

Public Health COVID-19 update

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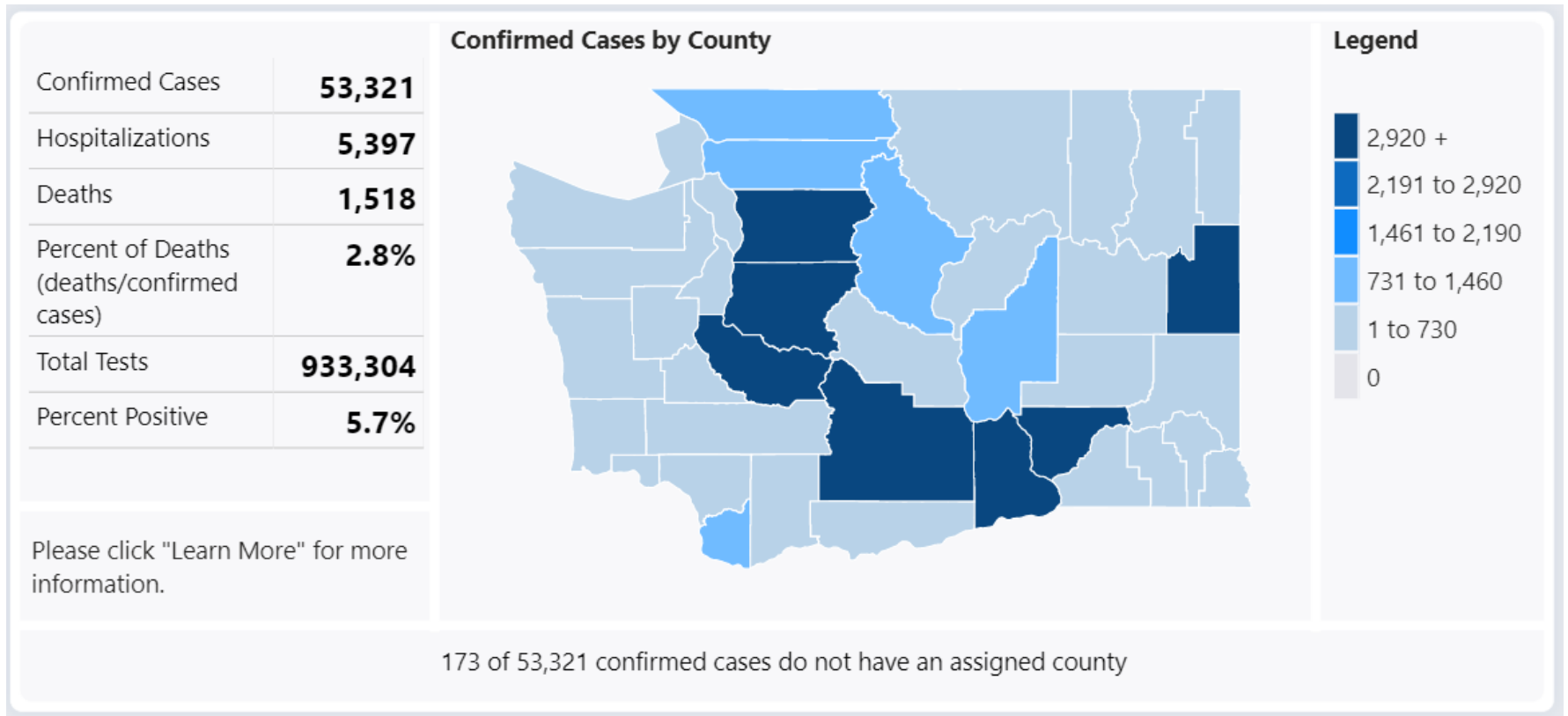
Board of Health

July 29, 2020



Washington state

as of July 28



Washington state

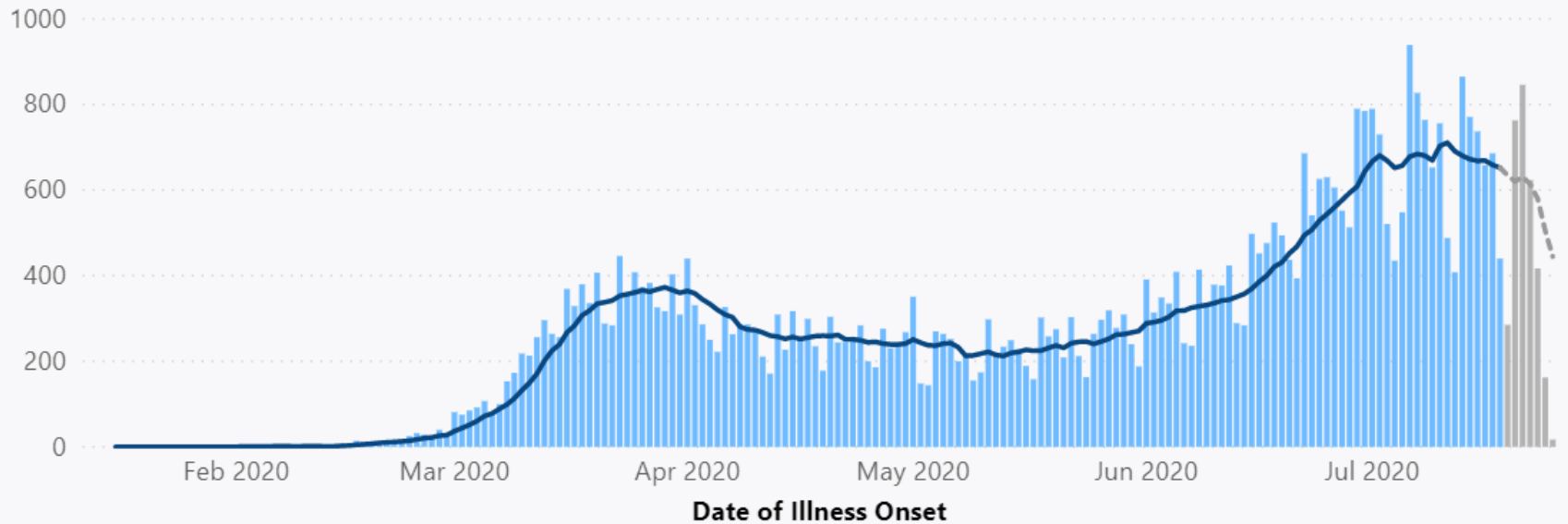
- Latest state situation report, issued July 24, shows R_e (reproductive number) remains above 1, but lower than recent weeks.
 - Western Washington estimate: 1.16
 - Eastern Washington estimate: 1.19
 - However, with R_e above 1, COVID-19 burden will continue to grow
- Rising cases in many counties; recent decrease or plateaus in King, Spokane, Clark, and Franklin counties.
 - Clark County has plateaued recently, but at a high number of new cases daily
 - Decrease and plateaus may be due to improved adherence to masking and distancing guidelines, but cannot rule out impact of testing delays
- Starting to see more cases in older adults and children.
- Deaths increasing in western Washington for first time since March; continue to increase in eastern Washington.



Washington State

Confirmed Case Counts

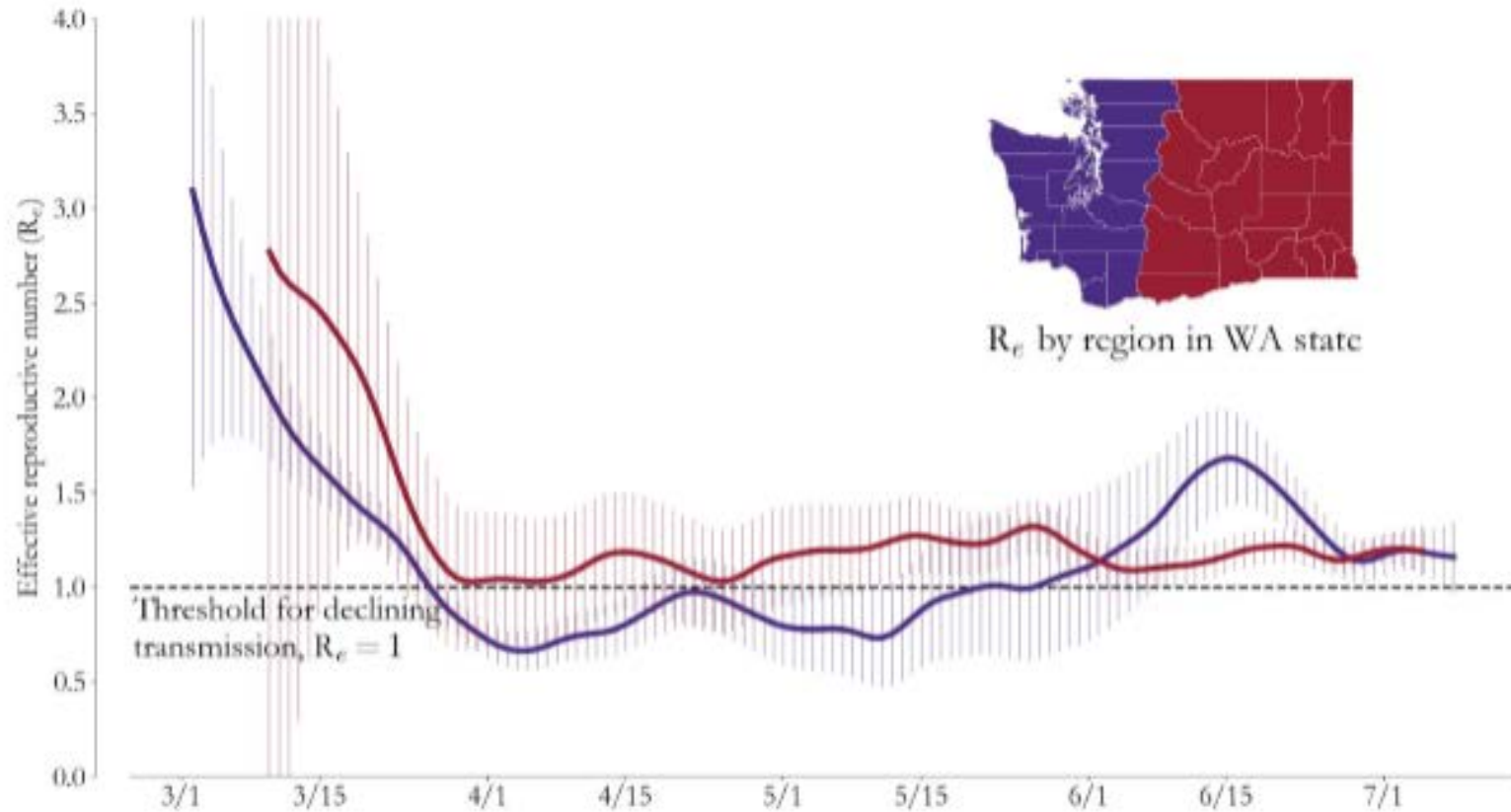
● Confirmed Cases ● Data incomplete for recent dates — Confirmed Cases (7 day rolling avg.) — Incomplete data (7 day rolling avg.)



170 of 52,635 confirmed cases do not have an assigned county. Illnesses from the last 4 to 7 days may not yet be reported.



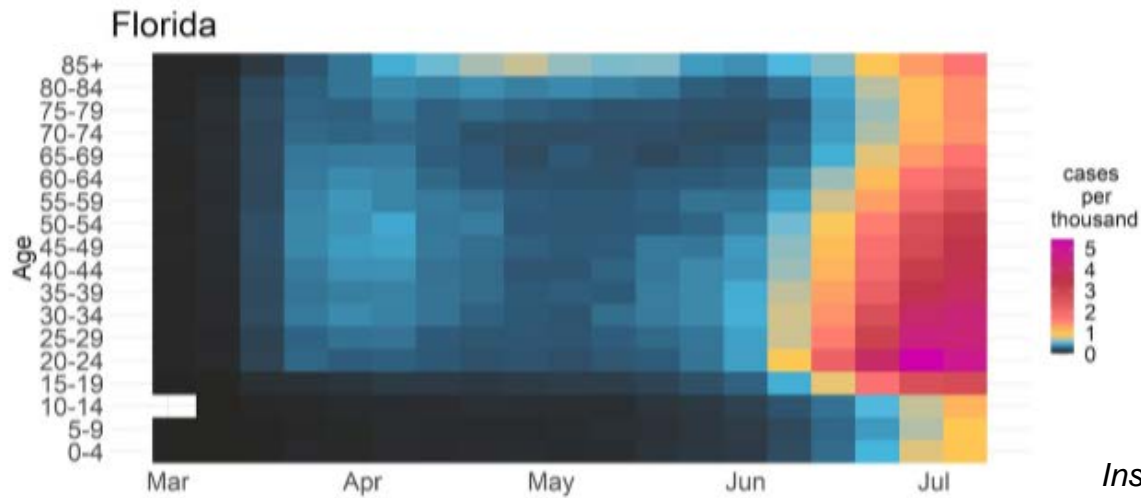
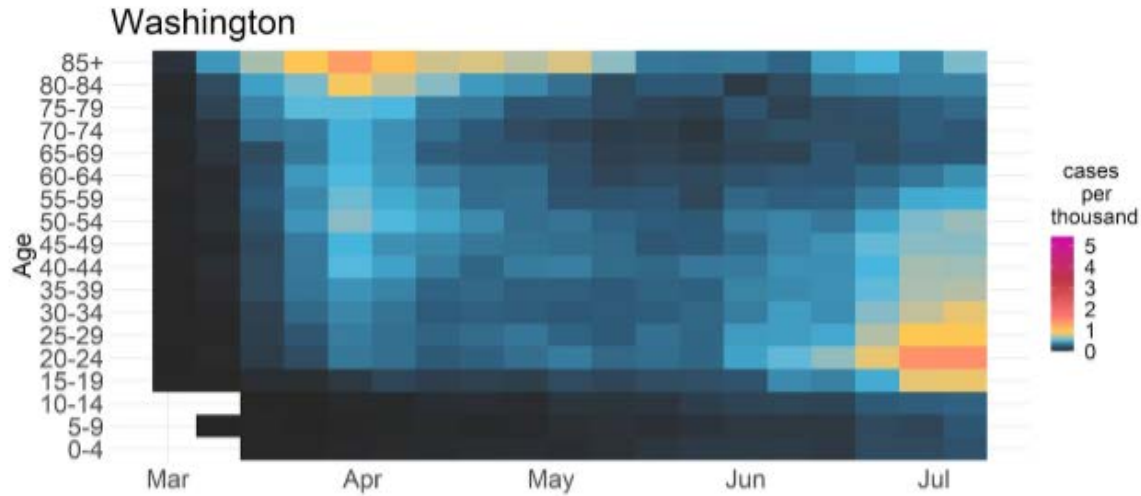
Reproductive number



Institute for Disease Modeling



Cases by age



Institute for Disease Modeling



Clark County

as of July 28

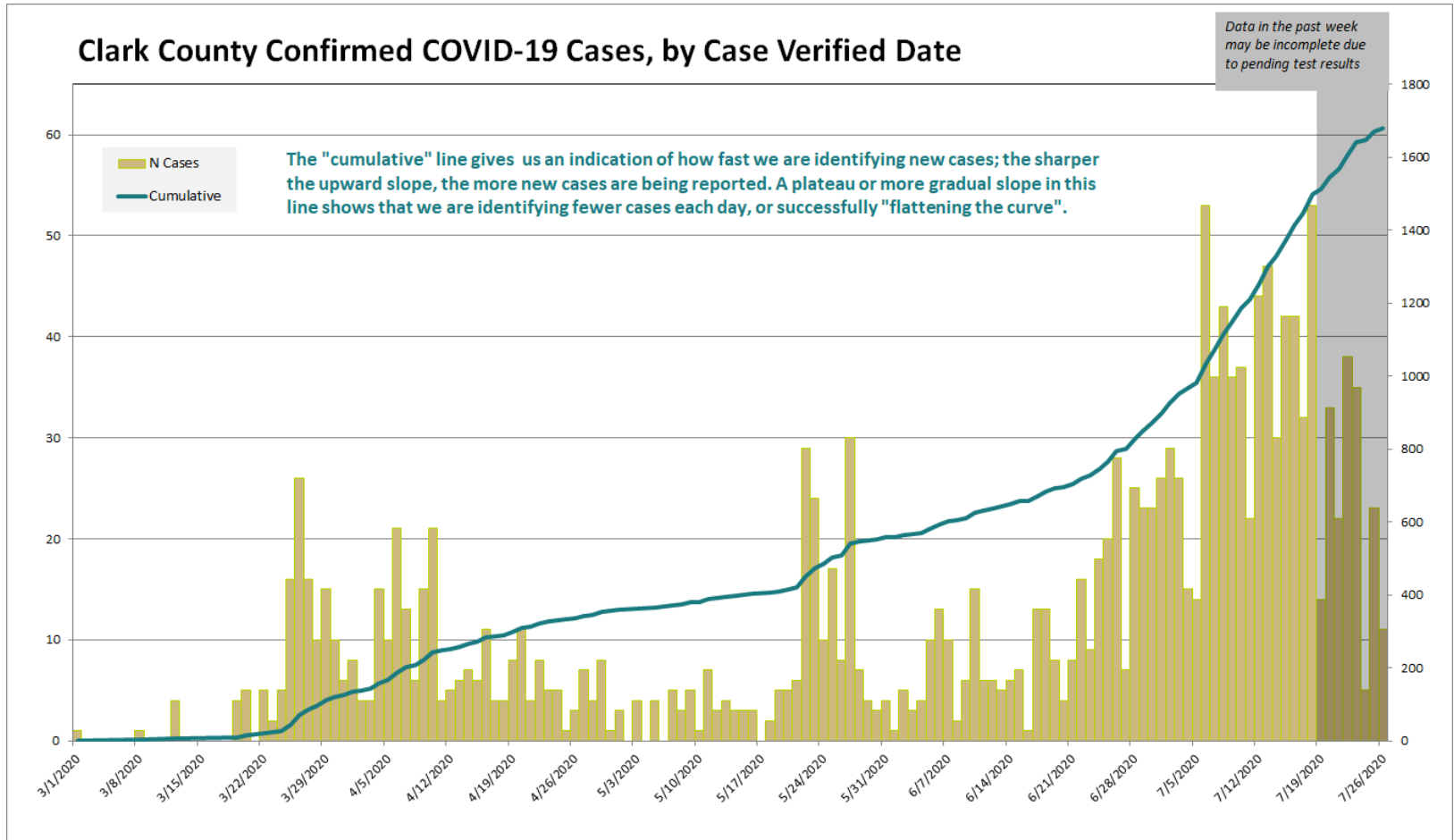
Number of positive cases	1717
Number of deaths	37

Case Verified Date	N
July 14	30
July 15	42
July 16	42
July 17	32
July 18	52
July 19	14
July 20	33

Case Verified Date	N
July 21	22
July 22	38
July 23	36
July 24	6
July 25	24
July 26	12
July 27	34

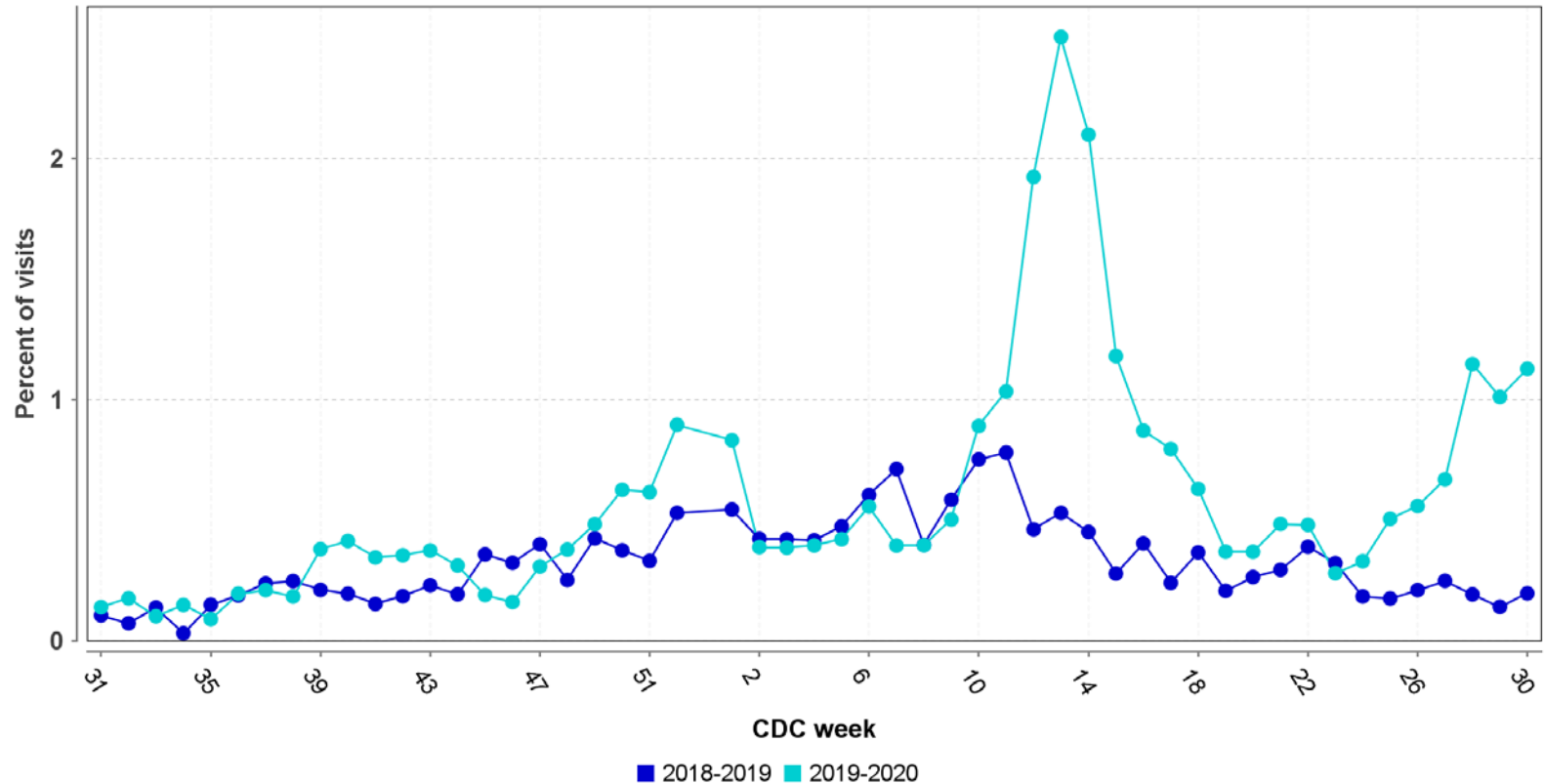


Clark County



Clark County

Percent of visits to Clark County healthcare facilities with COVID-19-like illness or coronavirus diagnosis



Phase 3 metrics

	Metric	Target	Clark County – Phase 3 application	Clark County - current
COVID-19 activity	Incidence of new cases reported during prior two weeks (measured by specimen collection date, and to account for the lag in reporting, the two week period starts 6 days prior to the current date)	Target: <25 cases / 100,000 / 14 days	19.45	96.4 (July 8-21) not meeting target
	Trends in hospitalizations for lab-confirmed COVID-19	Target: flat or decreasing	flat	flat meeting target
	Reproductive rate (if available)	Target: $Re < 1$	n/a	n/a



Closer look: hospitalization trends

Trends in hospitalizations for lab-confirmed COVID-19

- Target: flat or decreasing
- Clark County: flat

Date	COVID-19 confirmed hospitalizations	COVID-19 PUI hospitalized	Percent of beds occupied by COVID confirmed and PUI patients
July 8	19	13	5.1%
July 9	20	12	5.1%
July 10	22	10	5.1%
July 11	24	4	4.5%
July 12	26	7	5.3%
July 13	29	12	6.5%
July 14	29	9	6.1%
July 15	27	8	5.6%
July 16	23	4	4.3%
July 17	21	2	3.7%
July 18	20	4	3.8%
July 19	22	6	4.5%
July 20	18	11	4.6%
July 21	20	13	5.3%
July 22	21	10	4.9%
July 23	23	3	4.1%
July 24	25	3	4.5%
July 25	25	3	4.5%
July 26	19	3	3.5%



Phase 3 metrics

	Metric	Target	Clark County – Phase 3 application	Clark County - current
Healthcare system readiness	% licensed beds occupied by patients (i.e., hospital census relative to licensed beds)	Target: Green: < 80% (Yellow: 81-90%; Red: >90%)	Green (64.9%)	Green (72.6%) meeting target
	% licensed beds occupied by suspected and confirmed COVID-19 cases	Target: Green: < 10% (Yellow: 11-20%; Red: >20%)	Green (3.4%)	Green (3.5%) meeting target



Phase 3 metrics

	Metric	Target	Clark County – Phase 3 application	Clark County - current
Testing	Average number of tests performed per day during the past week (or average % tests positive for COVID-19 during the past week)	Target: 50 times the number of cases (or 2%)	Average 417 tests per day 1.85% positivity (June 14-20)	Average 814 tests per day 4.79% positivity (July 12-18) not meeting target
	Median time from symptom onset to specimen collection among cases during the past week	Target: median <2 days	2 days (June 14-20); 3 days (June 21-25)	3 days (July 19-25) not meeting target



Closer look: testing

Week ending	Total number positive	Total number of tests	Target number of tests	Meeting testing target	Positivity	Percent change in testing	Percent change in positivity
June 13	39	4006	1950	yes	0.97%		
June 20	56	4128	2800	yes	1.36%	3.05% increase	40.20% increase
June 27	148	5924	7400	no	2.50%	43.50% increase	83.82% increase
July 4	170	5330	8500	no	3.19%	10.03% decrease	27.60% increase
July 11	273	5921	13650	no	4.61%	11.09% increase	44.51% increase
July 18	273	5697	13650	no	4.79%	3.78% decrease	3.90% increase



Phase 3 metrics

	Metric	Target	Clark County – Phase 3 application	Clark County - current
Case and contact investigations	Percent of cases reached by phone or in person within 24 hours of receipt of positive lab test report	Target: 90%	63%	24% (July 12-25) not meeting target
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	Target: 80%	61%	72% (July 11-24) not meeting target
	Percent of cases being contacted daily (by phone or electronically) during their isolation period	Target: 80%	88%	79% (July 18-24) not meeting target
	Percent of contacts being contacted daily (by phone or electronically) during their quarantine period	Target: 80%	88%	90% (July 18-24) meeting target



Closer look: case investigations

- Last week, changed approach for working through backlog.
 - Addressing new cases first (rather than starting with oldest cases).
 - Benefit is we can identify close contacts of new cases quickly and get them in quarantine before can expose others.
- We've also implemented other changes, such as eliminating unnecessary questions and upgrading the database.
- Percentage of cases reached within 24 hours has improved as a result.

Day	Cases verified	# cases reached w/in 24 hours	% cases reached w/in 24 hours
July 21	22	18	82%
July 22	38	18	47%
July 23	36	23	64%
July 24	6	4	67%
July 25	24	19	79%
July 26	12	9	75%



Phase 3 metrics

	Metric	Target	Clark County – Phase 3 application	Clark County - current
Protecting high-risk populations	Number of outbreaks reported by week (defined as 2 or more non-household cases epidemiologically linked within 14 days in a workplace, congregate living, or institutional setting)	Target: 0 for small counties (<75,000); 1 for medium counties (75,000-300,000), 2 for large counties (>300,000) , 3 for very large counties (>1 million)	0-2 per week	5 (1 LTCF) (July 19-25)



Public Health staffing

- Current staffing:
 - Case investigation team had 3 program manager, 4 program coordinators, 20 case investigators (nurses), 3 office assistants.
 - Also had 1 program manager, 2 program coordinators, 1 office assistant, 1 epidemiologist (for wrap around services, logistics, testing, epi)
- County Council approved hiring additional staff last week:
 - Add to case investigation team 2 program coordinators, 16 case investigators (nurses) and 10 community health workers/office assistants
 - Also add 2 office assistants, 1 program coordinator epidemiologist
- Status of new staff:
 - Monday: 3 new nurses and 1 office assistant started
 - Aug. 3: 6 new nurses and 4 community health workers/office assistants will start
 - Aug. 10: at least 4 new nurses and 3 community health workers/office assistants will start



Case reporting

- COVID-19 is a notifiable condition
 - Health care providers, facilities and laboratories are legally required to report COVID-19 to Clark County Public Health.
- Each case report includes:
 - Name
 - Date of birth
 - Sex
 - Address
 - Phone number
 - Diagnosis
 - Laboratory data
 - Health care provider contact information



Case reporting

- Number of cases reflects the number of individuals who test positive, not the number of positive tests.
 - Each person is counted only once, even if they have more than one positive test
 - Case total includes only Clark County residents.
 - Clark County residents who are tested in other counties are transferred to Clark County Public Health, and Clark County transfers non-county residents to county in which the case resides.
- Public Health has quality control steps in place to ensure any duplicates are identified and removed.



Testing supplies

- Continue to hear about challenges with supplies locally and across the country
 - One local shipment of supplies was diverted to another state
- Some local providers are reducing the amount of testing they're doing as a result
 - Still testing people who are symptomatic, before procedures, patients admitted to hospital
- Continue to have concerns about slow turnaround time at large commercial labs
 - Turnaround time of a week or more



Safe Start, face covering changes

- On Thursday, Gov. Inslee and Secretary of Health Wiesman announced changes to the Safe Start plan and face covering order
 - Aim is to reduce social gatherings and make them safer
- **Restaurants**, beginning July 30 and until Phase 4:
 - Indoor dining is limited to members of same household
 - Alcohol service must end by 10 pm
 - Vending game areas (pool tables, darts, video games, etc.) are closed
 - Bars are closed for indoor seating
 - No bar-area seating (all phases)
 - In Phase 3, table size is reduced to 5 people and restaurant occupancy is reduced to 50% capacity.



Safe Start, face covering changes

- **Fitness:**

- Only five individuals (not counting staff) are allowed for indoor fitness services. They can participate in group fitness classes or exercise on their own.
- In Phase 3, occupancy reduced to 25% and classes limited to 10 people.

- **Weddings and funerals** (secular or non-secular), beginning Aug. 10 and in all phases:

- Maximum indoor occupancy is 20% capacity or up to 30 people, whichever is less, as long as physical distancing is maintained between households
- Outdoor ceremonies are limited to 30 people, and at least six feet of physical distancing between households is required.
- Only ceremonies are permitted (no receptions)



Safe Start, face covering changes

- **No indoor family entertainment/recreational centers** (mini golf, bowling alleys, arcades, etc.) until Phase 4.
- **No indoor card rooms** until Phase 4.
- In Phase 3, **movie theaters** occupancy limited to 25% capacity.
- **Face coverings**, went into effect Saturday, July 25:
 - The order requiring face coverings now extends to any indoor setting outside of your home (not just public buildings) and any outdoor setting where 6 feet of physical distancing cannot be maintained
 - This includes condo and apartment hallways, hotel hallways, and shared spaces in university housing and long-term care facilities.



Thank you!

