

# COVID-19 Data Summary for the Southwestern Pennsylvania Region Periods covering September to October

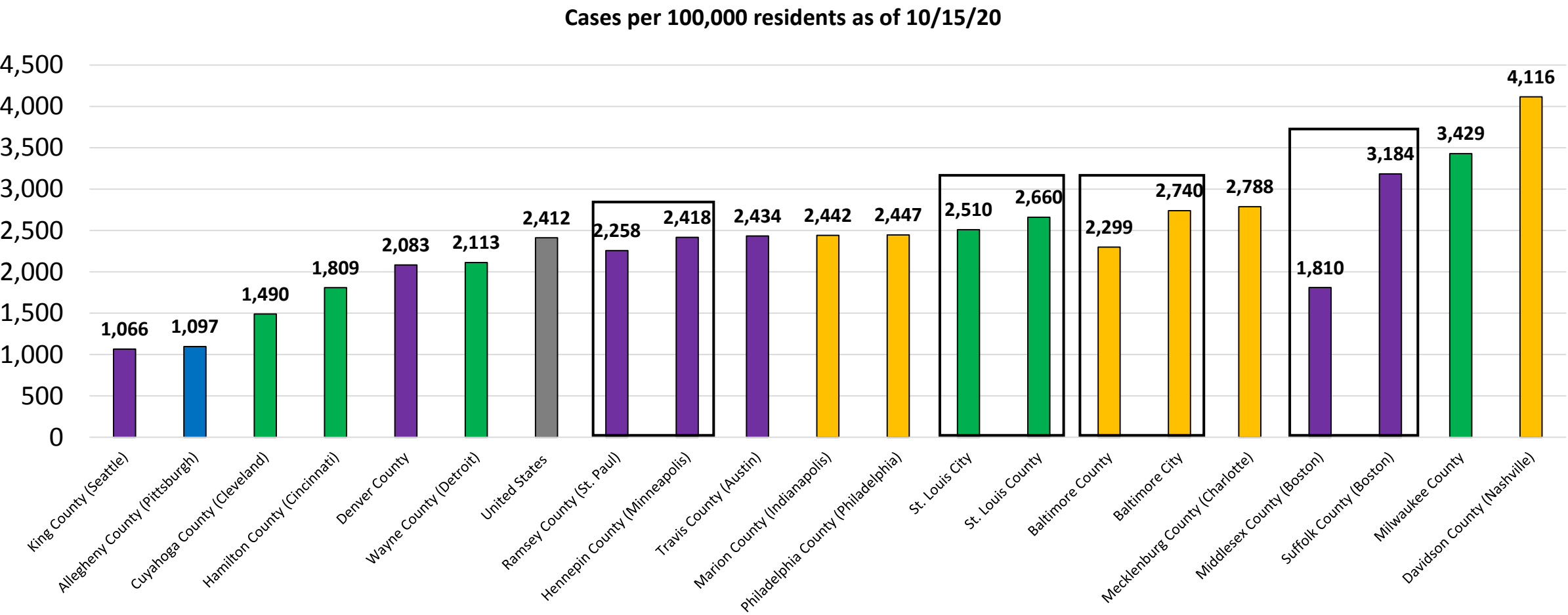
October 15, 2020



# Key Takeaways

- As of Thursday, October 15, Allegheny County's rate of COVID-19 cases per 100,000 residents remains less than half the national rate.
- From September to October, the increase in the number of cases per 100,000 in Allegheny County was less than the U.S. and compared favorably against benchmark regions.
- Regionally, the rate of new COVID-19 cases over a 14 day period (10/1 to 10/15) has increased 67.6%. Butler, Lawrence and Westmoreland have seen the largest increases.
- Daily new cases for the region have increased 123.4% from 10/1 to 10/15.
- In Allegheny County, hospitalizations have increased 7.5% between 10/1 and 10/15, which is an improvement from the 14-day hospitalization increase of 11.3% reported in the previous analysis released 9/17/20 analyzing the period between 9/2 and 9/16.

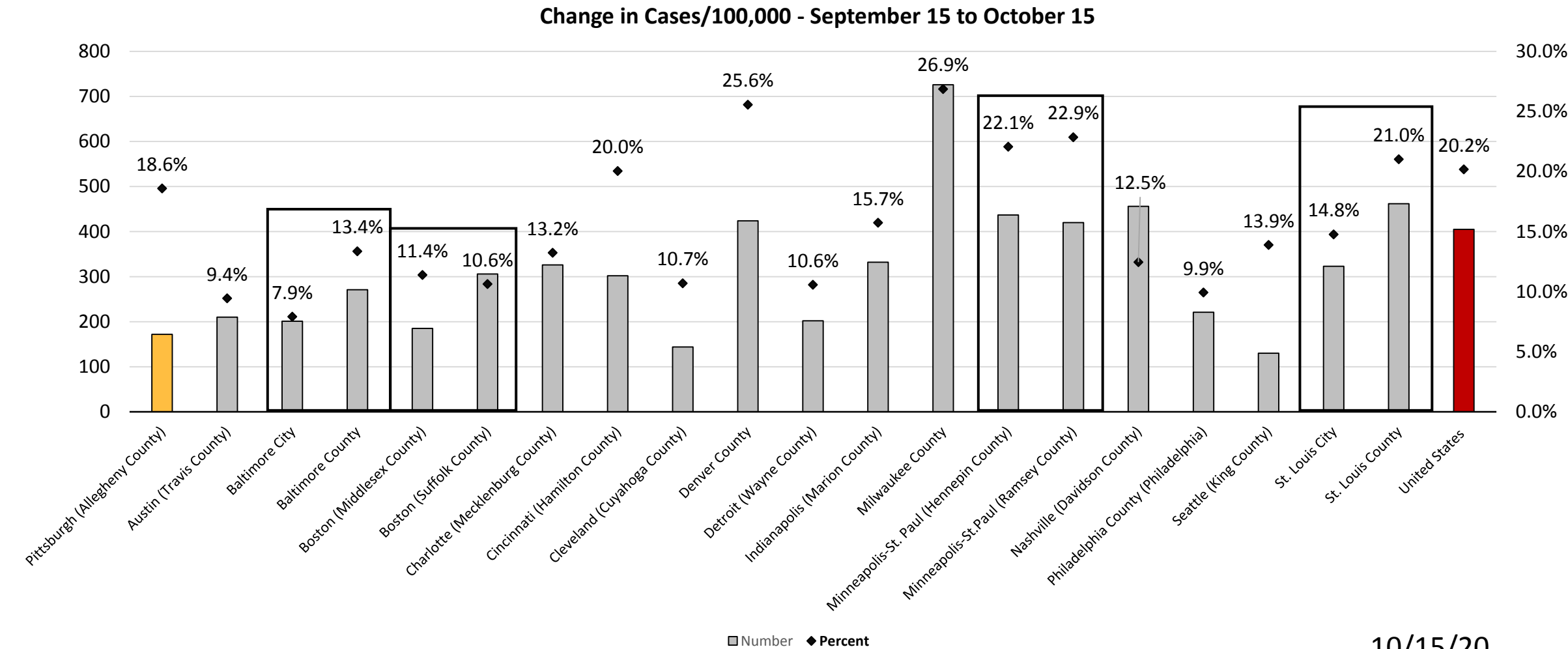
Allegheny County still compares favorably to its benchmark regions in terms of COVID-19 infection rates, although Seattle now ranks lower. However, Allegheny County's rate remains less than half the national rate.



Green=Peer Markets  
Orange=Competitive Markets  
Purple=Aspirational Markets

Source: Johns Hopkins Coronavirus Resource Center, data current as of October 15, 2020

On an absolute basis, the increase in the number of cases/100,000 in Allegheny County from September to October was less than the U.S. and compared favorably to the benchmark regions. However, the percentage increase in cases/100,000 was only slightly below the national average and below five benchmark regions.



10/15/20

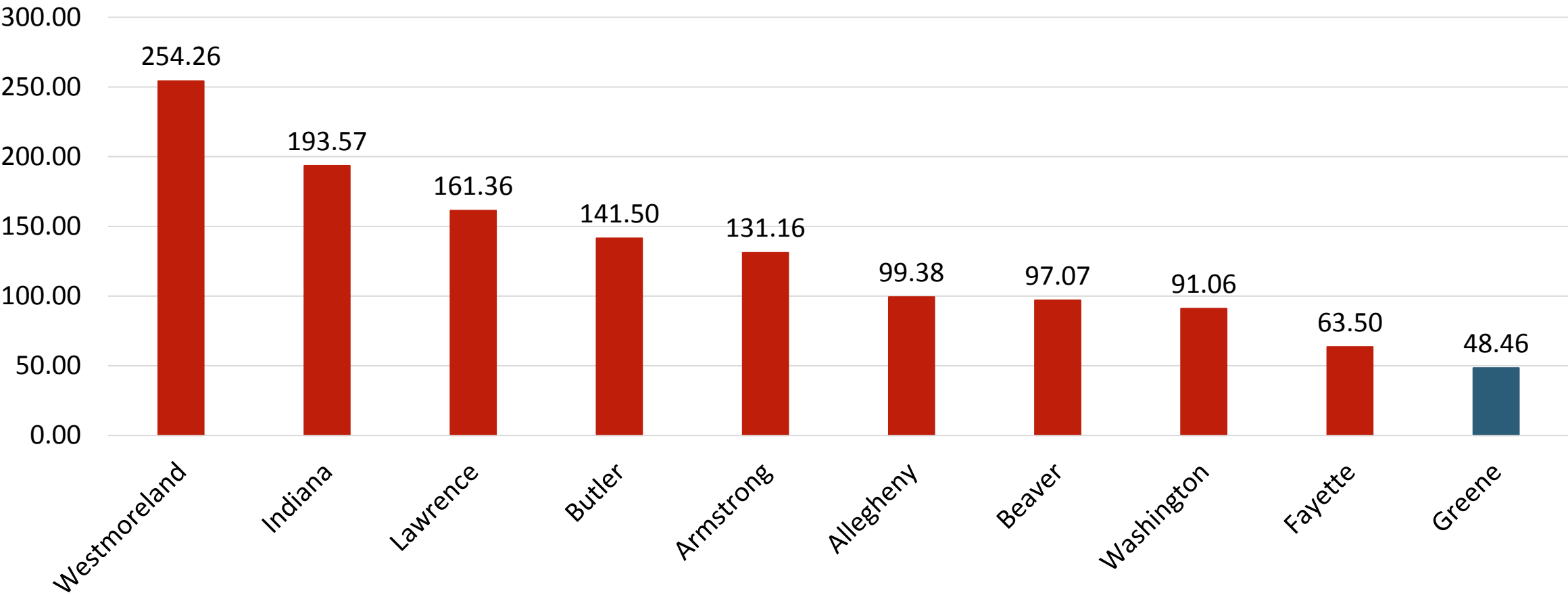
Source: Johns Hopkins Coronavirus Resource Center, data current as of October 15, 2020

All counties in the region with the exception of Greene County have increased new cases of COVID-19 per 100,000 in the fourteen day period between Oct 1 and Oct 15. The regional rate of COVID-19 per 100K exceeds the state (67.6% to 42.6%). However, within the region, seven of ten counties within the region are below the regional rate.

Fourteen Day Sum New Cases per 100K population by Geography by Date												
	PA	10-County	Allegheny	Armstrong	Beaver	Butler	Fayette	Greene	Indiana	Lawrence	Washington	Westmoreland
01-Oct	95.38	75.60	77.03	79.90	75.50	62.18	42.33	67.31	167.92	54.93	66.49	78.36
02-Oct	98.51	78.46	77.43	78.39	79.69	67.00	44.60	67.31	173.75	60.65	65.05	90.49
03-Oct	89.43	72.66	70.50	69.35	71.30	63.25	42.33	61.92	166.75	56.08	61.67	86.54
04-Oct	101.30	82.58	81.11	78.39	80.89	70.75	43.84	67.31	172.58	68.66	74.20	98.10
05-Oct	104.72	84.35	81.43	79.90	80.89	72.36	43.84	48.46	173.75	72.10	79.50	106.27
06-Oct	106.30	87.87	84.29	78.39	92.27	70.75	52.91	43.08	167.92	72.10	83.35	113.88
07-Oct	109.51	87.87	84.04	78.39	89.88	80.94	53.67	43.08	169.09	72.10	76.61	113.88
08-Oct	113.60	94.50	89.51	90.46	90.48	90.58	50.65	43.08	157.43	96.13	83.35	129.10
09-Oct	118.09	102.23	90.33	99.50	89.88	100.77	50.65	43.08	292.69	105.28	83.84	139.82
10-Oct	123.66	101.01	88.29	111.56	89.88	109.88	49.13	43.08	180.75	104.14	86.25	157.58
11-Oct	125.60	104.78	91.22	111.56	91.67	115.24	50.65	37.69	183.08	117.87	87.69	166.03
12-Oct	128.82	108.07	92.04	110.05	88.68	118.46	49.89	40.38	184.25	111.01	92.51	185.48
13-Oct	131.59	113.52	92.28	119.10	99.46	128.10	55.94	43.08	178.42	128.17	92.51	206.62
14-Oct	132.55	117.79	96.69	120.61	95.87	131.32	55.94	40.38	185.41	139.62	90.58	218.74
15-Oct	136.01	126.69	99.38	131.16	97.07	141.50	63.50	48.46	193.57	161.36	91.06	254.26
14 Day Change	+42.6%	+67.6%	+29.0%	+64.2%	+28.6%	+127.6%	+50.0%	-28.0%	+15.3%	+193.8%	+37.0%	+224.5%

Westmoreland has experienced a 224.5% increase in cases in the fourteen day period between 10/1 and 10/15. Though Indiana has increased cases, the rate of cases has not grown as much as Westmoreland, Lawrence (193.8%) or Butler (127.6%). Indiana has the smallest percentage increase in cases at 15.3%. Greene has decreased 28.0%.

Fourteen Day Sum New Cases per 100K population as of 10/15/20

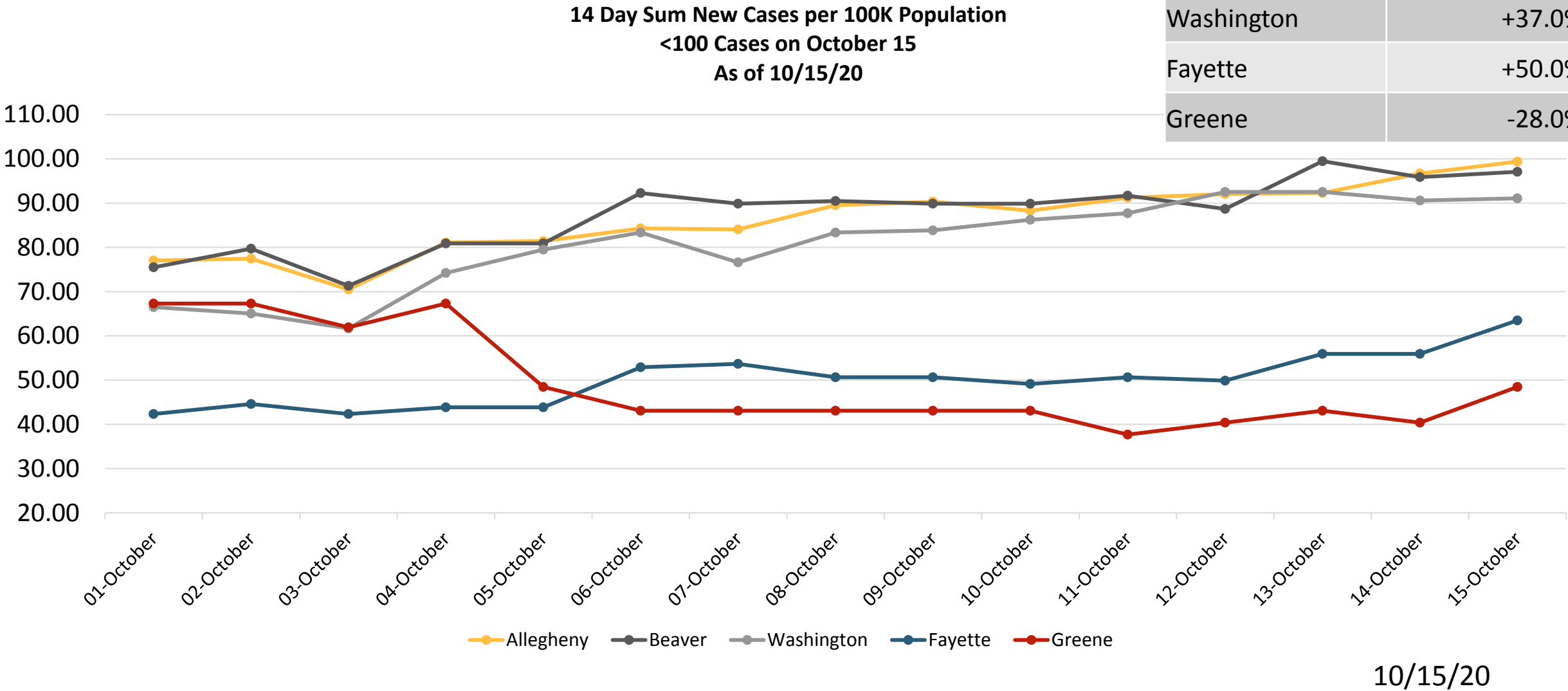


Red – 14-Day increase  
Blue – 14-Day decrease

Source: Pennsylvania Department of Health

Though Allegheny, Beaver, Washington, Fayette, and Greene counties each have below 100 cases per 100K as of 10/15, the number of new cases per 100K population has been increasing. The remaining five counties are all above 100 cases per 100K.

Change in Cases From October 1 (14 Days)	
Allegheny	+29.0%
Beaver	+28.6%
Washington	+37.0%
Fayette	+50.0%
Greene	-28.0%



Daily new cases have increased from 14 days prior, with the most dramatic change occurring in Westmoreland (+572.7%), Fayette (+333.3%), and Butler (+237.5%). Data was not shared on October 3, and October 4 includes two days of data.

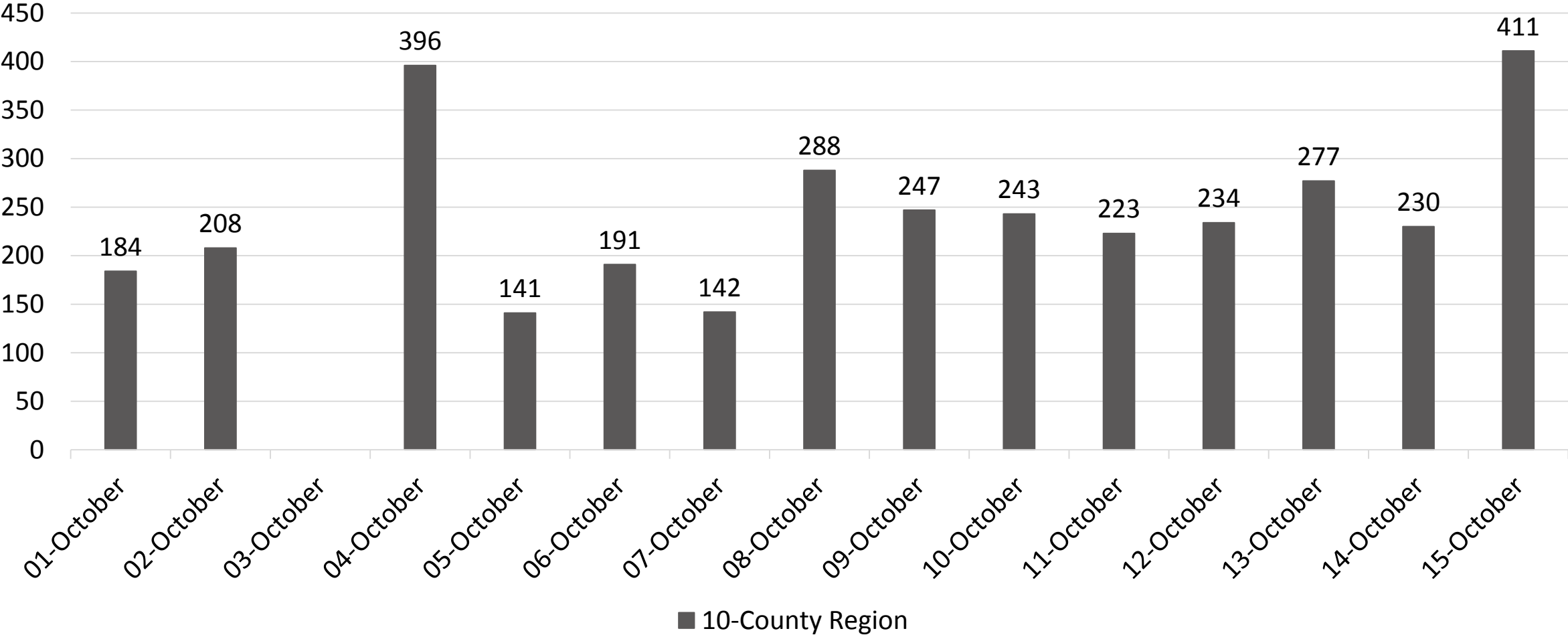
Daily New Cases Geography by Date												
	PA	10-County	Allegheny	Armstrong	Beaver	Butler	Fayette	Greene	Indiana	Lawrence	Washington	Westmoreland
01-Oct	1,156	184	106	4	16	8	3	0	3	9	13	22
02-Oct	1,161	208	73	4	13	19	7	1	14	8	15	54
03-Oct	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
04-Oct*	2,251	396	204	7	18	27	6	3	26	11	31	63
05-Oct	672	141	46	8	2	8	3	0	11	3	15	45
06-Oct	1,036	191	77	2	20	14	14	1	6	2	16	39
07-Oct	1,309	142	43	3	2	25	4	2	16	4	4	39
08-Oct	1,376	288	127	8	12	24	1	1	6	25	15	69
09-Oct	1,380	247	78	10	15	23	5	1	24	9	10	72
10-Oct	1,742	243	81	11	6	28	4	1	11	6	13	82
11-Oct	1,166	223	97	4	11	14	7	1	10	14	13	52
12-Oct	1,088	234	82	3	10	9	3	2	11	6	18	90
13-Oct	1,342	277	74	11	22	25	14	1	8	15	18	89
14-Oct	1,276	230	97	5	13	21	3	1	13	10	7	60
15-Oct	1,598	411	139	11	18	27	13	3	10	28	14	148
14 Day Change	+38.2%	+123.4%	+31.1%	+175.0%	+12.5%	+237.5%	+333.3%		+233.3%	+211.1%	+7.7%	+572.7%

Source: Pennsylvania Department of Health



For the region, daily new cases have increased 123.4% from October 1 to October 15.

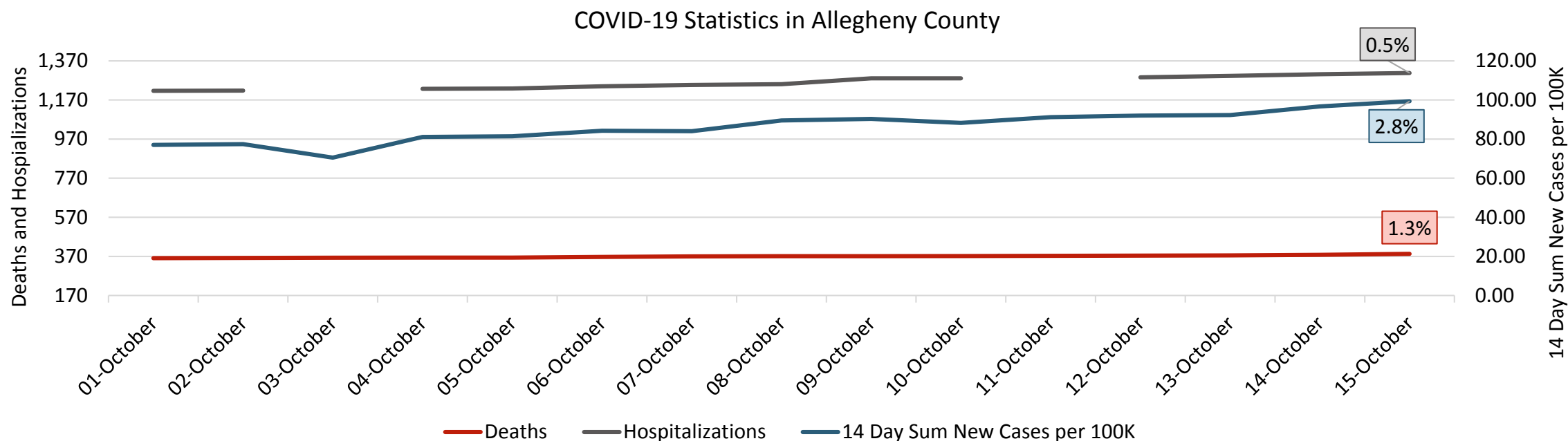
**New Cases by Day - 10-County Region**



10/15/20

In Allegheny County, new cases over the past 14 days per 100,000 increased from 96.69 on Wednesday, October 14 to 99.38 on Wednesday, October 15. The 14 day sum of new cases per 100K increased 2.8% between October 14 and October 15, part of a larger upward trend of 29.0% from October 1. The number of new cases has increased, as have hospitalizations, though hospitalizations is at a lower rate.

Allegheny County – Change in Deaths, Hospitalizations, and New Cases since October 1 (14 Days)					
County	Thursday, October 1	Wednesday, October 14	Thursday, October 15	1-Day Change	14-Day Change
Deaths	362	378	383	1.3%	6.1%
Hospitalizations	985	1,302	1,308	0.5%	7.5%
Fourteen Day Sum New Cases per 100K	77.43	96.69	99.38	2.8%	29.0%





Report produced by the Allegheny Conference on Community Development

Data sources include Allegheny County Health Department, Pennsylvania  
Department of Health and Johns Hopkins Coronavirus Resource Center

For more information, please contact Ellen Gaus at  
[egaus@alleghenyconference.org](mailto:egaus@alleghenyconference.org)