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**Sent:** Tuesday, April 14, 2020 10:20 AM  
**To:** Maura Valley; Meegan Lancaster; Matt Poole; Omar Johnson; Phoenix Becker; Henry Nieder; Marina Lent  
**Subject:** Ideas for the Boards of Health about the summer season

Hi , These are my present ideas about Covid19 infections during the tourist season. I recommend that we review, discuss and modify the ideas and that you present to the town Boards of Health at your upcoming meetings. They could also be presented to other interested parties for example the hospital and community services depending on the Board of Healths response

Henry

Outline of ideas for the town boards of health concerning probable marked increase of Covid19 cases in the next months

Because of unknown factors in the spread of Covid19 and of the epidemiology of its spread and the variance in governmental response all considerations are tentative

#### Assumptions

1. That after the surge of cases in the Northeast in the next weeks and the surge of cases in the remainder of the United States that the majority of the U.S.population will not have been infected and therefore there will be no herd immunity which is estimated to require an 80% immunity rate
2. That the degree of social isolation of the USA population will go down over time as governors reduce restrictions at various dates.
3. That there will be a demand for an opening of the economy, although cannot predict how this will occur
4. That during the next months there will be no effective treatment for the number of cases that are likely to occur. That is: no anti-viral treatments or vaccines produced in quantities that are sufficient to treat the majority of infected people. There may be antibody therapy available to some patients, but this is unknown at this time.

Therefore, Martha's Vineyard with its usual influx of visitors during the tourist season is likely to have a large number of cases that will overwhelm our present health care system and put all of the population both year-round residents and visitors at high risk of infection. The effects of this rate of infection and the difficulty in mounting a response will be magnified because we are an Island with limited access only by ferry and airplane.

Listed below are possible ways that Martha's Vineyard could limit the number of infections. They are listed in descending order of potential for reducing the number of cases.

1. No one allowed to come to the Island who is not a resident and all residents who leave and return would require negative Covid testing or would be required to quarantine for 14 days when arriving on M.V.
2. Through the use of Covid testing (if available) allow only those visitors and returning residents to come to Martha's Vineyard who have had a negative Covid test within the past 48? hours This test could have been done prior to coming to the ferry terminal or the airport or at the Woods Hole ferry terminal prior to embarkation. This assumes the availability of rapid tests.
3. That day trippers would not be permitted without a recent negative test, and that all other visitors would need to quarantine upon arrival with the strict enforcement by BoH and possible law enforcement. This would effectively reduce all visitors coming for less than 2 weeks.
4. Develop specific regulations to protect social distancing in all locations where there may be groups of people. For example at commercial locations, at cultural and entertainment events, and within the towns
5. No restrictions. Advise all visitors that they will be at increased risk if they come. Advise all high risk residents and visitors that they should practice strict social distancing at all times

Conclusion: Local officials and health care providers of Martha's Vineyard, State government and the DPH should start to consider and plan now for the summer season.