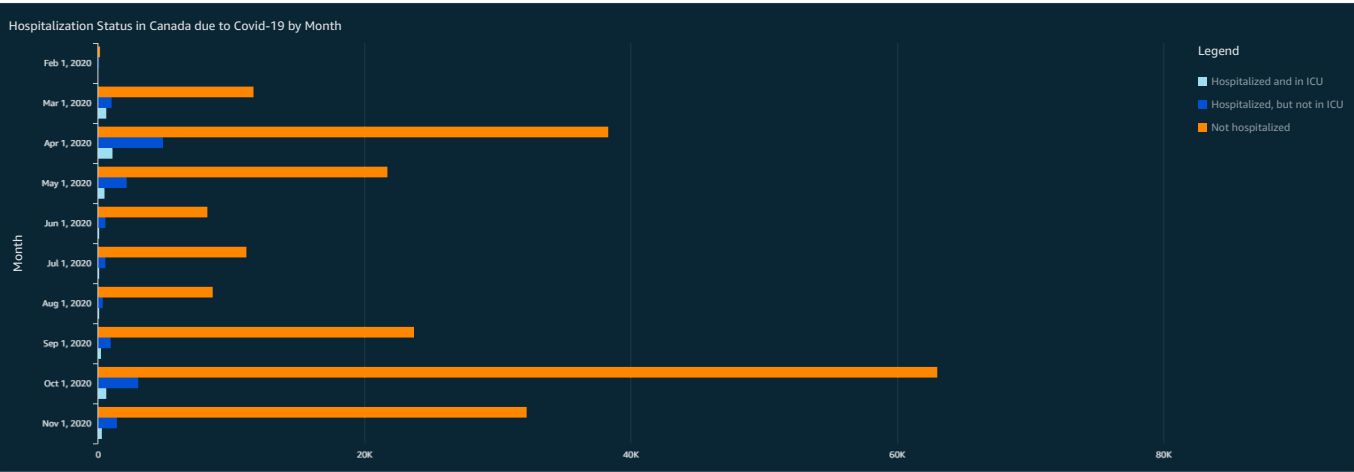


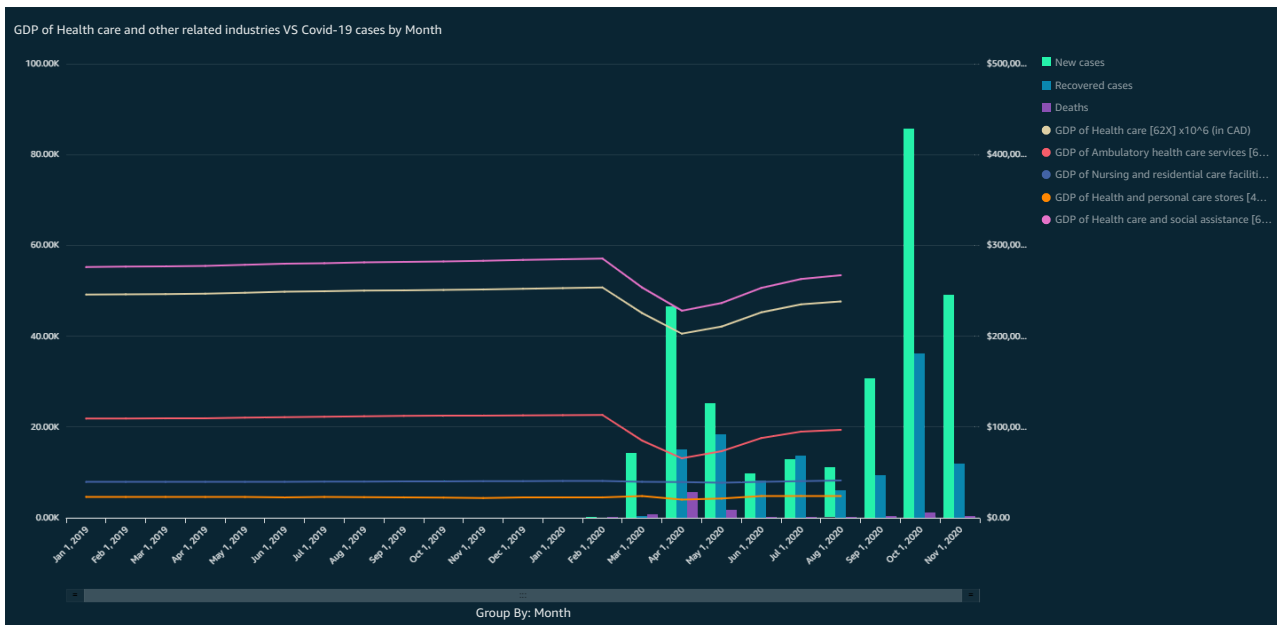
Plot of Hospitalization status and numbers of healthcare workers affected by Covid-19

One of the questions that we have attempted to answer was if being a healthcare worker during the pandemic posed additional risk of contracting the virus.

From our analysis, while we can observe the correlation between hospitalized cases and number of healthcare workers affected, it also seems to be in sync with the general population of people who were not hospitalized as well. Hence, this is inconclusive.

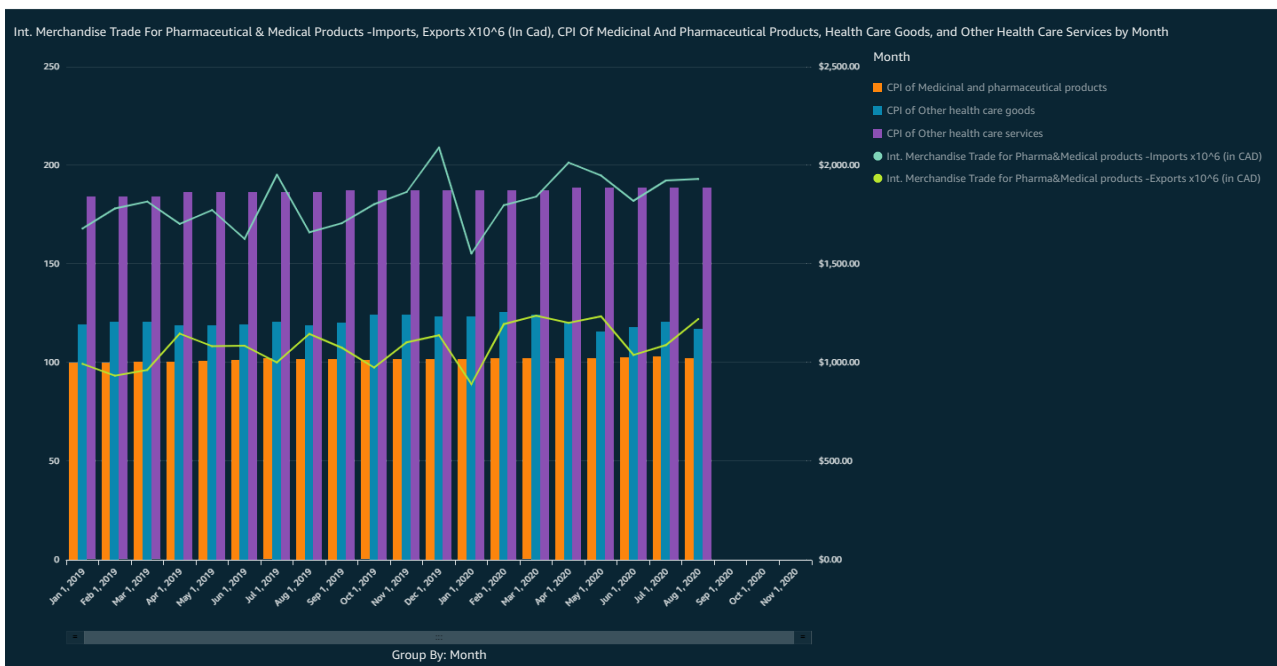


Plot of Hospitalization status of people affected by Covid-19 by month



Plot of GDP of healthcare and related sectors and Covid-19 cases monthly

While the GDP of general health care and ambulatory services mirrored the trend of overall GDP of the nation, sectors like nursing & residential care facilities and health & personal care stores did not actually face significant losses in terms of GDP.



Plot of CPI of healthcare products and International Merchandise trade for pharmaceuticals & medical products monthly

Consumer price index of healthcare goods have generally remained at the same values through 2019-2020.

An interesting trend that was observed in the above graph is the general negative correlation of IMT value for pharma & medical products between imports and exports till the end of 2019, and the apparent reversal to positive correlation since the beginning of the year 2020. While it may not be the only reason, we postulate that travel restrictions and the increased demand for medicines could be a reason for this occurrence.