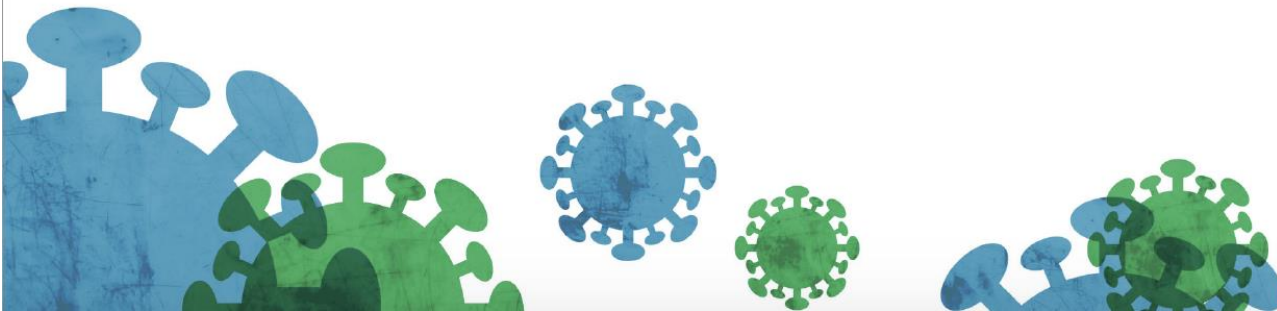


Esteban Ortiz Prado

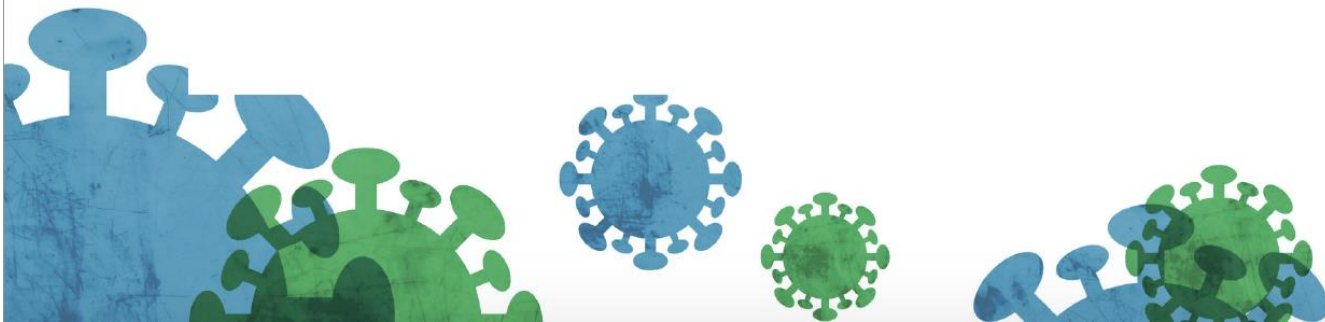
- Medico Investigador
- Experto en Salud Global
- Divulgador Científico



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COVID-19 en el Ecuador



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Interim Analysis of Pandemic Coronavirus Disease 2019 (COVID-19) and the SARS-CoV-2 virus in Latin America and the Caribbean: Morbidity, Mortality and Molecular Testing Trends in the Region

Katherine Simbana-Rivera, Lenin Gomez-Barreno, Jhon Guerrero, Fernanda Simbana-Guaycha, Raul Fernandez, Andres Lopez-Cortes Sr., Alex Lister, Esteban Ortiz-Prado

doi: <https://doi.org/10.1101/2020.04.25.20079863>

This article is a preprint and has not been peer-reviewed [what does this mean?]. It reports new medical research that has yet to be evaluated and so should not be used to guide clinical practice.

Abstract

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Epidemiological, socio-demographic and clinical features of the early phase of the COVID-19 epidemic in Ecuador

Esteban Ortiz-Prado, Katherine Simbana-Rivera, Ana Maria Diaz, Alejandra Barreto, Carla Moyano, Vanessa Arcos, Eduardo Vasconez-Gonzalez, Clara Paz, Fernanda Simbana-Guaycha, Martin Molestina-Luzuriaga, Raul Fernandez-Naranjo, Javier Feijoo, Aquiles Rodrigo Henriquez, Lila Adana, Andres Lopez-Cortes Sr., Isabel Fletcher, Rachel Lowe, Lenin Gomez-Barreno

doi: <https://doi.org/10.1101/2020.05.08.20095943>

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Contents lists available at ScienceDirect

Diagnostic Microbiology and Infectious Disease

journal homepage: www.elsevier.com/locate/diagmicrobio

Clinical, molecular, and epidemiological characterization of the SARS-CoV-2 virus and the Coronavirus Disease 2019 (COVID-19), a comprehensive literature review

Esteban Ortiz-Prado^{a,*}, Katherine Simbana-Rivera^a, Lenin Gómez-Barreno^a, Mario Rubio-Neira^b, Linda P. Guaman^c, Nikolaos C Kyriakidis^d, Claire Muslin^a, Ana María Gómez Jaramillo^e, Carlos Barba-Ostria^a, Doménica Cevallos-Robalino^f, Hugo Sanches-SanMiguel^a, Luis Unigarro^g, Rasa Zalakeviciute^{h,i}, Naomi Gadian^j, Andrés López-Cortés^{k,l}

^a One Health Research Group, Faculty of Medicine, Universidad de Las Américas (UDLA), Quito, Ecuador

^b Hospital Roca Ortiz, Pediatric and Cardiology Department, Quito, Ecuador

^c Centro de Investigación Biomédica, Facultad de Ciencias de la Salud Eugenio Espejo, Universidad UTE, Quito, Ecuador

^d Grupo de Investigación en Biotecnología Aplicada a Biotecnología (BIOMED), Universidad de las Américas, Quito, Ecuador

^e Faculty of Medicine, Pontificia Universidad Católica del Ecuador, Quito, Ecuador

^f Intensive Care Unit, Hospital Quito Sur IESS, Quito, Ecuador

^g Intensive Care Unit, Hospital SOLCA Quito, Quito, Ecuador

^h Grupo de Biodiversidad Medio Ambiente y Salud (BIOMAS), Universidad de las Américas, Quito, Ecuador

ⁱ Intelligent and Interactive Systems Lab (SI2 Lab) Universidad de las Américas (UDLA), Quito, Ecuador

^j University of Southampton, Department of Public Health, Southampton, United Kingdom

^k Centro de Investigación Genética y Genómica, Facultad de Ciencias de la Salud Eugenio Espejo, Universidad UTE, Quito, Ecuador

^l Red Latinoamericana de Implementación y Validación de Guías Clínicas Farmacogenómicas (RELIAF-CYTED), Quito, Ecuador

ARTICLE INFO

Article history:

Received 14 April 2020

Received in revised form 21 May 2020

Accepted 22 May 2020

Available online xxxxx

Keywords:

COVID-19

Coronavirus

SARS-CoV-2

Review

Pandemic

ABSTRACT

Coronaviruses are an extensive family of viruses that can cause disease in both animals and humans. The current classification of coronaviruses recognizes 39 species in 27 subgenera that belong to the family Coronaviridae. From those, at least 7 coronaviruses are known to cause respiratory infections in humans. Four of these viruses can cause common cold-like symptoms. Those that infect animals can evolve and become infectious to humans. Three recent examples of these viral jumps include SARS CoV, MERS-CoV and SARS CoV-2 virus. They are responsible for causing severe acute respiratory syndrome (SARS), Middle East respiratory syndrome (MERS) and the most recently discovered coronavirus disease during 2019 (COVID-19).

COVID-19, a respiratory disease caused by the SARS-CoV-2 virus, was declared a pandemic by the World Health Organization (WHO) on 11 March 2020. The rapid spread of the disease has taken the scientific and medical community by surprise. Latest figures from 20 May 2020 show more than 5 million people had been infected with the virus, causing more than 330,000 deaths in over 210 countries worldwide.

The large amount of information received daily by staff, health authorities, academics and the media in order to offer a clear insight of the extensive literature review of the SARS CoV-2 Virus and the Coron.





Ecuador

Coronavirus Cases:

81,161

Deaths:

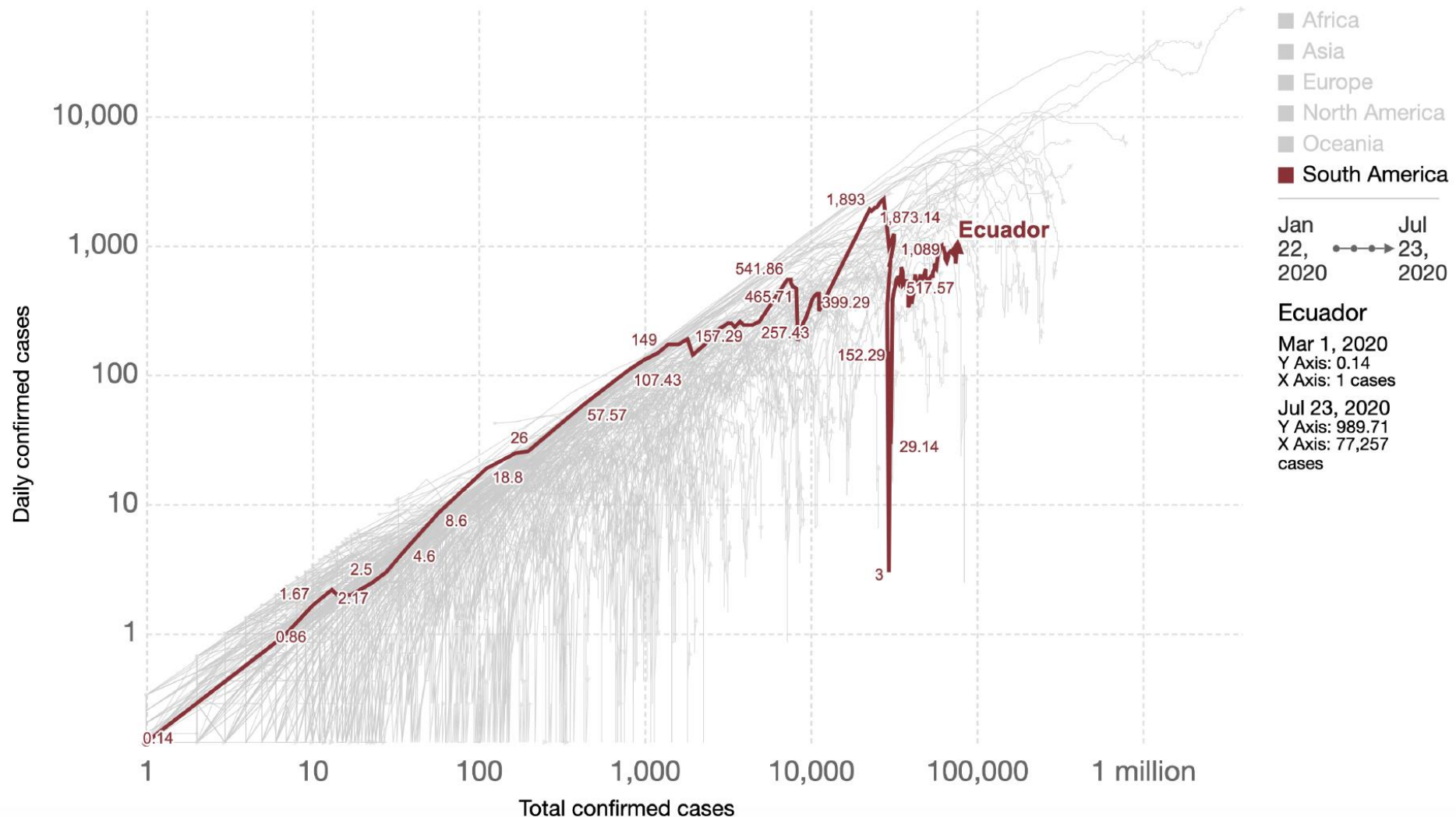
5,532

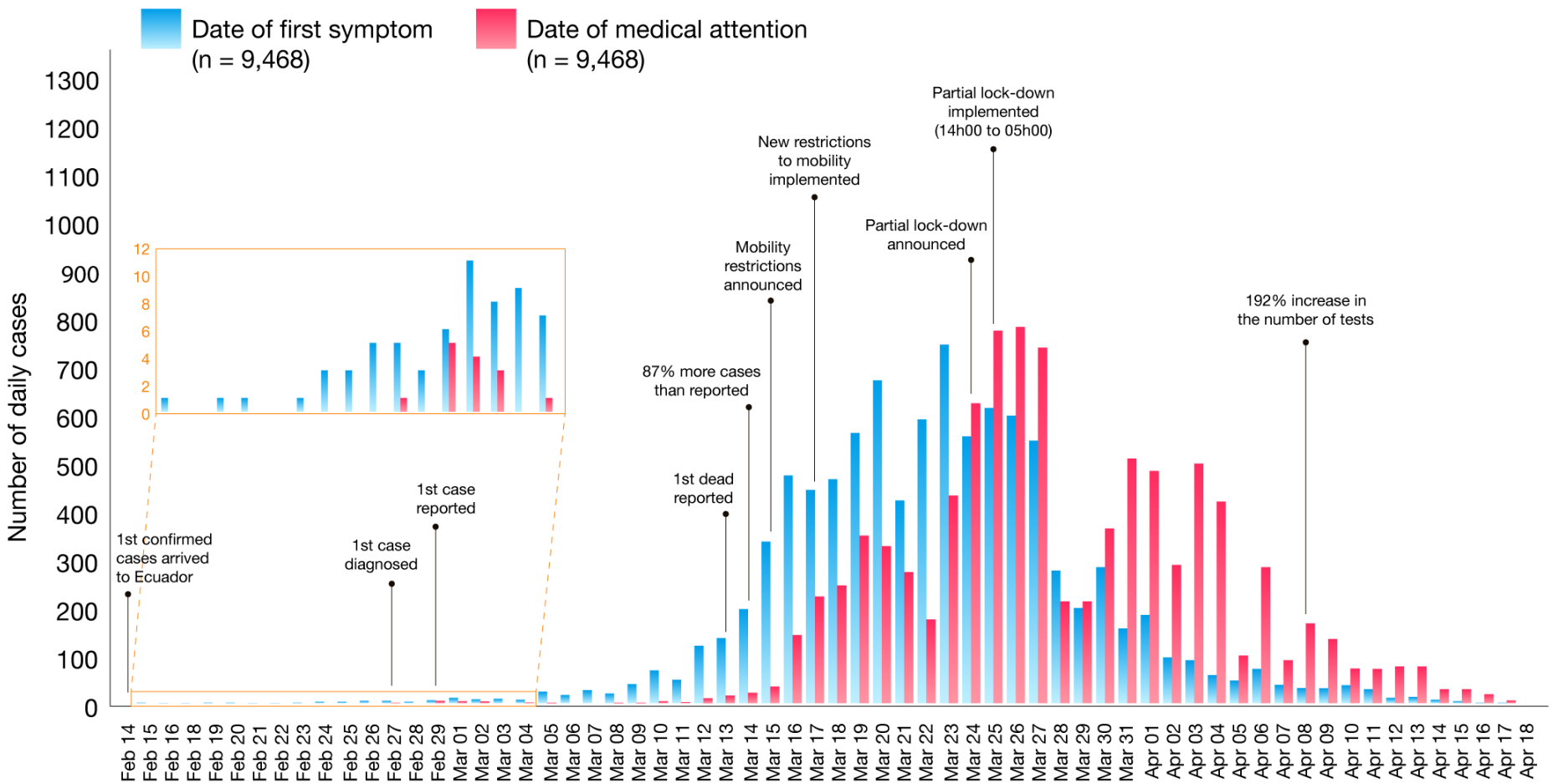
Recovered:

34,896

Daily vs. Total confirmed COVID-19 cases

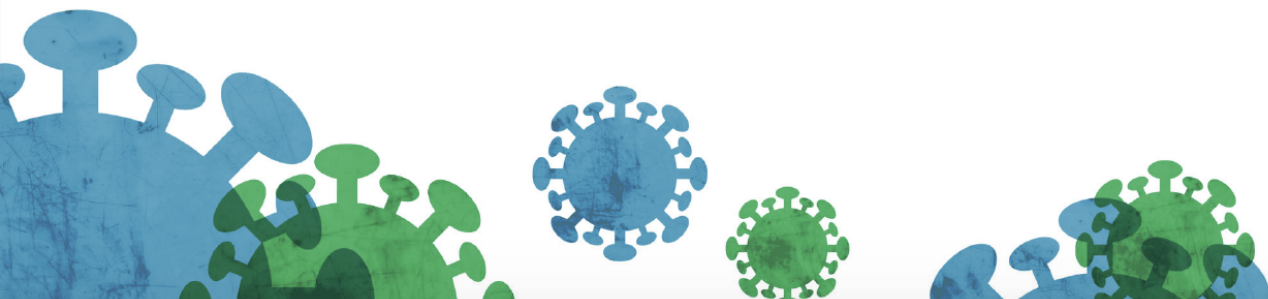
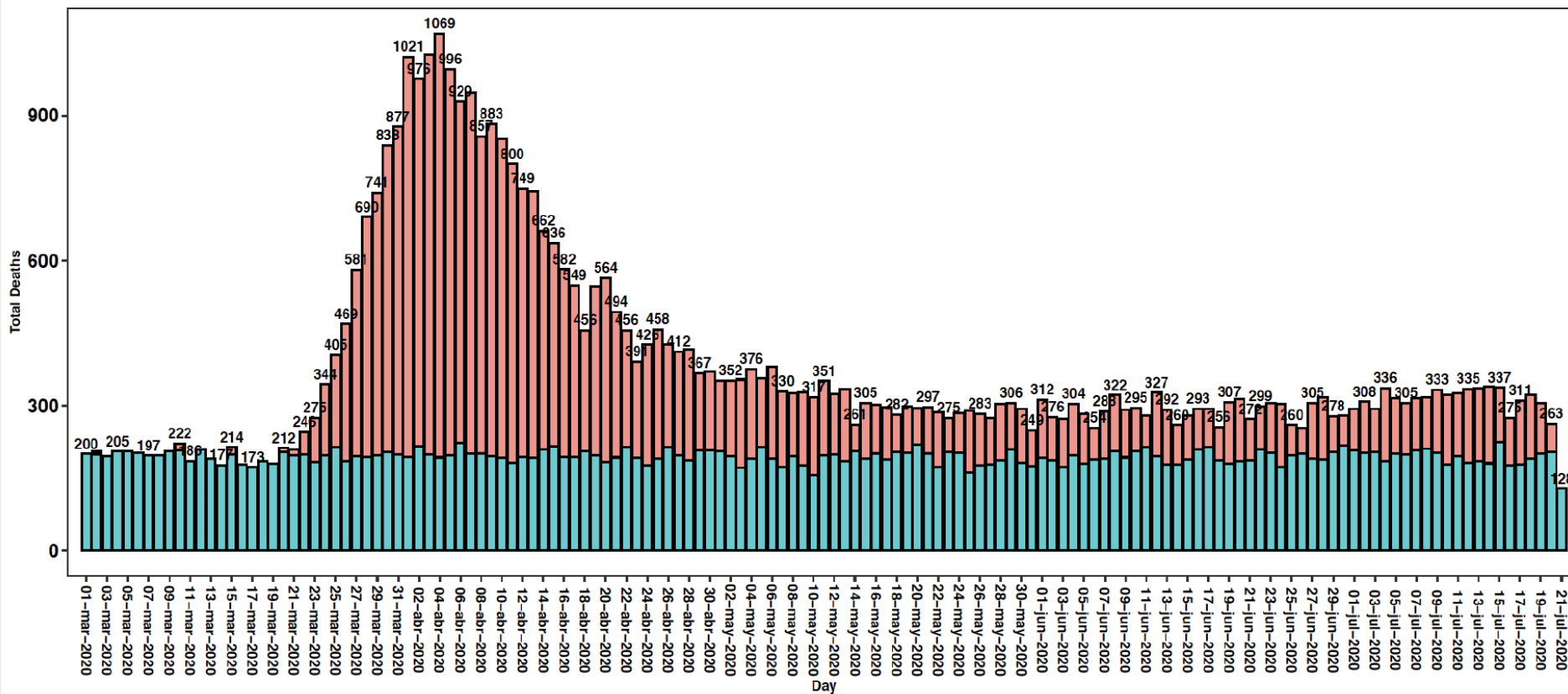
Shown is the 7-day rolling average of confirmed COVID-19 cases. The number of confirmed cases is lower than the number of total cases. The main reason for this is limited testing.



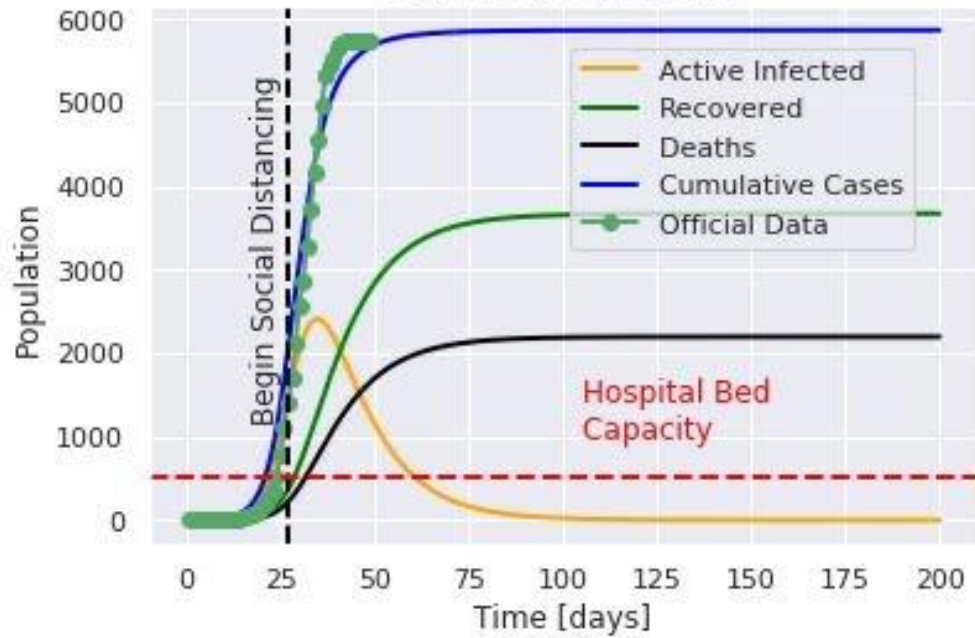


COVID19 Daily Deaths in Ecuador at 2020-07-21

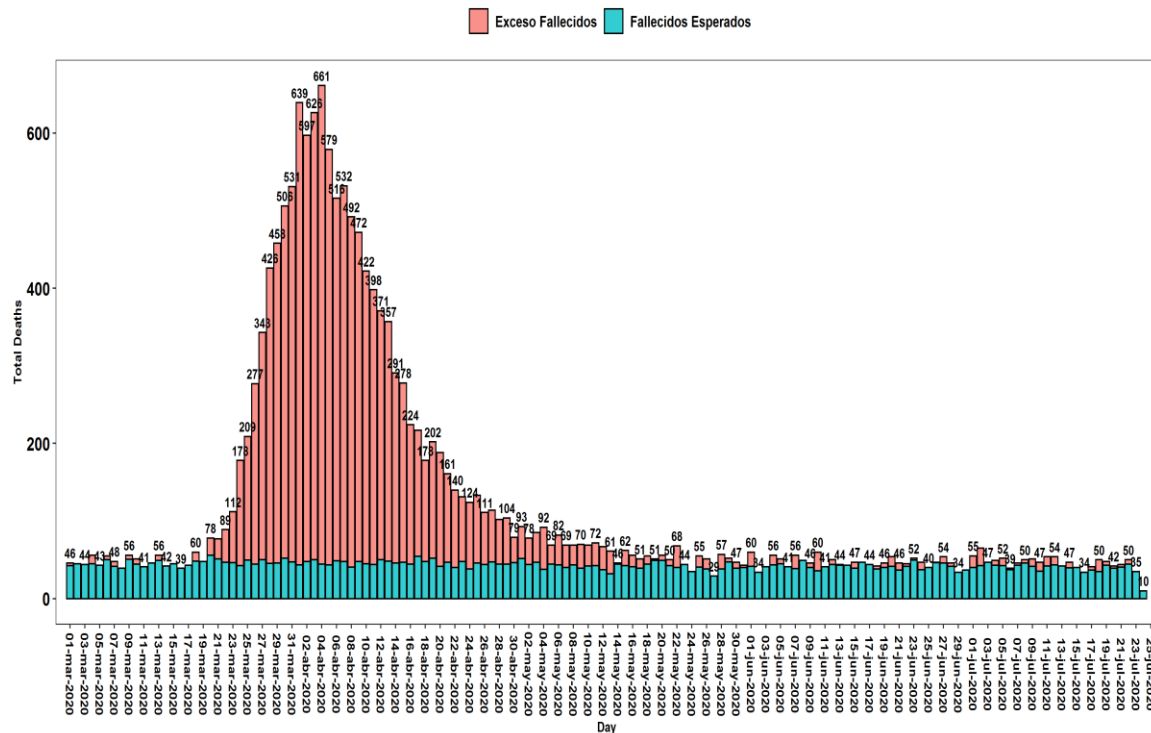
Exceso Fallecidos Fallecidos Esperados



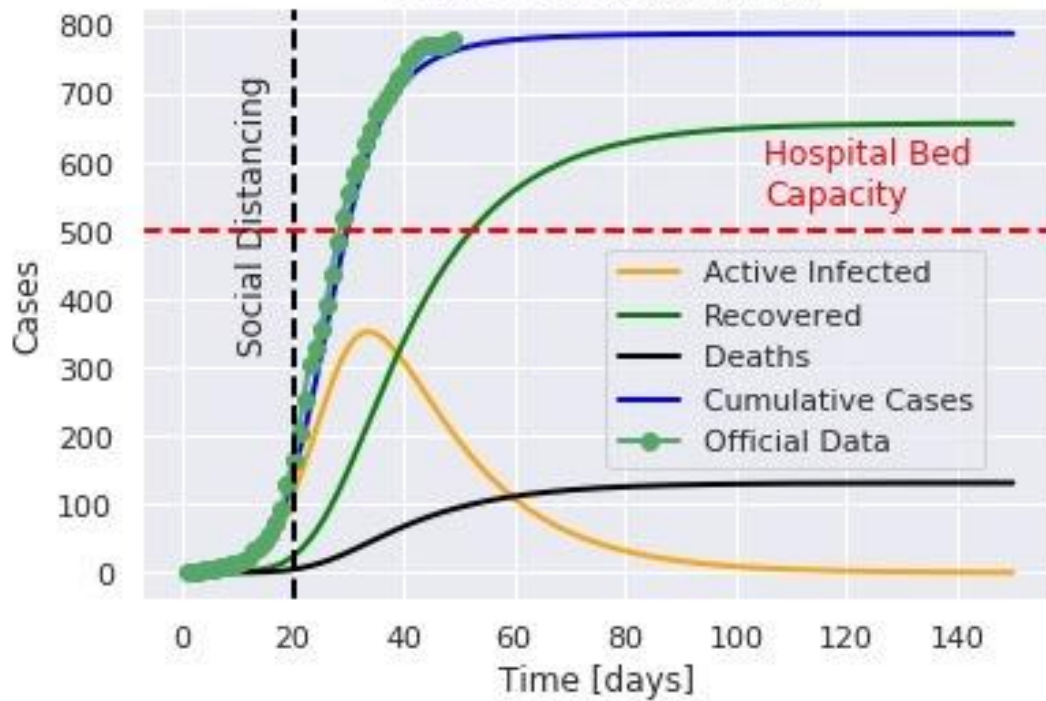
Covid-19 spread Guayas



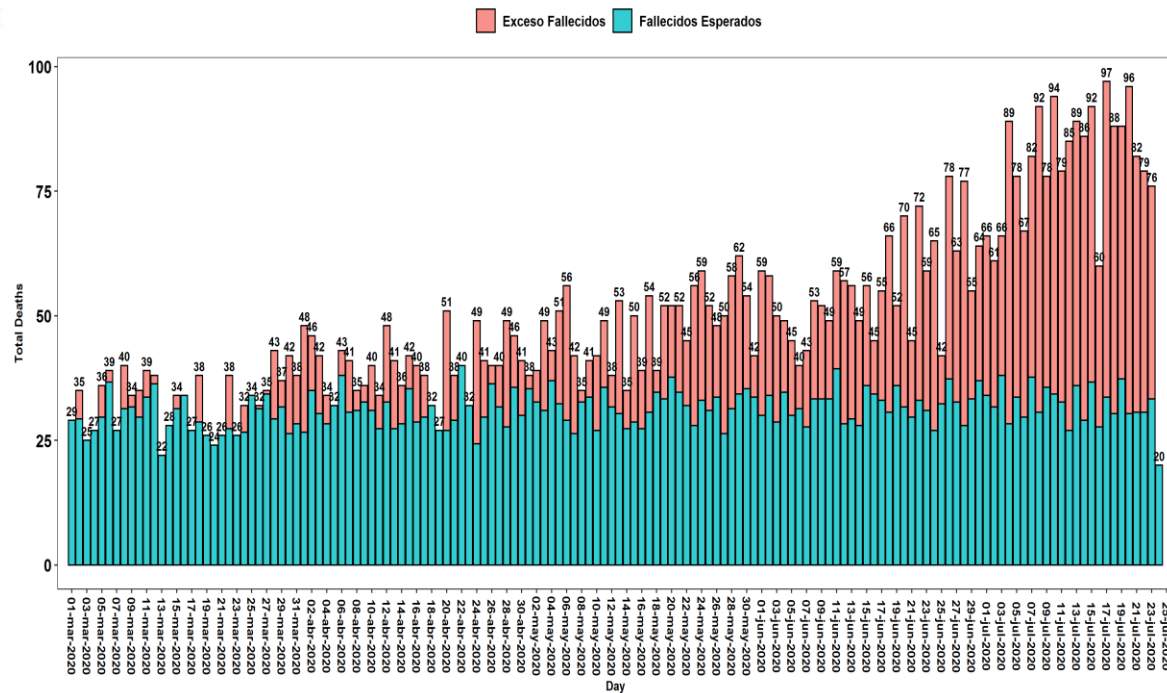
COVID19 Daily Deaths in Guayas_Guayaquil at 2020-07-24



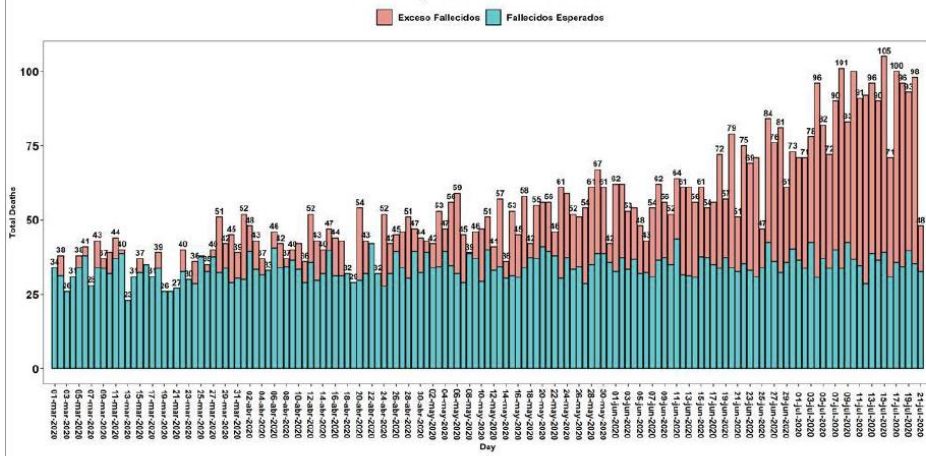
Covid-19 spread Pichincha



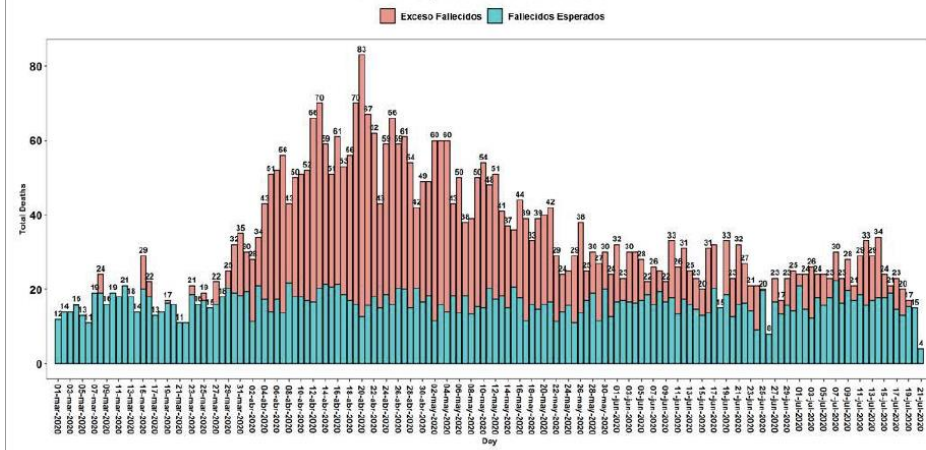
COVID19 Daily Deaths in Pichincha_Quito at 2020-07-24



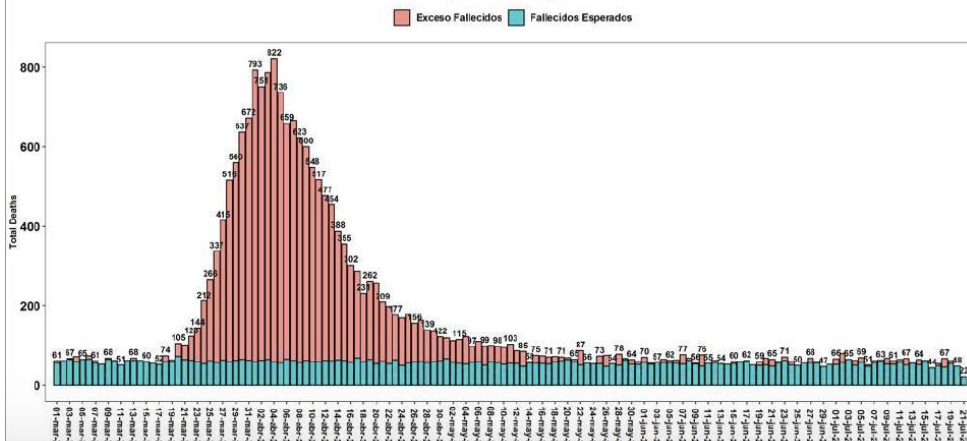
COVID19 Daily Deaths in Pichincha at 2020-07-21



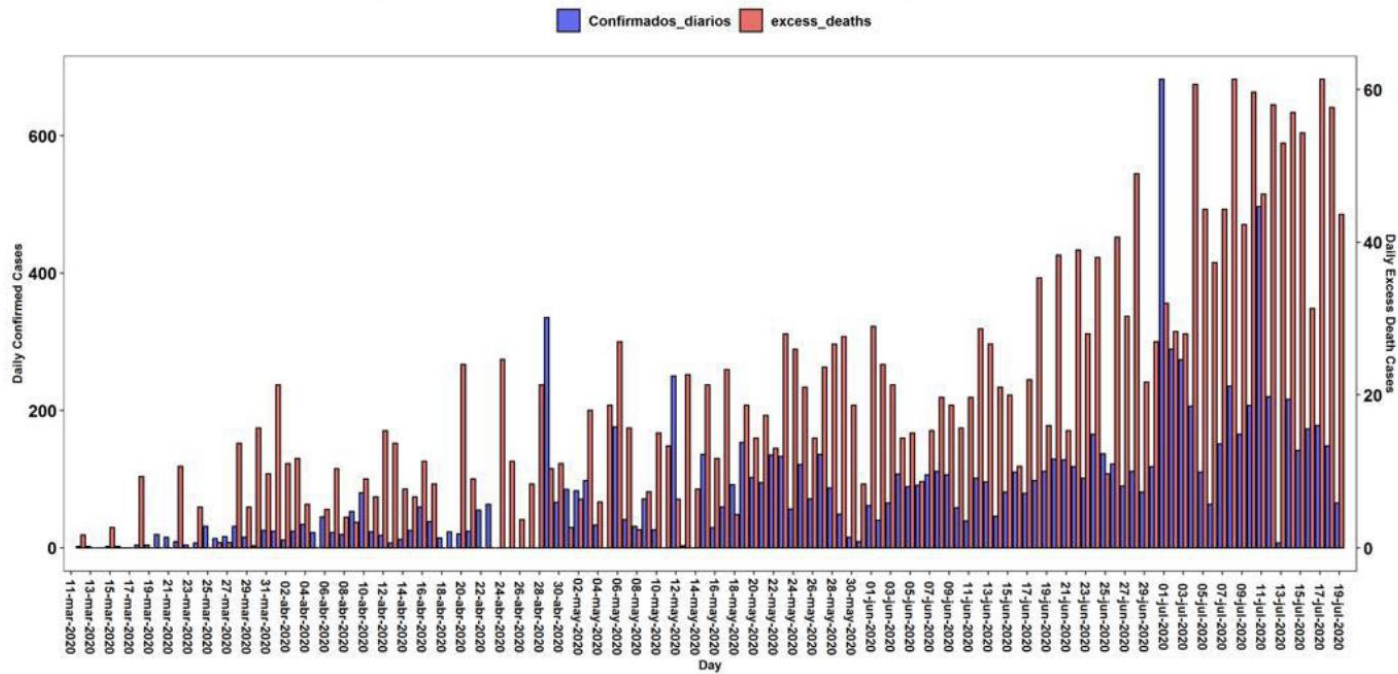
COVID19 Daily Deaths in Manabi at 2020-07-21



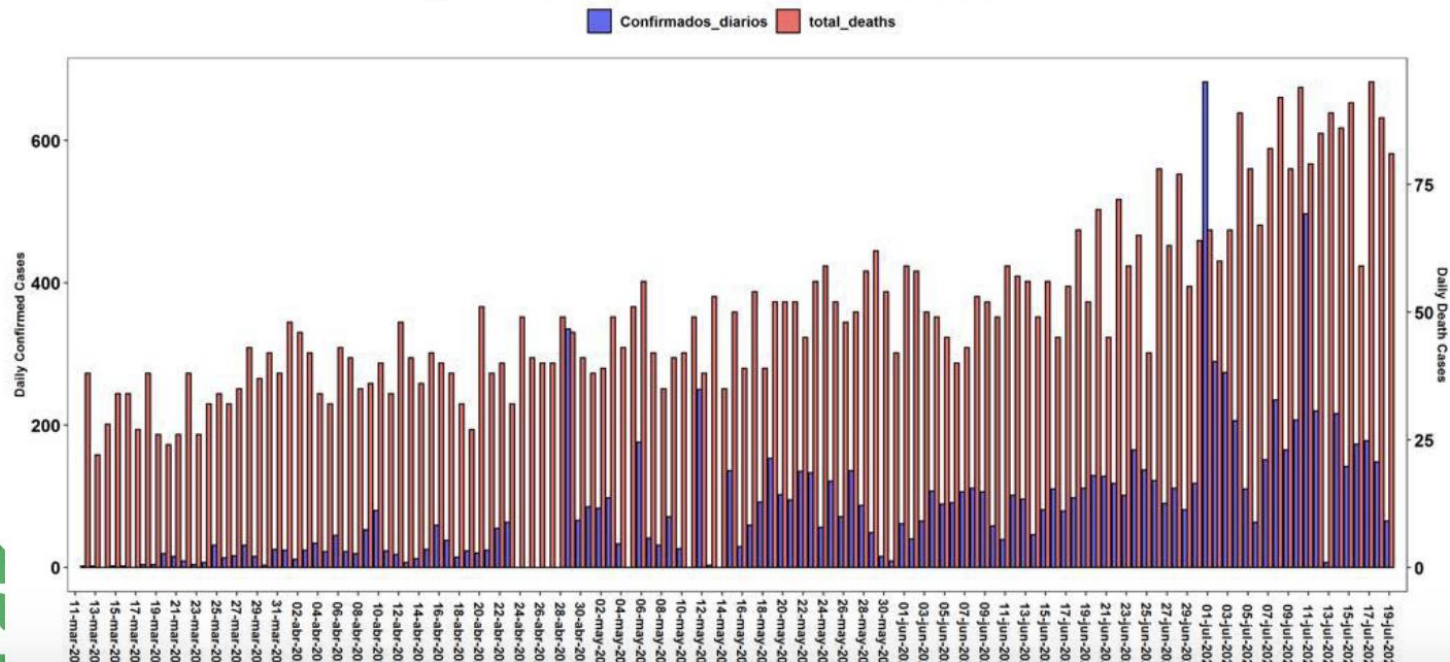
COVID19 Daily Deaths in Guayas at 2020-07-21



Daily Excess Death Cases vs COVID19 Confirmed Cases in Quito at 2020-07-19



Daily Death Cases vs COVID19 Confirmed Cases in Quito at 2020-07-19



Gracias



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