**COVID Rulings Impacting Hawaii Tourism**

This data is extracted, by manual review, of all COVID related proclamations signed into law by Hawaii State Governor Ige prior to the start of this study on 10/12/21.

‘Rules’ Schema:

* UID
* Date of Proclamation (when signed)
* Short Description (such as Beach Closing, Rental Car, Short Term Rental, Test Bypass Quarantine, Vaccine Bypass Quarantine, Stay at Home Order)
* Long Description (excerpt from proclamation w/detailed wording of the rule)
* Type (Restrictive vs Loosening… added ‘Clarifying’ if a Rule has essentially not changed from what was written before)
* Start Date
* End Date
* Enforcement Level (Encouraged, Mandated, or in the format maxfine/maxyrs in prison if mandated w/penalty)
* Counties: For interpretability, because the counties in Hawaii also correspond to individual islands, I will use the island names instead when it differs. Because one of the islands and counties is named ‘Hawaii’ even though it does not encompass all of the Hawaiian Islands, this can be confusing when reading charts/graphs. For purposes here, I will use the common name for this county and island with is The Big Island.
  + Hawaii (Big Island)
  + Honolulu (Oahu)
  + Kalawao (Molokai)
  + Kauai
  + Maui

Data Extraction Notes:

* The data extracted into this format will be limited only to rules that are either specific to tourists or rules that are specific to residents, but also apply to tourists.
* The data extracted is limited to state-wide restrictions (not county specific)
* For rules without a stated start date in the proclamation, it is assumed that the start date is the same as the date for which the proclamation was signed.
* For rules that were initially stated without an end date and then restated in multiple proclamations without lifting in between, only the first proclamation is listed.
* For consistency in the extracted data, start dates assume 12:01am on the date listed, and end dates assume 11:59pm on the date listed so that all dates are fully inclusive. Some proclamations have been inconsistent by listing an end date w/12:01am time. In these cases, the date was adjusted one day back (essentially 2 minutes earlier.
* Rules regarding face coverings and 6 ft social distancing have been excluded since these rules were common at the time and not unique to Hawaii. The assumption here is that because these rules were common across the US and worldwide, these rules would not be a deciding factor in selection of a destination to visit.

Rules:

* Add back in first proclamation regarding closing of businesses (except for essential services) since this does effect tourism and not just businesses.
* What about restrictions on international flights into the US? This needs to at least be part of the backdrop.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **uid** | **proc\_id** | **proc\_dt** | **short\_desc** | **long\_desc** | **type** | **start\_dt** | **end\_dt** | **enf\_level\_andnotes** | **oahu** | **bi** | **maui** | **kauai** | **molokai** |
|  | 02 | 03-21-20 | State Entry 14 Day Quarantine | Pursuant to section 127A-13(a)(1), HRS, all persons entering the State of Hawaiʻi shall be subject to mandatory self-quarantine, except those persons performing emergency response or critical infrastructure functions who have been exempted by the Director of Emergency Management. The period of self-quarantine shall begin from the time of entry into the State of Hawaiʻi and shall last 14 days or the duration of the person’s presence in the State of Hawaiʻi, whichever is shorter. This selfquarantine mandate shall take effect on March 26, 2020 at 12:01 am. | R | 03-26-20 | 12-16-20 | 5000/1 | Y | Y | Y | Y | Y |
|  | 03 | 03-23-20 | Stay At Home Order | Permitted Activities Outside the Home or Place of Residence:  This order shall not apply to the following activities outside a person’s home or place of residence: 1. Travel for health and safety; 2. Travel to engage in, receive or obtain goods or services from the essential businesses or operations identified herein; 3. Travel to engage in minimum basic operations of non-essential businesses, including the minimum necessary activities to maintain the value of the business’s inventory, ensure security, process payroll and employee benefits, and related functions as well as the minimum necessary activities to facilitate employees of the business being able to continue to work remotely from their residences; 4. Travel to care for elderly, minors, dependents, persons with disabilities, or other high risk persons; 5. Travel from a person’s home or place of residence to the nearest airport or other facility for departure from the State; 6. Travel required by law enforcement or court order, including to transport children pursuant to a custody agreement; 7. Outdoor exercise activities, including ocean activities such as surfing and swimming, so long as social distancing requirements are maintained; 8. Walking pets on a leash. | R | 03-25-20 | 04-30-20 | 5000/1 | Y | Y | Y | Y | Y |
|  | 04 | 03-31-20 | Inter-Island 14 Day Quarantine | Pursuant to section 127A-13(a)(1), HRS, all persons traveling between any of the islands in the State of Hawai‘i shall be subject to mandatory self-quarantine. The period of self-quarantine shall begin from the date of entry onto the island and shall last 14 days. This self-quarantine mandate shall take effect on April 1, 2020 at 12:01 am. | R | 04-01-20 | 06-15-20 | 5000/1  (end date given in proclamation 9) | Y | Y | Y | Y | Y |
|  | 05 | 04-16-20 | All Beaches Closed | All state beaches in Hawaiʻi are hereby closed. No person shall sit, stand, lie down, lounge, sunbathe, or loiter on any state beach or sand bar in Hawaiʻi, except when transiting across or through beaches to access the ocean waters for outdoor exercise purposes, such as surfing, solo paddling, and swimming, so long as physical distancing requirements are maintained. | R | 04-17-20 |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 05 | 04-16-20 | Boating Restrictions | No more than two persons are allowed in any boat on Hawaiʻi’s waters for recreational purposes unless they are part of a single residential or family unit sharing the same address. Both persons in the boat shall comply as reasonably possible with the social distancing requirements unless they are part of a single residential or family unit sharing the same address. All boats shall maintain a distance of 20 feet from other boats. | R | 04-17-20 |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 05 | 04-16-20 | Hiking Restrictions | No group of more than two persons is allowed to hike on state trails, unless all hikers in the group are part of a single residential or family unit sharing the same address. All persons hiking, who are not part of a single residential or family unit sharing the same address, shall maintain a distance of at least 20 feet from any other hiker. | R | 04-17-20 |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 05 | 04-16-20 | Fishing and Gathering Restrictions | No group of two or more persons may engage in fishing and gathering in state waters or on state land, unless all in the group are part of a single residential or family unit sharing the same address. | R | 04-17-20 |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 06 | 04-25-20 | Stay At Home Order Extended |  | R | 04-26-20 | 05-31-20 | 5000/1 | Y | Y | Y | Y | Y |
|  | 06 | 04-25-20 | Gatherings Limited to No More than 10 People | Pursuant to current guidance from the Centers for Disease Control and Prevention (CDC), any gathering of more than ten people is prohibited unless exempted by this Proclamation. Members of a single residential or family unit sharing the same address are not prohibited from gathering. | R | 04-26-20 | 05-31-20 | 5000/1 | Y | Y | Y | Y | Y |
|  | 07 | 05-05-20 | All Beaches Closed | Exception allows for:  running, jogging, or walking on the beach, so long as social distancing requirements are maintained. | C or L? |  |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 07 | 05-05-20 | Shore Fishing Limitations  (clarifying to Fishing and Gathering Restrictions) | No group of more than two persons may engage in shore fishing, unless all in the group are part of a single residential or family unit sharing the same address. All persons engaging in shore fishing, who are not part of a single residential or family unit sharing the same address, shall comply with social distancing requirements. | C |  |  | 5000/1 | Y | Y | Y | Y | Y |
|  | 07 | 05-05-20 | Re-Opening of Retail & Repair Services (including in Mall) | 6. Retail & Repair Services, such as apparel, florists, watch repair, surfboard repair (fitting rooms must remain closed). 7. Shopping Malls, limited to retail and repair services. The following shall remain closed: Food-court dining areas (except for delivery or take-out) Play areas Entertainment areas Common areas (except to access and depart from a retail business) Arcades & game rooms | L | 05-07-20 |  | (May 15th in exhibit G… sounds like Oahu (Honolulu County) re-opening may be May 15th?)  From Exhibit G:  C. Specific County Requirements: 1. Honolulu City and County - Please see Second Amended and Restated Stay at Home/Work from Home Order dated May 6, 2020, Exhibit A for additional designations and/or restrictions for: a. Real estate services; b. New and used car and truck dealerships; c. Automated service providers; d. Mobile service providers; e. Educational services provided on a one-to-one basis; and f. Retail businesses, particularly the May 15, 2020 reopening date 2. Maui County will not allow the following businesses and operations to reopen: a. Retail; b. Repair shops, except for automobile and appliance repair shops; and c. Malls. | Y | Y | N | Y | Y |
|  | 08 | 05-18-20 | Prohibition on Renting Vehicles & Car Sharing Platforms | Unless an exemption is granted, persons subject to self-quarantine pursuant to Section IV of this Proclamation are prohibited from renting vehicles in the State, whether through a rental car company, online service, or through a peer-to-peer car rental platform or car sharing service including but not limited to Turo and Zipcar. Any reservations or confirmation of reservations by a person subject to self-quarantine shall be presumed to be a renting of a vehicle in violation of this order. |  | 05-18-20 |  | (originally, not separated out) | Y | Y | Y | Y | Y |
|  | 09 | 06-10-20 | Host Responsibility | All hosts of any guest or guests within the State of Hawai‘i shall be responsible for ensuring their guest or guests abide by the mandatory selfquarantine set forth in Sections A and B above. Any host violates this section if the host intentionally, knowingly, or recklessly fails to notify law enforcement immediately when a guest or guests subject to the self-quarantine fails to enter or remain within the confines of their designated quarantine location. It shall be the duty of all hosts to ascertain the period of self-quarantine for their guest or guests and to determine whether or not their guest or guests remain confined to their designated quarantine location throughout the period of self-quarantine. It shall not be a defense to a violation of this section that the host did not know the period of self-quarantine for their guest or guests, that they did not know that their guest or guests were subject to the mandatory selfquarantine, or that they did not know that their guest or guests had failed to enter or remain within the confines of the designated quarantine location. For purposes of this section, the following definitions apply: “Designated quarantine location” means any hotel, motel, house, townhouse, condominium, or apartment in the State of Hawai‘i, that will be occupied, with the permission of the owner, renter, lessor, or manager of the accommodations, by persons entering the State of Hawai‘i during their period of quarantine and that is designated as such by these persons. In the case of hotels, motels, townhouses, condominiums, and apartments, “designated quarantine location” refers to the person’s individual room or unit. “Hosts” means any individual, partnership, corporation, company, association, or any other person, group, or entity, who is the owner, renter, or lessor of any designated quarantine location. “Guest or guests” means any person or persons subject to mandatory selfquarantine who are renting, leasing, or otherwise occupying any designated quarantine location from a host during the period of self-quarantine. “Period of self-quarantine” means the period of time beginning when a person first enters the State of Hawai‘i and continuing for 14 days thereafter or the duration of the person’s presence in the State, whichever is shorter. | R | 06-10-20 |  | Check start date | Y | Y | Y | Y | Y |
|  | 10 | 07-17-20 | Short-Term Rental Restriction | Persons who require paid or commercial lodging while subject to the mandatory self-quarantine shall not designate as their quarantine location a short-term rental, as defined by the applicable ordinances in each county. Where a county rule, directive or order prohibits intended residents from residing in a short-term rental, as defined by the applicable county ordinances, all intended residents of that county must designate a hotel or motel as their quarantine location. | R | 07-17-20 |  |  |  |  |  |  |  |
|  | 11 | 08-06-20 | Inter-Island 14 Day Quarantine (Second) | Pursuant to section 127A-13(a)(1), HRS, and section 127A-12(b)(19), HRS, all persons traveling to the Islands of Kaua‘i, Hawai‘i, and the Islands comprising the Counties of Maui and Kalawao, in the State of Hawai‘i shall be subject to mandatory self-quarantine. The period of self-quarantine shall begin from the date of entry onto the Island and shall last 14 days or the duration of the person’s presence on the Island, whichever is shorter. All travelers must comply with all applicable State and county rules, directives, and orders related to travelers, including those mandating the verification of data upon arrival at the airport and the completion of any and all documents. This self-quarantine mandate shall take effect on August 11, 2020 at 12:01 am. | R | 08-11-20 | 12-16-20 |  |  |  |  |  |  |
|  | 12 | 08-20-20 | Enhanced Movement Quarantine | A county may establish an Enhanced Movement Quarantine (EMQ) program through agreements with resort or hotel facilities. Travelers who enter the State as part of an EMQ program must comply with all State, county and industry safety and health standards applicable to such program and complete all mandatory documentation. The EMQ program shall be implemented through 10 of 32  county emergency orders, rules or proclamation and subject to the approval requirements of Section I of this Proclamation. A county EMQ program shall: 1. Restrict participating travelers to clearly-defined geographical areas and ensure limited contact with those not subject to selfquarantine. The geographical areas may include adjacent shoreline areas where beach access is permitted by applicable state and county authorities, provided that members of the public are given notice of the EMQ and are not prohibited from accessing the shoreline area; 2. Include safety, monitoring and enforcement measures; 3. Provide capacity for isolating any positive or suspected COVID-19 cases and provide necessary wraparound services for such persons; 4. Require participating travelers to sign waivers confirming they have voluntarily elected to participate in the EMQ; voluntarily agreed to electronic monitoring and other requirements; and voluntarily waived express privacy protections, including to health information, as necessary to accomplish the public health purpose of this Proclamation; 5. Require participating travelers to bear all costs related to their participation in the EMQ, including monitoring, isolation, care, lodging and other expenses. | L |  |  |  |  |  |  |  |  |
|  | 13 | 09-22-20 | State Entry Negative Test Exception | Pursuant to section 127A-13(a)(1), HRS, all persons entering the State of Hawai‘i shall be subject to mandatory self-quarantine as provided in the Travel Rules, except those persons entering the State (1) by recreational boats into the State’s small boat (non-commercial) harbors which have been at sea for at least 14 consecutive days before entering State waters and have no persons on board who are ill or are exhibiting symptoms of COVID-19 or (2) who, upon entry into the State, provide written confirmation from a State approved COVID-19 testing facility of a negative test result from a test administered to the traveler within 72 hours from the final leg of departure.Clarified in Proclamation 14 on 10-13-20: Persons under the age of five accompanied by a traveler who meets the negative test exception are not required to obtain a test prior to arrival.Clarification in Proclamation 15 on 11-16-20: persons who, upon entry into the State, provide written confirmation from a DOH approved COVID19 testing facility (“Trusted Testing Partner”) of a negative test result from an observed test administered to the traveler within 72 hours from the final leg of departure.Clarification in Proclamation 16 on 11-23-20: persons who, prior to departure to the State, upload into the State’s Safe Travels program or otherwise provide written hard copy confirmation from a DOH approved COVID-19 testing facility (“Trusted Testing Partner”) of a negative test result from an observed test administered to the traveler within 72 hours from the final leg of departure. | L | 10-15-20 |  |  |  |  |  |  |  |
|  | 13 | 09-22-20 | Inter-Island Negative Test Exception Option | A county may adopt a negative test exception to the Interisland Travel Quarantine, which exception shall be developed in conjunction with the State and integrated with the negative test exception process set forth in Section IV.B. A county negative test exception shall be implemented through county emergency orders, rules or proclamations subject to the approval requirements of Section I of this Proclamation.  Clarified in Proclamation 14 on 10-13-20: A county may require travelers five and older to obtain a subsequent test after arrival into the State, which test shall be paid for and administered by the county at a county-designated site. Persons who arrive into a county that requires a subsequent test do not need to self-quarantine prior to obtaining the subsequent test. A county requiring travelers to obtain this subsequent test shall integrate the test protocol with the State’s Safe Travels program and implement it through county emergency orders, rules or proclamations approved in accordance with Section I of this Proclamation. | L |  |  | (need to check county orders to see when test exceptions became active) |  |  |  |  |  |
|  | 17 | 12-16-20 | Inter-Island 10 Day Quarantine | Effective December 17, 2020, at 12:01am, the period of self-quarantine shall begin from the day of entry into the county and shall last 10 days or the duration of the person’s presence in the county, whichever is shorter.  Proclamation 21: Provides end date of 06-14-21… also makes negative test exception and vaccine exception irrelevant after this date | L | 12-17-20 | 06-14-21 |  |  |  |  |  |  |
|  | 17 | 12-16-20 | State Entry 10 Day Quarantine | Effective December 17, 2020, at 12:01am, the period of self-quarantine shall begin from the day of entry into the State and shall last 10 days or the duration of the person’s presence in the State, whichever is shorter. | L | 12-17-20 |  |  |  |  |  |  |  |
|  | 19 | 02-14-21 | Announcement that Vaccine Exception is Coming | upon the establishment of an exception by the Director of HIEMA, persons who, prior to departure to the State, upload into the State’s Safe Travels program or otherwise provide written hard copy validation that they have completed a vaccine regimen approved by DOH. This third exception is not available as of the date of this Proclamation, requires action by the Director of HIEMA and details will be posted at https://hawaiicovid19.com/. |  |  |  |  |  |  |  |  |  |
|  | 20 | 05-07-21 | Inter-Island Vaccine Exception Option | hereby authorize the Director of Emergency Management to establish an exception to the Quarantine for Travel Between Counties for persons who, prior to departure, complete a DOH-approved vaccine regimen in the State of Hawai‘i and provide validation as well as consent and authorization to access vaccination information as set forth in the State’s Safe Travels program and in accordance with the Vaccination Information Rules and Penalties attached hereto as Exhibit A. | L |  |  | (need to check county orders to see when vaccine exceptions became active)  (doesn’t apply to travelers since vaccine had to be administered in Hawaii) |  |  |  |  |  |
|  | 21 | 08-05-21 | State Entry Vaccine Exception | persons who, prior to departure to the State, comply with all the requirements of the State’s Safe Travels program regarding validating completion of a vaccination regimen approved by DOH, provide consent and authorization to access vaccination information as set forth in the Safe Travels program and otherwise comply fully with the Travel Rules. Persons under the age of five accompanied by a traveler who meets one of the enumerated exceptions are not required to obtain a test prior to arrival. To the limited extent necessary to effectuate the third exception, and only as expressly allowed by the consents and authorizations voluntarily provided as part of the Safe Travels program by persons wishing to apply for the third exception, DOH and providers of vaccinations may use and disclose protected health information as expressly allowed by the State’s Safe Travels program | L | 08-05-21 |  | Don’t see a start date here… check elsewhere to find actual start date because proclamation 19 indicates it can start anytime that the Director of HIEMA gets it ready |  |  |  |  |  |
|  | EPCR |  |  |  |  |  |  |  |  |  |  |  |  |
|  | EPCDR |  |  | EXECUTIVE ORDER NO. 21-05 (Statewide Limits for Social Gatherings, Restaurants, Bars, and Social Establishments) |  |  |  |  |  |  |  |  |  |
|  | 101 | 08-23-21 | Governor asks travelers to avoid Hawaii | Not Law – Request Only - Voluntary | R | 08-23-21 | 11-01-21 |  |  |  |  |  |  |
|  | 102 | 10-19-21 | Governor welcomes fully vaccinated travelers to come back starting in November | Not Law – Request Only - Voluntary | L | 11-01-21 |  |  |  |  |  |  |  |
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Scope of Rules:

* Highest impact to tourism.
  + Requirements for Entry
  + Lodging
  + Car Rental/Share
  + Activities (may want to document when each started re-opening w/limitations since details of limitations has fluctuated)
    - To simplify, see if I can find a history of the color codes (covid risk level – levels of ‘re-opening’). This is a way to ‘abstract’ the level of overall ‘openness’… but, might be difficult to work with… rules changing within the colors as well. And,
    - Recreation
      * Beach
      * Boating/Fishing
      * Hiking
      * Watersports
    - Culture
      * Historical Sites
      * Botanical Gardens
      * Art Museums
    - Dining
    - Nightlife
      * Bars
      * Clubs
    - Shopping
    - Entertainment
      * Sports
      * Music
      * Stage
    - Gatherings
      * Weddings
      * Funerals
      * Reunions
* Oahu (C&C of Honolulu) or All Islands (all counties) aggregated
* Is this really more than rules… maybe it starts w/Ige’s proclamations, but then Hawaii Safe Travels becomes the source for rules (most likely… primary source of information for travelers).
* Foreign vs Domestic travel… vaccine exemption is only for domestic right now… how about test exception?
* COVID cluster reports… can we use this to differentiate between community spread and traveler spread… ‘travel, lodging, & tourism’ is segmented out
  + <https://health.hawaii.gov/coronavirusdisease2019/covid-19-disease-clusters-in-hawaii/>
* This will be used for COVID Statistics: Cases By Residence Status: <https://hiema-hub.hawaii.gov/apps/2c689a448b3045ccafdf86c40a8bf37e/explore>
  + Downloaded as .csv COVIDCasesByTravelStatus
    - There appears to be duplicate data in some columns… compare and remove duplicate columns if they truly hold the exact same data
    - What to do w/Unknown/Pending… are all of these defaulted to ‘No Travel History’? These numbers can either be excluded or categorized as proportioned in known cases for the same county/island
* Article ‘Hawaii’s tourism sector’s long road to normal’: <https://www.axios.com/hawaii-tourism-coronavirus-rebound-a51409a1-bacd-4b15-bc07-444d1c9d1af6.html?utm_medium=partner&utm_source=verizon&utm_content=edit&utm_campaign=subs-partner-vmg>
* Race and COVID cases… Native Hawaiian, Pacific Islander, and Filipino show disproportionally higher number of cases by population.
  + These three racial groups tend to have more social gatherings, home parties, multi-gen housing, carpooling
  + <https://hiema-hub.hawaii.gov/apps/2c689a448b3045ccafdf86c40a8bf37e/explore>
* Did Hawaii over-react to tourism and under-react to community/lifestyle factors?
* Look for negative statistics such as unemployment, economy, etc.
* Flight data will be used for traveler counts
  + Downloaded as .csv… Hawaii Tourism Data (from DBEDT Data Warehouse)
* GitHub
  + hawaiitourismcovid19

Possibly clump together re-opening w/limitations (Loosening) vs Vaccine/Test Rqmt (Restrictive)

Entertainment, recreation, dining and fitness settings generally involve groups of unassociated people interacting and/or sharing the same air for a substantial period of time and present a higher risk of infection. Requiring vaccination for all individuals in these areas, including workers, will protect the public health, promote public safety, and save the lives of not just those vaccinated individuals but the public at large. And generally, large gatherings continue to be a concern for the Hawaii State Department of Health, meriting additional protective measures.

* “Covered entity” means any entity that operates one or more covered premises, except that it shall not include public and private K-12 schools, colleges, and universities, child care programs, hospitals, long-term care facilities, and assisted living facilities.
* “Covered premises” means
  + a. Entertainment and Recreational Settings includes the following: bowling alleys, arcades, pool/billiard halls, movie theaters, museums, other recreational game or entertainment centers, and the indoor portions of botanical gardens, aquariums, zoos, sea life attractions, commercial recreational boating, public and private commercial pools, shooting/archery ranges, and other commercial attractions (cultural attractions, go kart, mini golf);
  + b. Restaurants/Bars (as defined and used in this Order), including any establishments: offering food and/or drink for on premises consumption; businesses operating seating areas of food courts; catering food service establishments that provide food/beverages for on premises consumption; and any food service establishment that is regulated by the State of Hawaii, Department of Health offering food/beverages for on-premises consumption. The requirements of this Order 10 shall not apply to any food service establishment offering food and/or drink exclusively for off-premises consumption, or to a food service establishment providing charitable food services (shelters, soup kitchens, etc.);
  + c. Indoor “gym and fitness facility operations” and “activities and group physical activity classes” (as defined and used in this Order), including standalone and hotel gyms and fitness centers, yoga/Pilates/barre/dance studios, boxing/kickboxing gyms, fitness boot camps, indoor pools, and other similar facilities.

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| **uid** | **proc\_id** | **proc\_dt** | **short\_desc** | **type** | **start\_dt** | **end\_dt** |
| 1 | 02 | 03-21-20 | State Entry 14 Day Quarantine | R | 03-26-20 | 12-16-20 |
| 2 | 03 | 03-23-20 | Stay At Home Order | R | 03-25-20 | 04-30-20 |
| 3 | 04 | 03-31-20 | Inter-Island 14 Day Quarantine | R | 04-01-20 | 06-15-20 |
| 4 | 05 | 04-16-20 | All Beaches Closed | R | 04-17-20 |  |
| 5 | 05 | 04-16-20 | Boating Restrictions | R | 04-17-20 |  |
| 6 | 05 | 04-16-20 | Hiking Restrictions | R | 04-17-20 |  |
| 7 | 05 | 04-16-20 | Fishing and Gathering Restrictions | R | 04-17-20 |  |
| 8 | 06 | 04-25-20 | Stay At Home Order Extended | R | 04-26-20 | 05-31-20 |
| 9 | 06 | 04-25-20 | Gatherings Limited to No More than 10 People | R | 04-26-20 | 05-31-20 |
| 10 | 07 | 05-05-20 | All Beaches Closed | C |  |  |
| 11 | 07 | 05-05-20 | Shore Fishing Limitations | C |  |  |
| 12 | 07 | 05-05-20 | Re-Opening of Retail & Repair Services (including in Mall) | L | 05-07-20 |  |
| 13 | 08 | 05-18-20 | Prohibition on Renting Vehicles & Car Sharing Platforms | R | 05-18-20 |  |
| 14 | 09 | 06-10-20 | Host Responsibility | R | 06-10-20 |  |
| 15 | 10 | 07-17-20 | Short-Term Rental Restriction | R | 07-17-20 |  |
| 16 | 11 | 08-06-20 | Inter-Island 14 Day Quarantine (Second) | R | 08-11-20 | 12-16-20 |
| 17 | 12 | 08-20-20 | Enhanced Movement Quarantine | L |  |  |
| 18 | 13 | 09-22-20 | State Entry Negative Test Exception | L | 10-15-20 |  |
| 19 | 13 | 09-22-20 | Inter-Island Negative Test Exception Option | L | 09-22-20 |  |
| 20 | 17 | 12-16-20 | Inter-Island 10 Day Quarantine | L | 12-17-20 | 06-14-21 |
| 21 | 17 | 12-16-20 | State Entry 10 Day Quarantine | L | 12-17-20 |  |
| 22 | 19 | 02-14-21 | Announcement that Vaccine Exception is Coming | C | 02-14-21 |  |
| 23 | 20 | 05-07-21 | Inter-Island Vaccine Exception Option | L | 05-07-21 |  |
| 24 | 21 | 08-05-21 | State Entry Vaccine Exception | L | 08-05-21 |  |
| 25 | 101 | 08-23-21 | Governor asks travelers to avoid Hawaii | R | 08-23-21 | 11-01-21 |
| 26 | 102 | 10-19-21 | Governor welcomes fully vaccinated travelers to come back starting in November | L | 11-01-21 |  |

Upon creating a gantt chart for this in R, the visual is way too complex and difficult to interpret. Now, going to explore how we can create categories for rules with levels of restriction.

Possible categories:

* Entry Rules – How do I get in?
  + Quarantine 14 (Red)
  + Test Exception (Orange)
  + Quarantine 10 (Orange)… doesn’t matter much because test exception already in place
  + Vaccine Exception (Yellow)
* Lodging/Vehicle Rules – Where can I stay and how can I get around?
  + STR Restrictions (Yellow)
  + Car Rental/Ride Share Restrictions (Orange)
  + Host Responsibility (Orange)
* Activity Rules – What can I do once I’m there?
  + Levels of Openness… need to explore best way to measure this. Difficult due to:
    - Changing methods of reporting
    - So many different rules posted in so many different places… no clear primary source of this data
  + Stay-At-Home Order can be considered most restrictive
  + What levels of opening occurred when stay-at-home order has been lifted
    - Maybe simplify down to SAHO in place vs not in place?
      * SAHO (Red)
      * No SAHO (Orange)
* Recommendations – Am I even wanted there?
  + This comes about as requests/statements are made that are not rules/law
    - Stay away request (Orange)
    - Welcome back request (Yellow)
  + These statements have the following impacts:
    - Confusion… many potential visitors believing Hawaii is shut down again
    - Visitors feeling as if they are not wanted
    - Peer pressure on former residents to do what’s good for Hawaii by staying away
    - Reduces confidence that Hawaii is a solid vacation destination