

same that begins to descend rapidly because on March 16, 2020, the health emergency was decreed in the country, and the majority of university personnel begin with the online modality, until at the end of June 25% of administrative, military and maintenance personnel return to work in person, which causes a slight increase in consumption. In July, isolated cases of covid-19 appear, so online activities are renewed, and a decrease in water consumption is again denoted.

IV. CONCLUSION

According to the reviewed evidence, it has been shown that right after receiving the order to reincorporate 25% of the administrative and service personnel during June. There was an increase in reported cases, which again led to the implementation of the online modality. Likewise, the consequences of returning to 50% and 100% of the personnel could be unsolvable since at least 9% of the population could become infected, despite the biosecurity measures applied. However, it could be recommendable to resume face-to-face activities with up to 25% of the population if biosecurity measures are strict and adequately controlled to prevent the spread of the virus, allowing personnel to transit through the facilities.

It can be observed that drinking water consumption in the University is inversely proportional to the number of people infected by Covid-19 due to the increase in the number of sick people. It could be necessary for them to quarantine from their homes. The normal use that is normally applied decreased, which resulted in an eventual saving of the resources from which the Institution is supplied.

One of the psychological impacts caused by fear of getting infected in the population is making an effort to reduce the spread of the virus. It has led to the development of new personal sanitation habits, generating considerable demand for water. For this reason, the analysis of this project has considered the real endowment that was 55 (l/habitant-day) to which each person has access within the University facilities. Once it is allowed to resume face-to-face activities, the water sources supply will certainly be affected by endless use and the great demand required from Monday to Friday to fulfill biosafety protocols. Thus, it has alternatives to equalize their operation and avoid an excessive decrease that causes the search for new sources of water supplies.

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