

# Alaska COVID-19

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**Alaska's Chief Medical Officer**

**April 3, 2020**



# Covid-19 Pandemic



Coronavirus Disease 2019, or **COVID-19**, was first identified in patients with respiratory illness in Wuhan, China in November 2019.



Covid-19 is a zoonotic, new viral respiratory illness against which we have no natural immunity.



Covid-19 is pandemic.



We continue to see cases throughout Alaska.



We learn new things about this disease every day which necessitates constant response management and change.



Symptoms include fever, cough, shortness of breath.

# Alaska's Coronavirus Data Hub

The objective of this data hub is to centralize data and statistics on COVID-19 in one location, and to make it available to the community.

As a part of this effort we have also:

- Aligned reporting standards with national guidelines
- Implemented guidelines to protect privacy and misinterpretation of data
- Automated reporting for quicker access by noon daily
- Presented more information

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1. We added a patient in the COVID-19 case count who had contracted the infection in Washington and died in Washington.
  - *The death was already counted in the death count.*
  - *As a result there is now a case displayed in Petersburg, and the cumulative case count for April 1<sup>st</sup> increased from 146 to 147.*

# How do these changes impact the numbers?

Aligned reporting standards with national guidelines means that we are reporting case counts by **Alaska Residence**. As a result, two changes occurred:

2. On April 2<sup>nd</sup>, through additional patient investigations we found one case that was a non-resident.
  - *Today you will see on the dashboard that 11 new cases are reported, but the cumulative count only increased by 10 cases since the non-resident case was removed.*

# How do these changes impact the numbers?

Implemented guidelines to protect privacy and misinterpretation of data means that we are reporting case only for communities with > 1,000 residents. As a result a couple changes occurred:

1. The same standard was applied to all areas therefore we can expand reporting to more communities.

# How do these changes impact the numbers?

Implemented guidelines to protect privacy and misinterpretation of data means that we are **reporting case only for communities with > 1,000 residents**. As a result a couple changes occurred:

2. If communities are <1,000 residents, they are now being reported at the Borough/Census Area level.
  - *One case now is displayed in the Yukon-Koyukuk area instead of being combined in the Fairbanks counts.*

# How do these changes impact the numbers?

Automated reporting for quicker access by noon daily means that we are **reporting case based on a full calendar day** instead of 3pm on one day to 3pm the following day. As a result one change occurred:

1. On April 1<sup>st</sup>, a press release reported 10 new cases from 3pm March 31<sup>st</sup> to 3pm April 1<sup>st</sup>. Yesterday the Dashboard reflected only cases from April 1<sup>st</sup> (8 cases).
  - *Of those 8, five were reported on April 1<sup>st</sup> press release, and on April 2<sup>nd</sup>, 3 more cases were added to the cumulative total for the April 1<sup>st</sup> cumulative case count on the dashboard.*

# How do these changes impact the numbers?

Presenting **more** information means:

1. A de-identified public use data (with suppressed fields) is now available for download.

# How do these changes impact the numbers?

Presenting **more** information means:

2. We are reporting out information by demographics (age sex), summarizing information with call-out boxes, and you can search information by area.

# How do these changes impact the numbers?

Presenting **more** information means:

3. The hub has the flexibility to add more information that is forthcoming:
  - Resolved cases

*Here is what the Data Hub looks  
Like today...*

☰ 🔍 Sign In

 **Alaska Department of Health and Social Services Coronavirus Response**  

[Alaska DHSS COVID-19 Overview](#) [CDC COVID-19 Overview](#) [CDC COVID-19 Home Page](#) [WHO Situation Reports](#)

# Alaska Coronavirus Response Hub

*Last updated April 2, 2020, 11:30 AM AKDT*  
*Updates will occur at approximately 12:00 PM AKDT daily*

**COVID-19** is the infectious disease caused by the novel coronavirus. This new virus and disease were unknown to the population before the outbreak began in Wuhan, China, in December 2019.  
This page provides information, maps and resources about the coronavirus response in our local area.



[Click here to access raw data.](#)

# COVID-19 Data Hub



[Click here to access raw data.](#)

### Geographical Distribution of Confirmed Cases

Region	Borough/Census Area	City	Cases	Travel Cases	Local Cases	
Anchorage	Anchorage Municipality	Anchorage	64	24	21	
		Other†	9	7	1	
		<b>Total</b>	<b>73</b>	<b>31</b>	<b>22</b>	
Gulf Coast	Kenai Peninsula Borough	Homer	2	2	0	
		Kenai	1	0	0	
		Seward	2	1	0	
		Soldotna	3	1	1	
		Sterling	2	0	2	
		<b>Total</b>	<b>10</b>	<b>4</b>	<b>3</b>	
Interior	Fairbanks North Star Borough	Eielson Air Force Base	1	0	0	
		Fairbanks	32	6	20	
		North Pole	9	3	5	
		<b>Total</b>	<b>42</b>	<b>9</b>	<b>25</b>	
	Southeast Fairbanks Census Area	Delta Junction	1	0	0	
		<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	
	Yukon-Koyukuk Census Area		Other†	1	0	0
			<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>
Matanuska-Susitna	Matanuska-Susitna Borough	Palmer	3	1	1	
		Wasilla	1	0	0	
		<b>Total</b>	<b>4</b>	<b>1</b>	<b>1</b>	
Southeast	Juneau City and Borough	Juneau	11	1	7	
		<b>Total</b>	<b>11</b>	<b>1</b>	<b>7</b>	
	Ketchikan Gateway Borough	Ketchikan	14	2	11	
		<b>Total</b>	<b>14</b>	<b>2</b>	<b>11</b>	
	Petersburg Borough	Petersburg	1	1	0	
		<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	
<b>Grand Total</b>			<b>157</b>	<b>49</b>	<b>69</b>	

Footnotes:

† Cities with fewer than 1,000 residents are combined, and presented in aggregate within the county total.

Source:

Alaska Department of Health and Social Services.

Last updated on 04/03/2020.

# Data Table by Community



Search

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# Alaska Department of Health and Social Services Coronavirus Response



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All

Data

Documents

Apps & Maps

Filters

Reset

1 - 6 of 6 results

Relevance ▾

Content Type



Table

Dashboard

Last Updated



Data

## COVID Cases public

Alaska Department of Health and Social Services | chris.marsh\_Alaska\_DHSS

Type: Table

Last Updated: April 2, 2020

Rows: 157

Tags: COVID-19

Data

## AgeGroupPercentTotal

Alaska Department of Health and Social Services | chris.marsh\_Alaska\_DHSS

Type: Table

Last Updated: April 2, 2020

Rows: 9

Tags: COVID-19

Data

## COVID Tests

Alaska Department of Health and Social Services | chris.marsh\_Alaska\_DHSS

Type: Table

Last Updated: April 3, 2020

Rows: 32

Tags: COVID-19

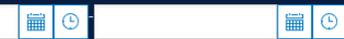
# Downloadable Data



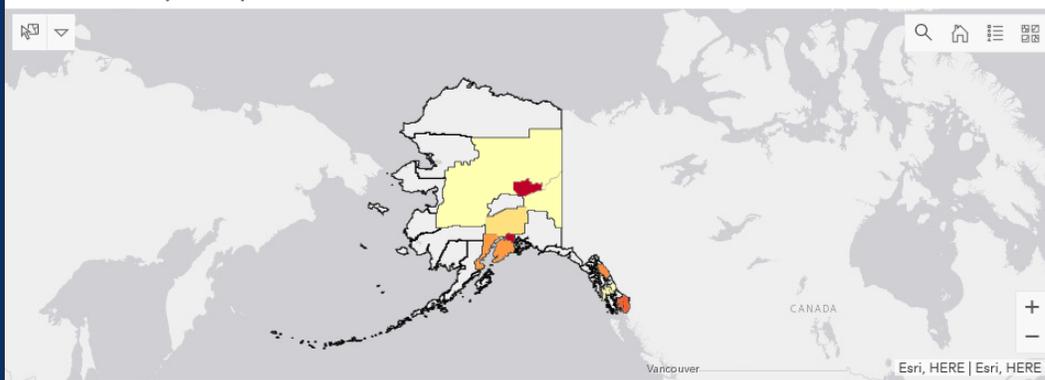
### AK COVID-19 Dashboard

All data are updated daily at noon and are current through the previous day

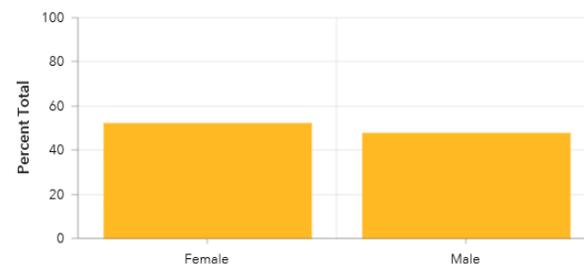
Statewide Pick a Date Range to Filter Records



#### AK COVID-19 Cases by Residency\*



#### Total Statewide Cases by Gender



Percent by Gender Percent by Age Group

#### New Cases

♥ 11

As of Yesterday

#### Total Cases

♥ 157

Cumulative (includes recovered cases)

#### Total Hospitalizations

🏥 15

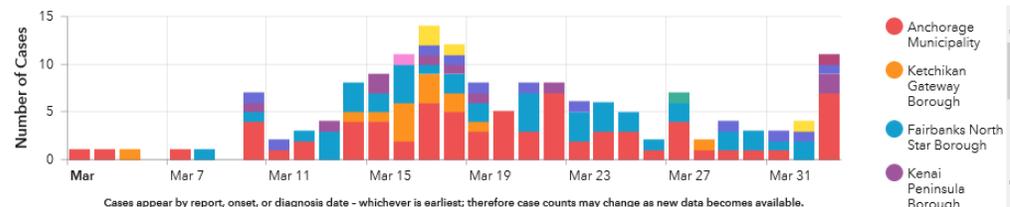
Cumulative (does not reflect current stays)

#### Deaths

⚠️ 3

Statewide Totals

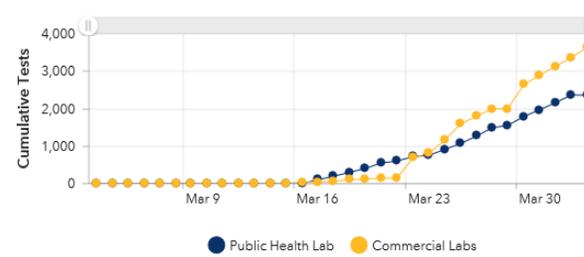
#### Laboratory Confirmed Cases of COVID-19, Alaska



Cases appear by report, onset, or diagnosis date - whichever is earliest; therefore case counts may change as new data becomes available.

Borough/Census Area Economic Region Acquisition of Disease

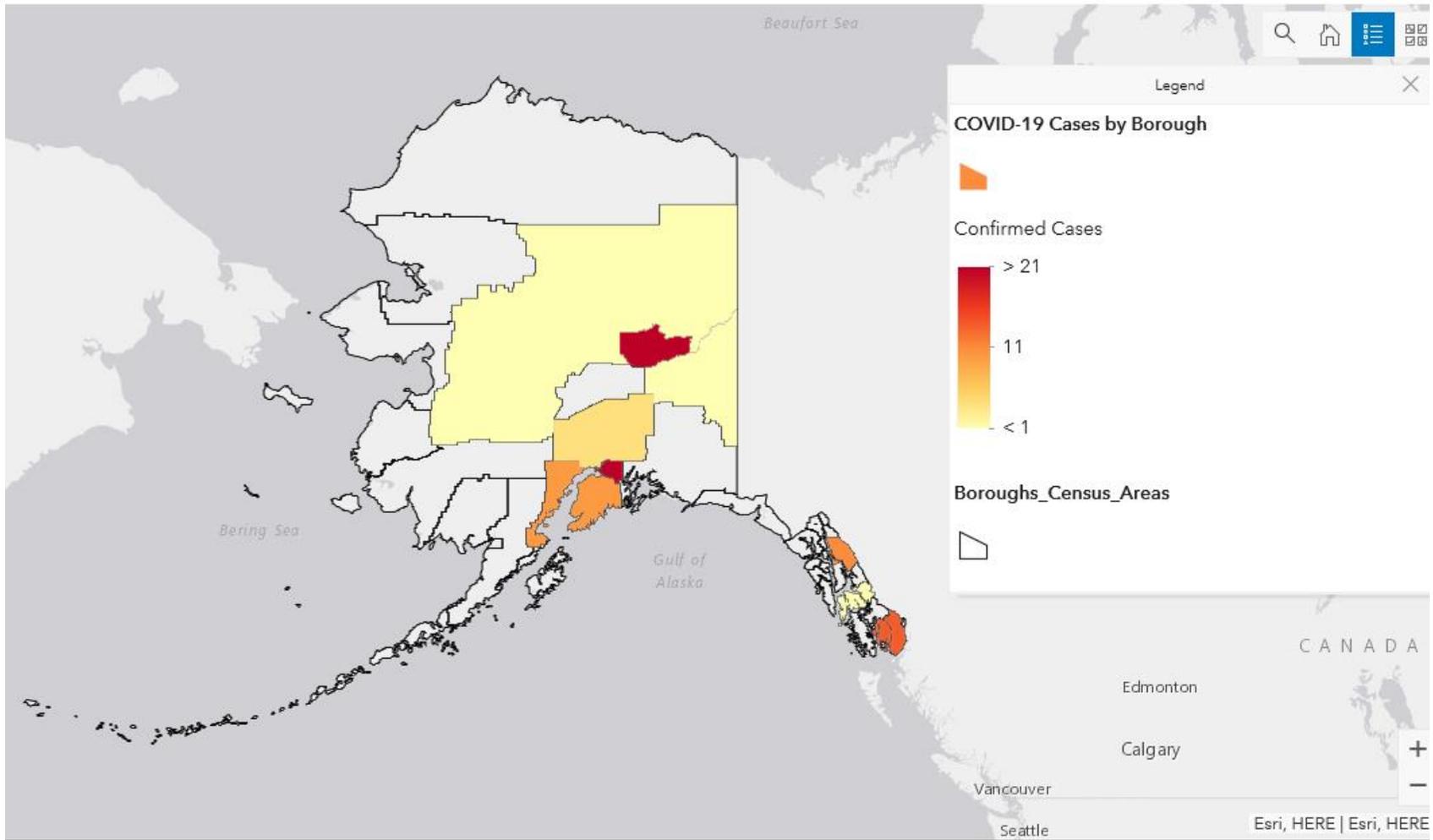
#### Cumulative Tests by Day (Public Health and Commercial Labs)



Cumulative Tests Tests by Day Cumulative Total Daily Total

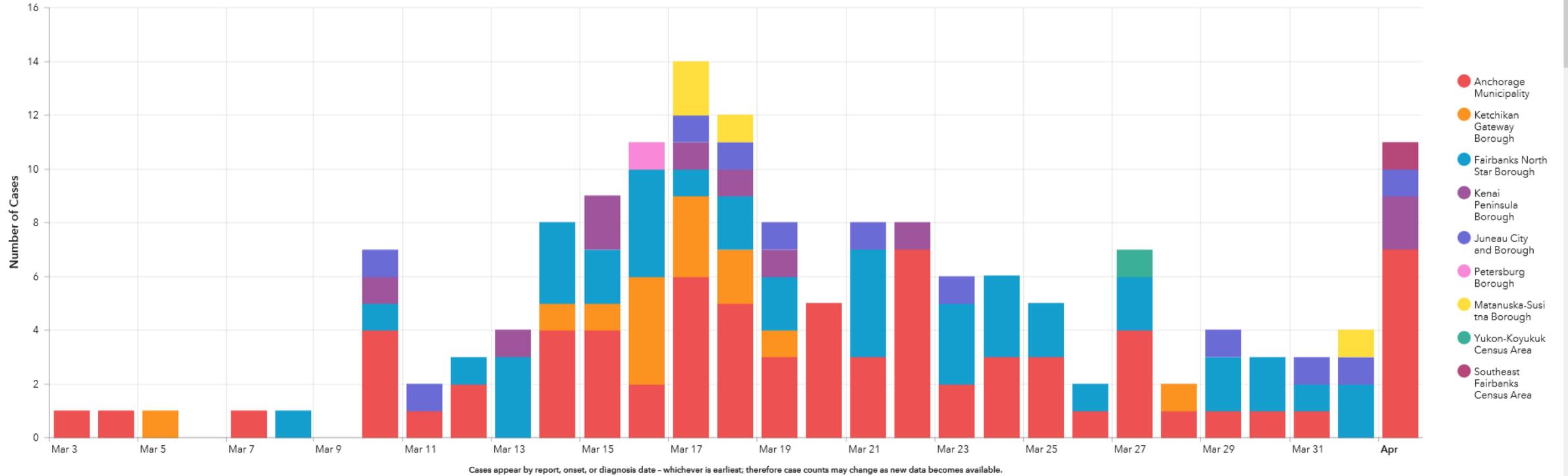
\*Cases depicted in the map above represent residency of the infected person, and may not reflect where the person was located when tested positive. For example, the case shown in Petersburg Borough represents an individual who had residency status in

# Dashboard



## State COVID Cases

## Laboratory Confirmed Cases of COVID-19, Alaska

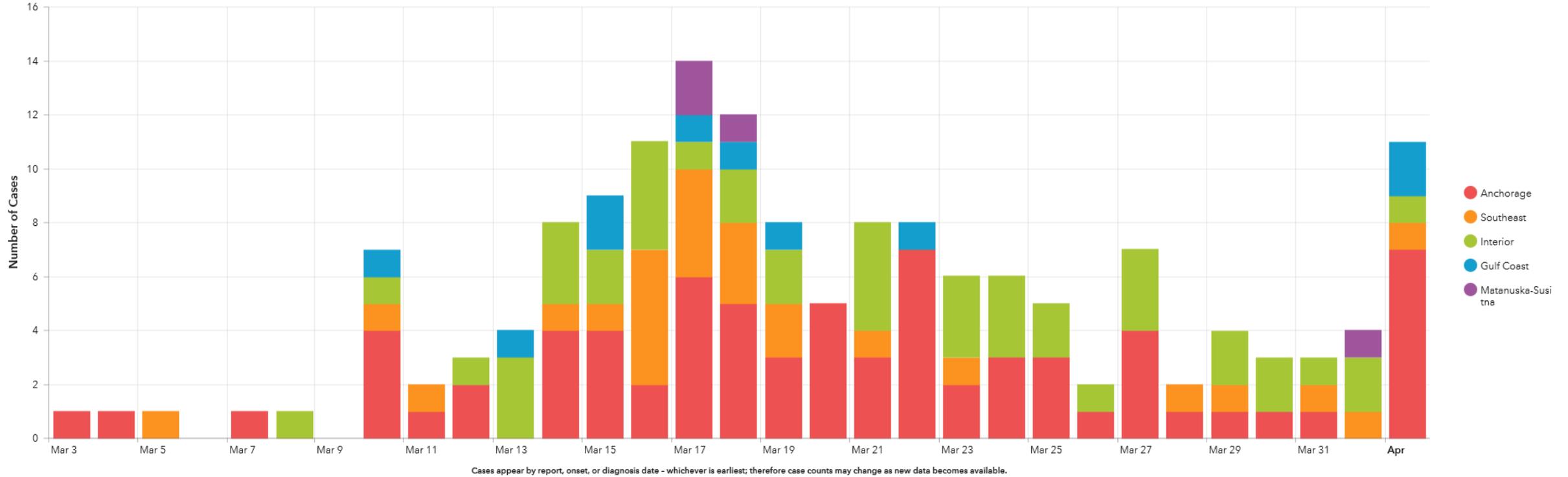


Borough/Census Area Economic Region Acquisition of Disease

# By Date and Borough/Census Area

\*If onset date was missing, report or diagnosis date is used

## Laboratory Confirmed Cases of COVID-19, Alaska



Cases appear by report, onset, or diagnosis date - whichever is earliest; therefore case counts may change as new data becomes available.

Borough/Census Area

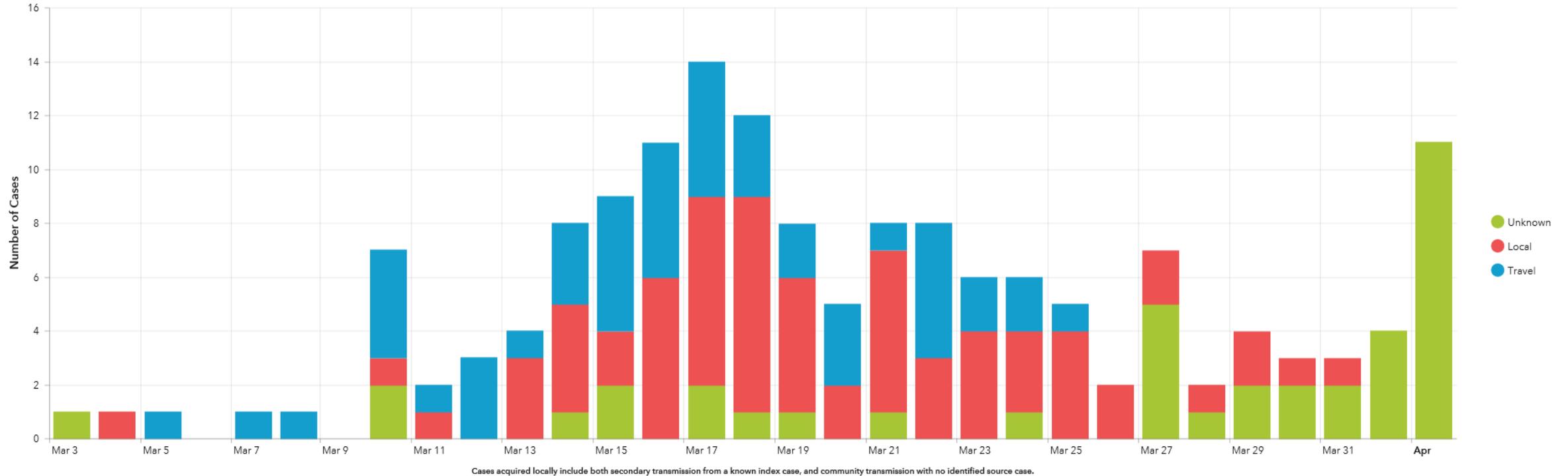
Economic Region

Acquisition of Disease

# By Date and Economic Region

\*If onset date was missing, report or diagnosis date is used

## Acquisition of COVID-19, Alaska



Borough/Census Area

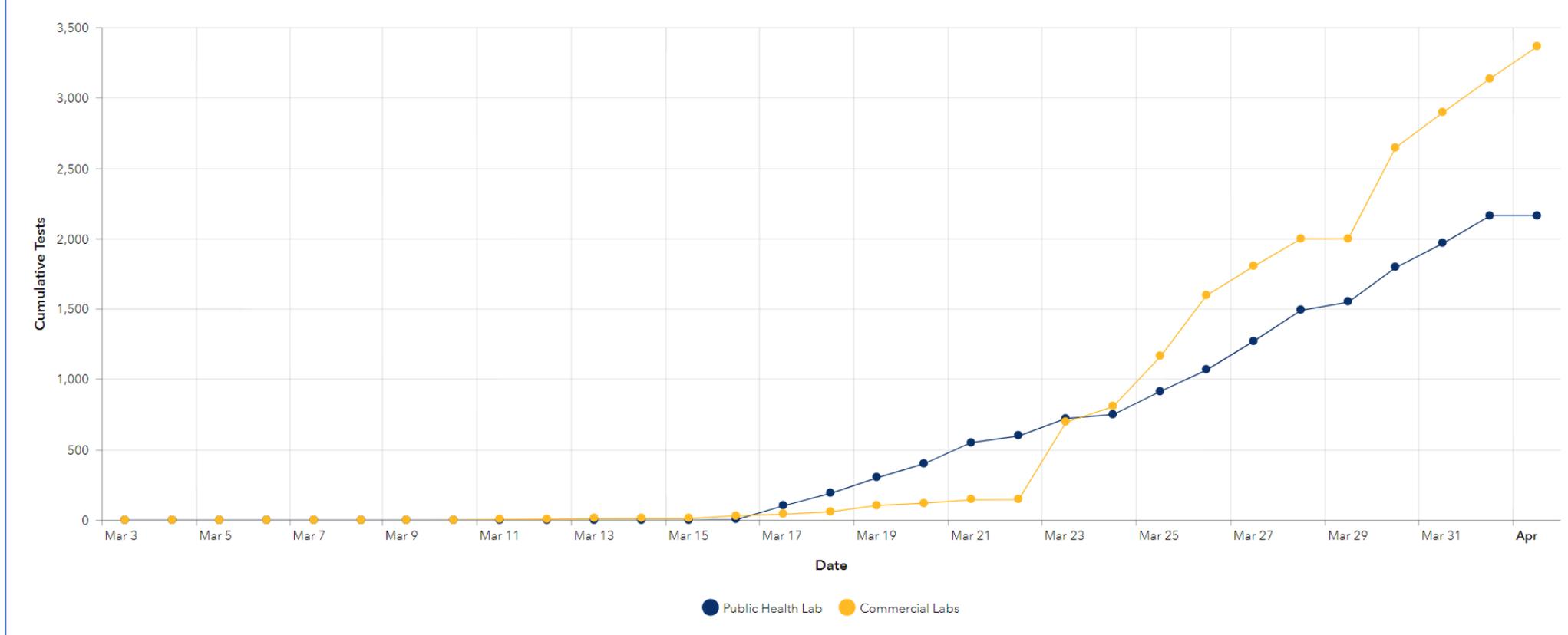
Economic Region

Acquisition of Disease

# By Date and Mode of Transmission

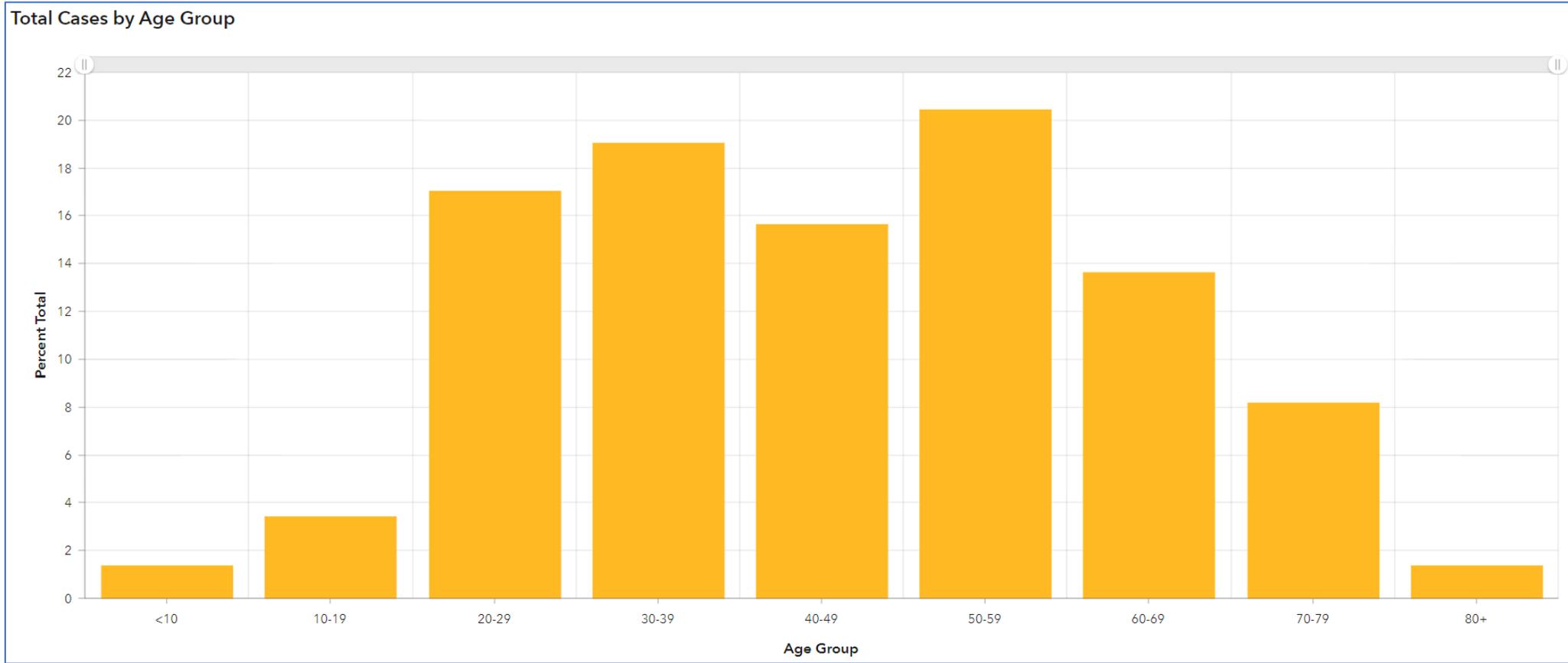
\*If onset date was missing, report or diagnosis date is used

Cumulative Tests by Day (Public Health and Commercial Labs)



# Cumulative Testing

\*And graphs by total tests and per day (not shown here)



# Cases by Age Group

**\*And by Gender (not shown here)**

# We are continuing to build the data hub

Work in progress:

- Improve usability on smart phone devices
- Calculating and displaying resolved cases
- Story map of Testing by geographical area
- Dashboard on Bed/Testing/Equipment capacity

# Thank you for your feedback

We have received feedback on the dashboard and are working as quickly as possible to address people's concerns.

Thank you for your patience!