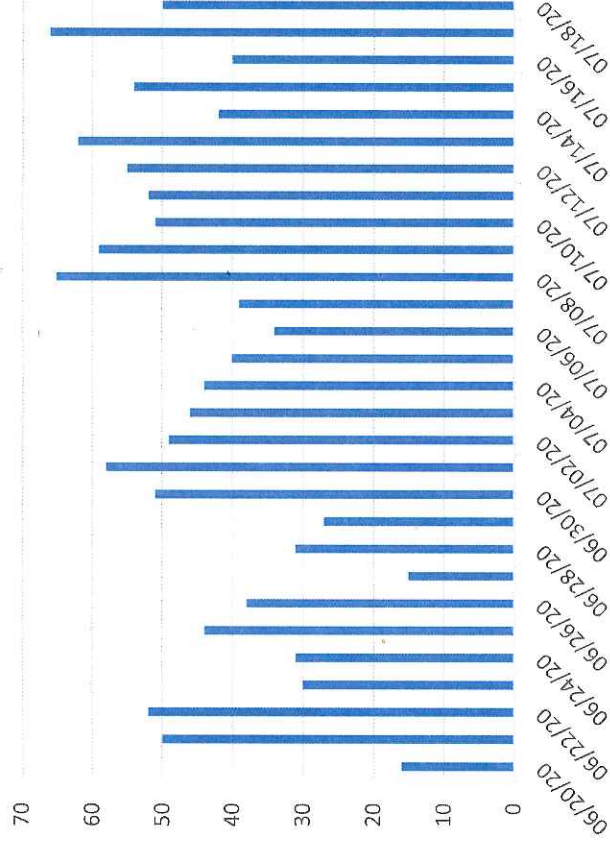
Will County Total COVID-19 Cases



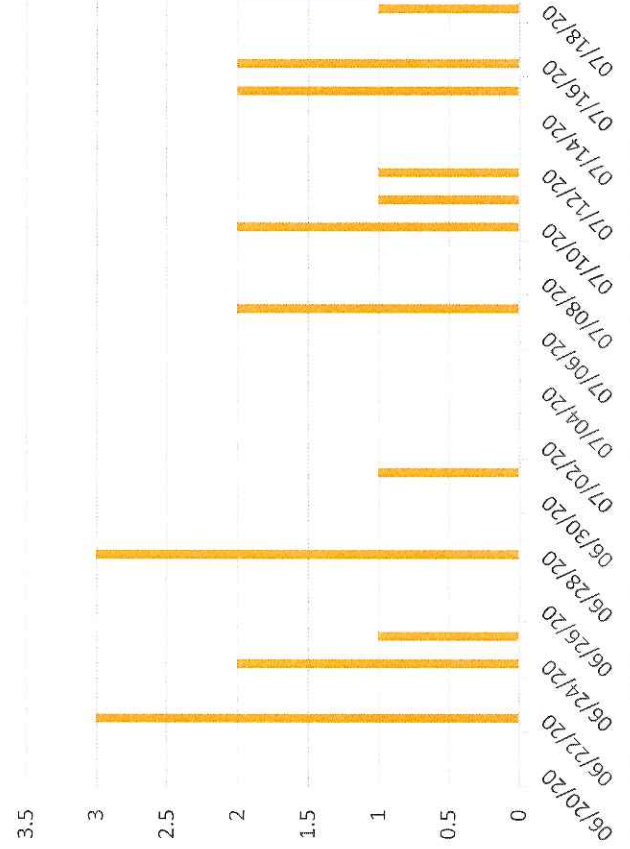
Will County Total COVID-19 Deaths



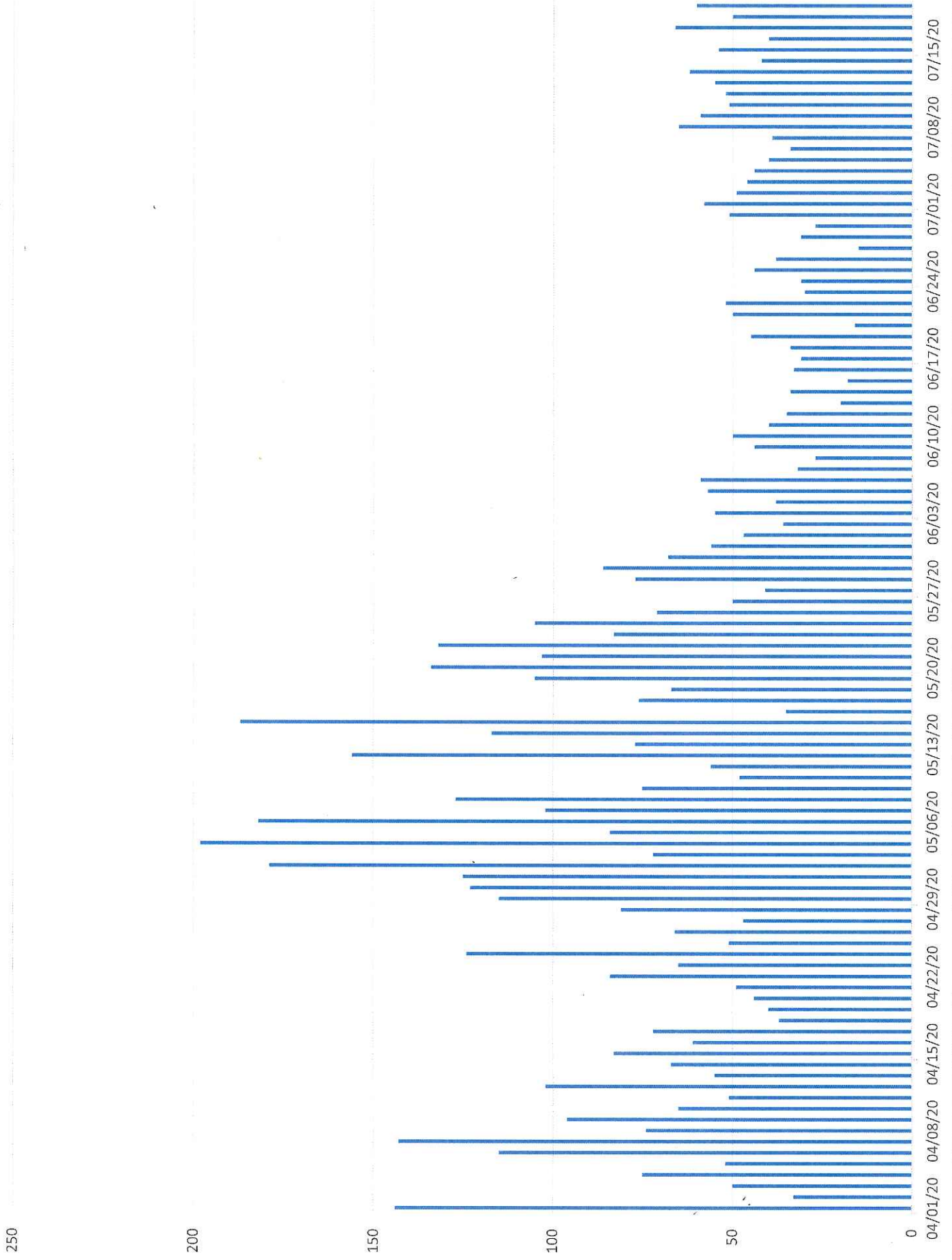
Will County COVID-19 Cases Per Day



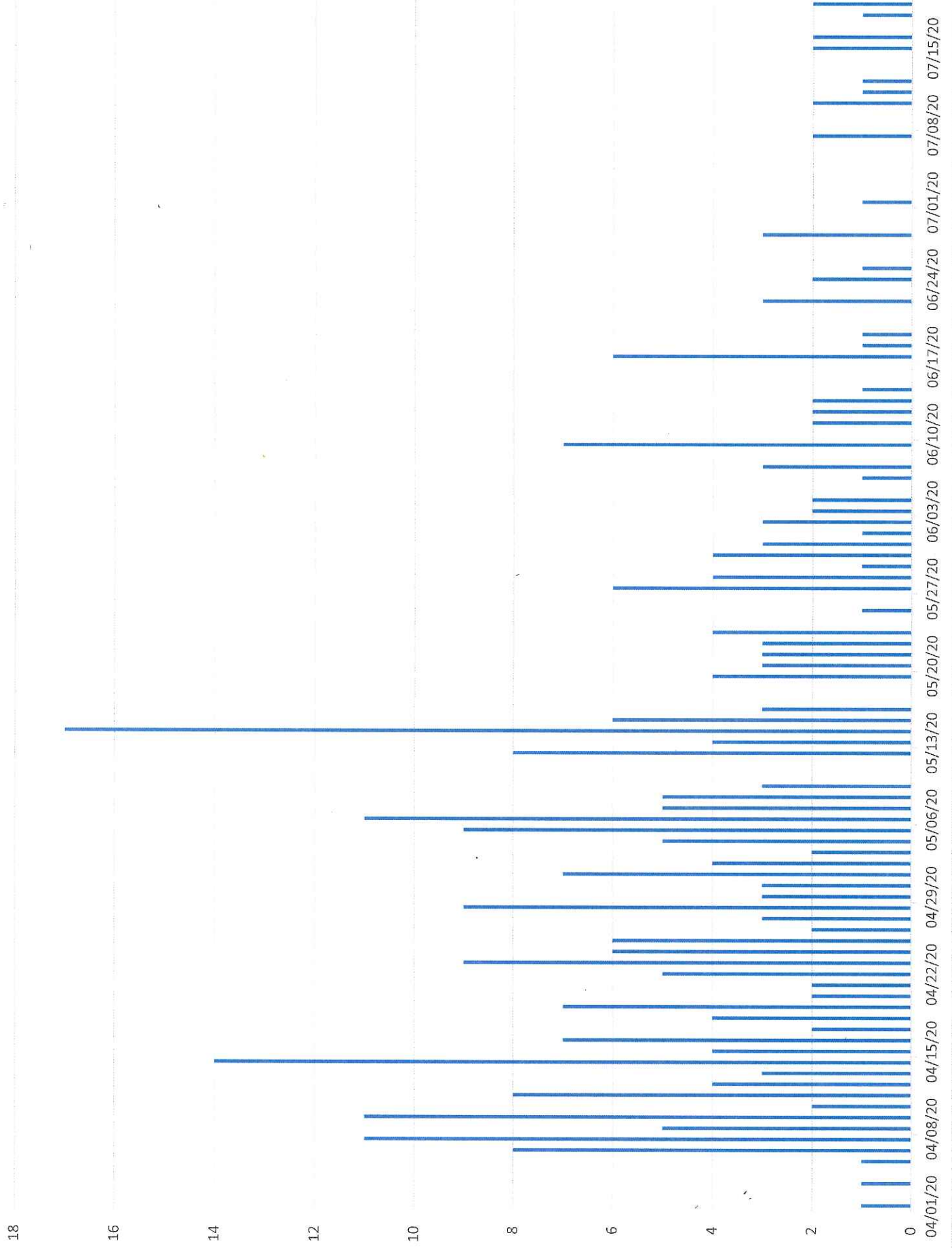
Will County COVID-19 Deaths Per Day



Will County Cases Per Day (Total Span)



Will County Deaths Per Day (Total Span)



Will County Case Rate (Total Span)

