



NPAIHB

Indian Leadership for Indian Health

NPAIHB COVID-19 Weekly Update

Please sign in using the chat box:

Enter the tribe or organization you are representing
and names of all people participating with you today

Information for Today's Call

Agenda

- ▶ Welcome & Introduction
- ▶ Updates on Present Situation
- ▶ Mini Training: Contact Investigation
 - ▶ Alex Wu
- ▶ NPAIHB Report
- ▶ NPAIHB Calls and Q&A
- ▶ State Updates

Guidelines

- ▶ Please place yourself on mute unless speaking
- ▶ Sign in, using chat box, with your tribe/organization and names of all participants
- ▶ Use the chat box for questions, for Q&A after updates and announcements

NPAIHB COVID-19 Weekly Data Update

- ▶ **28 Portland Area I/T/Us reporting to date**
 - ▶ Includes 24 tribal/IHS sites
 - ▶ We would really like to hear from the other I/T/U sites to be able to provide very complete data

Portland Area Testing Data* as of April 20:

- ▶ Total Tested: 630
- ▶ Positive: 77
- ▶ Negative: 561

*Portland Area numbers were adjusted/corrected as of 4/20/20. Data include Abbott ID NOW analyzer results, as well as some results for tribal members not tested at I/T/U clinics.



NPAIHB
Indian Leadership for Indian Health

NPAIHB COVID-19 Surveillance Survey

- ▶ **Data collection for Portland Area:**
 - ▶ Clinic staffing, staff exposure/illness
 - ▶ PPE and test kit status
 - ▶ Testing results & patient status
- ▶ **ALL tribes and I/T/U clinics should report:**
 - ▶ **Daily reporting required** for Abbott ID NOW analyzer sites
 - ▶ Other tribes: **daily** if possible, **weekly** at minimum

- ▶ **Report Online:**

<https://www.surveymonkey.com/r/NPAIHBCovid-19>

or email tphep@npaihb.org

for the fillable/printable report form or for technical assistance



NPAIHB

Indian Leadership for Indian Health

Content Drilldown

SAVE | EXPORT | SHARE | EDIT | INSIGHTS

ALL * PAGE PATH LEVEL 1: / covid-19/

Mar 11, 2020 - Apr 20, 2020

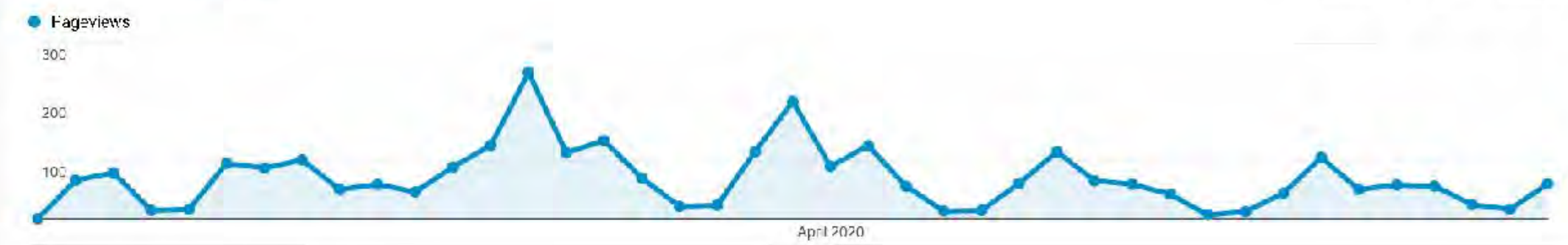
All Users
 11.32% Pageviews

+ Add Segment

Explorer

Pageviews vs. Select a metric

Day | Week | Month | |



Primary Dimension: Page path level 2 | Page | Other

Secondary dimension | Sort type: Default

advanced | | | | |

Page path level 2	Pageviews	Unique Pageviews	Avg. Time on Page	Bounce Rate	% Exit
	2,827 <small>% of Total: 1.32% (24,979)</small>	1,904 <small>% of Total: 9.89% (19,253)</small>	00:01:34 <small>Avg for View: 00:01:49 (-13.49%)</small>	61.20% <small>Avg for View: 69.57% (-12.16%)</small>	45.45% <small>Avg for View: 53.21% (-14.37%)</small>

ESSENCE Data for COVID-19 Monitoring

New Essence data for WA and OR will be on the website later today.

COVID-19 Projections and Monitoring

- Several research groups have developed models to project the impact of COVID-19 in terms of infections/infection rates, hospital burden, and deaths
- Examples:
 - <https://surf.stanford.edu/covid-19-tools/covid-19-hospital-projections/>
 - <https://penn-chime.phl.io/>
 - <https://covidactnow.org/us/>
 - <https://covid19.healthdata.org/>
- Models are intended to inform decision-making at (depending on the model) the hospital/county/state/country level
- Models combine real data and assumptions (sometimes guesses) about key inputs (such as infection rates, current/future interventions)

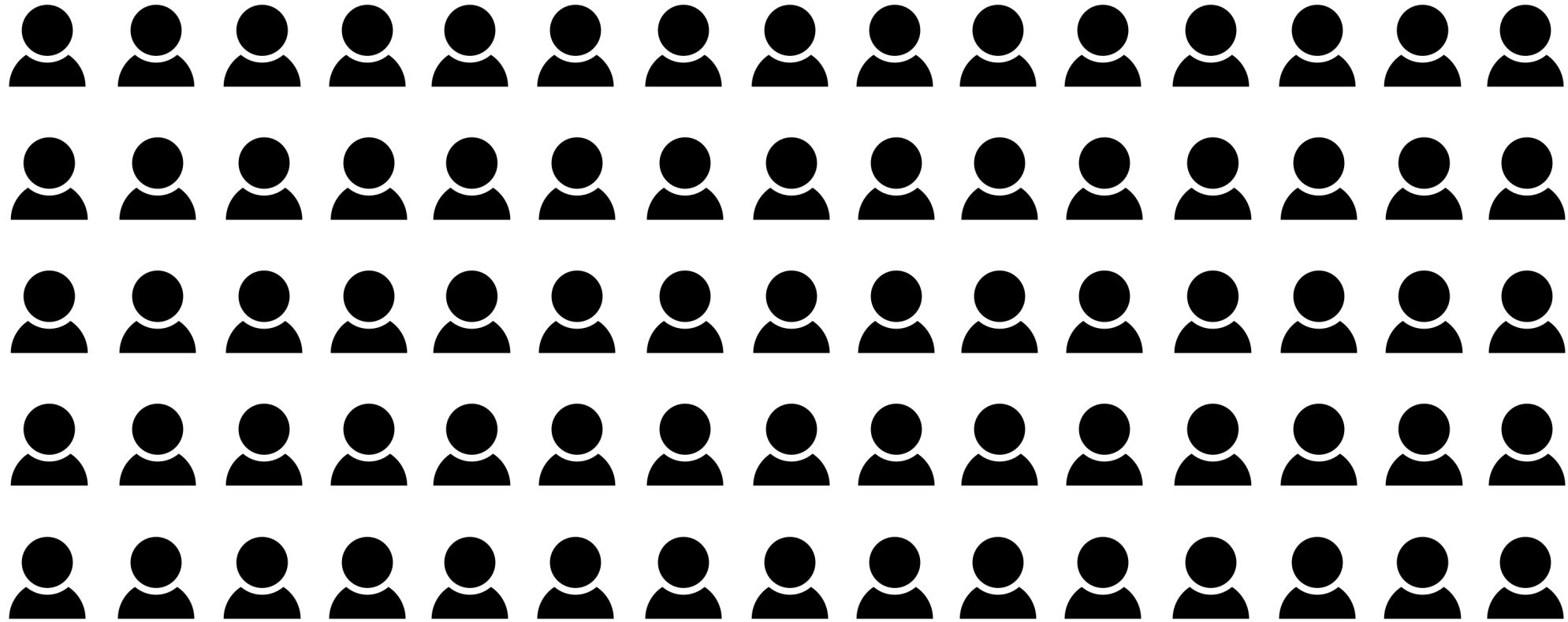
Contact Tracing

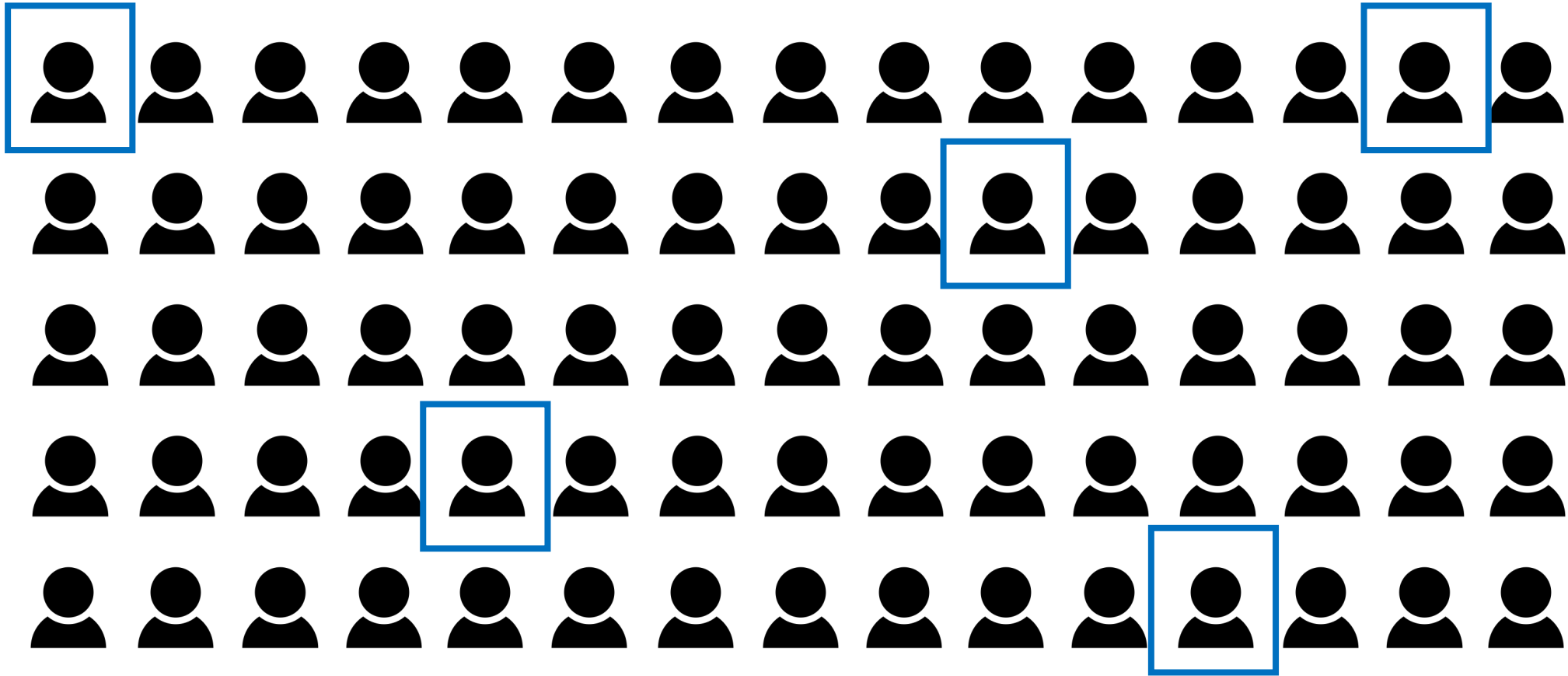
Alex Wu

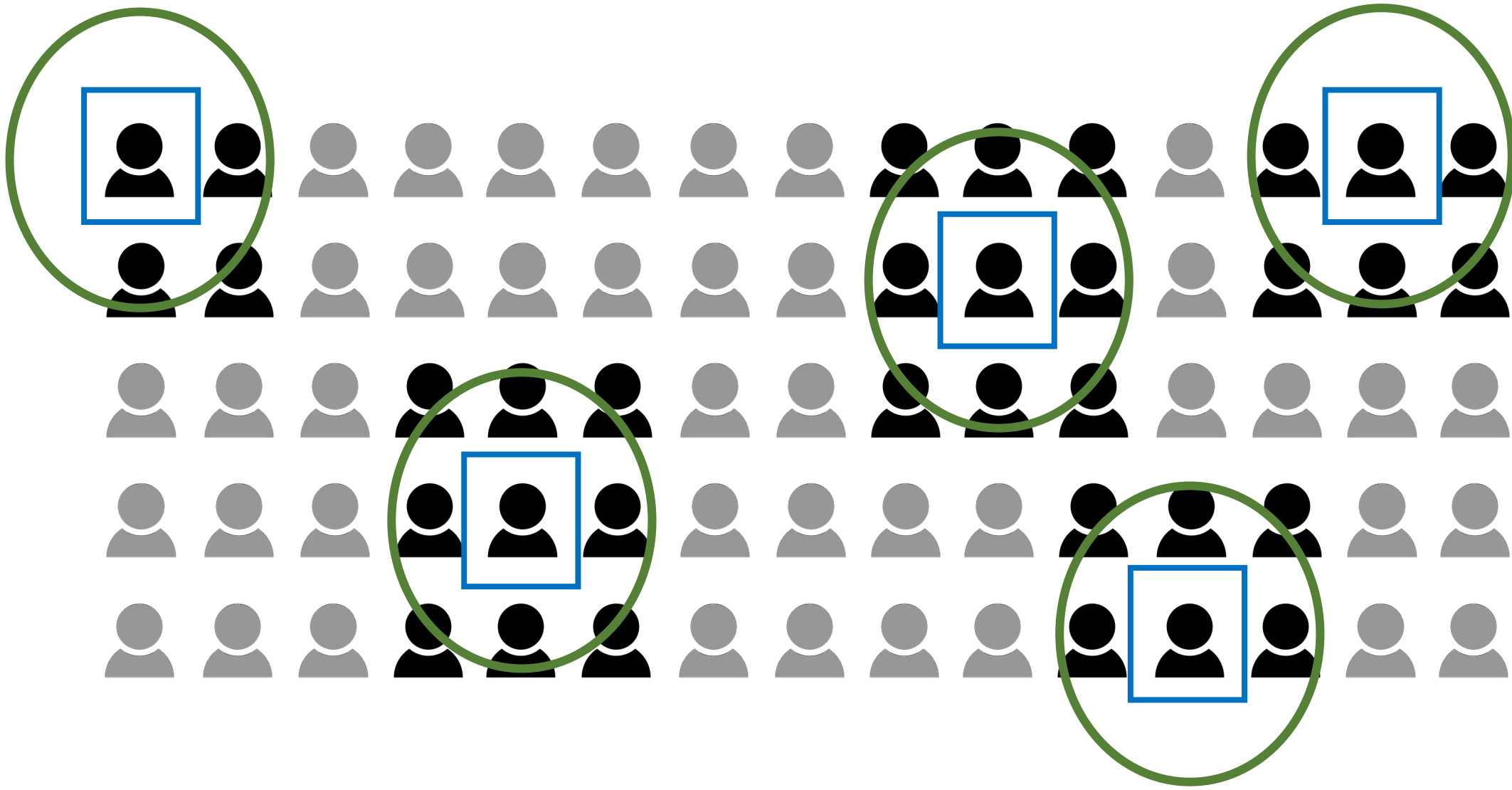
Case and Contact Investigation: An Introduction

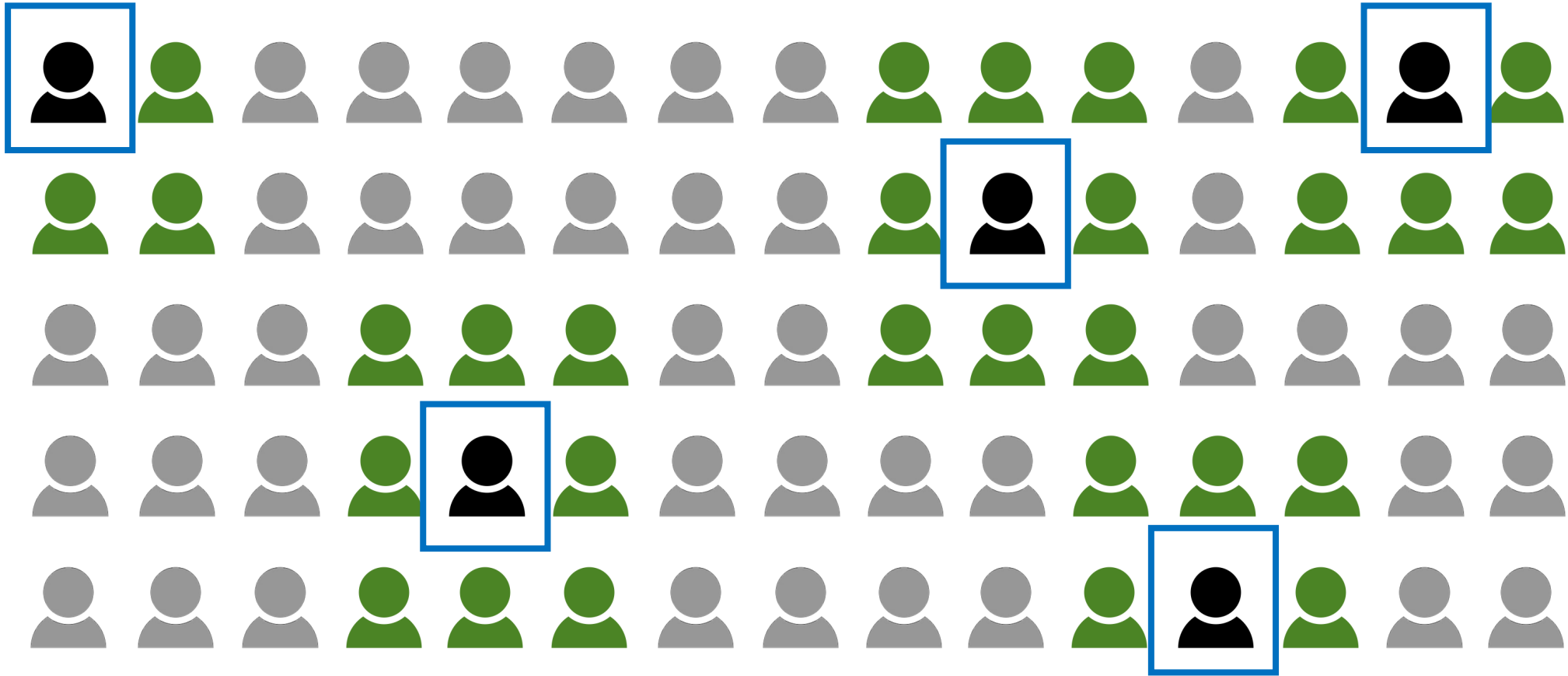
Alexander Wu, ScD, MPH

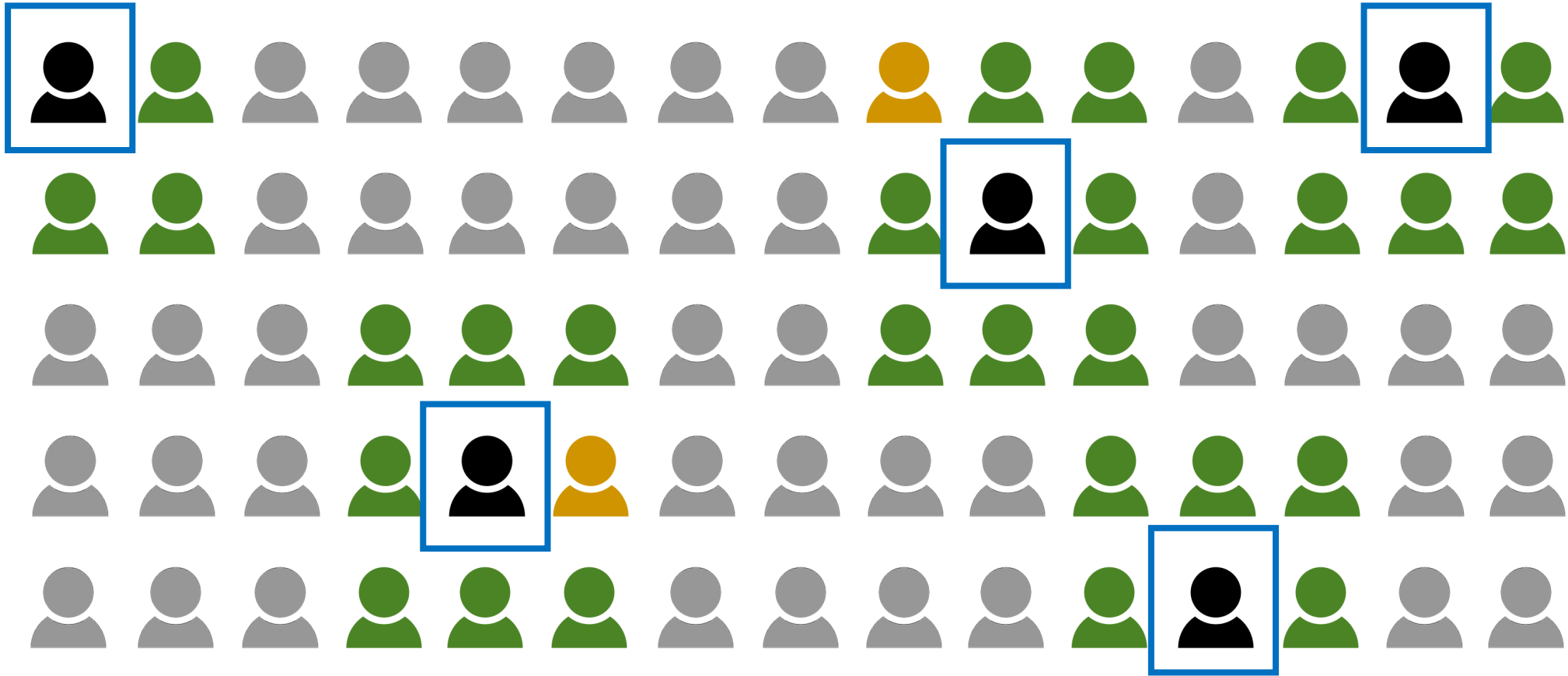
April 21, 2020

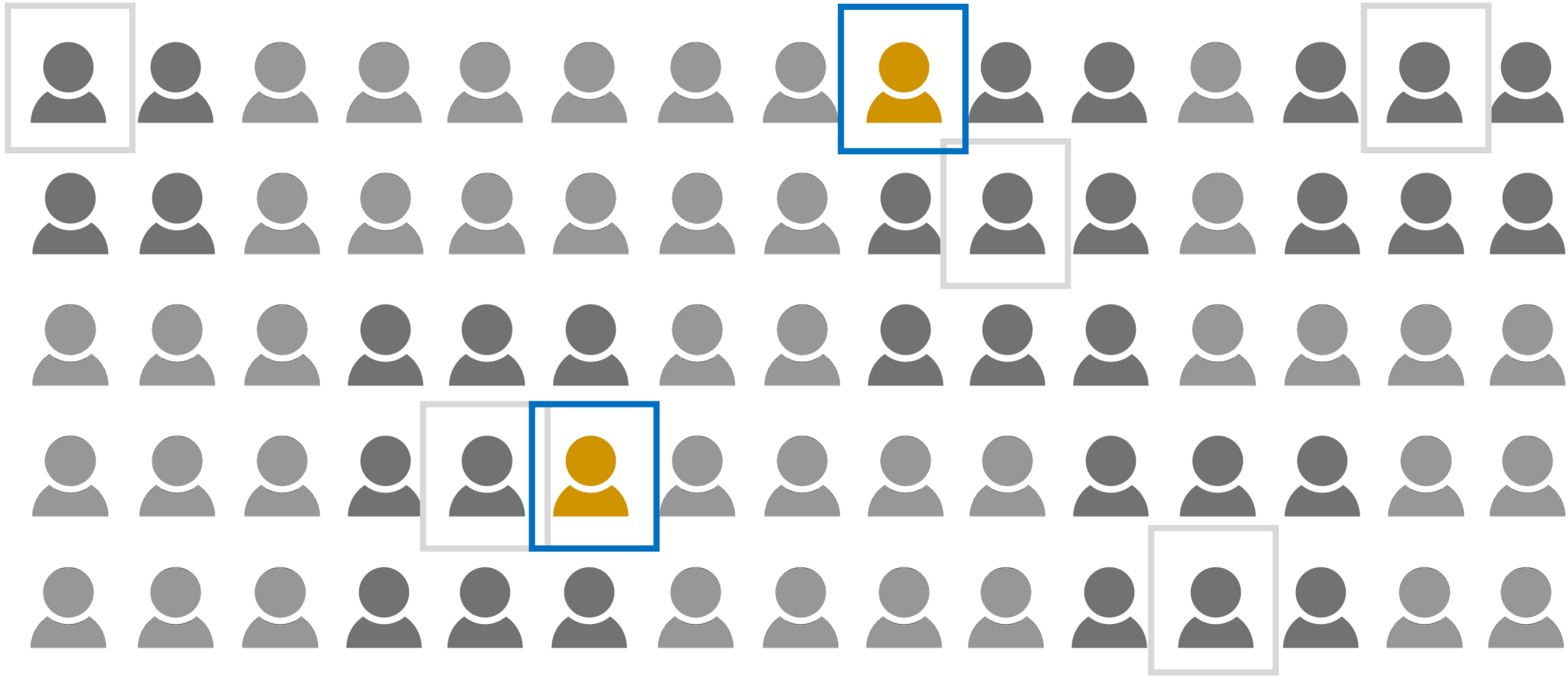






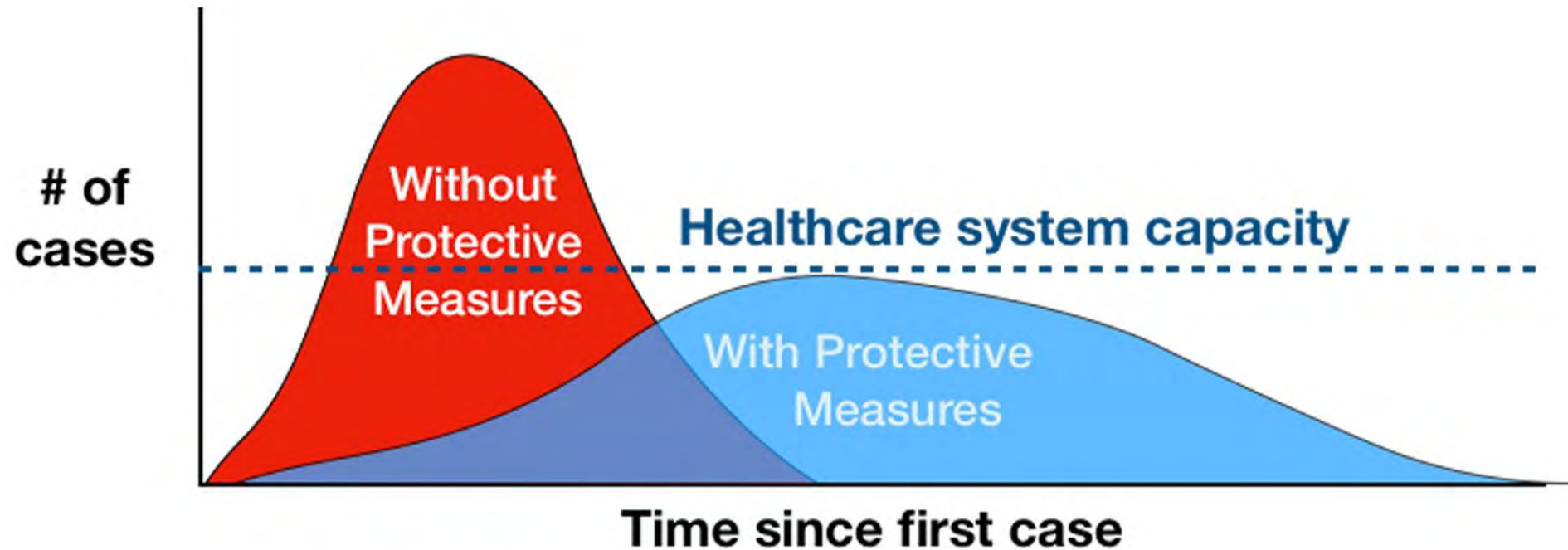






Contact investigations are key to **stopping the outbreak and saving lives.**

Contact investigations can help “flatten the curve”



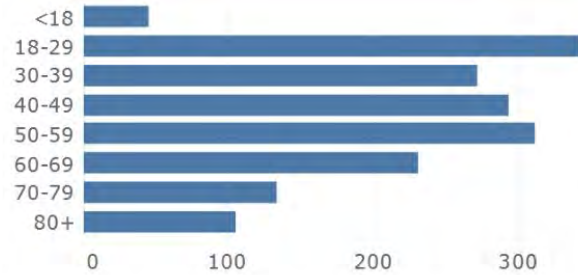
Adapted from CDC / The Economist

1,736 (64 New)
Statewide Cases

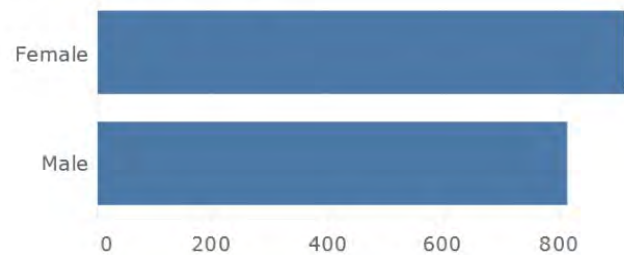
Testing for COVID-19*



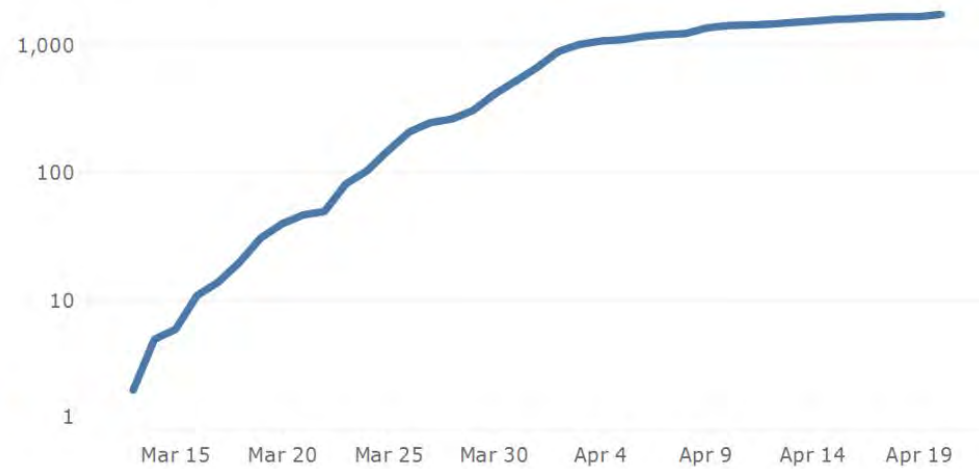
COVID-19 by Age-Group



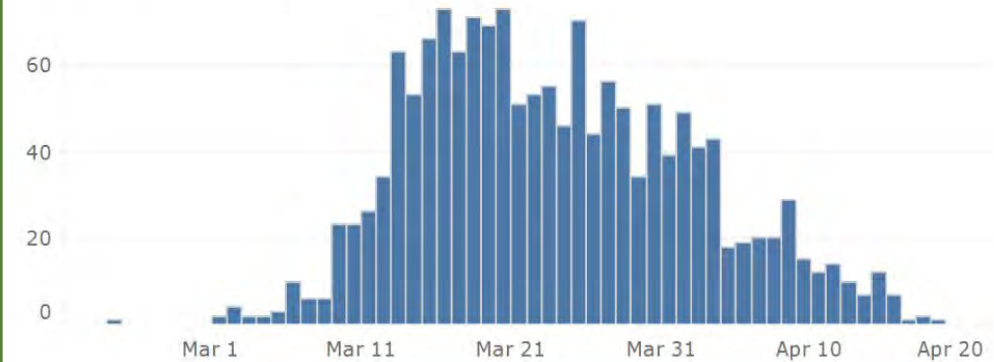
COVID-19 by Sex



COVID-19 Trend Cumulative Cases



COVID-19 by Date of Onset



Oregon's Epi Curve

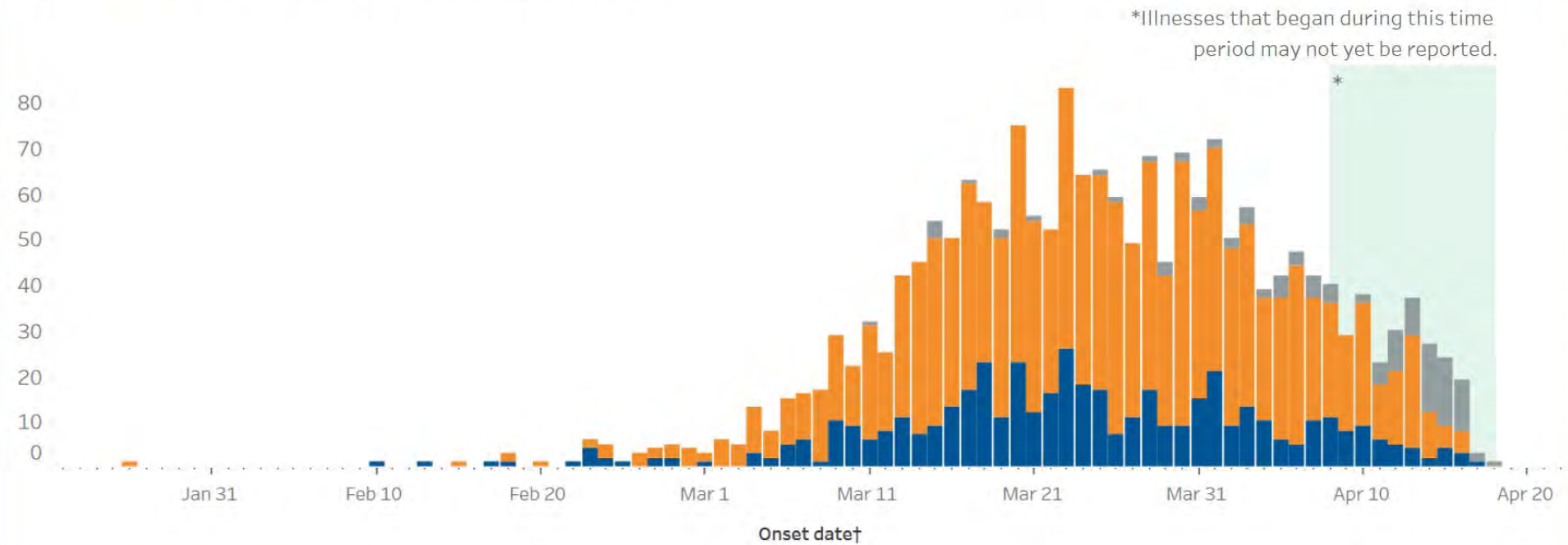
View total persons tested

Data current as of: 8:00am 4/20/2020

Oregon's Epi Curve: Positive COVID-19 cases

This chart shows the number of Oregonians who have tested positive for COVID-19 and whether they were ever hospitalized for their illness.

Total Positive Cases	Hospitalized	Not Hospitalized	Hospitalization Status Unknown
1,956	465	1,376	115



*Illnesses that began during this time period may not yet be reported.

Enter or drag the cursors to change the onset date range.



When people say we want to “flatten the curve,” this is the curve they are talking about.

We want to slow the number of new cases of COVID-19 so our healthcare system isn't overwhelmed and can provide care to everyone who needs it. Staying home except for essential needs and practicing social distancing are important ways we can flatten the curve.

COVID-19 in Washington State

Data as of April 19, 2020 11:59PM PT

Click here:

Confirmed Cases

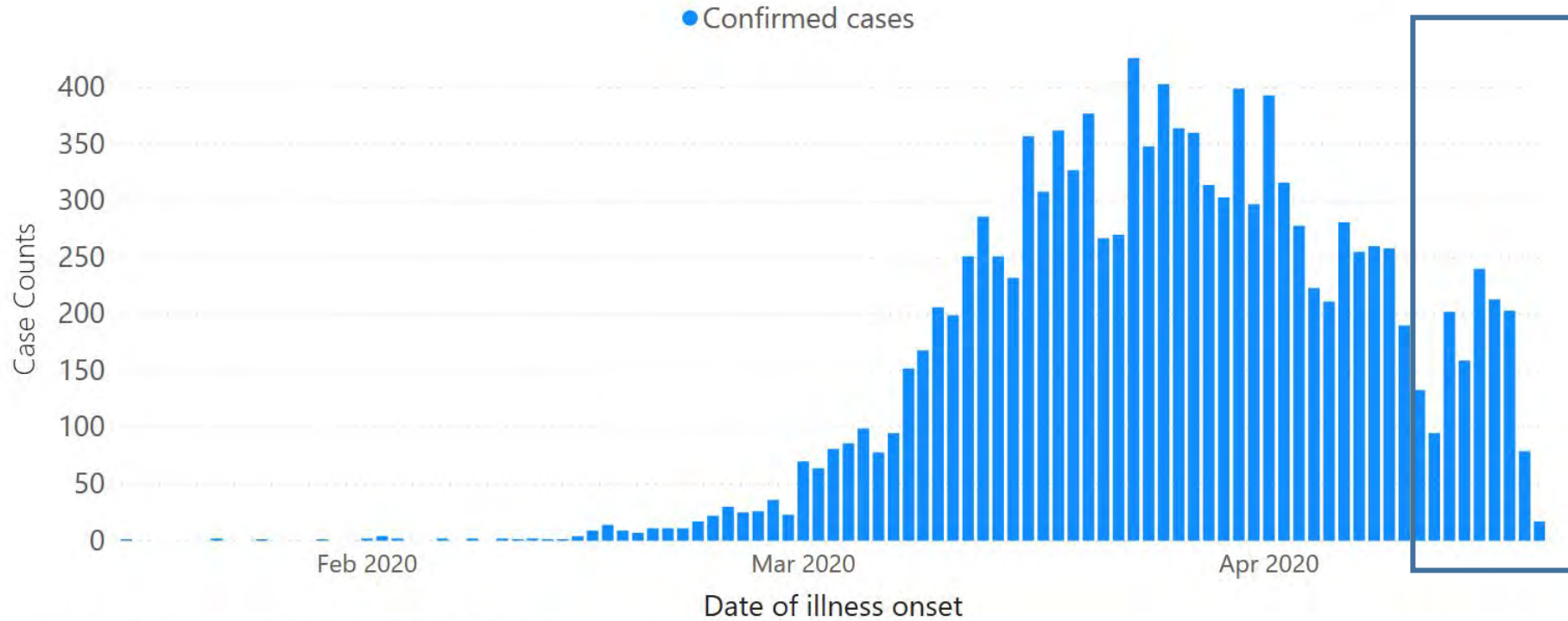
Deaths

Downloadable Table

Counties with greater than 10 cases / deaths

All

Illnesses that began in the last 4 to 7 days may not yet be reported.

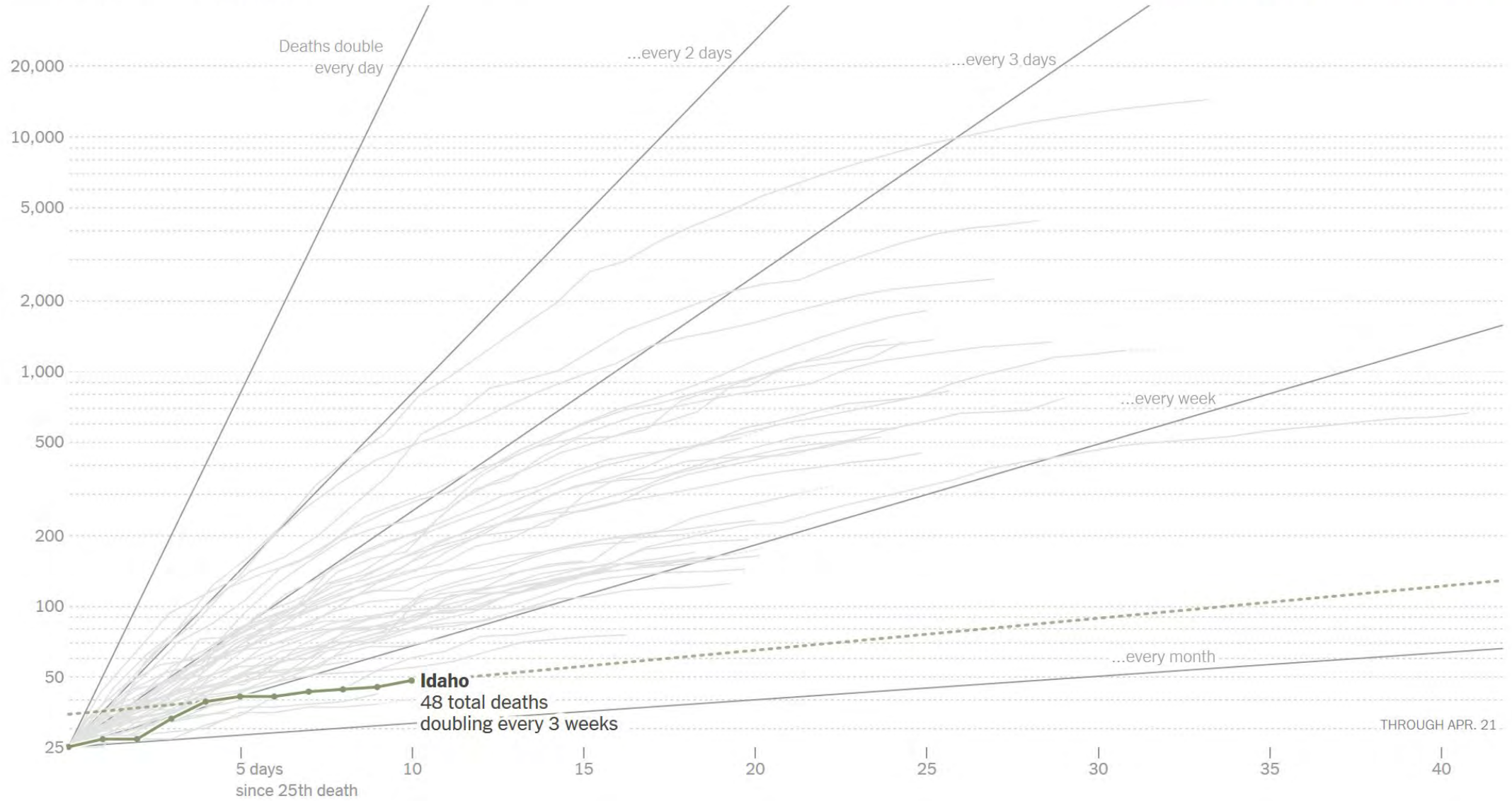


151 of 12,085 confirmed cases do not have an assigned county

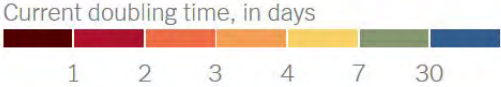
COVID-19 data are reported as timely, accurately and completely as we have available. Data are updated as we receive information that is more complete and will change over time as we learn more.

Total coronavirus deaths for places with at least 25 deaths

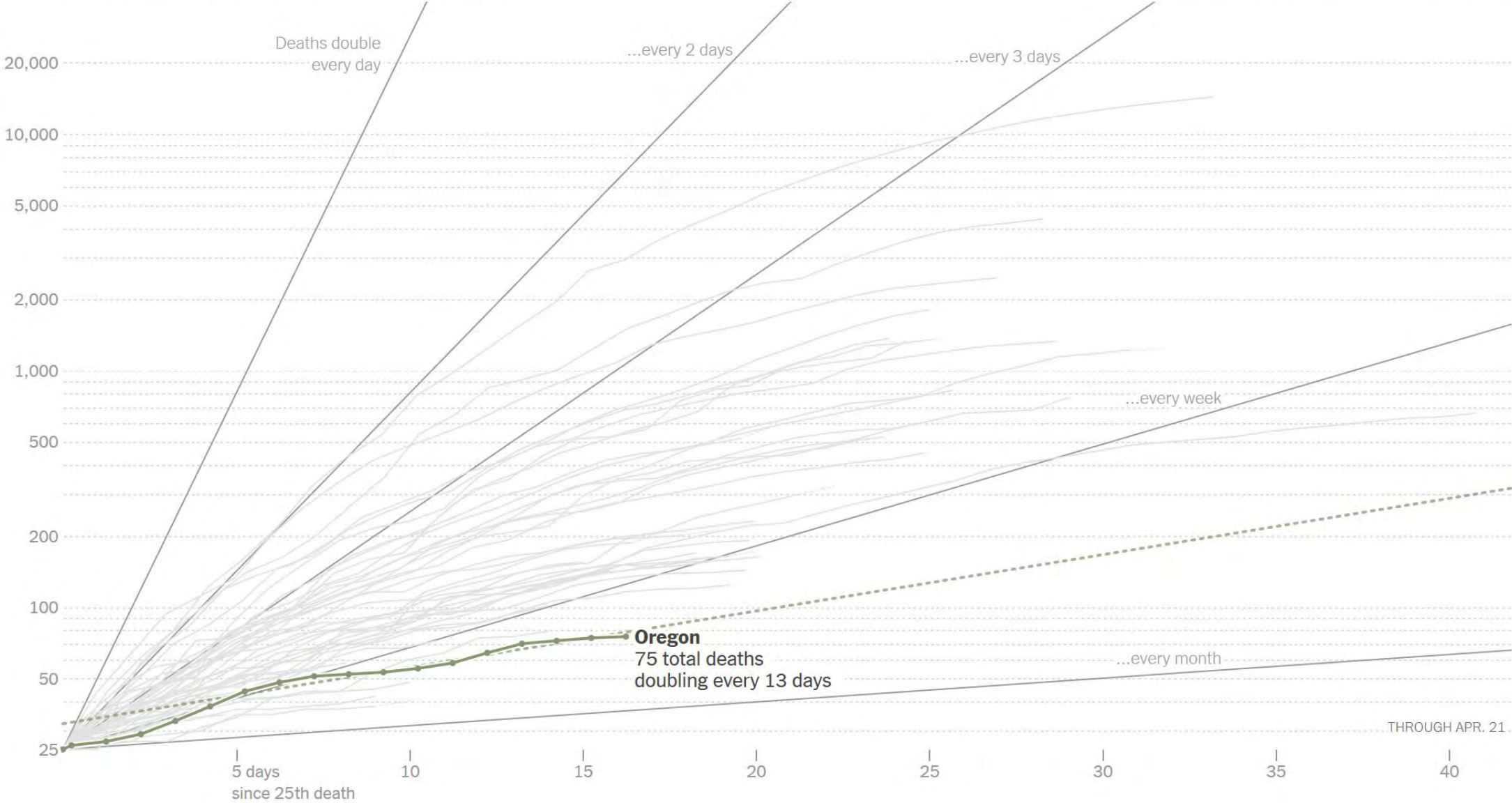
— Reported ····· Partial (today)



Total coronavirus deaths for places with at least 25 deaths



— Reported ····· Partial (today)

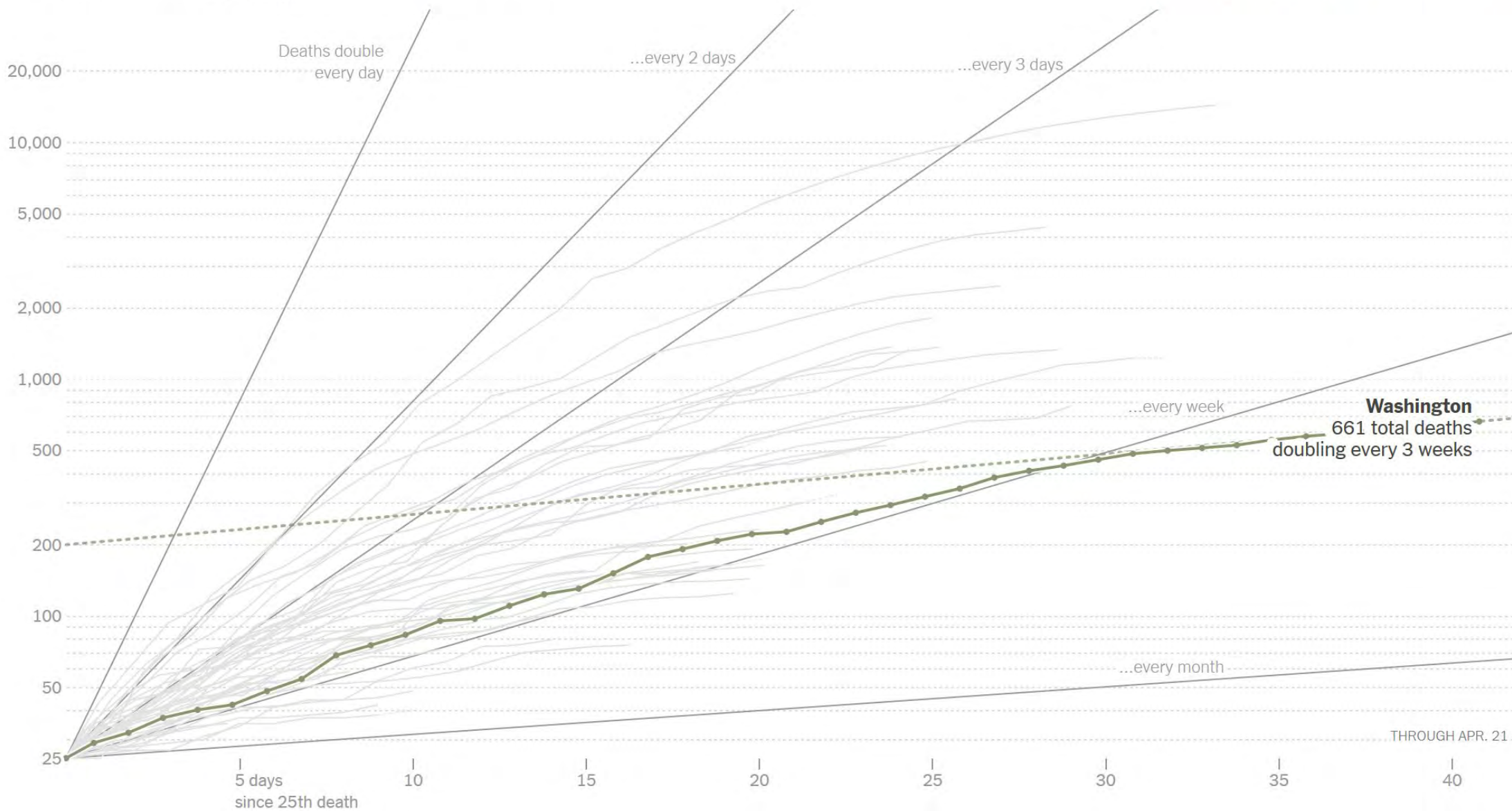




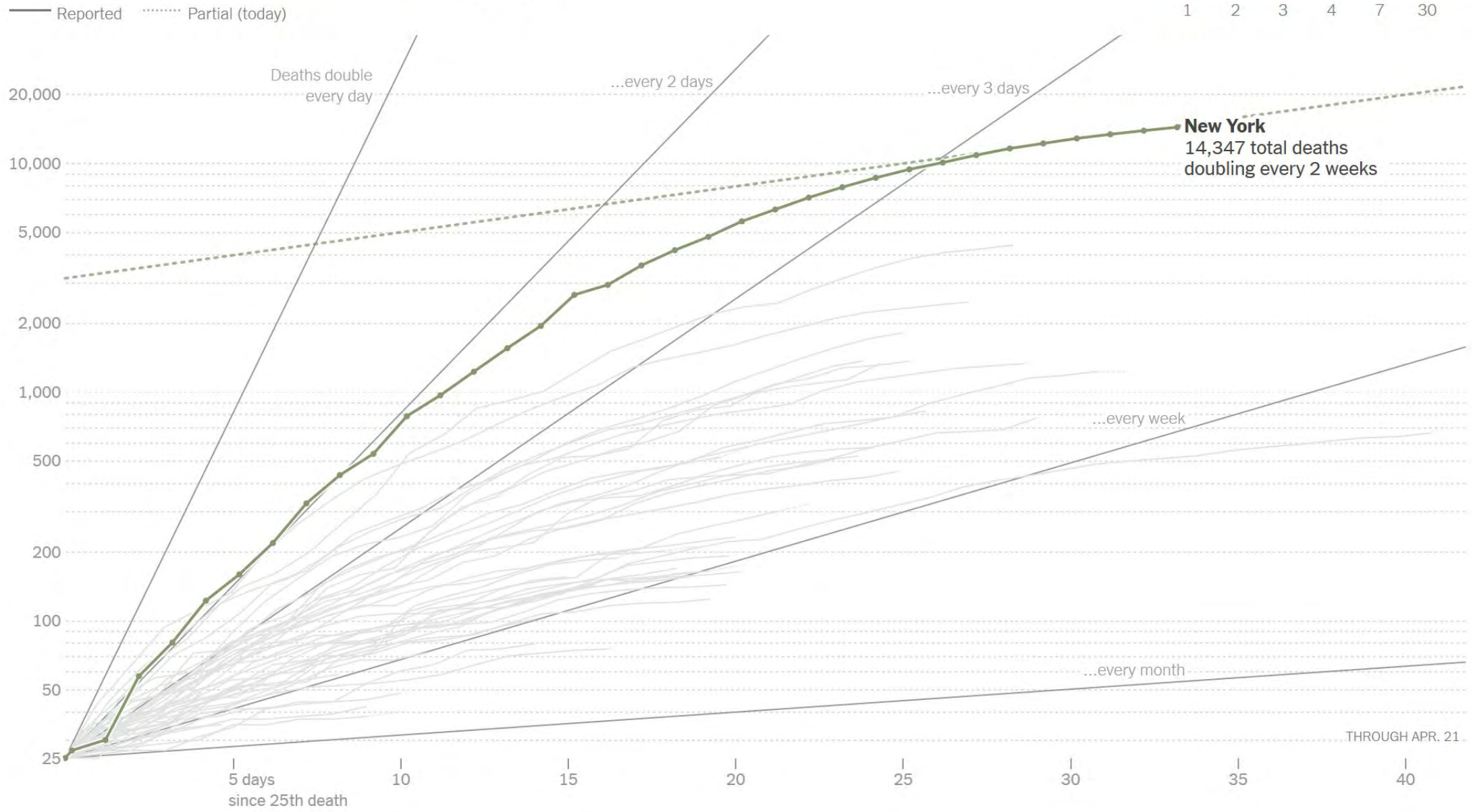
Total coronavirus deaths for places with at least 25 deaths

— Reported ····· Partial (today)

Current doubling time, in days



Total coronavirus deaths for places with at least 25 deaths



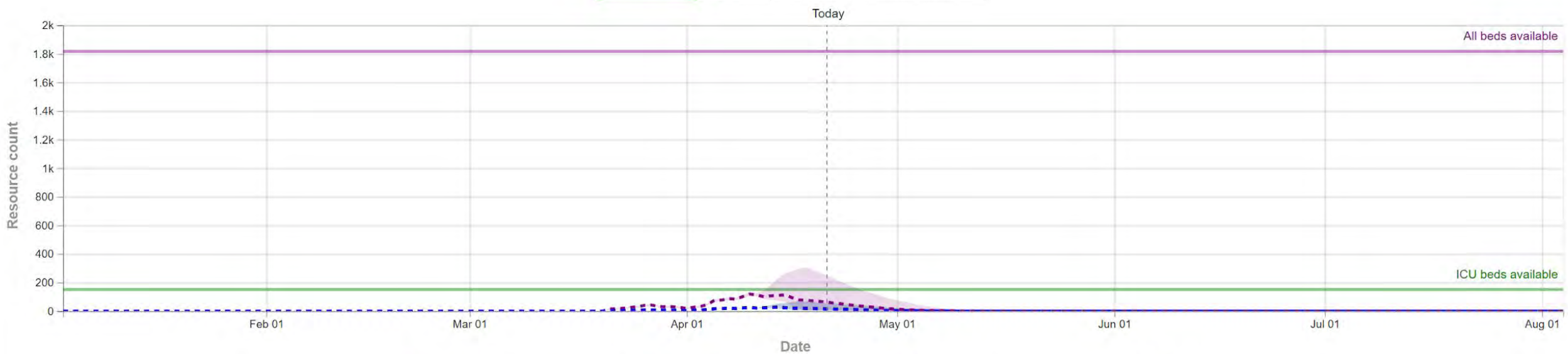
Hospital resource use

11 days since peak resource use on
April 10, 2020
 (April 10 - April 18)

Resources needed for COVID-19 patients on April 10

All beds needed	→	All beds available	→	Bed shortage
119 beds		1,817 beds		0 beds
ICU beds needed	→	ICU beds available	→	ICU bed shortage
26 beds		151 beds		0 beds
Invasive ventilators needed				
24 ventilators				

- All resources
- All beds
- ICU beds
- Invasive ventilators



- - - All beds needed (projected)
 - - - ICU beds needed (projected)
 - - - Invasive ventilators needed (projected)

All resources specific to COVID-19 patients.
 Shaded areas indicate uncertainty



Hospital resource use

4 days since peak resource use on

April 17, 2020*(April 6 - April 21)*

Resources needed for COVID-19 patients on April 17

All beds needed ⓘ

173 beds

All beds available ⓘ

2,657 beds

Bed shortage

0 beds

ICU beds needed ⓘ

37 beds

ICU beds available ⓘ

210 beds

ICU bed shortage

0 beds

Invasive ventilators needed ⓘ

32 ventilators

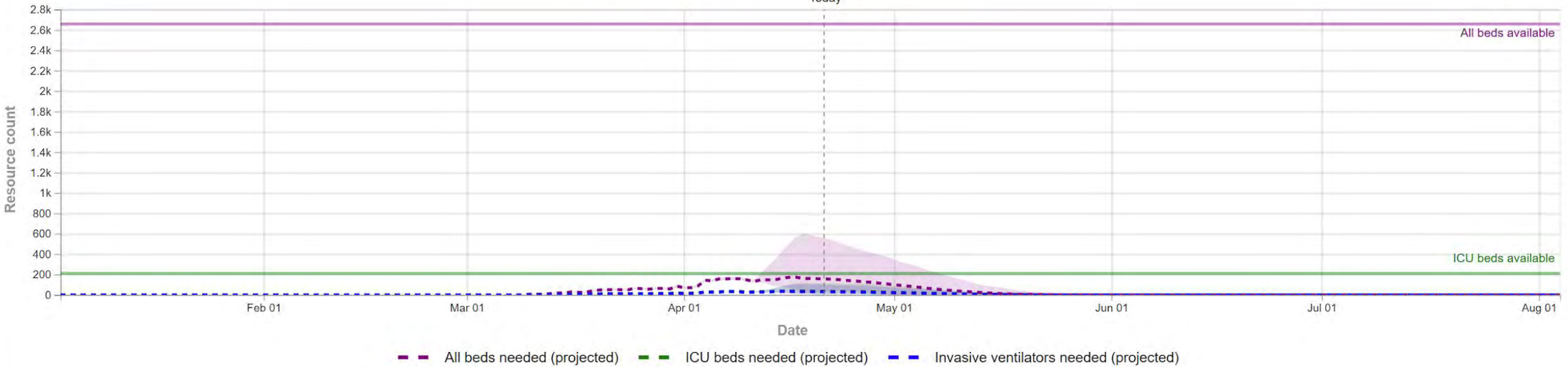
All resources

All beds

ICU beds

Invasive ventilators

Today



All resources specific to COVID-19 patients.

Shaded areas indicate uncertainty ⓘ

Hospital resource use

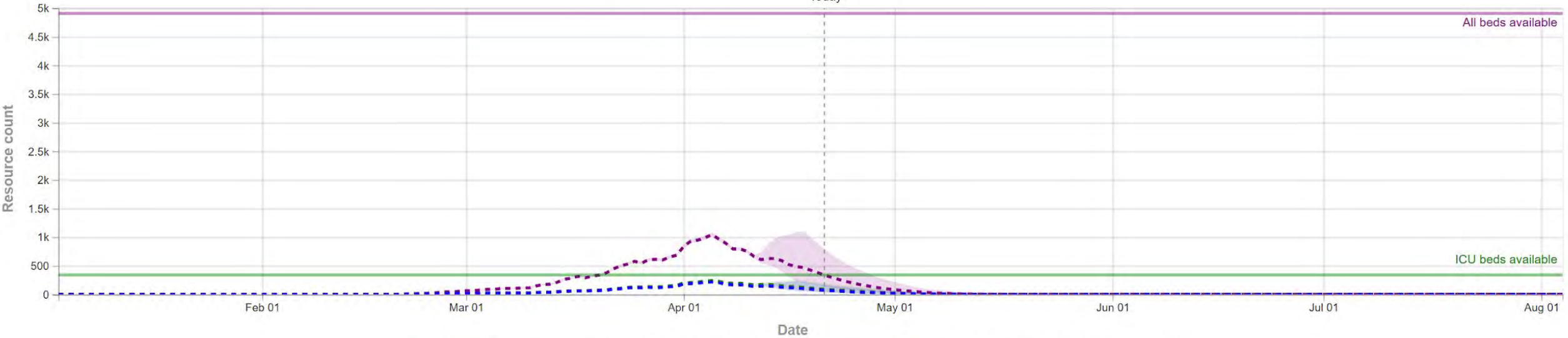
16 days since peak resource use on
April 5, 2020
 (April 5 - April 18)

Resources needed for COVID-19 patients on April 5

All beds needed	→	All beds available	→	Bed shortage
1,043 beds		4,907 beds		0 beds
ICU beds needed	→	ICU beds available	→	ICU bed shortage
241 beds		341 beds		0 beds
Invasive ventilators needed				
216 ventilators				

All resources | All beds | ICU beds | Invasive ventilators

Today



— All beds needed (projected)
 — ICU beds needed (projected)
 — Invasive ventilators needed (projected)

All resources specific to COVID-19 patients.
 Shaded areas indicate uncertainty

Hospital resource use

6 days since peak resource use on
April 15, 2020
 (April 8 - April 17)

Resources needed for COVID-19 patients on April 15

All beds needed
17,346 beds



All beds available
13,010 beds



Bed shortage
4,336 beds

ICU beds needed
6,022 beds



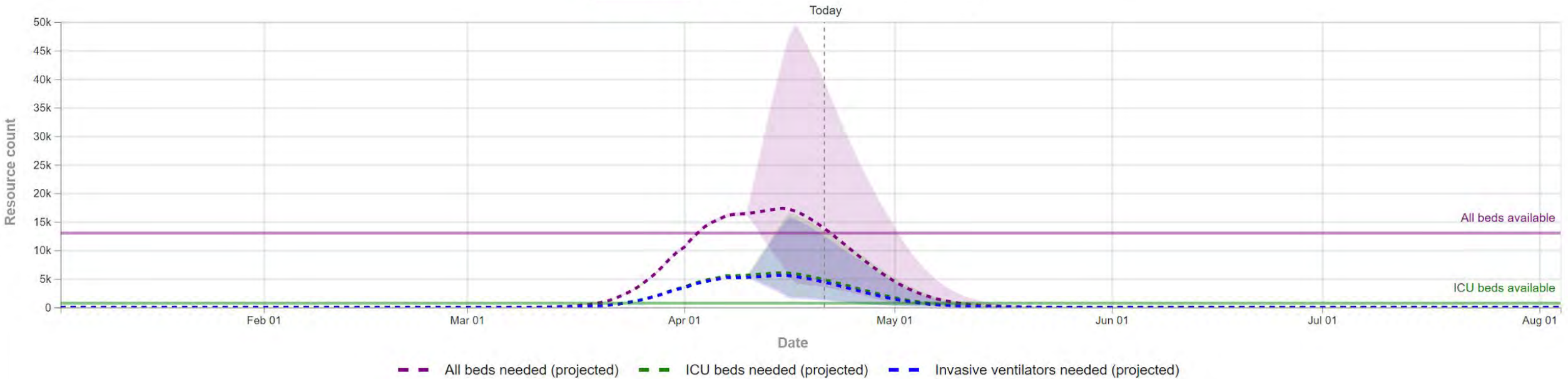
ICU beds available
718 beds



ICU bed shortage
5,304 beds

Invasive ventilators needed
5,578 ventilators

All resources All beds ICU beds Invasive ventilators



All resources specific to COVID-19 patients.
 Shaded areas indicate uncertainty

Thank You

Alexander Wu, ScD, MPH

April 21, 2020

Funding Update

Sarah Sullivan

1803 Funds from NPAIHB

Victoria Warren-Mears

Ongoing NPAIHB COVID-19 Calls

- ▶ NPAIHB Tribal COVID-19 Call - Tuesdays at 10am
- ▶ NPAIHB COVID-19 ECHO Calls - Monday and Wednesdays at 12pm

Log in information available at: www.npaihb.org/COVID-19

To Reach Us for Questions

Primary Contact:

- ▶ Contact: Victoria Warren-Mears
- ▶ Desk Phone: 503-416-3283
- ▶ Cell Phone (call or text): 503-998-6063
- ▶ E-mail: vwarrenmears@npaihb.org