



**GOVERNO DO
ESTADO DO CEARÁ**
Secretaria do Planejamento e Gestão



Universidade Federal do Ceará



Modelagem epidemiológica do COVID19 para o Estado do Ceará empregando o modelo SEIIR

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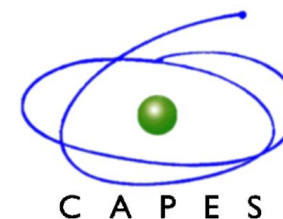
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César Sampaio Filho (UFC - Física, CAPP - IPECE - SEPLAG)

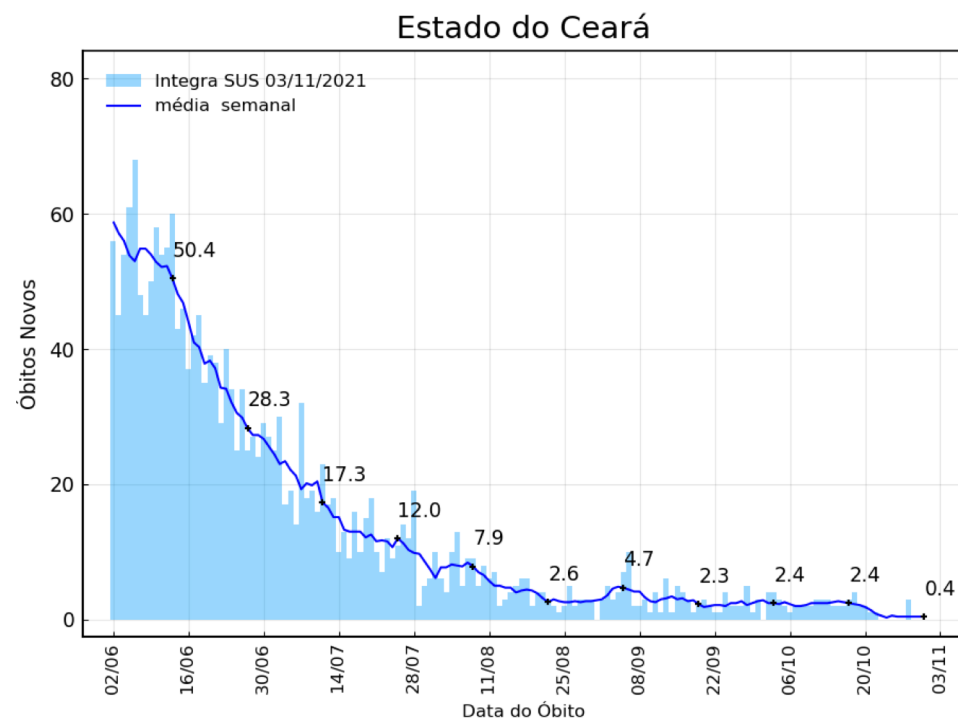
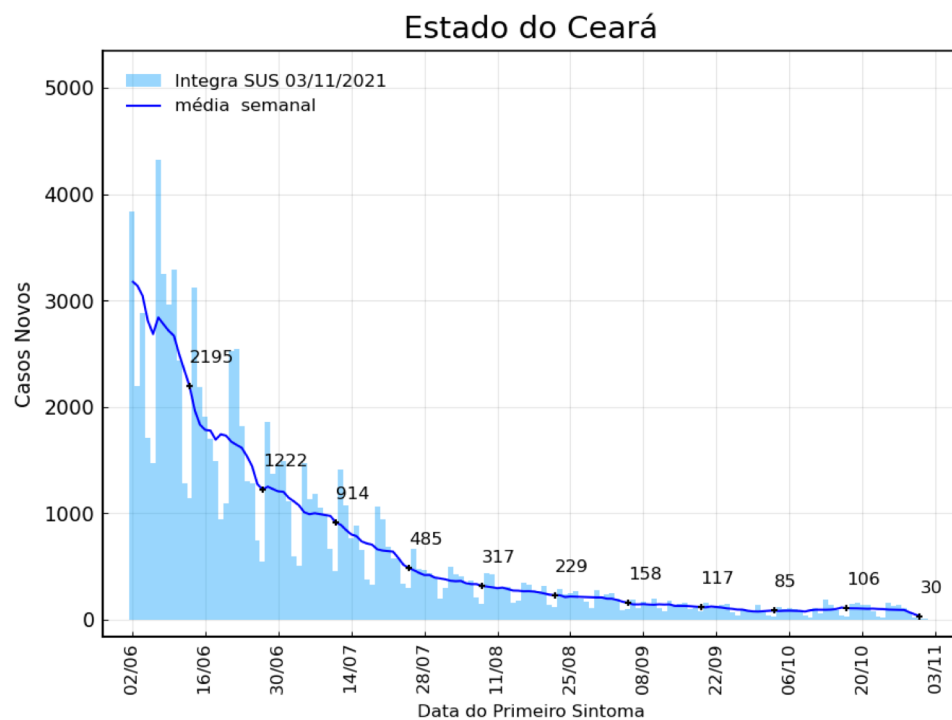


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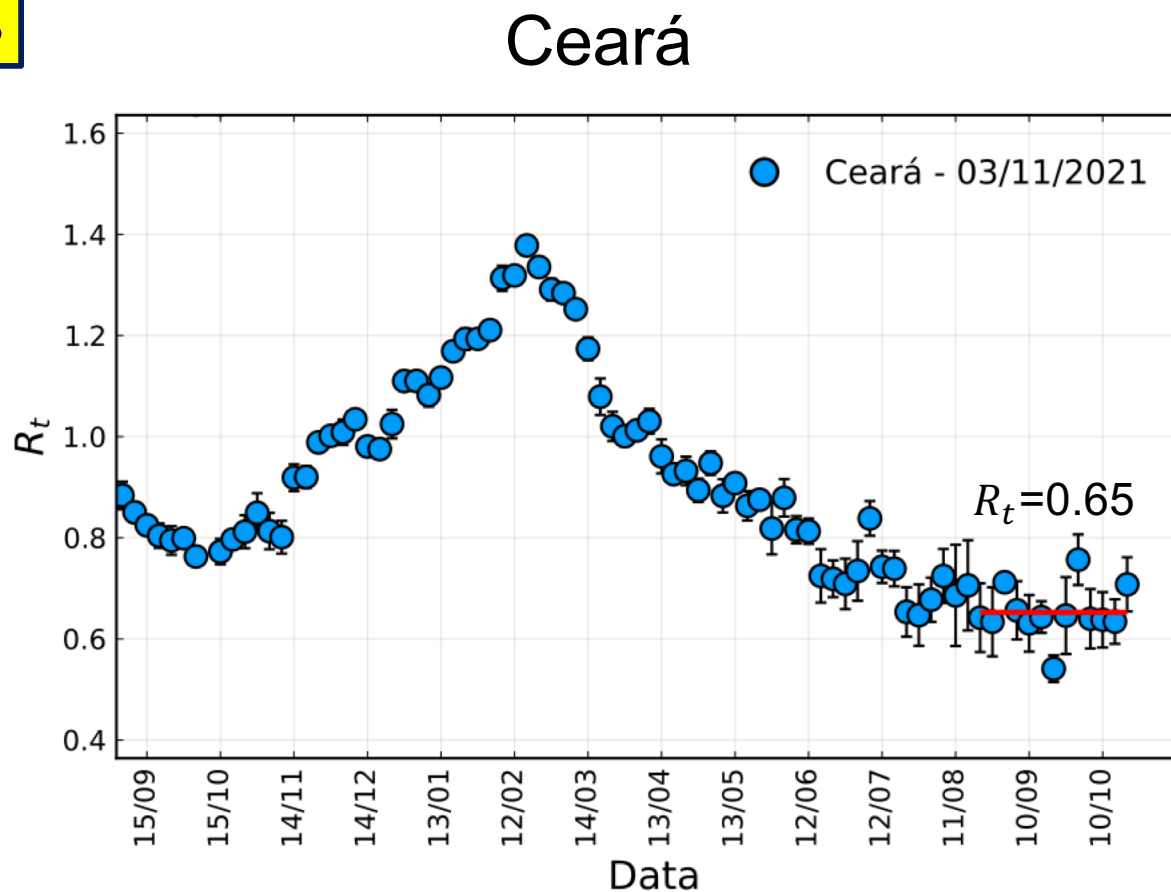
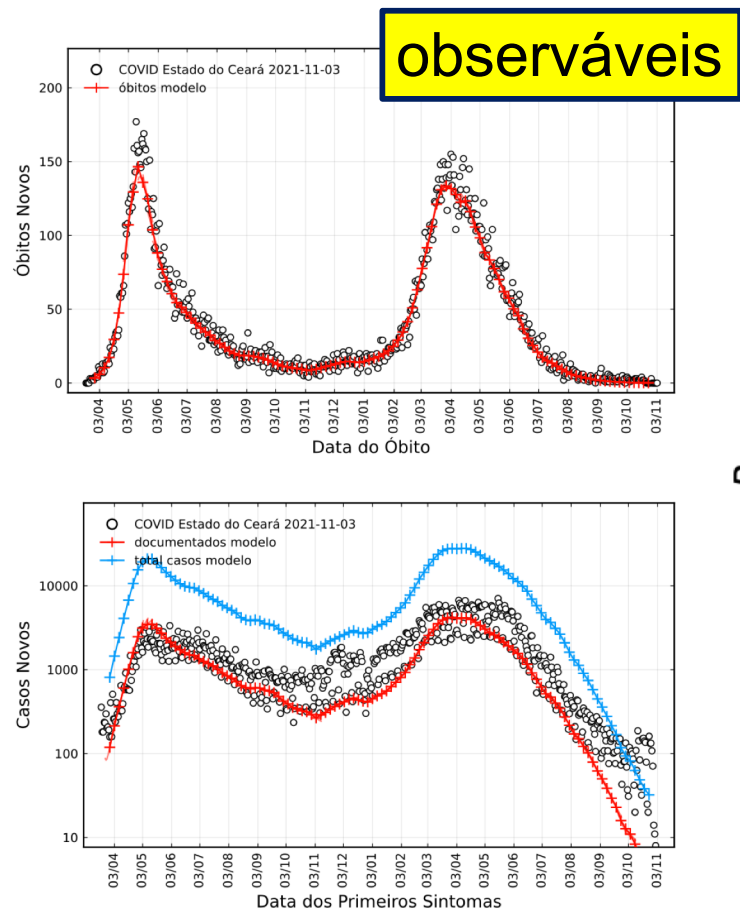
Estado do Ceará

Dados atualizados em 03/11/2021



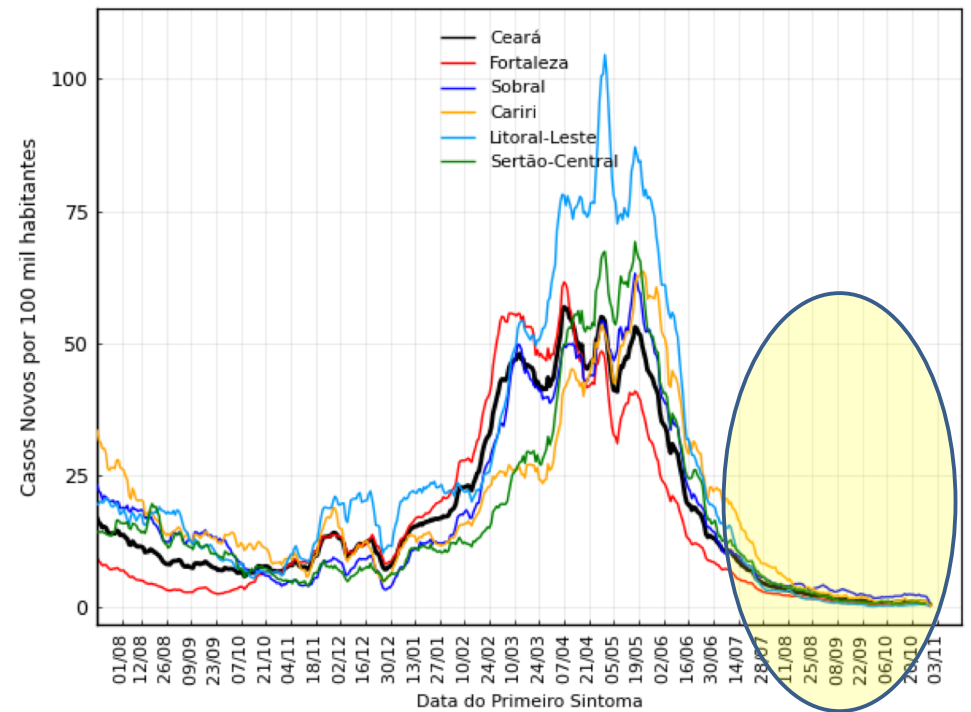
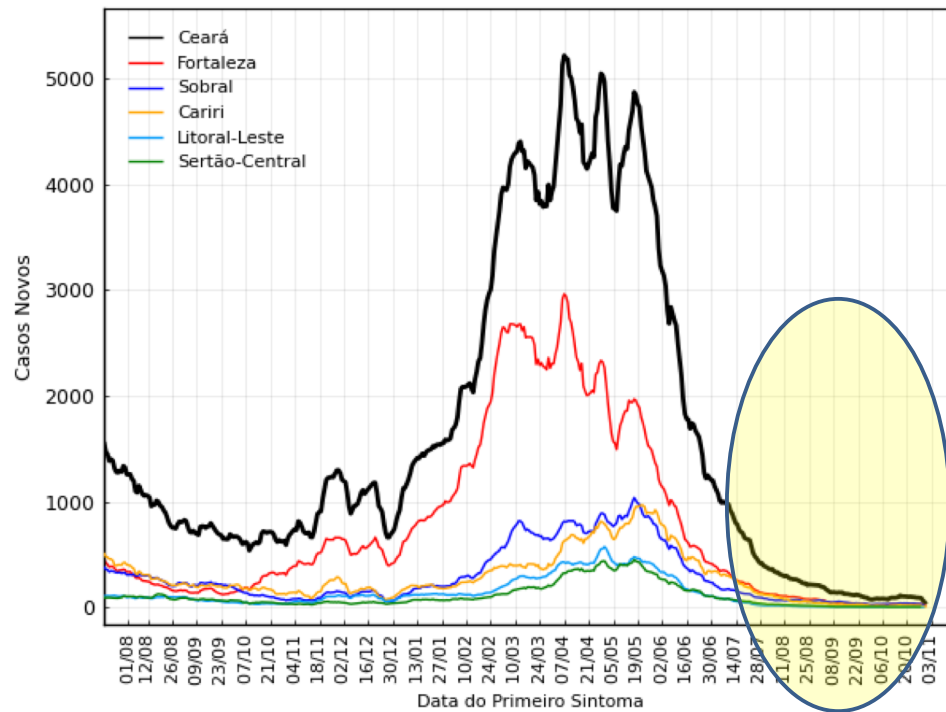
Evolução do Fator de Reprodução Efetivo (R_t) no Ceará

Cálculo Retroativo com Janela Corrida de Inferência



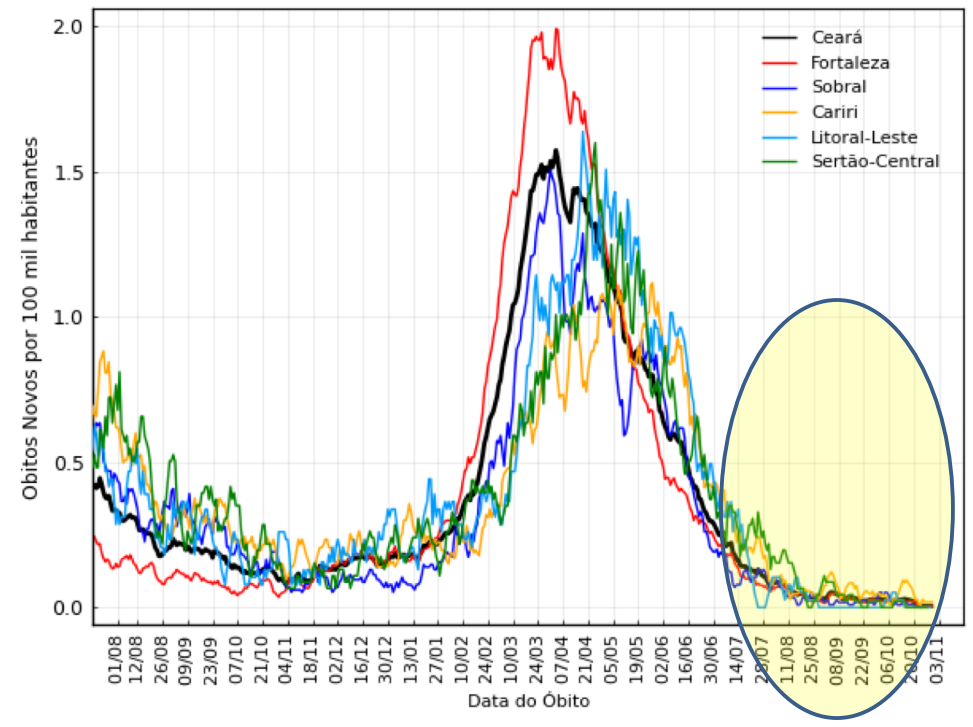
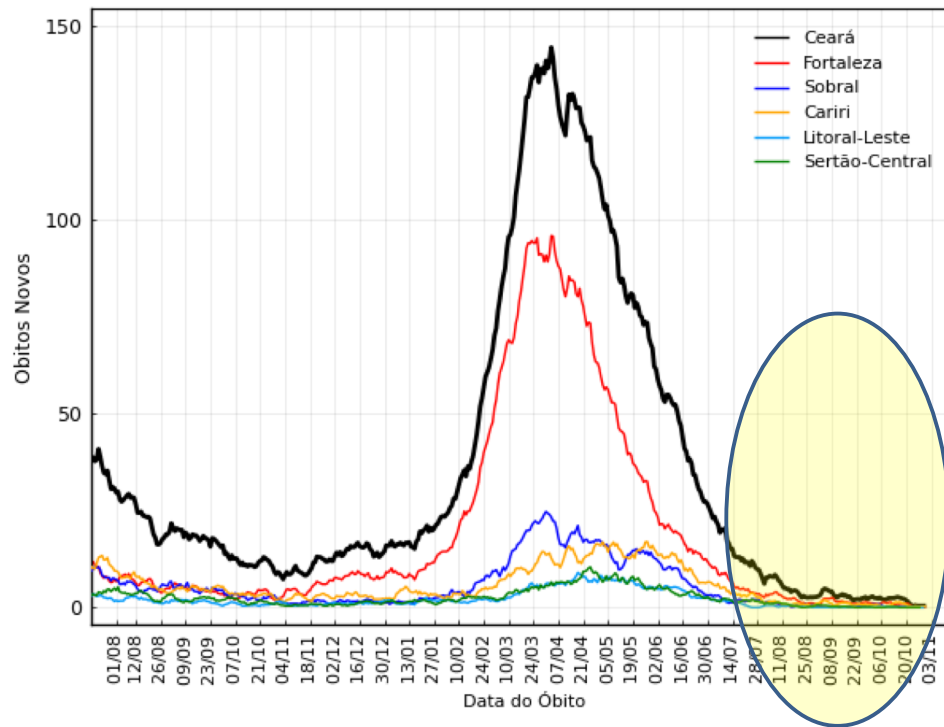
Evolução da Epidemia no Ceará por Macrorregiões

Casos Novos & Casos por 100 mil habitantes

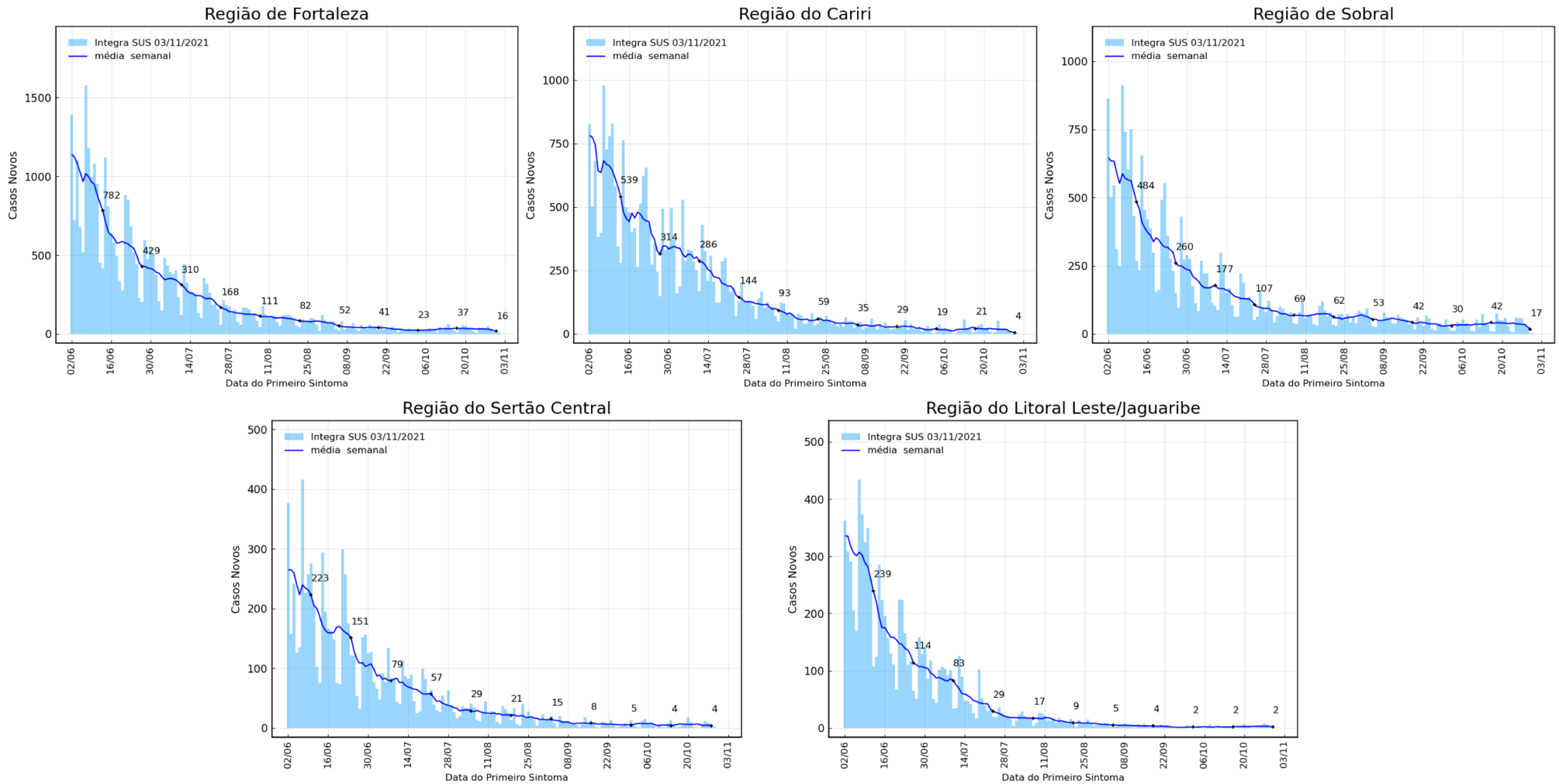


Evolução da Epidemia no Ceará por Macrorregiões

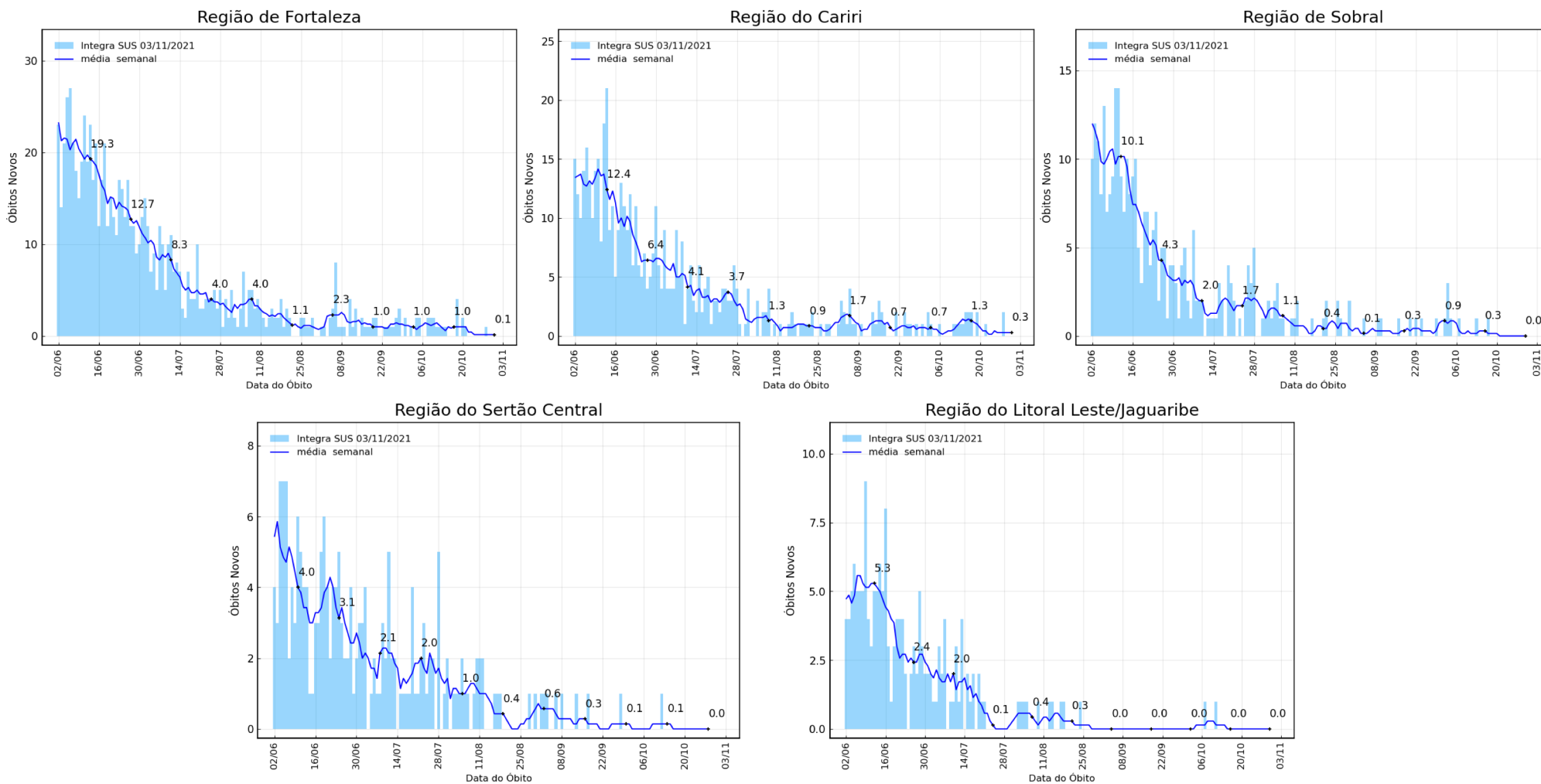
Óbitos Novos & Óbitos Novos por 100 mil habitantes



Evolução Recente de Casos no Ceará por Macrorregiões

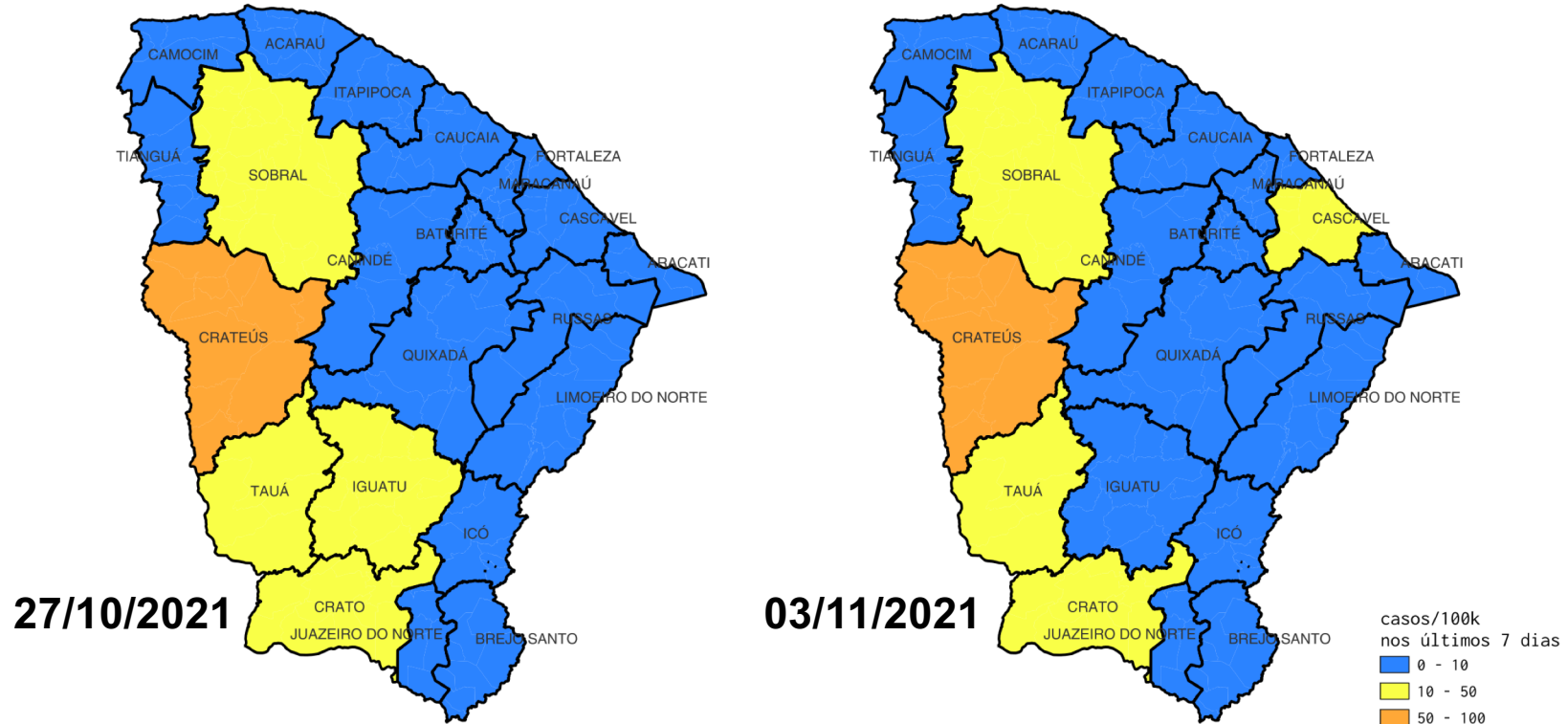


Evolução Recente de Óbitos no Ceará por Macrorregiões



Indicador CDC no Ceará por ADS

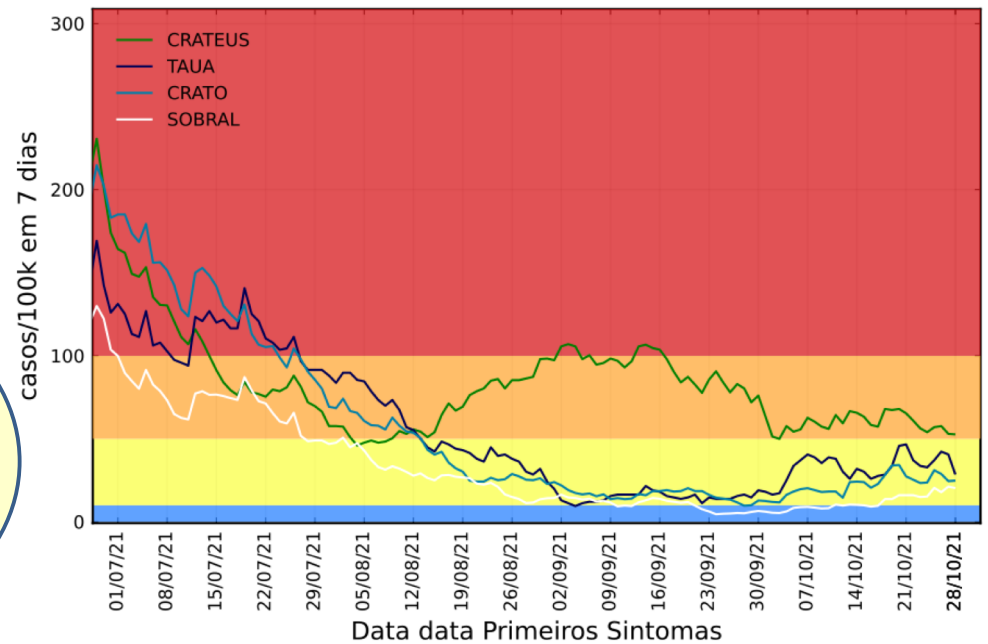
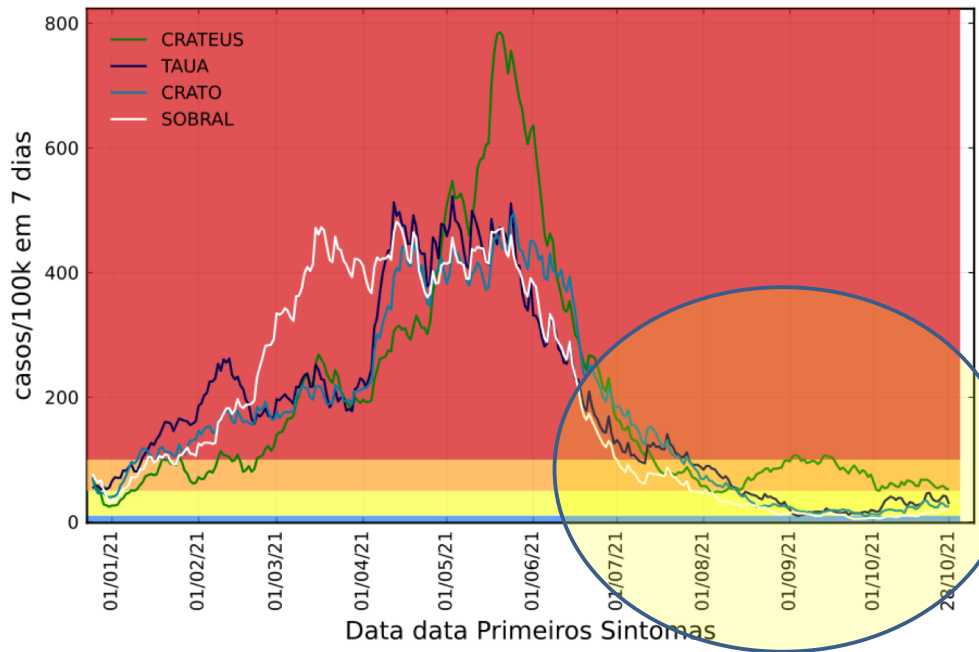
$\Sigma_{CDC} = \# \text{ total de casos por } 100 \text{ mil habitantes nos últimos } 7 \text{ dias}$



Indicator - If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	≥100
Percentage of NAATs ¹ that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	≥10.0%

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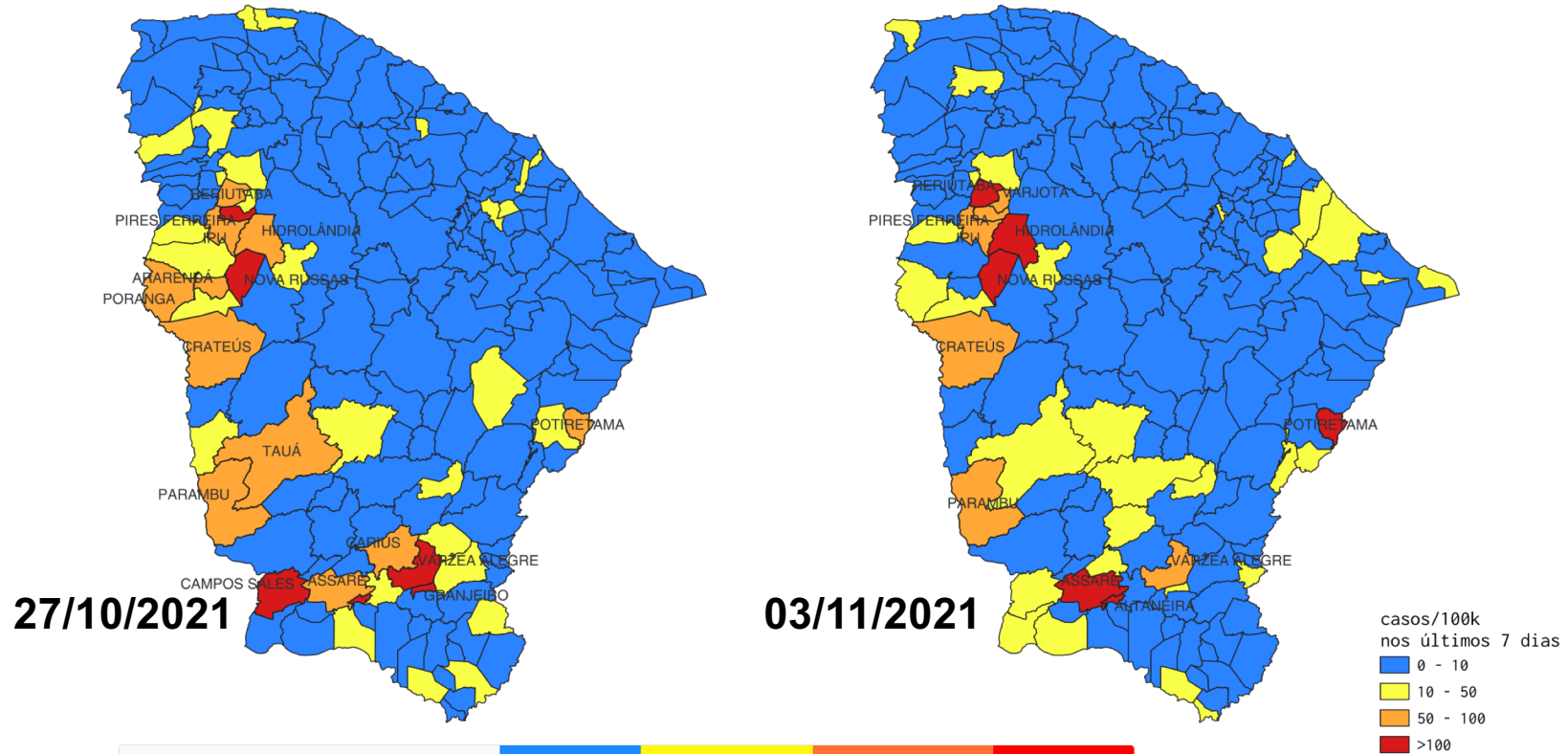
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Indicador CDC no Ceará por Município

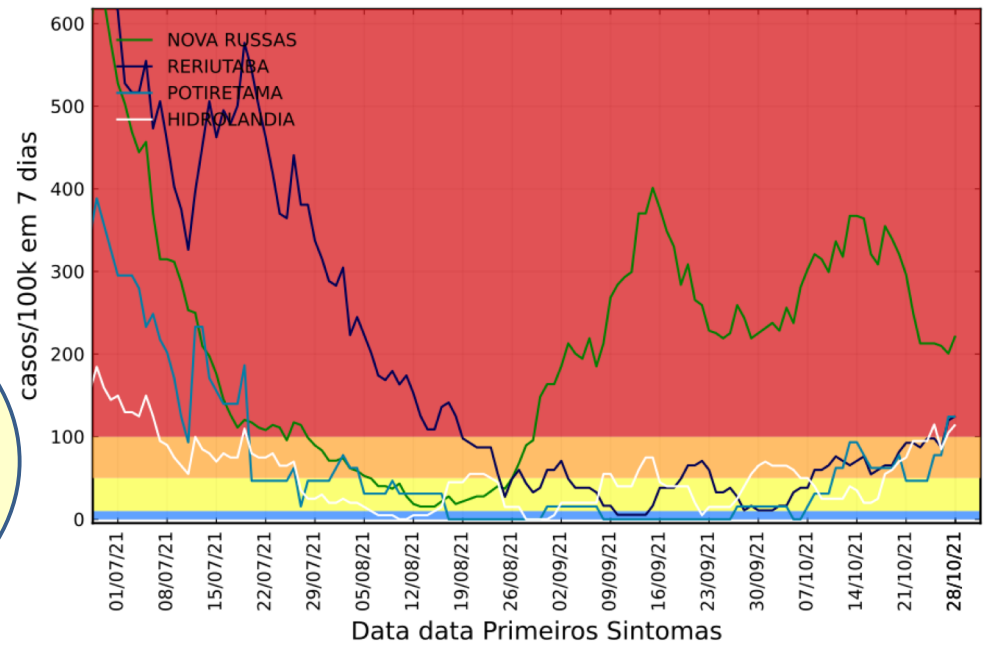
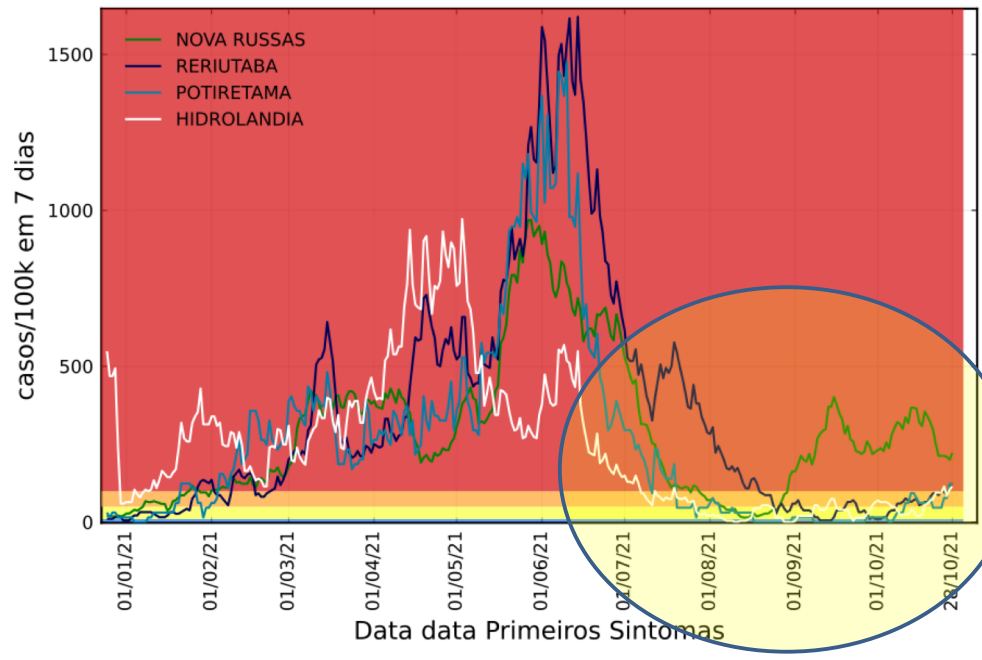
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