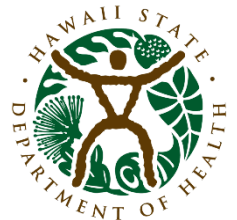




# State of Hawai'i

## Weekly COVID-19 Cluster Report

### May 6, 2021



#### Key Updates: Kaua'i May 6, 2021

Beginning on April 19 Kaua'i experienced a surge in COVID-19 cases. By April 29, Kaua'i went from the lowest to the highest 7-day average new cases per 100,000 population of any county in the state, at 10.5 per 100,000. Investigation of this surge reveals substantial changes in county disease patterns, three large exposure events, and four disease clusters.

**Disease patterns/variants:** Since mid-December 2020 (2 weeks after opting out of Safe Travels), Kaua'i County had experienced almost exclusively travel-related cases (travelers and close contacts of confirmed cases who traveled), with no sustained community transmission and no disease clusters. On April 5, 2021 Kauai re-joined Safe Travels, allowing unrestricted trans-pacific travel with a single pre-travel test. Beginning on April 19 Kauai experienced a change in disease patterns. Since April 5, 91 cases have been confirmed in Kaua'i County (as of May 2, 2021), of which 3 are visitors and 88 are Kauai residents. Eighty percent (73) were community-acquired. The B.1.429 and B.1.1.7 variants were detected on Kauai in travel-related cases, prior to April 5.

**Sites of exposure/transmission:** Locations of possible infection and exposure are geographically distributed across the island. Some of the settings where cases have been identified include food service establishments, state and county government offices, construction companies, correctional facility, public and private schools (pre-K through HS) and school buses, a church, retail establishments, postal service offices, auto dealerships, visitor industry companies, halau, cheer-leading group, a non-profit shelter, and more. However, with the few exceptions noted below, there were not more than 1 or 2 cases associated with each setting, and positive household contacts were frequently identified as a more likely source of transmission. Hence, these cases are not counted as clusters.

**Large exposure events:** Three performance events—two at a local hotel restaurant and one at a stadium—were attended by confirmed cases during their infectious periods. Although these events were planned in accordance with State and County guidelines, attendee reports and social media posts indicate significant unmasked close contact among participants. These events were therefore considered high risk for disease transmission and dates and locations were publicly announced.

**Clusters:** Two individual bar/restaurant establishments each had >10 cases among patrons and staff, with multiple overlapping dates of potential exposure and infection among cases over a nearly two-week period from April 16 to 29, including many who spent time at both locations. In addition, many of those who spent time at these locations socialized together outside of these locations. Spread to household contacts occurred from these cases to at least 4 other individuals. These clusters were publicly announced in order to inform at-risk patrons of potential exposure.

**Age distribution/school impact:** Of the 91 cases, 28 were children under the age of 18. Many of these children attended school in-person at least part-time, and several rode school-buses to and from school. More than 100 school-related close contacts have been identified, quarantined, and offered testing. Despite these large numbers, no cases of school-related transmission have been identified. The source of infection for these young people was primarily household transmission from adults exposed in community settings as above. Nine of the child cases were travel-related. Kaua'i's experience mirrors that of the state and nation, that in-person learning poses low risk of disease transmission, when schools follow guidelines developed in coordination with DOH.

## Introduction to the State of Hawai'i Weekly COVID-19 Cluster Report

A disease cluster refers to multiple cases of a disease occurring at one time, in one geographic location, or among people with the same or similar shared exposures. Public health officials investigate and study disease clusters because they can provide important information about how diseases are transmitted between individuals and among groups of people; information which can then be used to identify risk factors, inform official recommendations, design interventions, and implement policies to prevent, mitigate, and stop the spread of that disease in communities.

In Hawai'i, COVID-19 clusters associated with community events, social gatherings, workplaces, and other settings have helped public health officials understand the specific settings where disease transmission is most likely to occur. As our state looks to modify current restrictions on businesses and activities implemented in response to the global COVID-19 pandemic, the Hawai'i State Department of Health is prioritizing not only investigating and analyzing local COVID-19 clusters, but also sharing current cluster information and disseminating key lessons learned to date.

It is important to note that most COVID-19 cases cannot be linked to a specific setting or cluster. Therefore, the total number of cases identified as associated with COVID-19 clusters in Hawai'i will be significantly lower than the overall total number of cases of COVID-19 identified within the State of Hawai'i. The tables below summarize COVID-19 clusters that have been identified through statewide case investigation and contact tracing efforts and are actively under investigation within the State of Hawai'i during the specified reporting week. The same cluster may be included in multiple reports from week to week if a new case has been identified within 14 days of the date the report was finalized.

## Definitions for Terms Used in this Report

Because this weekly report focuses on clusters associated with non-household exposures, the definition of a **COVID-19 cluster** employed within this report is as follows:

**Three (3)** or more confirmed or probable cases of SARS-CoV-2 (the virus that causes COVID-19) linked to a particular site or event within one incubation period (14 days) *as long as those cases do not have outside exposure to each other* (i.e. they are not household members or close contacts outside the selected location).

**\*\*** This definition has been updated from two (2) or more confirmed or probable cases of SARS-CoV-2 to **three (3)** or more confirmed or probable cases of SARS-CoV-2 effective January 1, 2021. This change was made to reduce "noise" related to sporadic cases that may occur in the same setting, especially when community case rates are high, and is reflected in the county-specific tables beginning with the January 21, 2021 report. **\*\***

**Note:** Identifying cases as part of a cluster does not necessarily imply that transmission has occurred in the site or at the event associated with the cluster.

Additional definitions for terms used within this report are outlined below.

<b>Case</b>	Both confirmed and probable cases of SARS-CoV-2 (the virus that causes COVID-19), including deaths.
<b>Confirmed case</b>	A case with confirmatory laboratory evidence.
<b>Probable case</b>	Refers to a case: <ul style="list-style-type: none"> <li>• Meeting clinical criteria AND epidemiologic linkage with no confirmatory laboratory testing performed for SARS-CoV-2</li> <li style="text-align: center;"><b>OR</b></li> <li>• Meeting presumptive laboratory evidence</li> <li style="text-align: center;"><b>OR</b></li> <li>• Meeting vital records criteria with no confirmatory laboratory evidence for SARS-CoV-2.</li> </ul>
<b>Cases associated with the primary setting</b>	Refers to cases linked to a COVID-19 cluster that were directly exposed to the primary site or event.
<b>Linked cases outside the primary setting</b>	Refers to cases linked to a COVID-19 cluster that were NOT directly exposed to the primary site or event (for example, cases among household contacts of any cases associated with the primary setting).

## Exposure Setting Categories

Exposure Setting Category <sup>a</sup>	Specific Settings Included in Category <sup>b</sup>
<i>Congregate Settings</i>	
<b>Correctional Facilities</b>	Jails, prisons, detention centers, correctional treatment centers / “sober living” centers, transitional correctional facilities or homes / “halfway houses”
<b>Educational Settings</b>	Preschools, K-12, and institutes of higher education, school-based athletics, after school programs
<b>Shelters</b>	Facilities providing short or long-term sheltering services for individuals and groups without access to permanent housing due to homelessness, disaster, emergency, violence, or other circumstances
<i>Food Service, Production, and Distribution</i>	
<b>Bars &amp; Nightclubs</b>	Establishments that are principally engaged in the business of selling alcoholic beverages for onsite consumption
<b>Food Suppliers</b>	Grocery stores, other food distributors, manufacturers, warehouses, processors, farms, food pantries
<b>Restaurants</b>	Food service establishments offering either dine-in or take-out services, cafeterias, banquet facilities / private event facilities / private reception venues where food is served
<i>Occupational Settings</i>	
<b>Construction &amp; Industrial</b>	Construction and industrial settings, including residential and non-residential construction sites, landscaping companies, shipyards, non-food manufacturers, industrial warehouses, and related sales and distribution centers
<b>Other Occupational Settings</b>	Offices, retail establishments, first responders
<b>Travel, Lodging, &amp; Tourism</b>	Domestic / international / interisland travel, lodging, cruise ships, other tourism
<i>Social and Recreational Activities</i>	
<b>Social Gatherings</b>	Parties, group gatherings, weddings, funerals, other social functions
<b>Places of Worship</b>	Religious services and other events / activities at places of worship
<p><sup>a</sup> COVID-19 clusters in long term care and other healthcare settings are summarized in the <i>State of Hawai'i Weekly COVID-19 Clusters in Healthcare Settings Report</i>. Additionally, a long-term care table is included in the <i>Disease Outbreak Control Division COVID-19 Operations Report</i> weekly on Wednesdays.</p> <p><sup>b</sup> Specific settings included in the reference table may not be exhaustive for the category.</p>	

## COVID-19 Cluster Tables

### City & County of Honolulu

#### COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting

May 6, 2021

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>				
<i>Correctional Facilities</i>	0	0	0	0
<b>Educational Settings</b>	<b>1</b>	<b>12</b>	<b>7</b>	<b>5</b>
<i>Shelters</i>	0	0	0	0
<i>Food Service, Production, and Distribution</i>				
<i>Bars &amp; Nightclubs</i>	0	0	0	0
<b>Food Suppliers</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Restaurants</b>	<b>3</b>	<b>50</b>	<b>18</b>	<b>32</b>
<i>Occupational Settings</i>				
<b>Construction &amp; Industrial</b>	<b>1</b>	<b>13</b>	<b>6</b>	<b>7</b>
<b>Other Occupational Settings</b>	<b>3</b>	<b>44</b>	<b>25</b>	<b>19</b>
<i>Travel, Lodging, &amp; Tourism</i>	0	0	0	0
<i>Social and Recreational Activities</i>				
<b>Social Gatherings</b>	<b>1</b>	<b>8</b>	<b>8</b>	<b>0</b>
<i>Places of Worship</i>	0	0	0	0
<i>Gyms</i>	0	0	0	0
<i>Other</i>				
<b>Other:</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>0</b>

**Maui County****COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting**

May 6, 2021

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>				
<i>Correctional Facilities</i>	0	0	0	0
<b>Educational Settings</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>0</b>
<i>Shelters</i>	0	0	0	0
<i>Food Service, Production, and Distribution</i>				
<i>Bars &amp; Nightclubs</i>	0	0	0	0
<b>Food Suppliers</b>	<b>1</b>	<b>22</b>	<b>18</b>	<b>4</b>
<b>Restaurants</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>1</b>
<i>Occupational Settings</i>				
<i>Construction &amp; Industrial</i>	0	0	0	0
<b>Other Occupational Settings</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Travel, Lodging, &amp; Tourism</b>	<b>7</b>	<b>124</b>	<b>99</b>	<b>25</b>
<i>Social and Recreational Activities</i>				
<b>Social Gatherings</b>	<b>2</b>	<b>23</b>	<b>21</b>	<b>1</b>
<i>Places of Worship</i>	0	0	0	0
<i>Gyms</i>	0	0	0	0
<i>Other</i>				
<i>Other</i>	0	0	0	0

**Hawai'i County****– No COVID-19 Clusters Under Investigation in Last 14 Days –****Kauai County****COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting***May 6, 2021*

Exposure Category	Clusters (#)	Total Cases (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>				
<i>Correctional Facilities</i>	0	0	0	0
<i>Educational Settings</i>	0	0	0	0
<i>Shelters</i>	0	0	0	0
<i>Food Service, Production, and Distribution</i>				
<i>Bars &amp; Nightclubs</i>	0	0	0	0
<i>Food Suppliers</i>	0	0	0	0
<b>Restaurants</b>	<b>2</b>	<b>32</b>	<b>28</b>	<b>4</b>
<i>Occupational Settings</i>				
<b>Construction &amp; Industrial</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>1</b>
<b>Other Occupational Settings</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>0</b>
<i>Travel, Lodging, &amp; Tourism</i>	0	0	0	0
<i>Social and Recreational Activities</i>				
<i>Social Gatherings</i>	0	0	0	0
<i>Places of Worship</i>	0	0	0	0
<i>Gyms</i>	0	0	0	0
<i>Other</i>				
<i>Other</i>	0	0	0	0