The Impact of COVID-19 on Iraqi Community: a descriptive study based on data reported from the Ministry of Health in Iraq

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Abstract

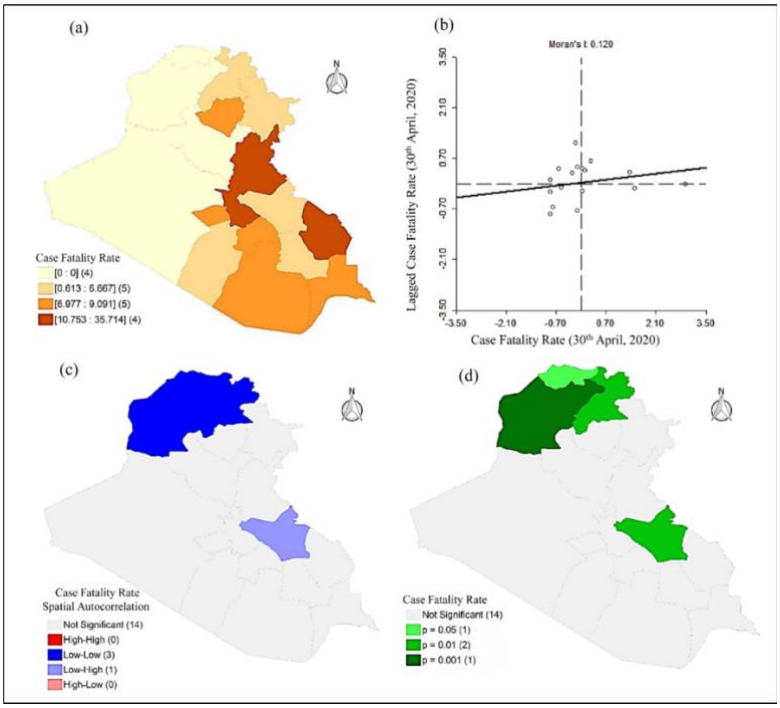
Introduction: Coronavirus is a new pandemic disease that has emerged in Wuhan, China, and then spreads around the world. The cases number of the COVID-19, which have been daily reported in Iraq, has risen slowly. However, no confirmed study has been undertaken to evaluate the situation of the COVID-19 in concerning the confirmed cases, death cases, and recovered.

Methodology: The current study is undertaken to describe and assess the COVID-19 of the present situation in Iraq out of the range of the confirmed, deaths and recovered cases from the date 21 February to 30 April 2020 in Iraq.

Results: The study findings have revealed that there is a gradual increase of COVID-19 cases onwards until the top peak in 7th Apr. in which the cases reach 684, then decrease regularly. The total infected people of the study scope are 2085 persons according to the Ministry of Health in Iraq, while the World Health Organization (WHO) states 2003 person. The spatial distribution quantile map showed the hot spots in the province of Babylon, Maysan, and Diyala. However, less was found in three provinces (Nineveh, Salahaddin, and Al Anbar). The result shows that 66.9% recovered and 4.6% death cases out of total infected people.

Conclusions: COVID-19 in Iraq comes to be limited via the procedures of Iraqi government. However, the infected people will be increased gradually and many international reports that predict the end of this pandemic in the world will be doubtful as there are many vaccines developed and under development which led to reduce to effect of this pandemic.

Image



Recent Publications (minimum 5)

1. Akkurt N, Al-Jumaili MHA, Ocak H, et al. Synthesis and liquid crystalline properties of new triazine-based π-conjugated macromolecules with chiral side groups. Turk. J. Chem. 2020;44(3):726-735.
2. Ekhlas AB, Al-Jumaili MHA. Synthesis and liquid crystalline properties of new chalcone derivatives central linkages. Mol. Cryst. Liq. Cryst. 2020;710(1):40-48.
3. Al-Jumaili MHA, Akkurt N, Torun L. Ionic interaction of tri-armed structure based on benzene ring: synthesis and characterization. Monatsh. Chem. 2021;152.5:551-558.
4. Al-Jumaili MHA, Hamed AS, Akkurt N, et al. Six-Armed Structures Based on Benzene Ring, Synthesis and Characterization via Sonogashira Coupling. Indones. J. Chem. 2020;20(3):705-715.
5. Mohammed Aljumaili, Muqdad Al-Hdeethe. Study of Selected Flavonoid Structures and Their Potential Activity as Breast Anticancer Agents. Cancer informatics, 2021. DOI: 10.1177/11769351211055160.

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