Hawaii COVID-19 Data Analysis

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Hawaii COVID-19 Data Analysis

Transmission of the Corona virus through travel exposure is how the case of COVID-19 was introduced to the state of Hawaii. My analysis of the data will review the status of COVID-19 cases in the state and throughout each county.

# County Analysis

## Maui

Maui county currently has the second highest number of cases in the state, which include six COVID-19 related deaths. By the looks of the data, I would say that the numbers have had a significant increase in the month of April with 14 new cases due to the COVID-19 cluster of Maui Memorial Hospital employees contracting the virus. As of April 17th, the cluster had increased to 27 staff members, causing 42 positive cases related to the Maui Memorial cluster (Richardson, 2020). On another note, increases could have been increased as testing had become more readily available. The number of cases requiring hospitalization has been 17. Out of the 6,298 people in Maui county who were tested for COVID-19, only 1.7% have returned with positive test results.

## Hawaii

Hawaii county has the third largest number of cases, one case requiring hospitalization, and fortunately, no COVID-19 related deaths. Out of the 4,435 people in Hawaii county who were tested for COVID-19, only 1.6% have returned with positive test results.

## Kauai

Kauai county has the least amount of cases in the state. According to the data, the increase in cases have occurred from March 14th to April 12th. Currently, they have not had any increase in cases for the past 21 days. Nor have they had any deaths. Out of the 1,578 people in Kauai county who were tested for COVID-19, only 1.2% have returned with positive test results.

## Honolulu

Honolulu county currently has the highest amount of COVID-19 cases. In addition to 11 COVID-19 related deaths in the state. There was a significant increase in cases during the period of March 26th to April 8th, which resulted in the 251 new cases. The largest increase occurred with 31 new cases on April 3rd. Out of the 17,289 people in Honolulu county who were tested for COVID-19, 2.2% have returned with positive test results.

# State Analysis

According to the data, exposure to the virus from travel was a large majority of the cases for the state until travel restrictions were set in place. Overall, I would say that the stay-at-home order and the quarantine (imposed as of March 21th, 2020) by Governor Ige has helped flatten the curve for the state of Hawaii. It is worth mentioning that increases could have been affected if occurring over the weekend due to test result processing, which could be up to 3 to 4 days. In addition, many of the cases occur around heavily populated areas and those that are close to airport locations. The percentage of required hospitalization has been in older age groups.

References

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