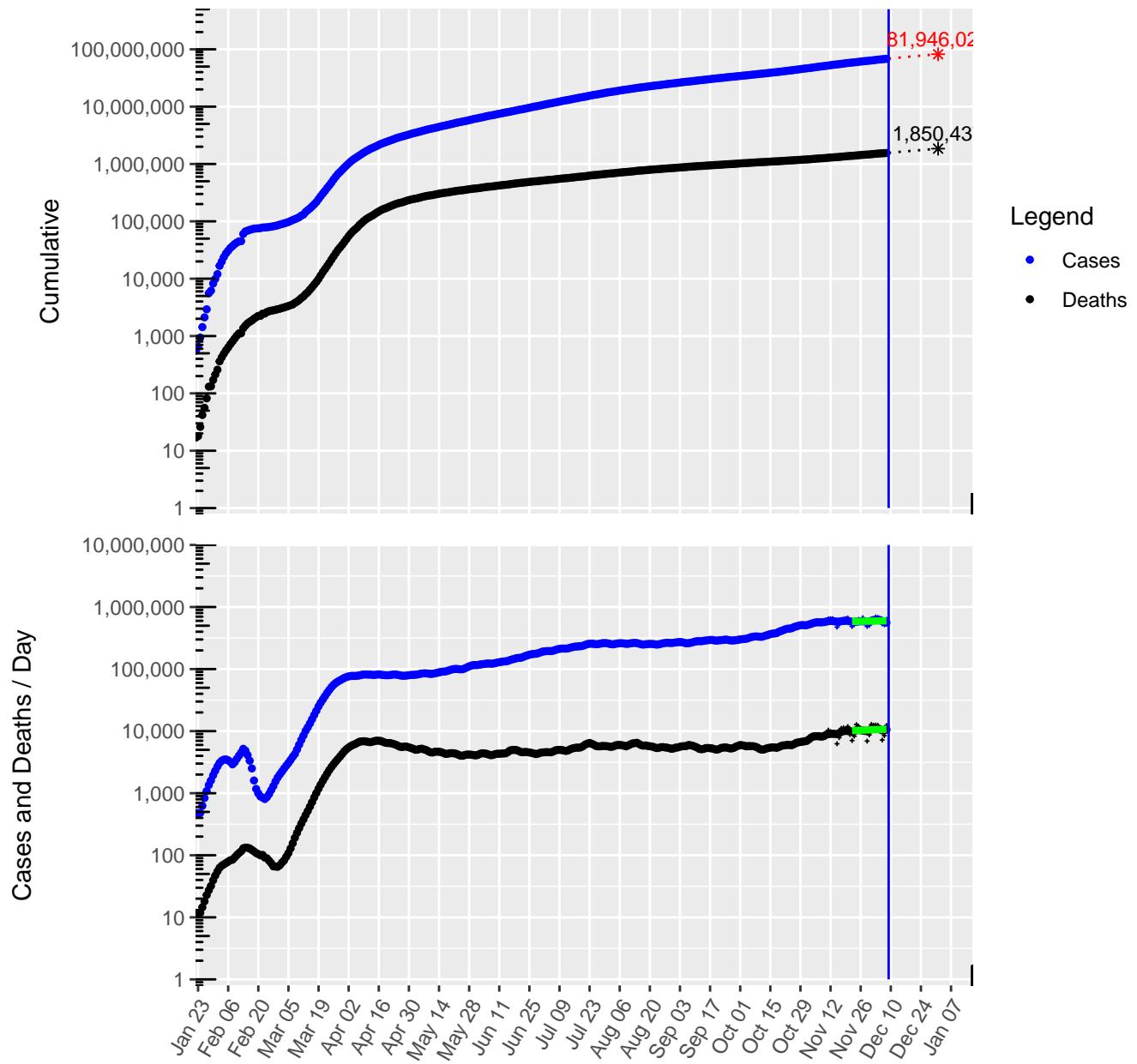
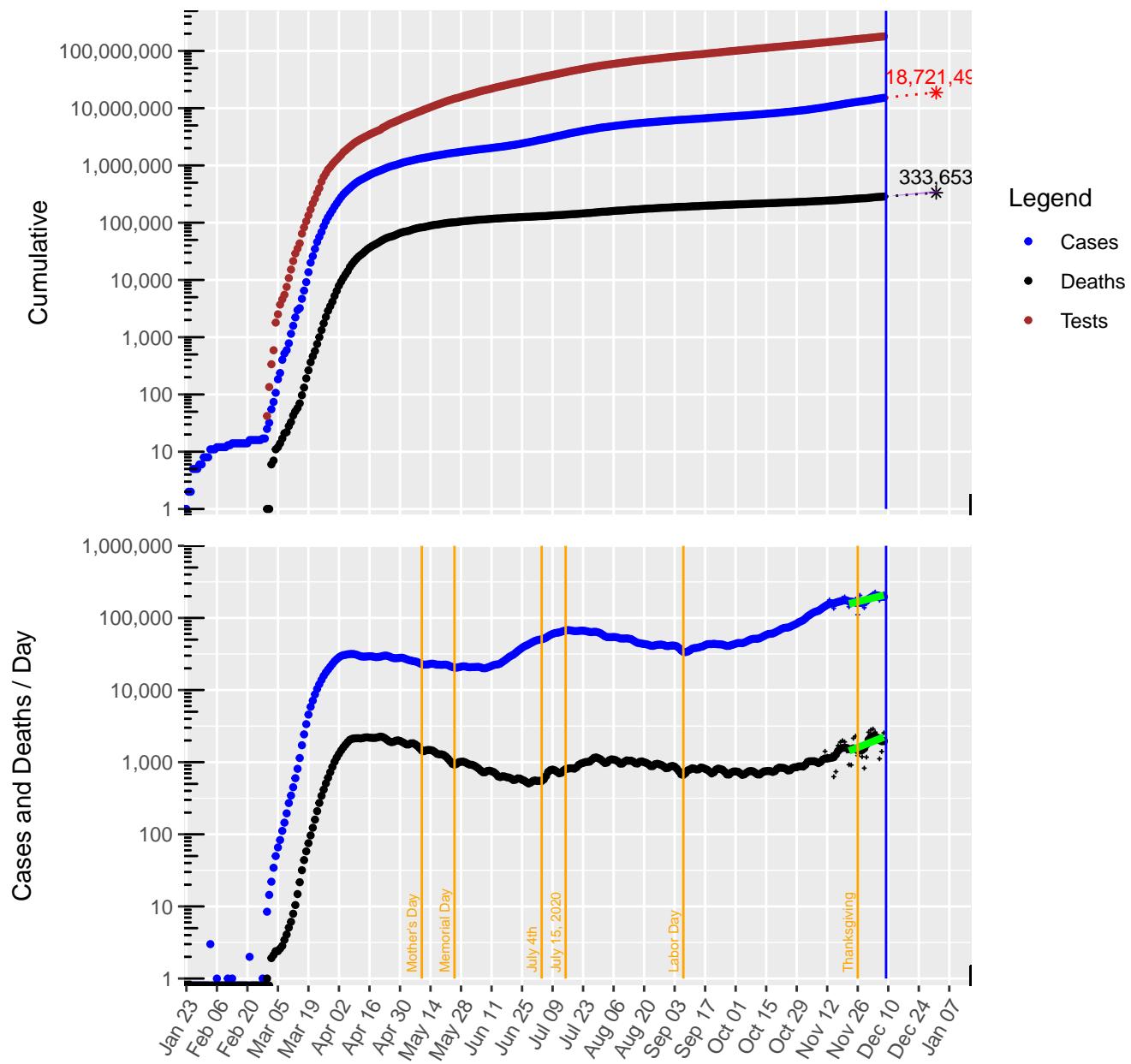


# Worldwide projection as of 2020-12-09



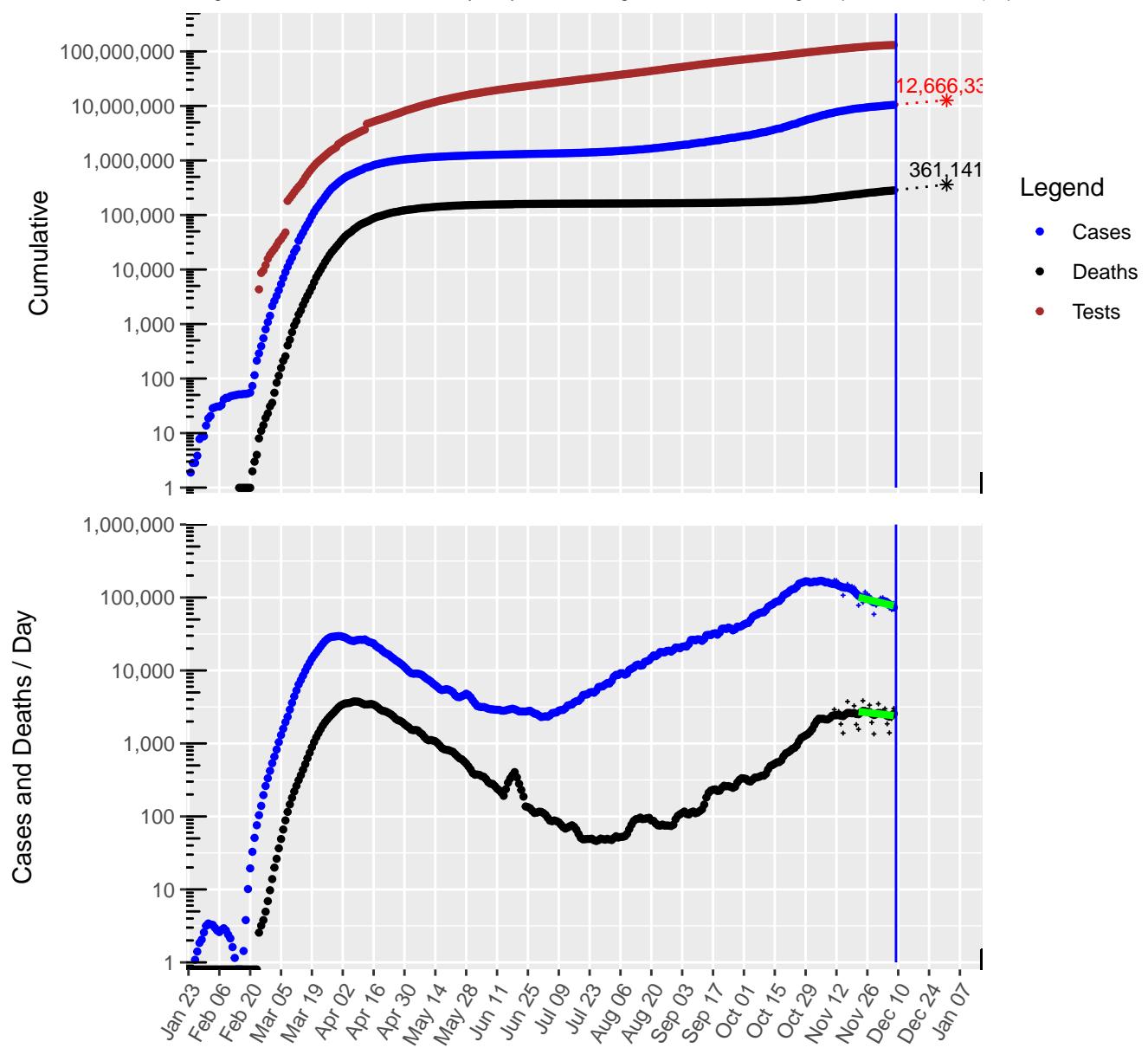
# USA projection as of 2020-12-09



286,249 (2,546) --- Case Mortality: 1.9% --- Daily Change: +1.8% Cases, +2.9% Deaths (over 16 days)

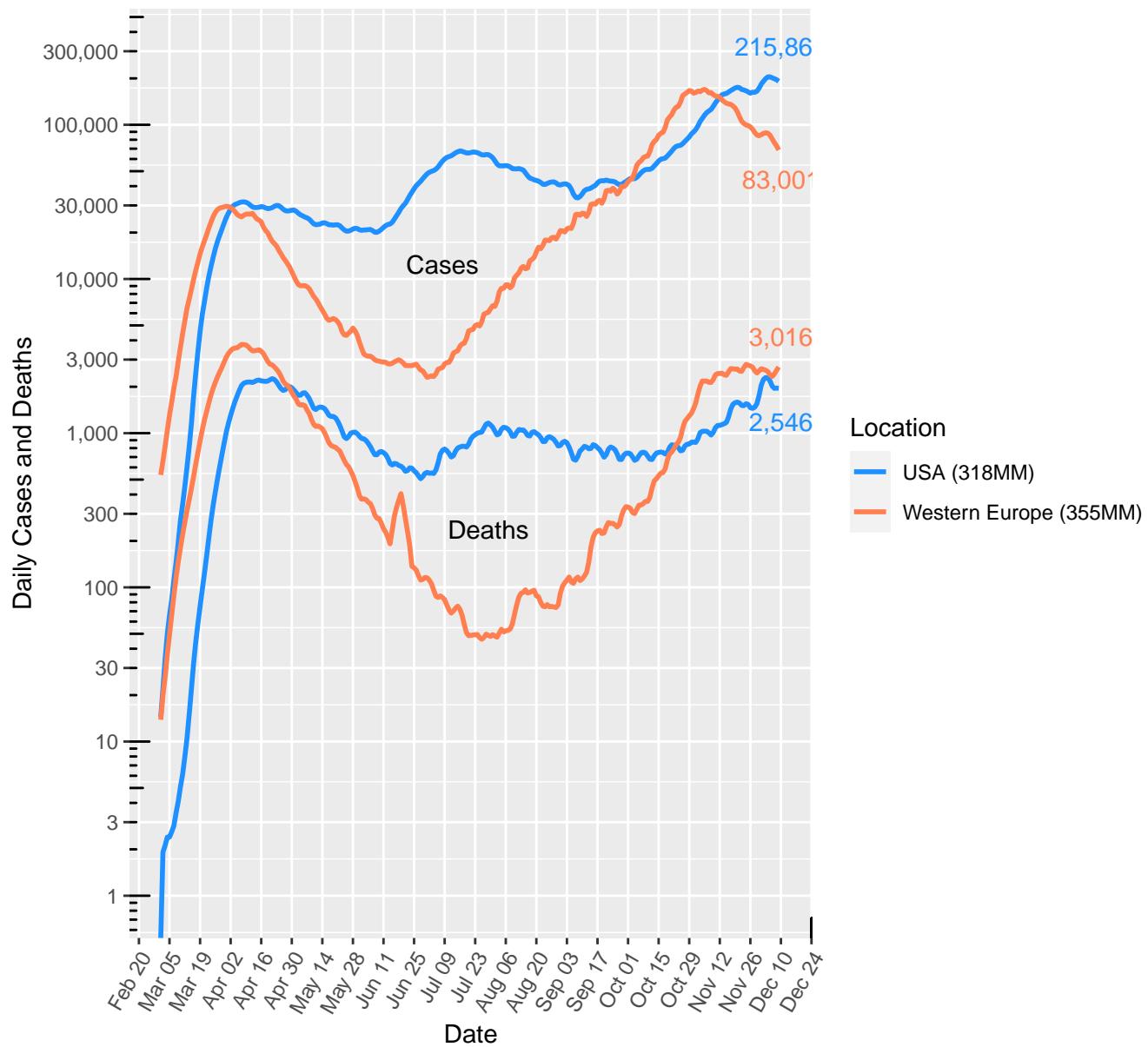
# Western Europe projection as of 2020-12-09

Belgium, France, Greece, Germany, Italy, Luxembourg, Netherlands, Portugal, Spain, and the UK (Population = 355MM)



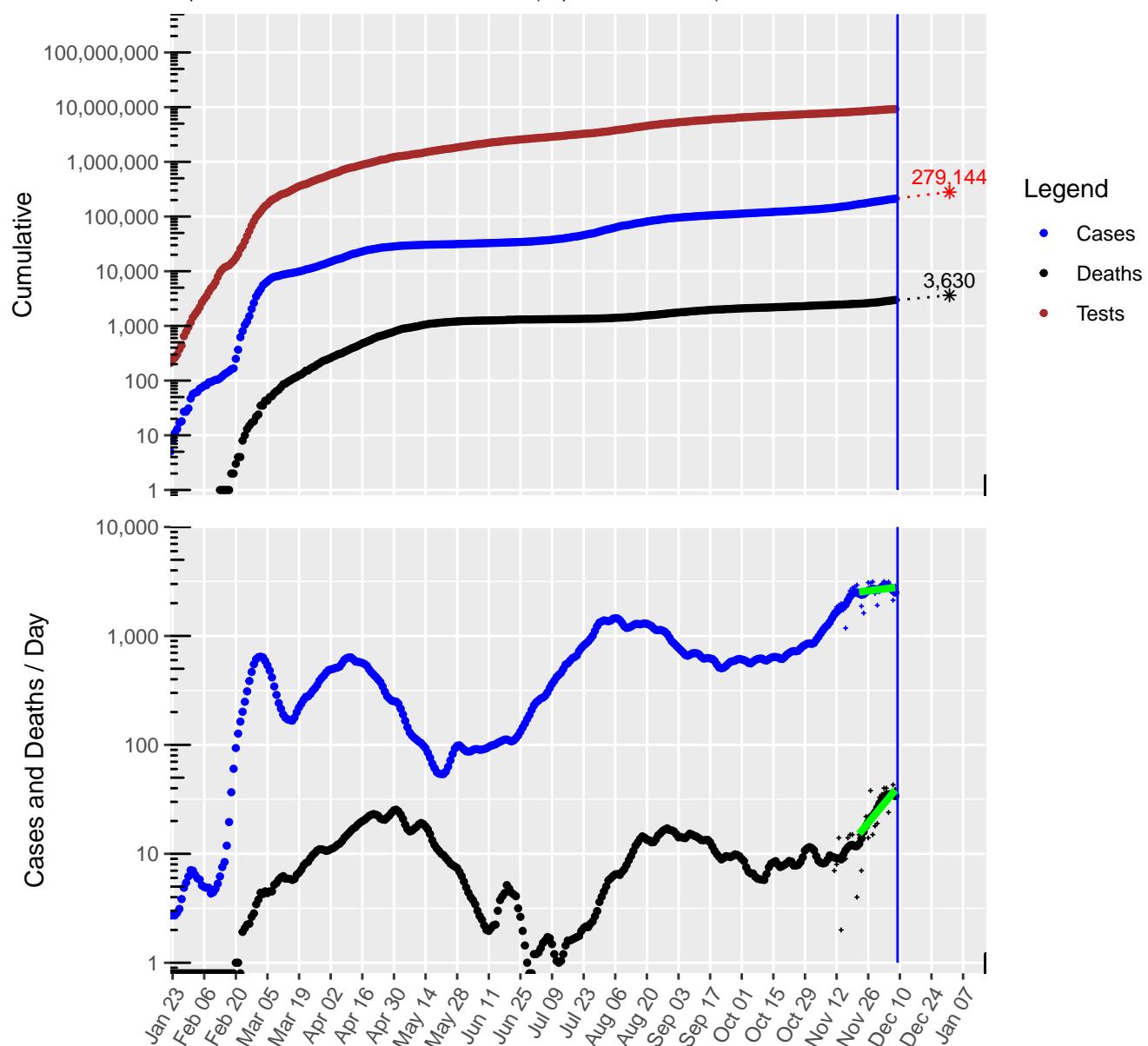
# COVID-19 Cases & Deaths in the USA & Europe

Log plot of 7 day average



# Non-authoritarian Asian ensemble projection as of 2020-12-09

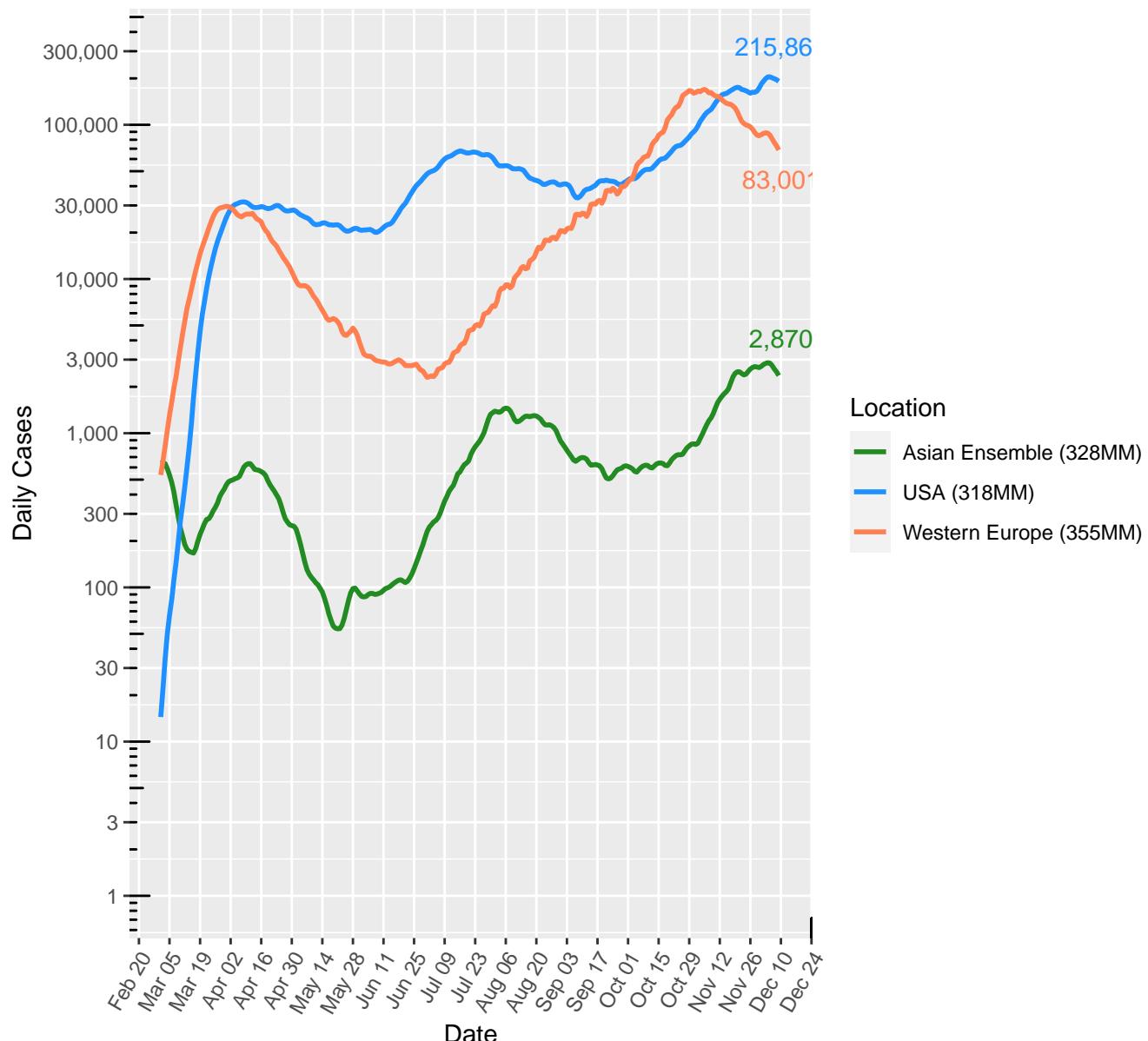
Japan, South Korea, Thailand, and Vietnam (Population = 328 MM)



Deaths: 2,985 (39) — Case Mortality: 1.4% — Daily Change: +0.6% Cases, +5.8% Deaths (over 16 days)

# COVID-19 Cases in the USA, Western Europe, and the Asian Ensemble

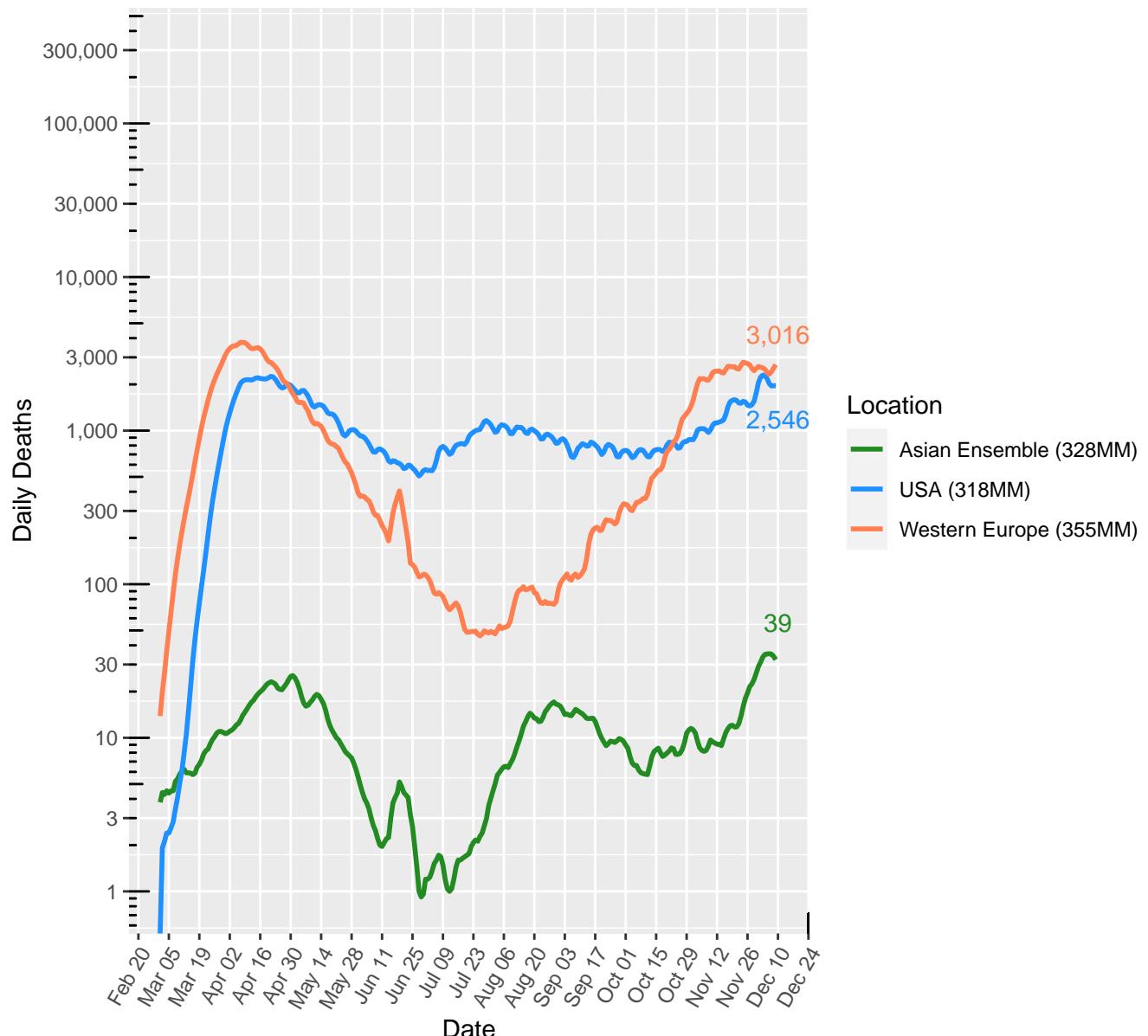
Log plot of 7 day average



Asian Ensemble: Japan, South Korea, Thailand, and Vietnam (Population = 328 MM)

# COVID-19 Deaths among the USA, Western Europe, and the Asian Ensemble

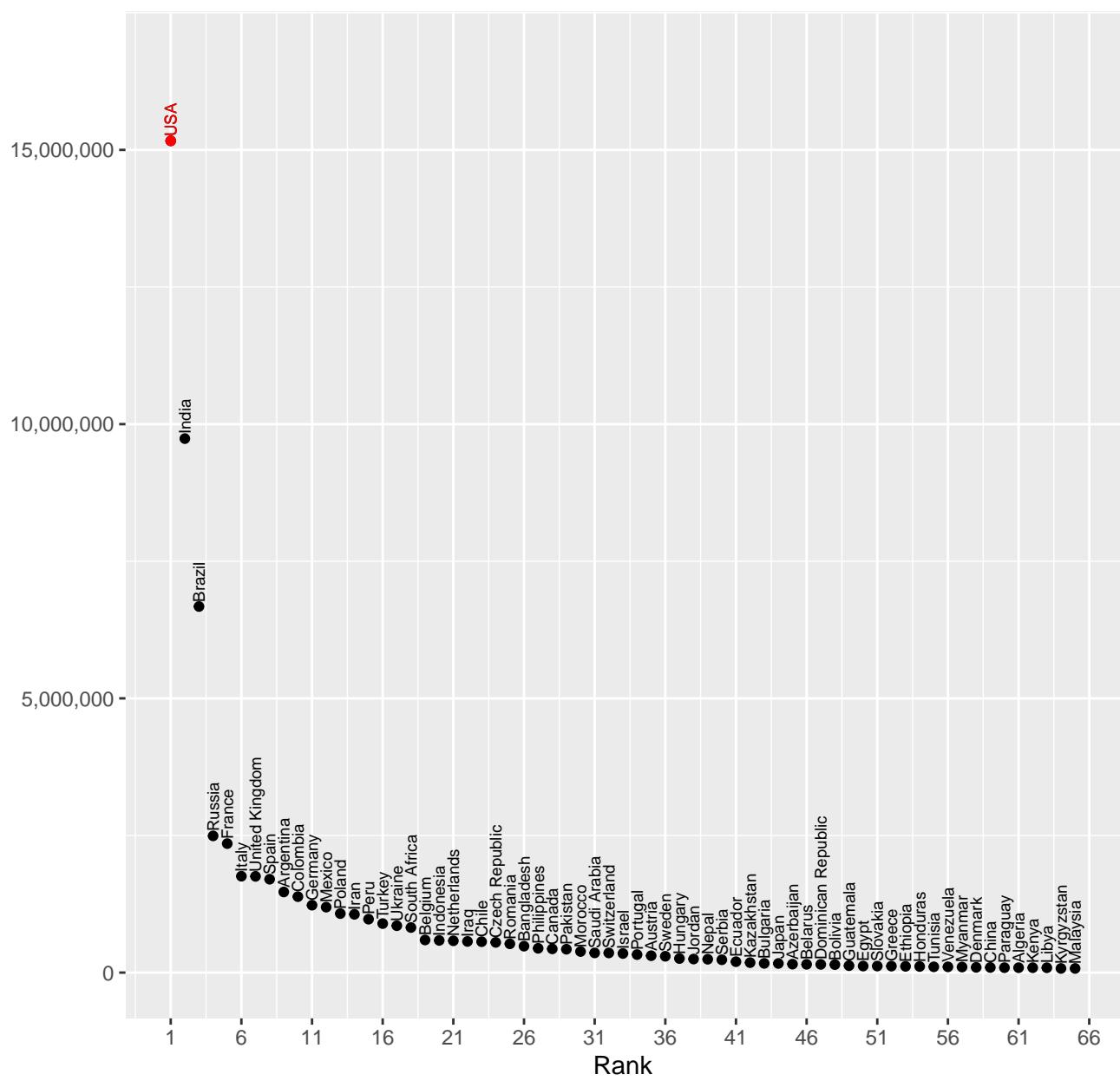
Log plot of 7 day average



Asian Ensemble: Japan, South Korea, Thailand, and Vietnam (Population = 328 MM)

# Worldwide cases as of 2020-12-09

Total cases to date



Excludes countries with population < 5,000,000

# Worldwide cases as of 2020-12-09

Total cases to date

1 in 17 -

1 in 20 -

1 in 25 -

1 in 33 -

1 in 50 -

1 in 100 -

None -

1

6

11

16

21

26

31

36

41

46

51

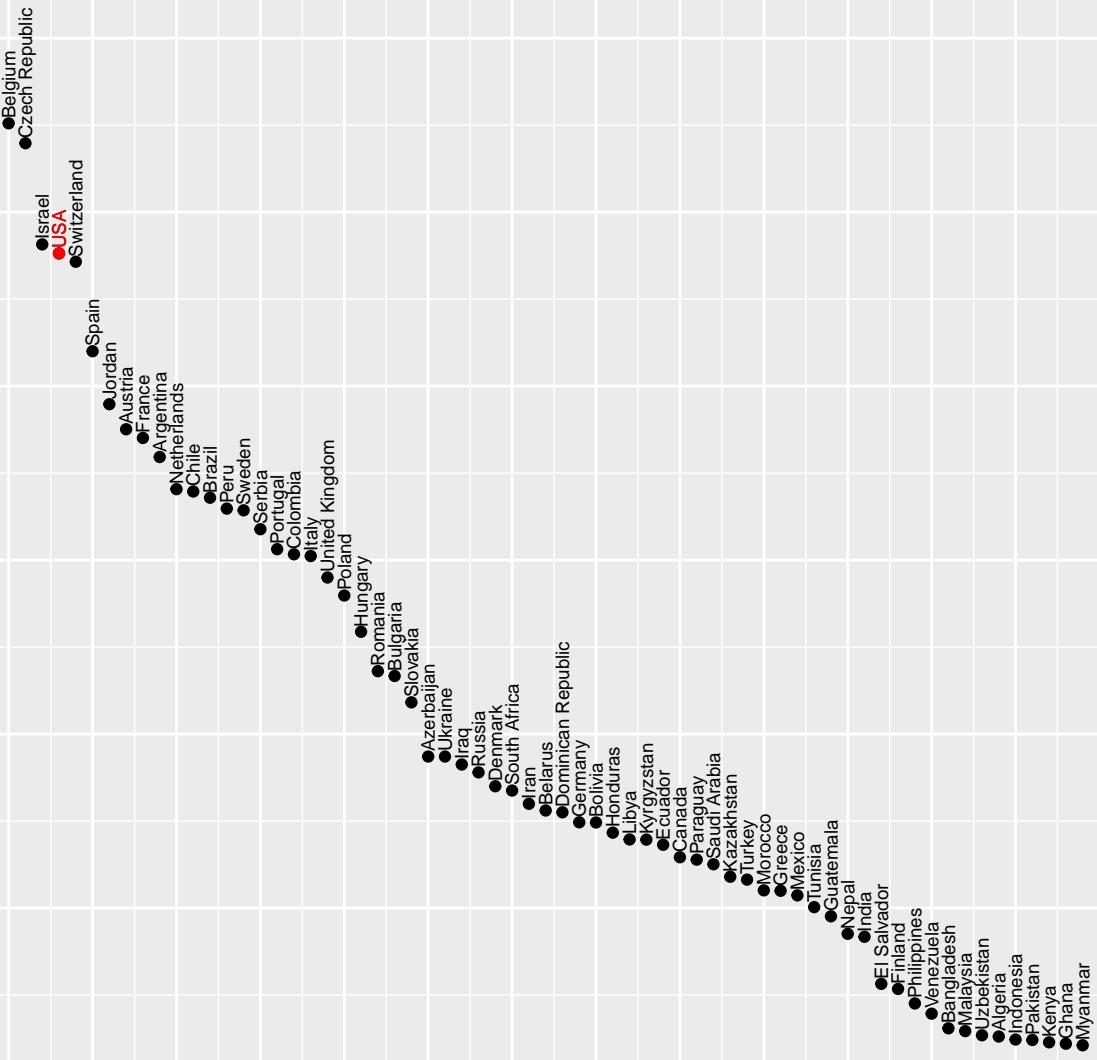
56

61

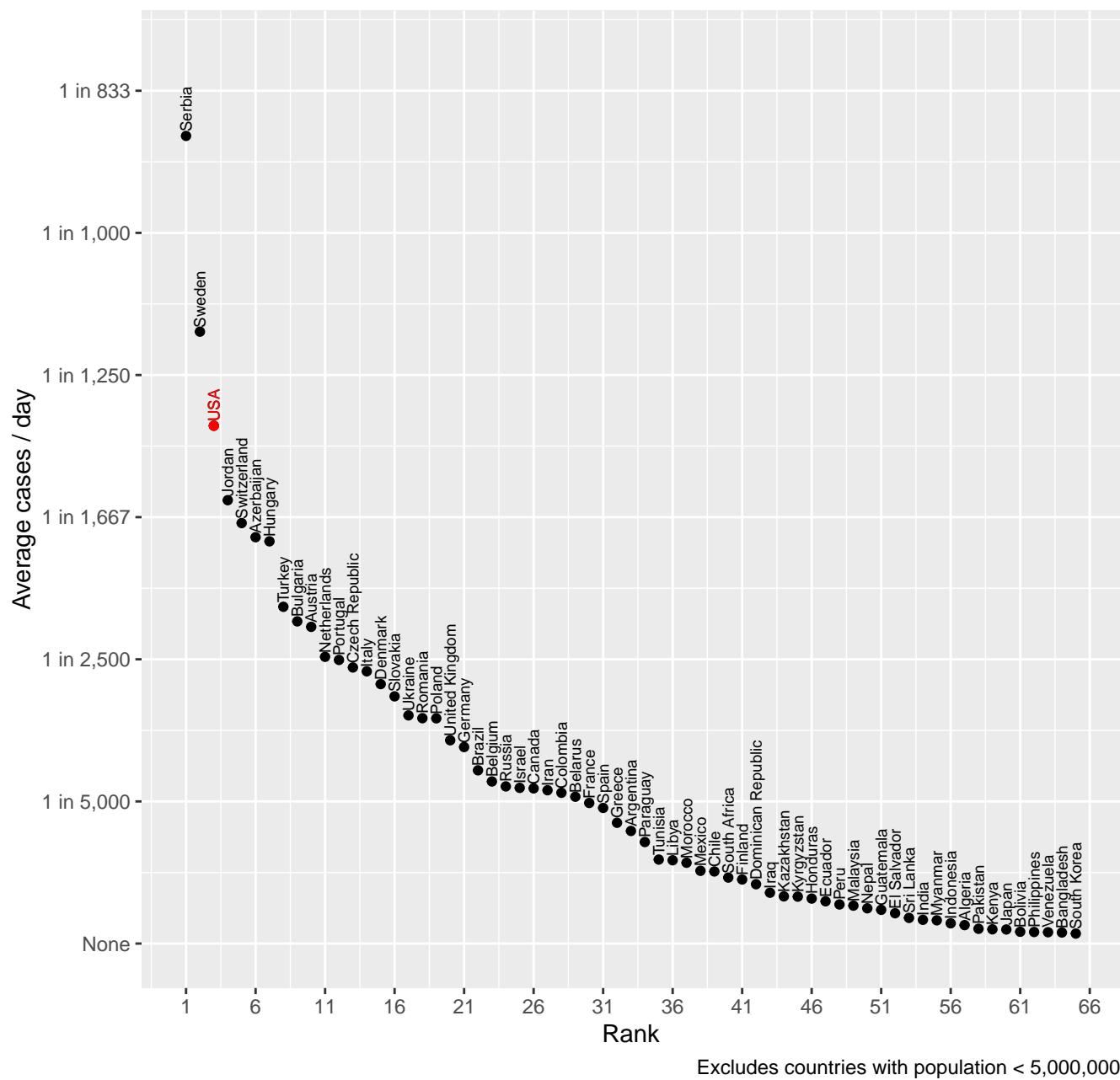
66

Rank

Excludes countries with population < 5,000,000



# Average new cases over past 7 days as of 2020-12-09



# Worldwide deaths as of 2020–12–09

Total deaths to date

300,000

200,000

100,000

0

1

6

11

16

21

26

31

36

41

46

51

56

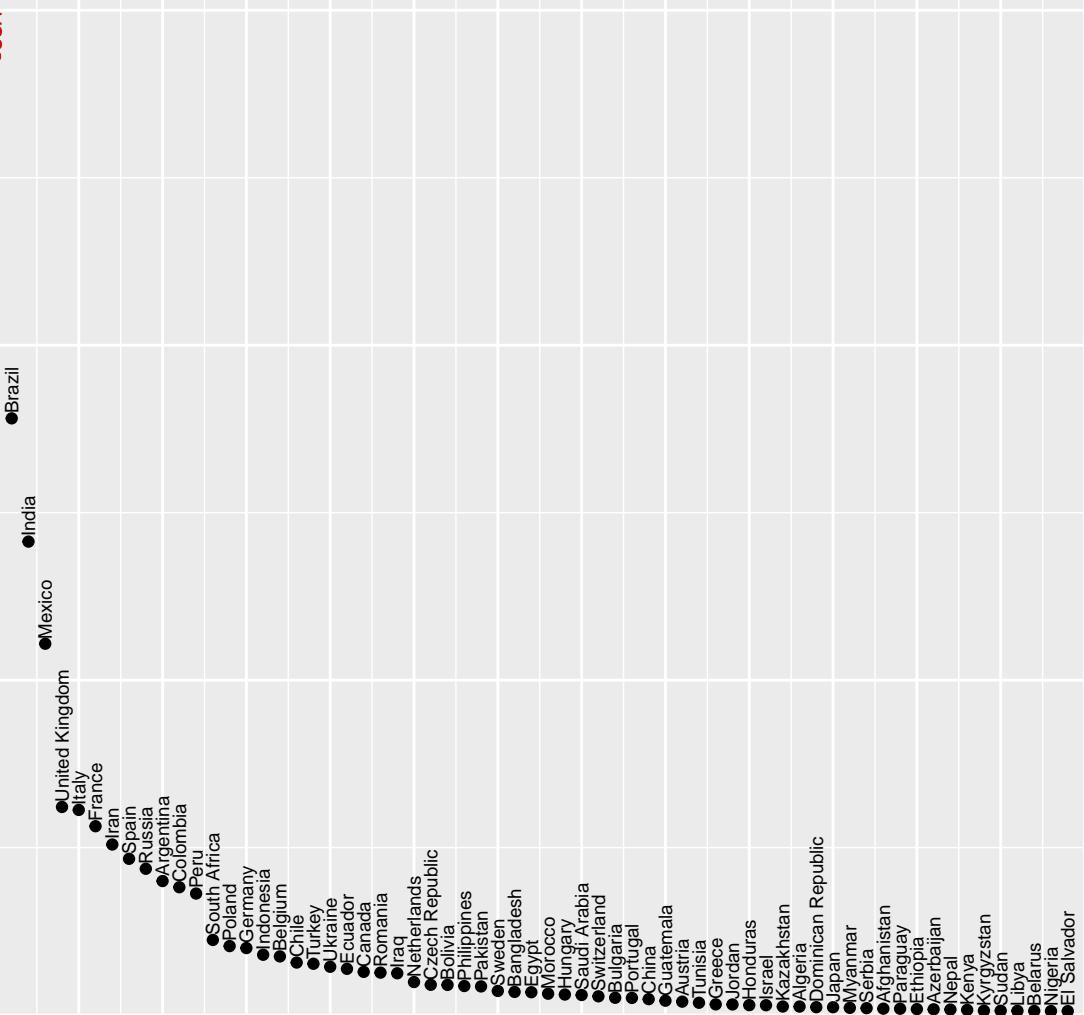
61

66

Rank

Excludes countries with population < 5,000,000

USA



# Worldwide deaths as of 2020-12-09

Total deaths to date

1 in 667 -

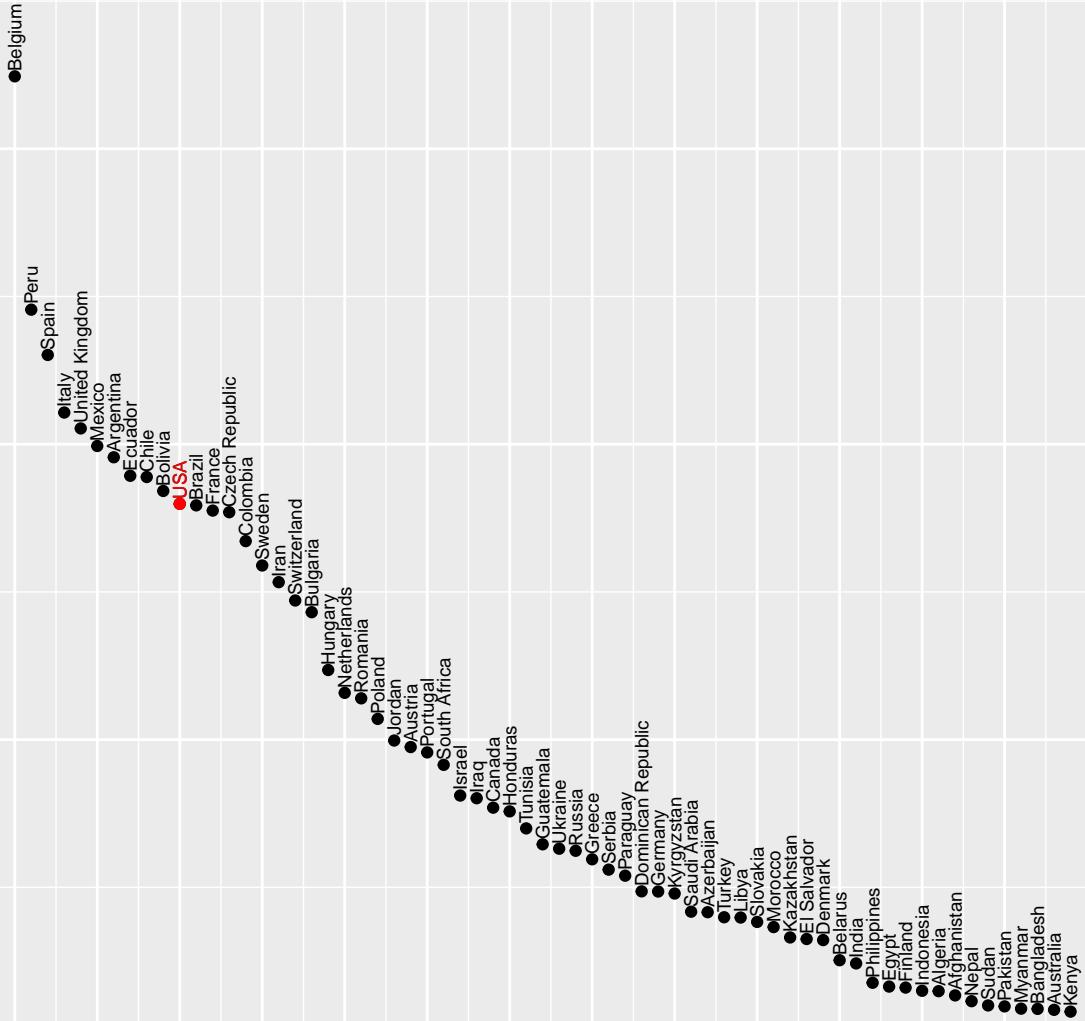
1 in 1,000 -

1 in 2,000 -

None -

Rank

Excludes countries with population < 5,000,000



# Average daily deaths over past 7 days as of 2020-12-09

1 in 40,000

Bulgaria

Hungary

Switzerland

Austria

Poland

Belgium

Greece

Czech Republic

Jordan

Serbia

Romania

United Kingdom

Portugal

Sweden

France

USA

Mexico

Iran

Germany

Azerbaijan

Spain

Tunisia

Slovakia

Ukraine

Colombia

Argentina

Russia

Brazil

Netherlands

Ecuador

Canada

Turkey

Paraguay

South Africa

Chile

Morocco

Peru

Denmark

Libya

Guatemala

Israel

El Salvador

Kazakhstan

Iraq

Belarus

Kirgizstan

Finland

Bolivia

Nepal

Indonesia

Myanmar

Honduras

Afghanistan

Saudi Arabia

India

Algeria

Philippines

Pakistan

Zimbabwe

Syria

Japan

Sudan

Egypt

Kenya

None

1

6

11

16

21

26

31

36

41

46

51

56

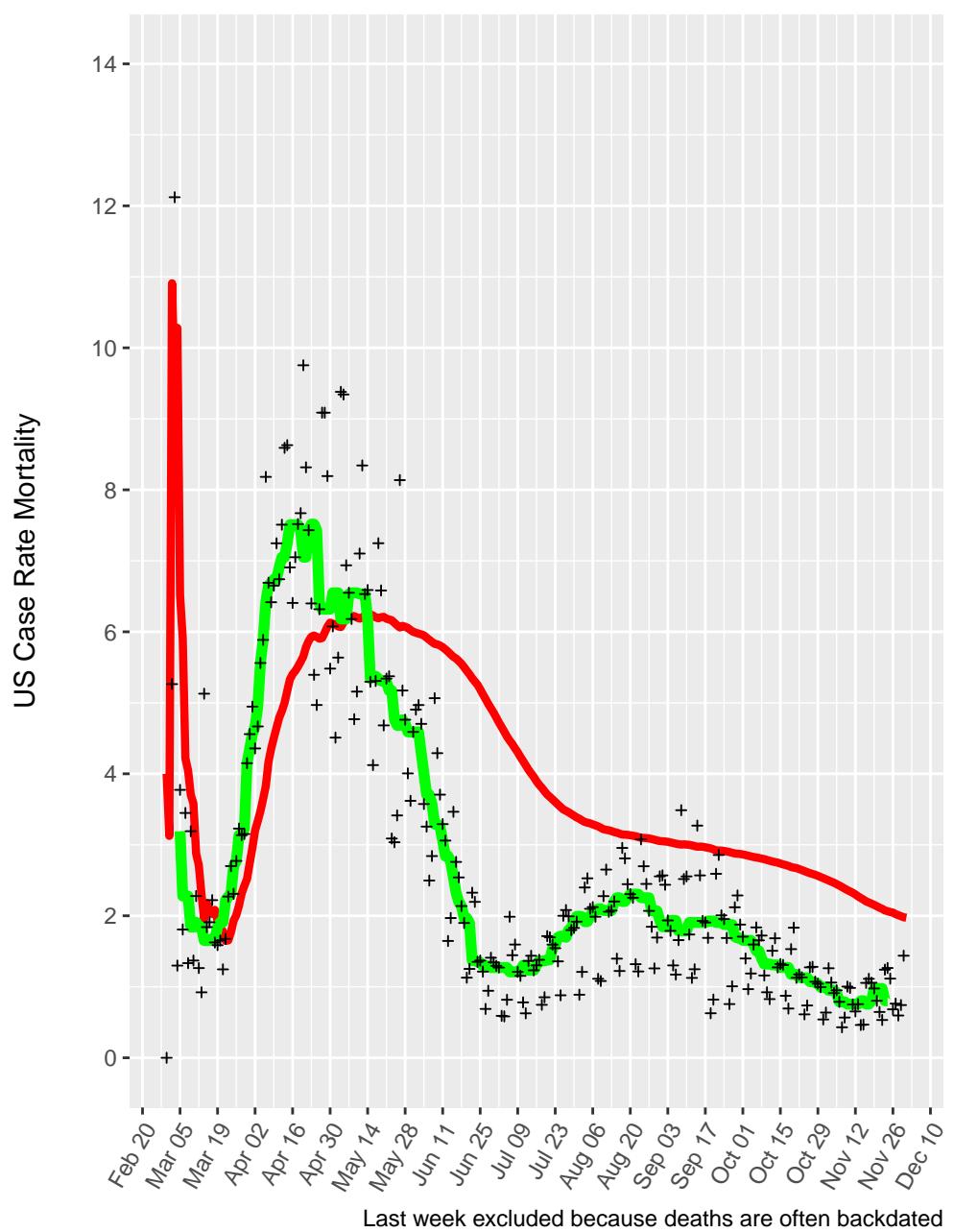
61

66

Rank

Excludes countries with population < 5,000,000

# Daily vs. Cumulative US Case Rate Mortality

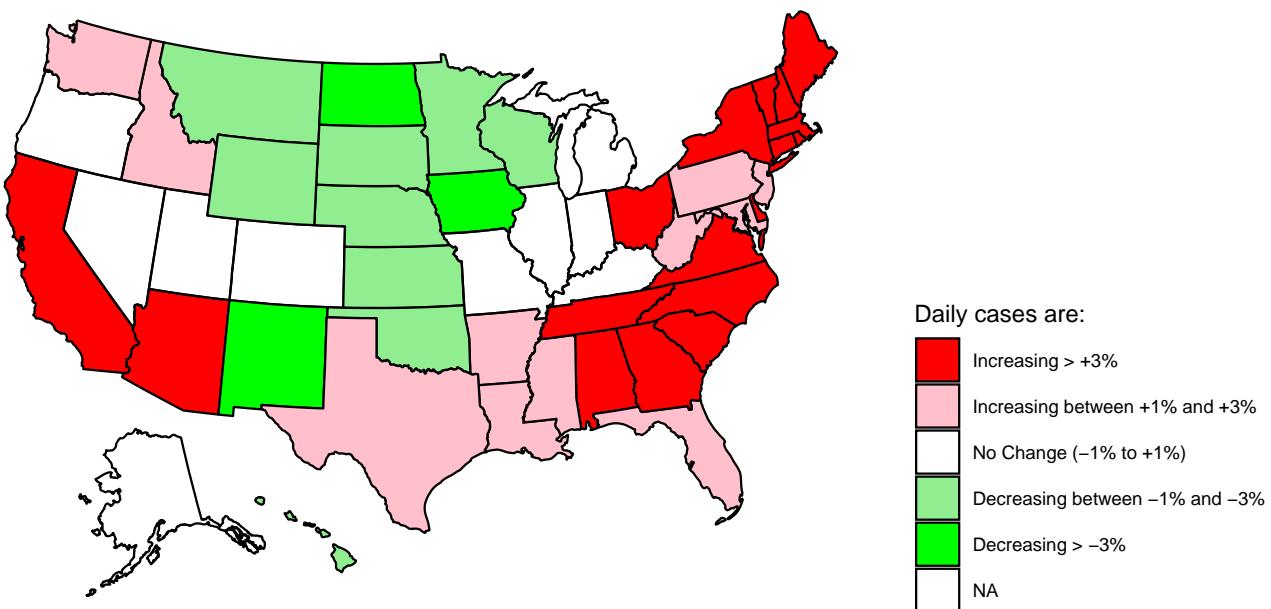


Mortality Type:

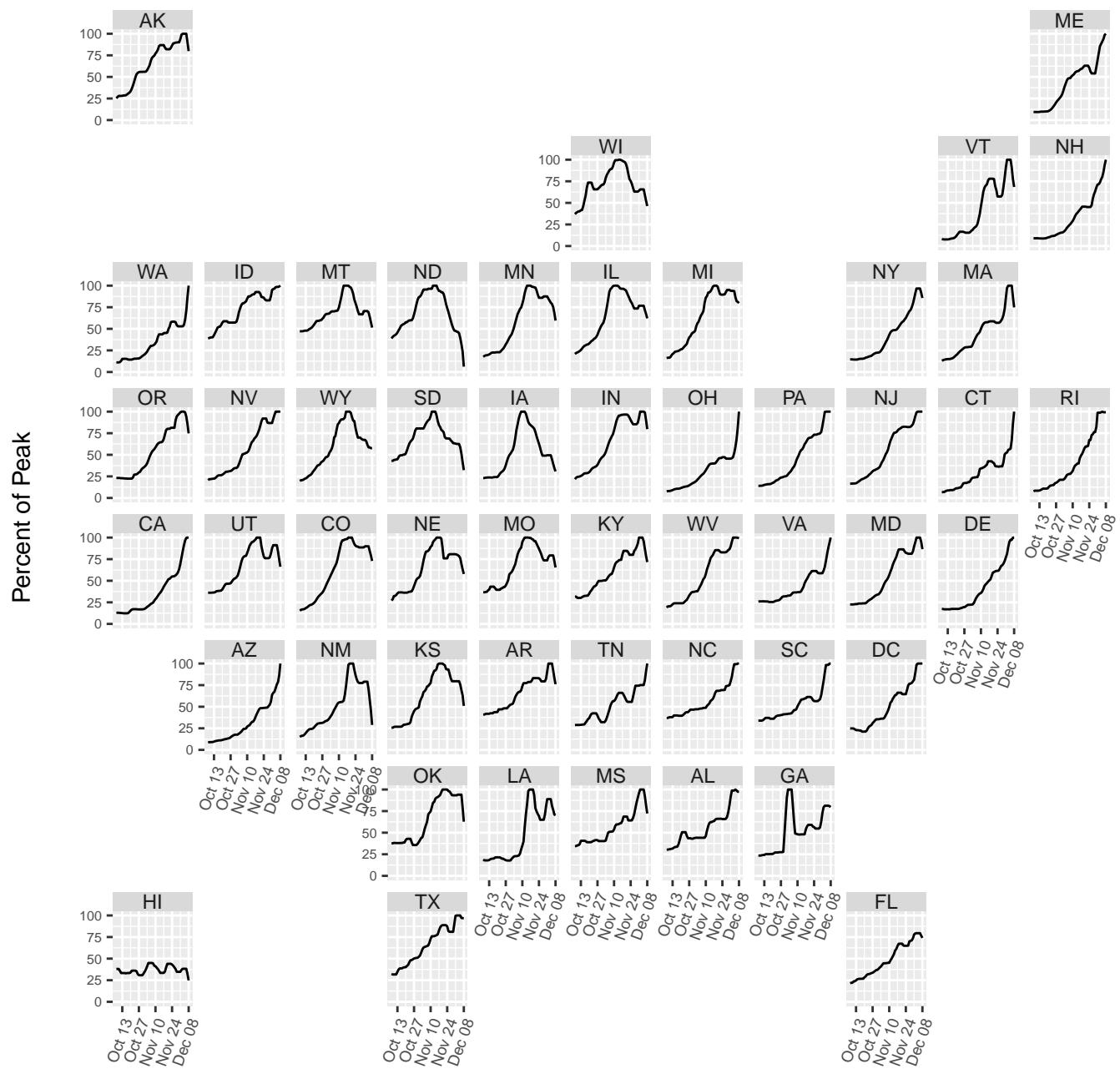
- 13 day rolling median
- Cumulative
- Daily Raw

Last week excluded because deaths are often backdated

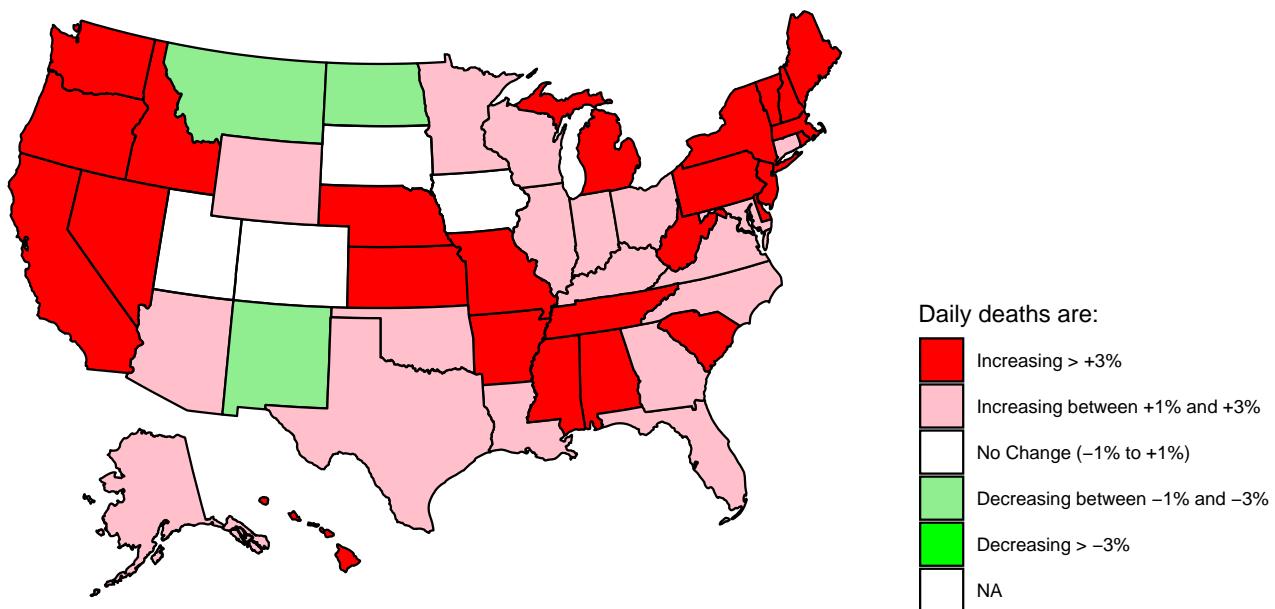
Change in daily cases over 16 days as of 2020-12-09



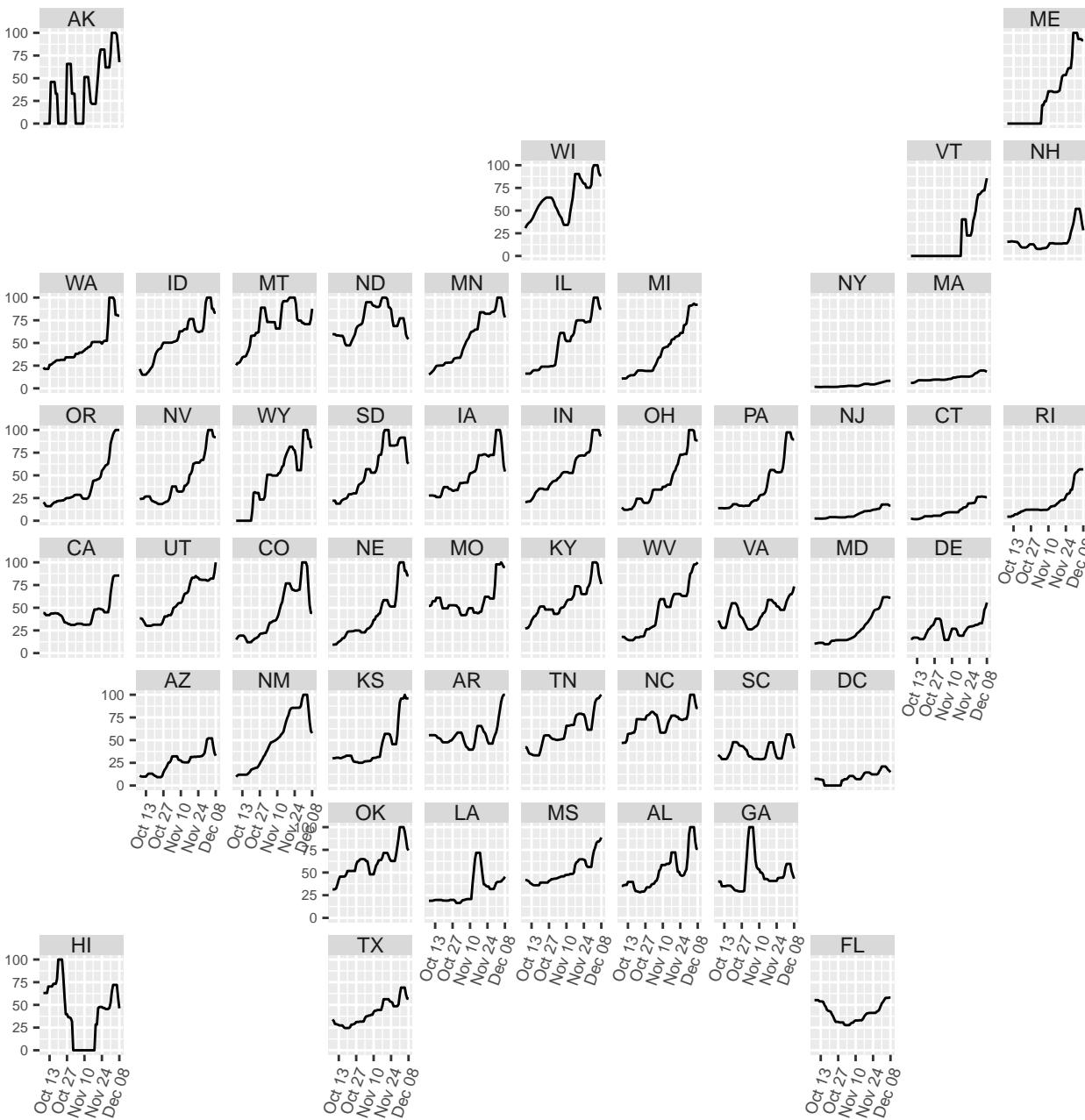
## Daily Cases as a Percent of Peak Cases



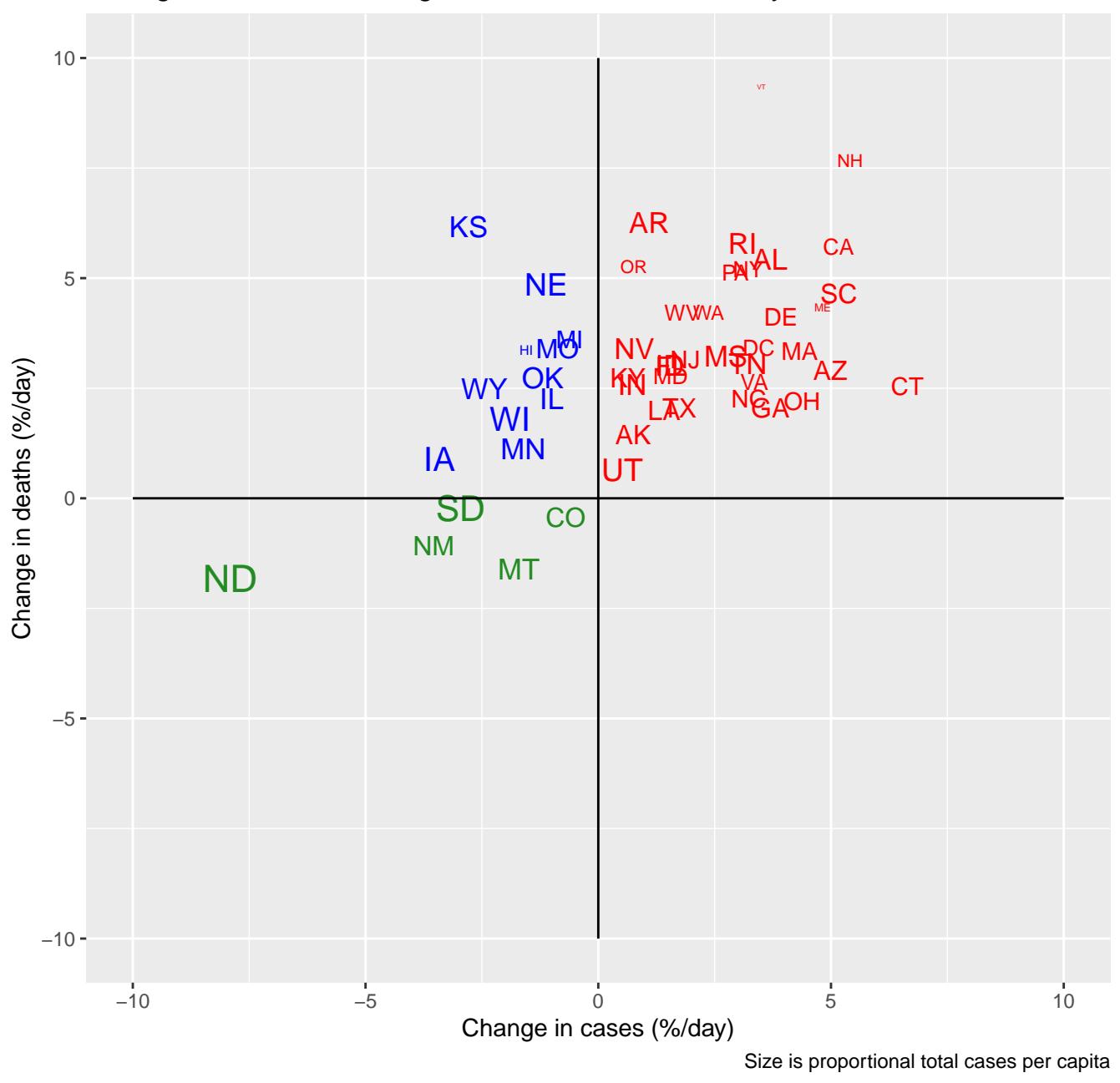
Change in daily deaths over 16 days as of 2020-12-09



## Daily Deaths as a Percent of Peak Deaths

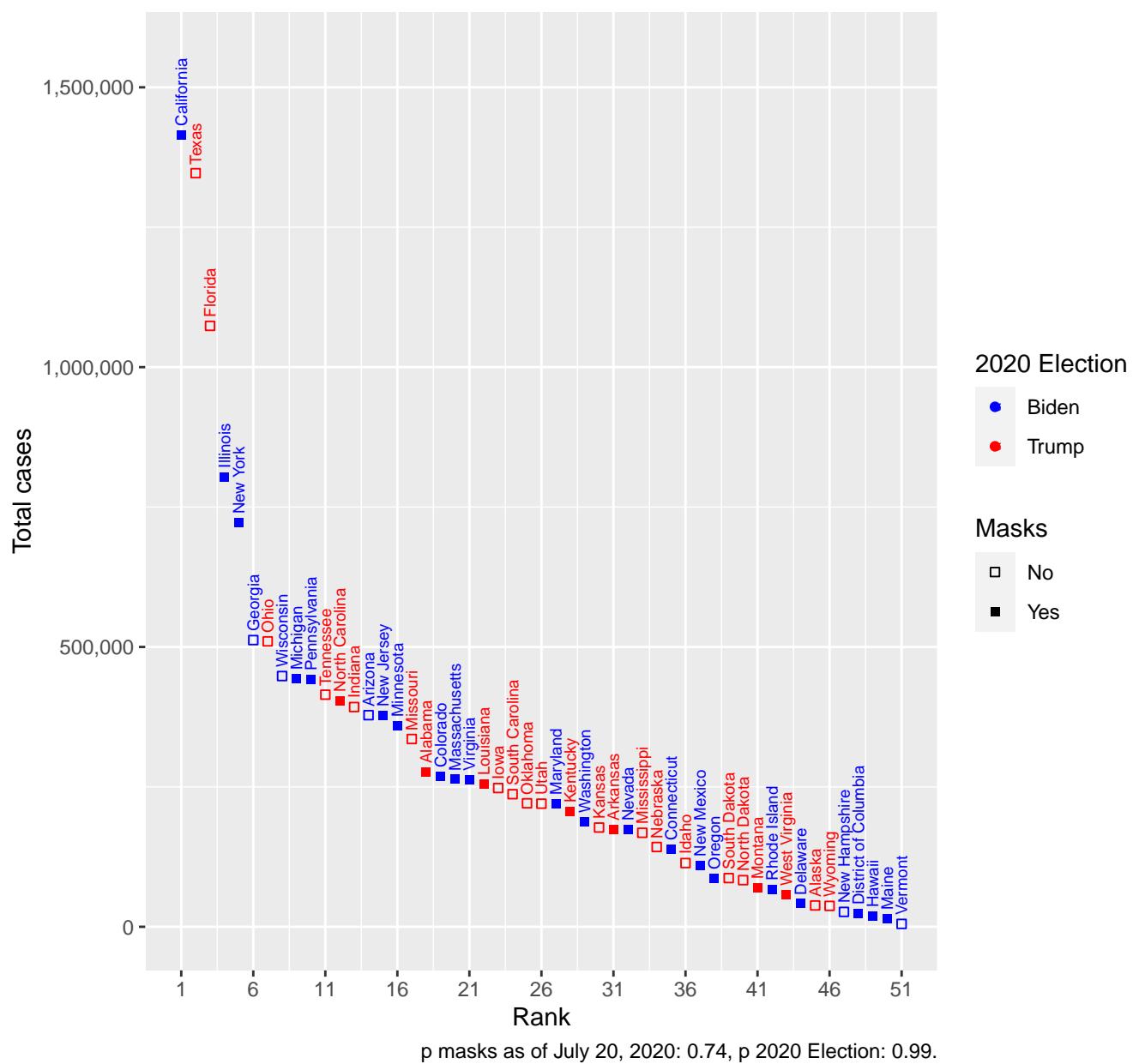


# Change in cases vs. change in deaths over last 16 days as of 2020-12-09



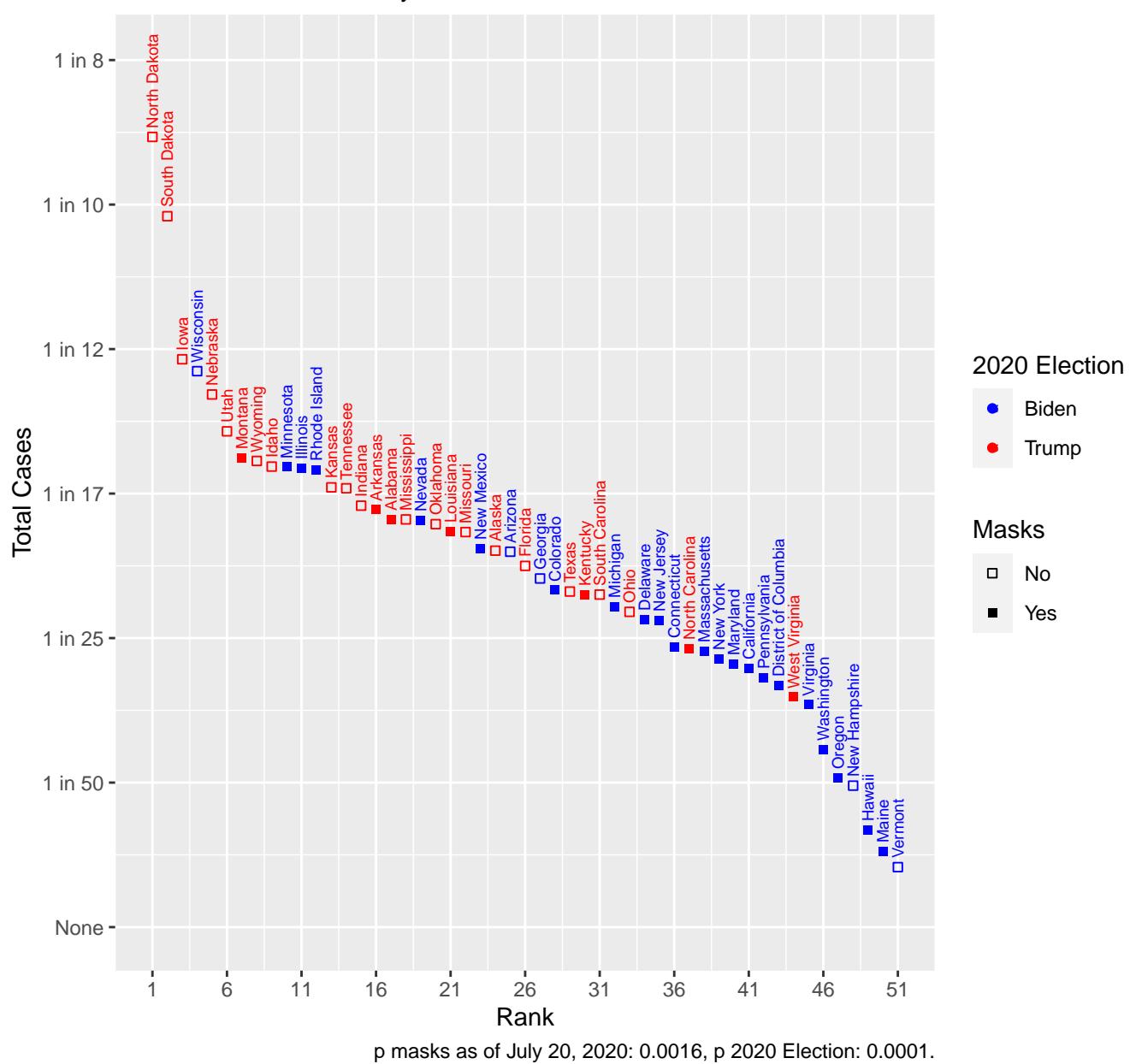
# Total US COVID-19 Cases as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



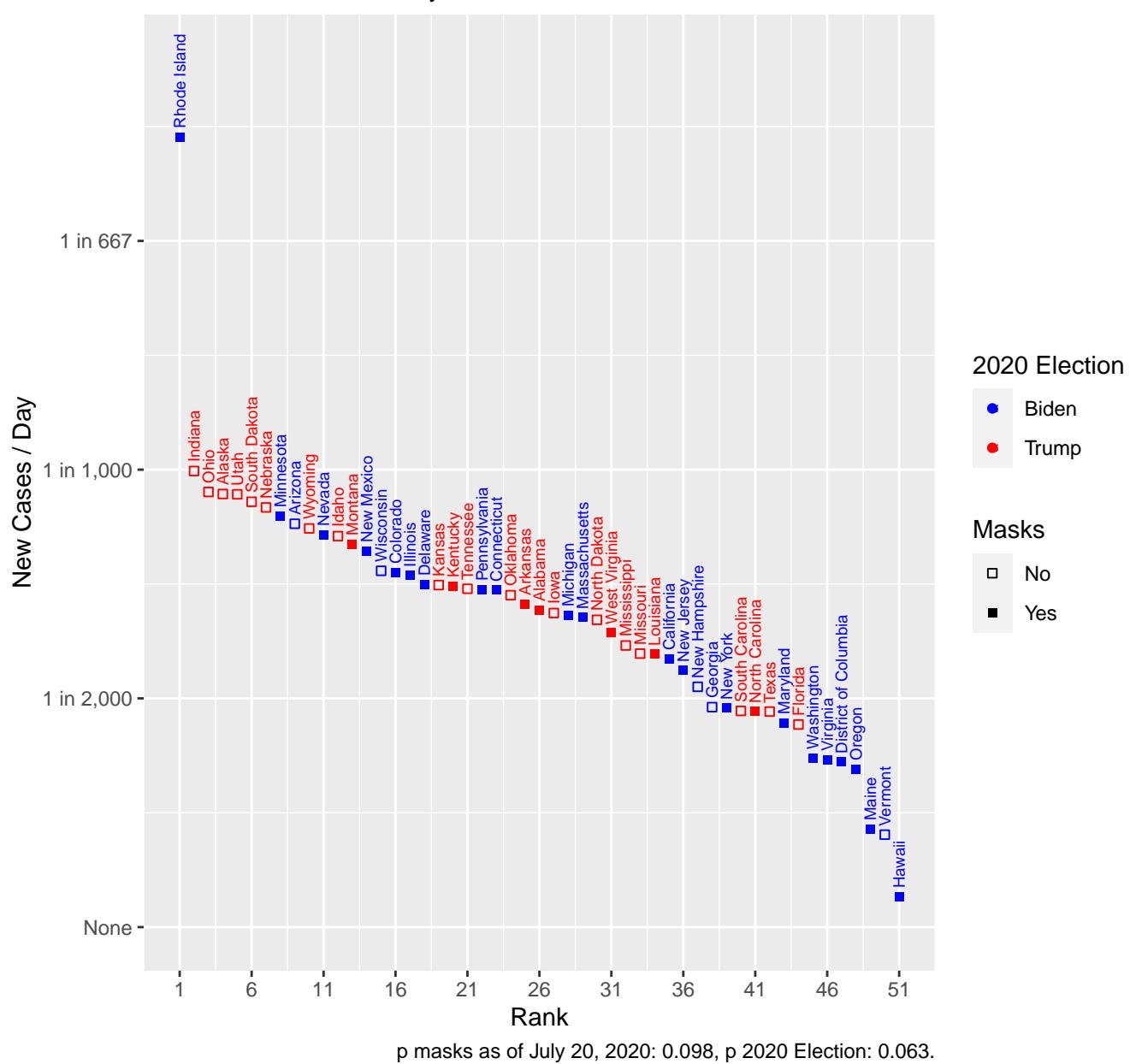
# Total US COVID-19 Cases as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



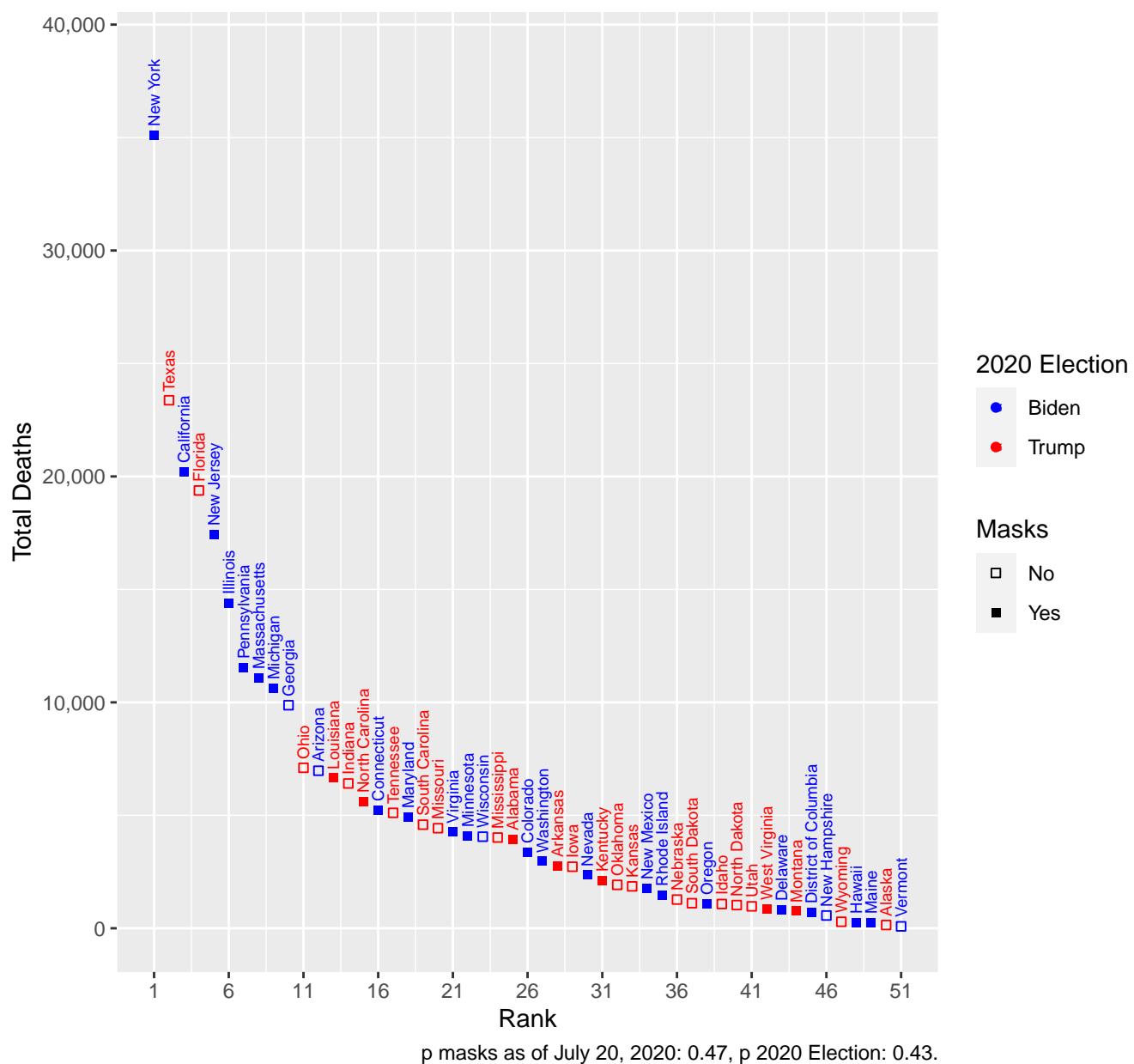
# Average US COVID-19 cases over the past 7 days as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



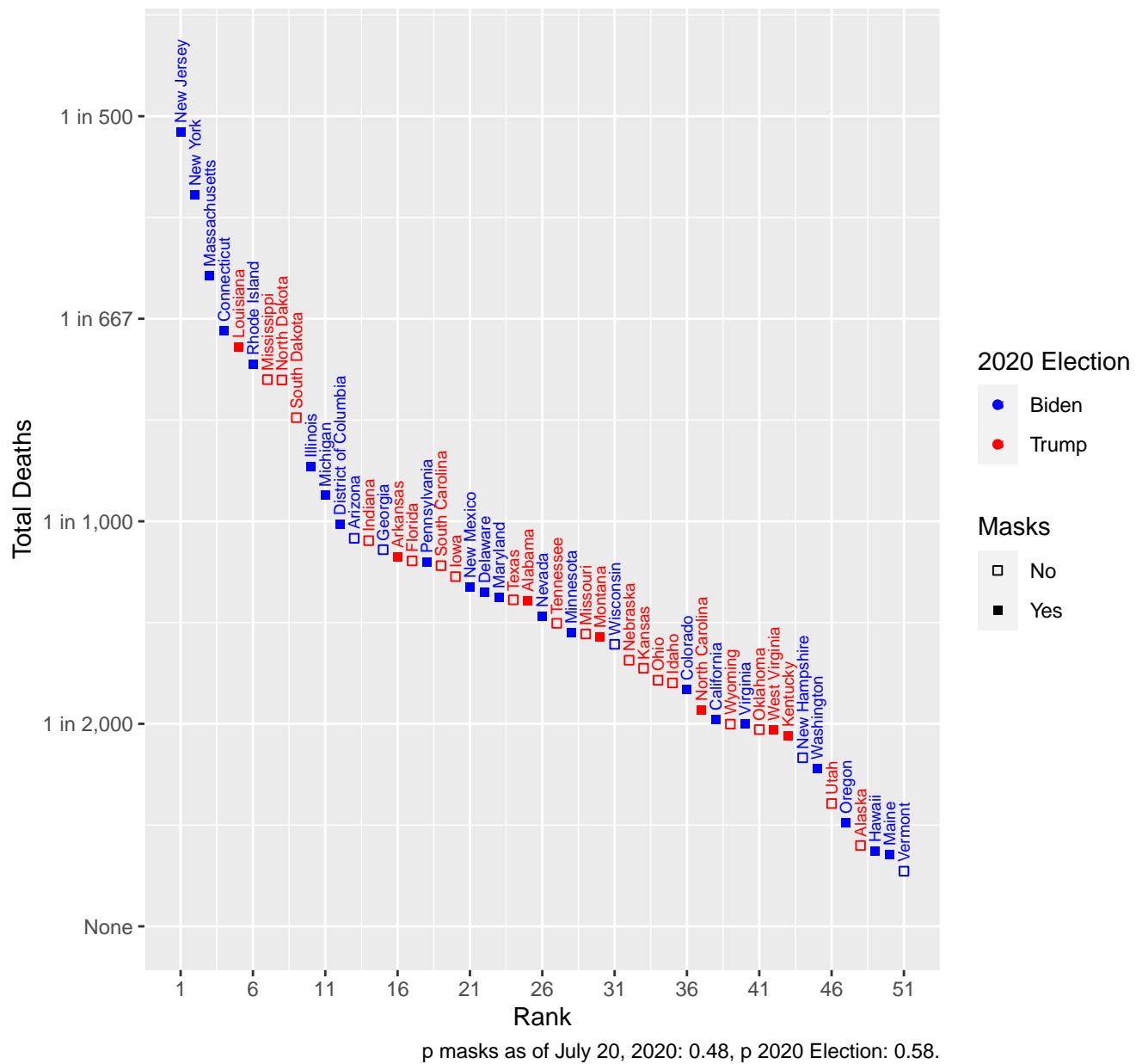
# Total US COVID-19 Deaths as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



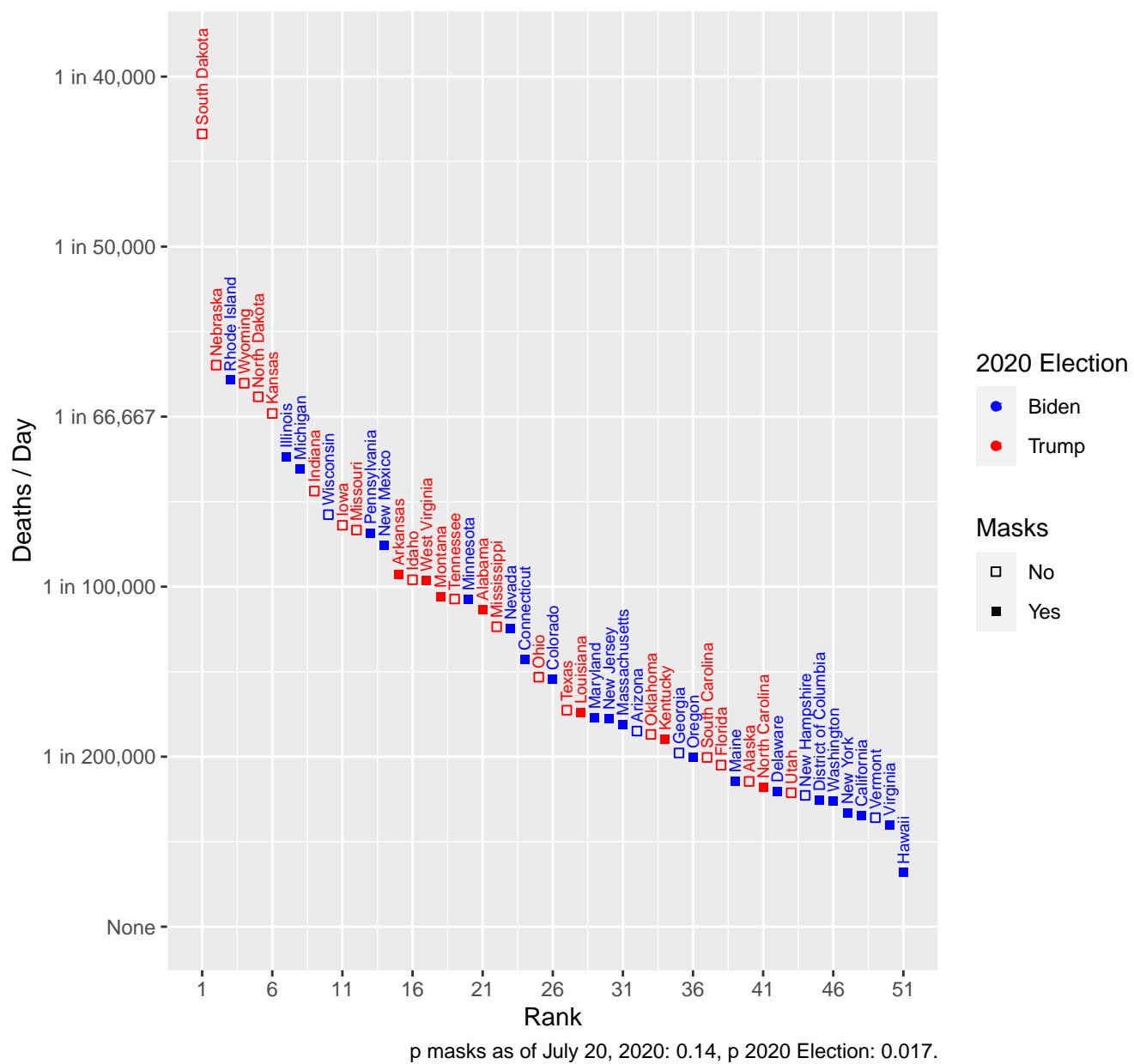
# Total US COVID-19 Deaths as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



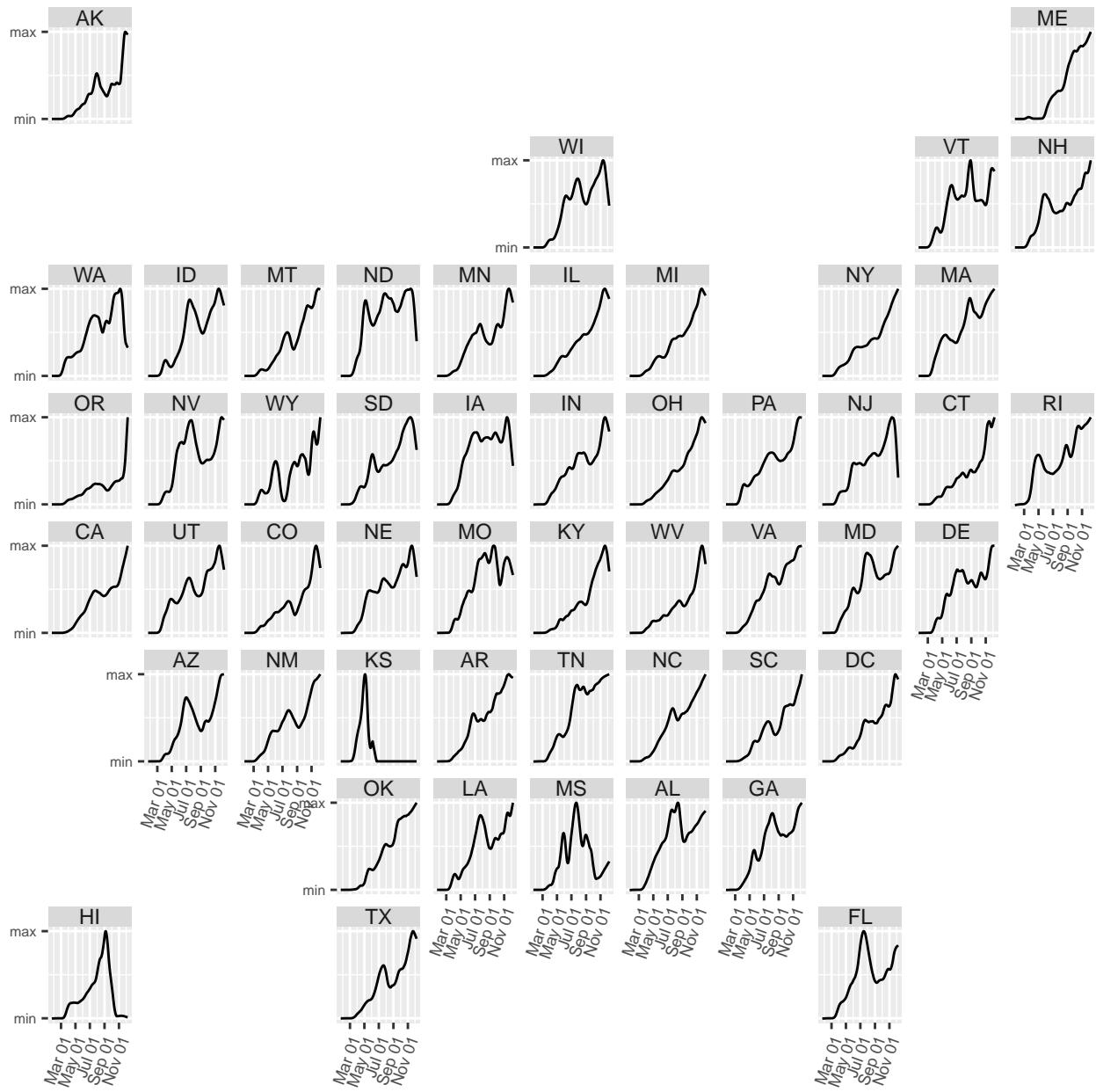
# Average US COVID-19 deaths over the past 7 days as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



# Daily testing trends from min to max

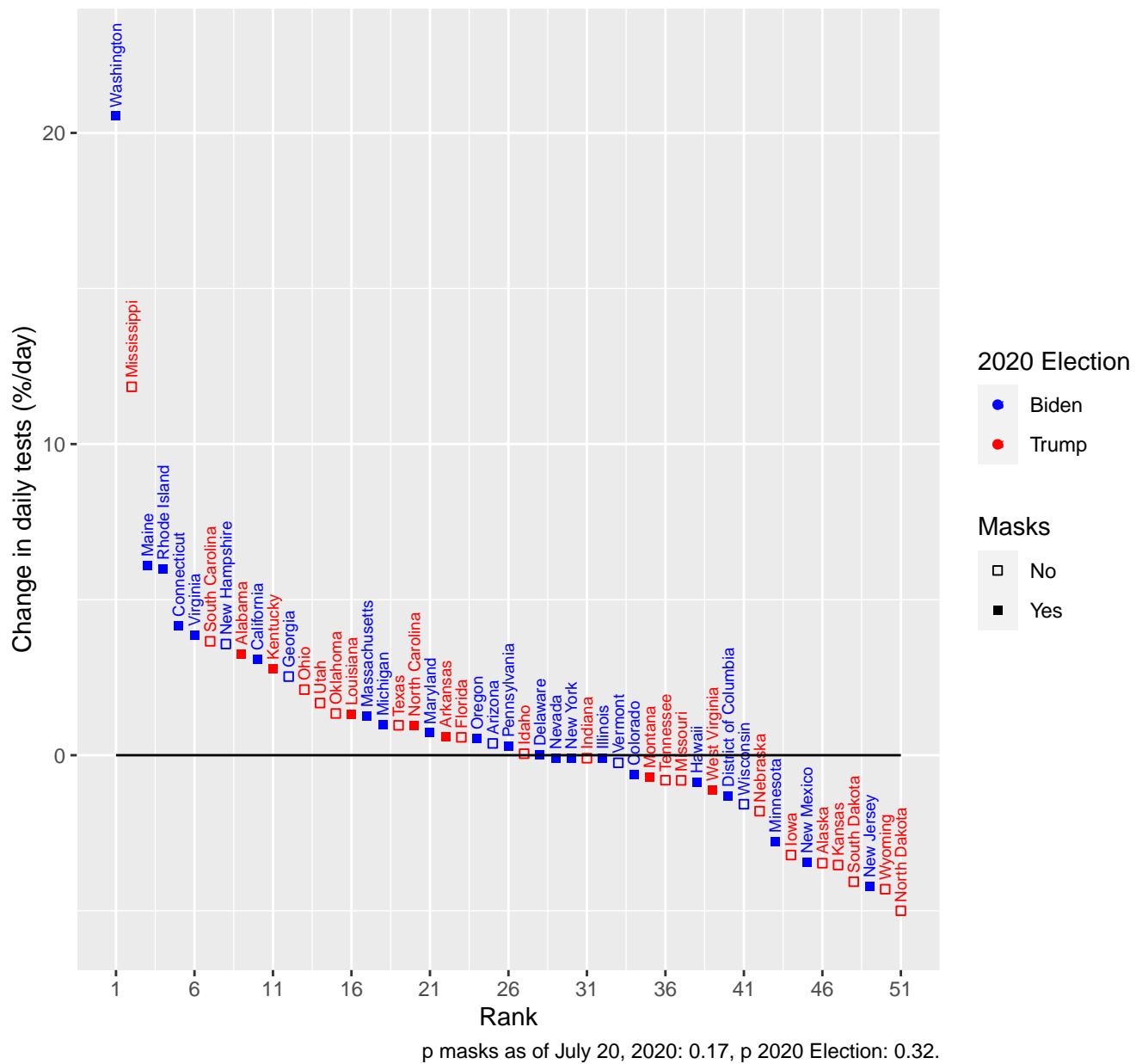
Daily testing from min to max



Line = Friedman's supersmusher

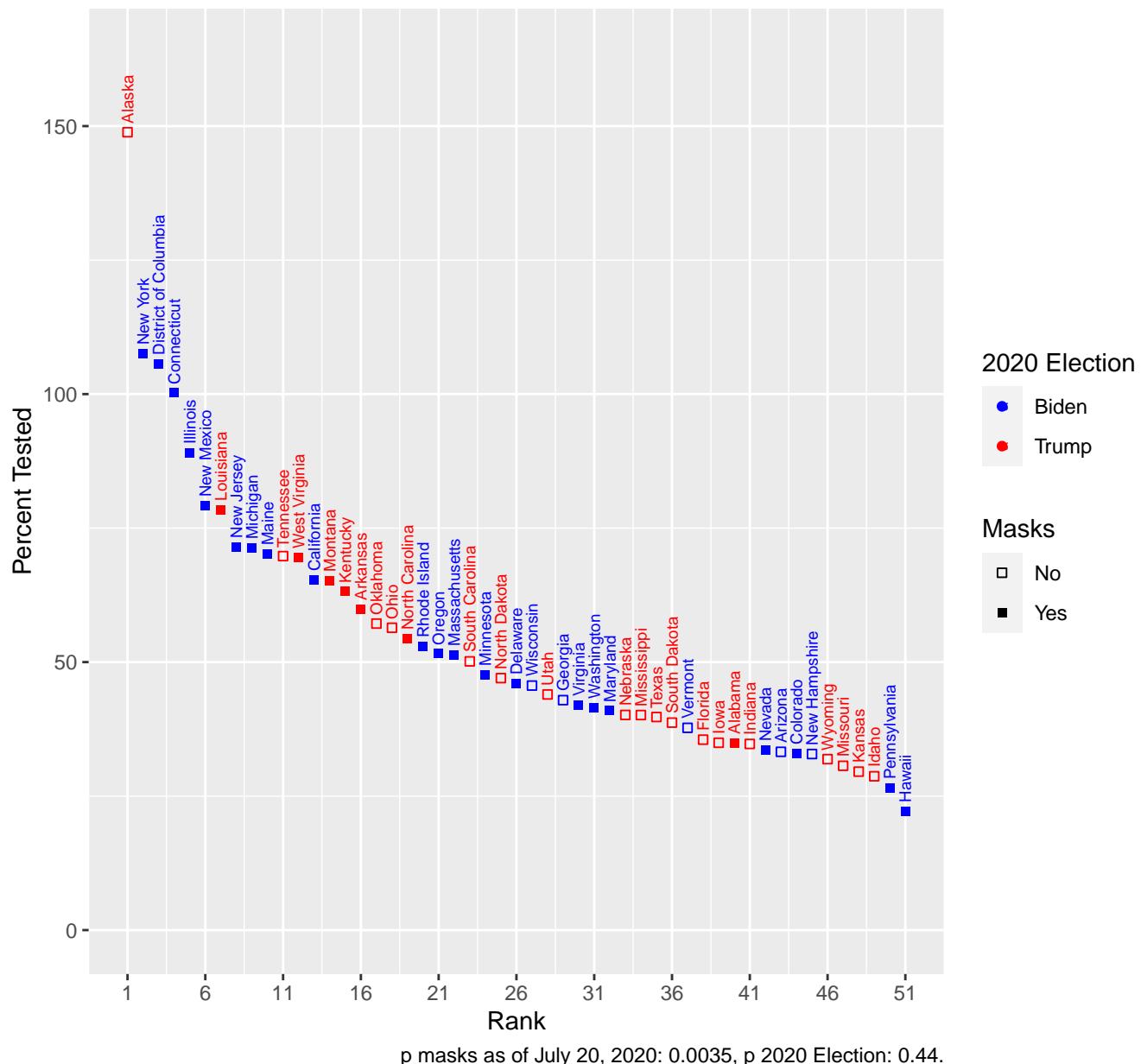
# Change in daily tests over past 16 days as of 2020-12-09

Mask mandate is from July 20th. Political lean is based on election results.



# Percent Tested as of 2020-12-09

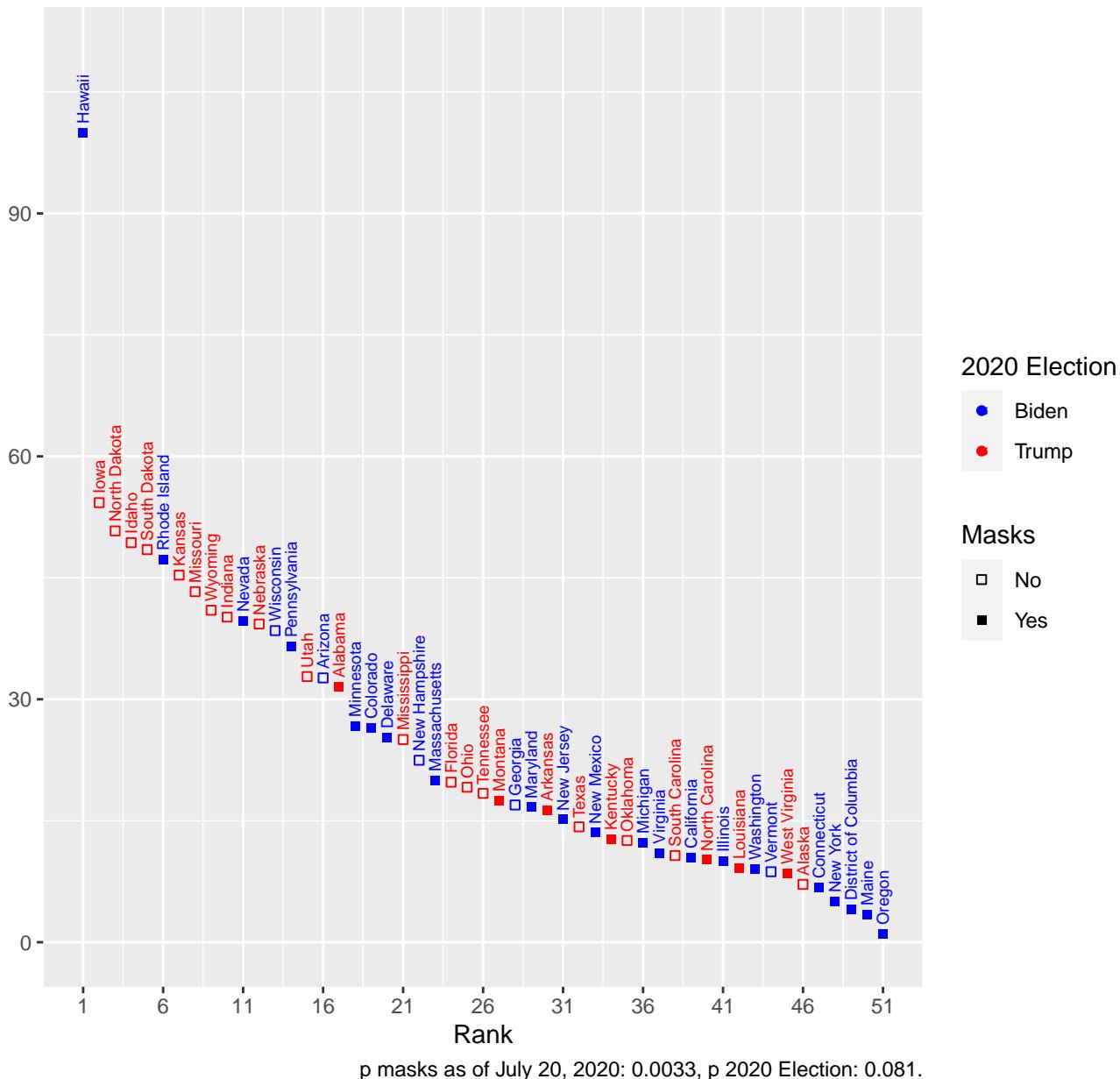
Mask mandate is from July 20th. Political lean is based on election results.



# Percent of Positive COVID Tests as of 2020-12-09

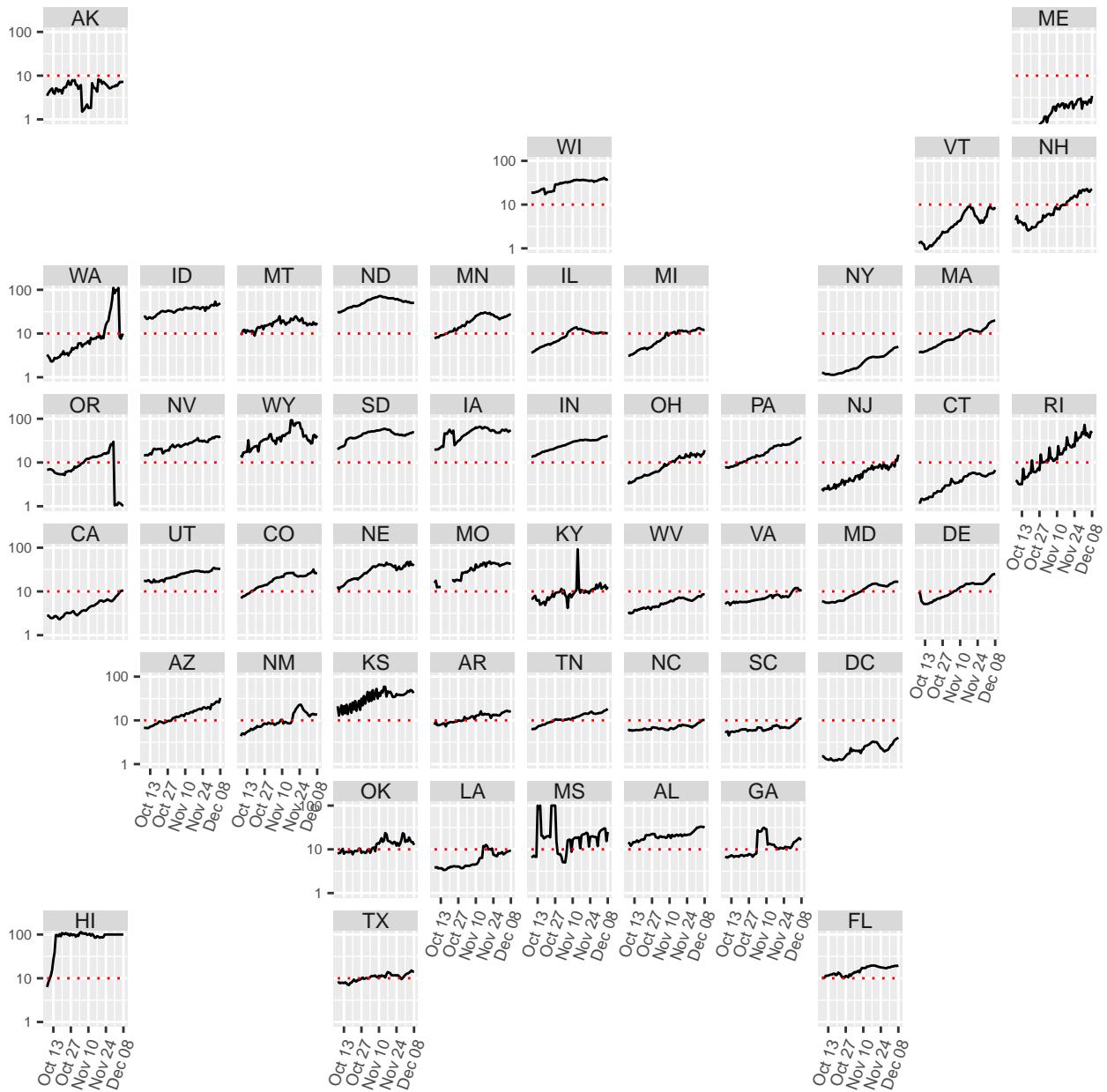
Mask mandate is from July 20th. Political lean is based on election results.

Percent of Positive Tests



# Percent Positive Trends

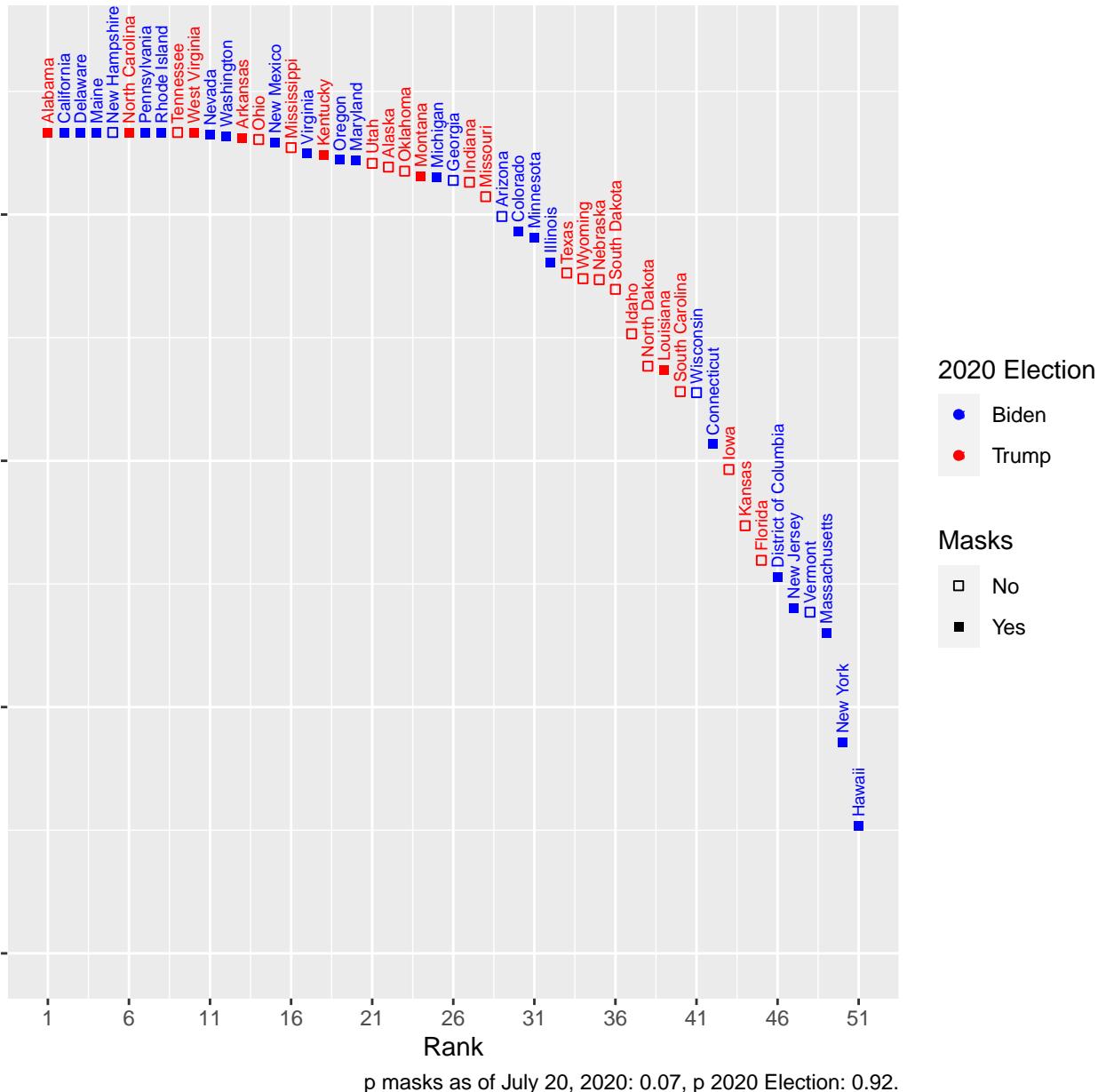
Percent Positive (log scale)



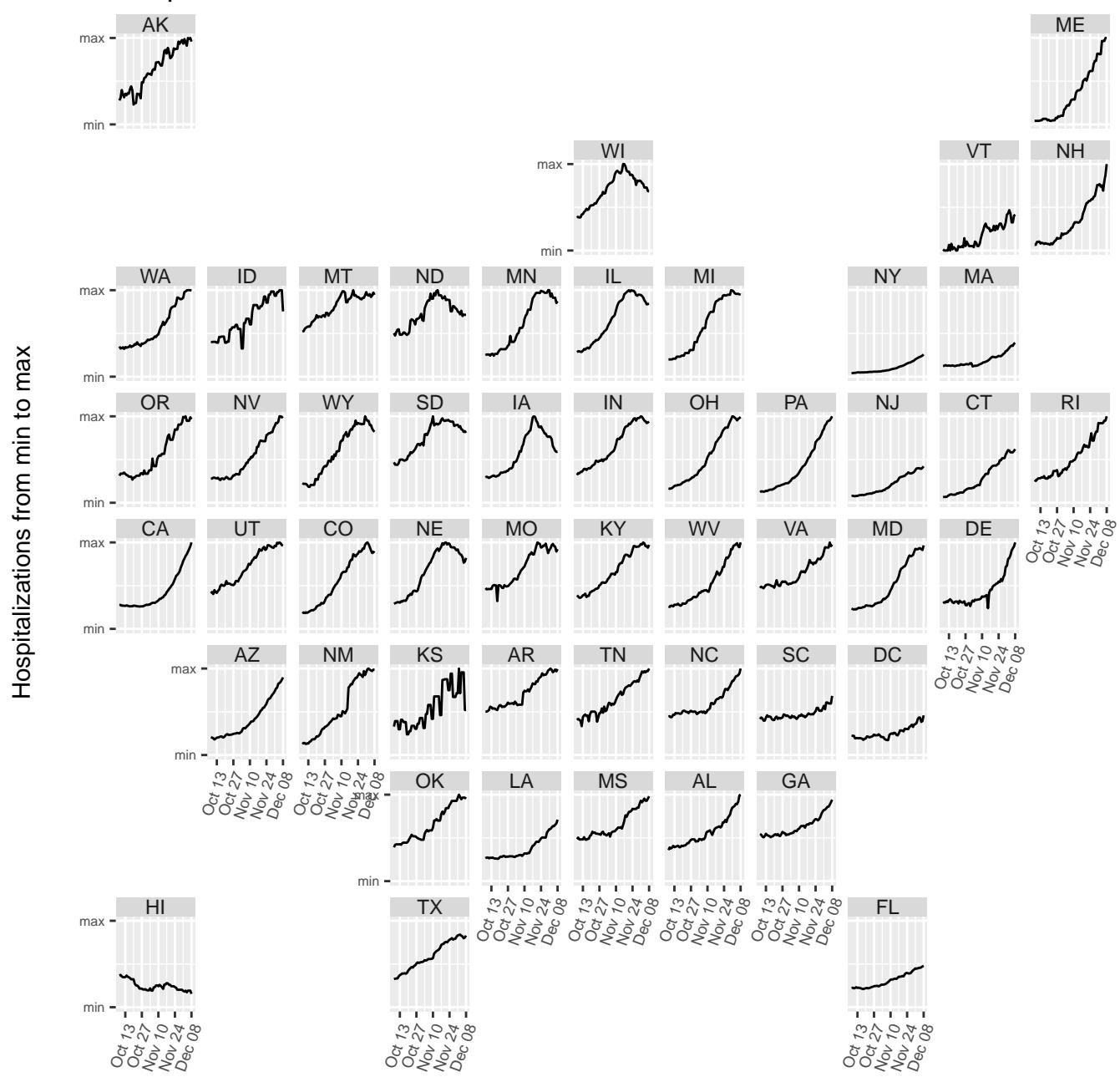
High risk if positivity > 10% (Dotted red line)

# Current hospitalizations as a percent of peak since February as of 2020–12–09

Mask mandate is from July 20th. Political lean is based on election results.

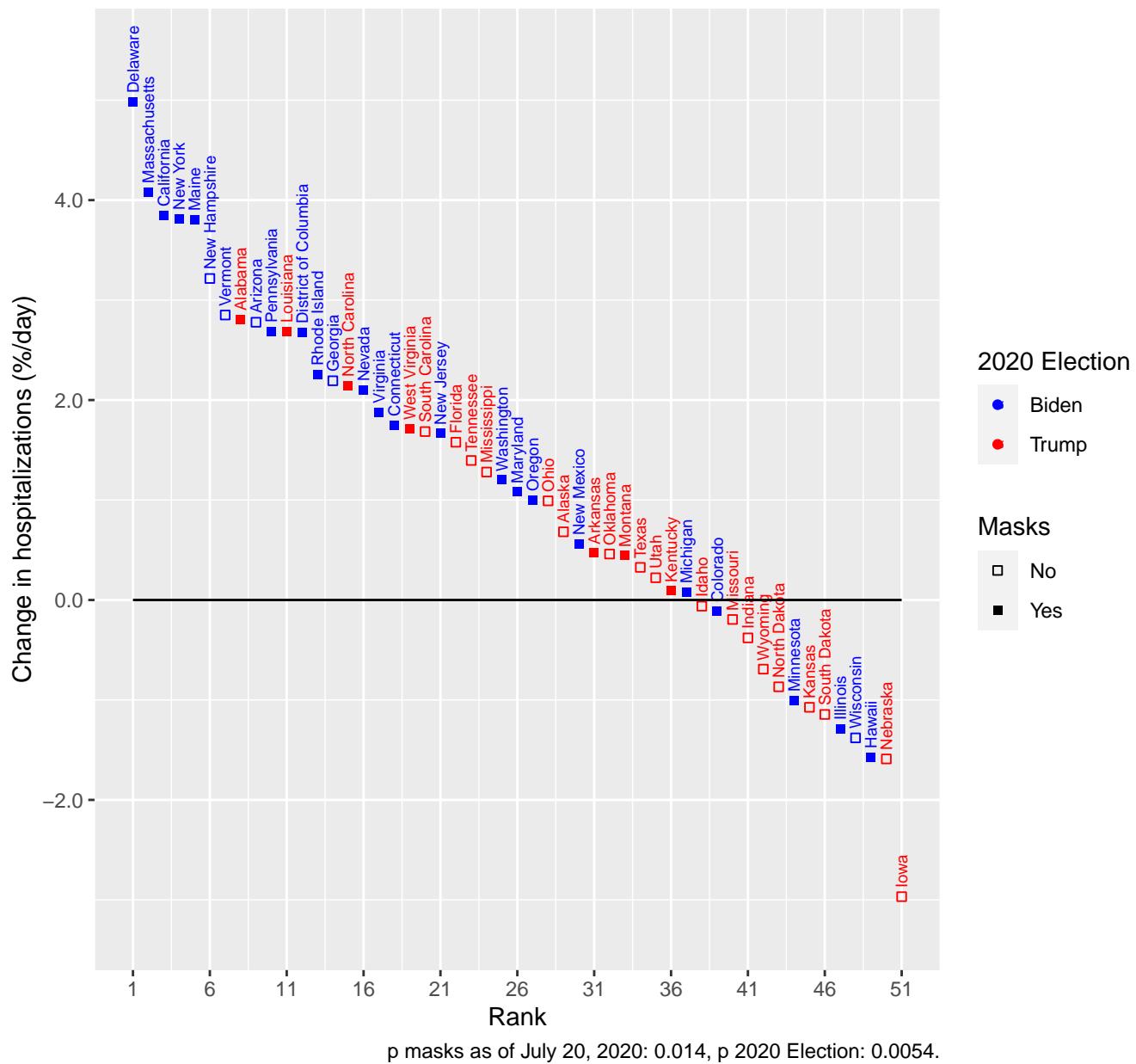


## Hospitalization trends from min to max

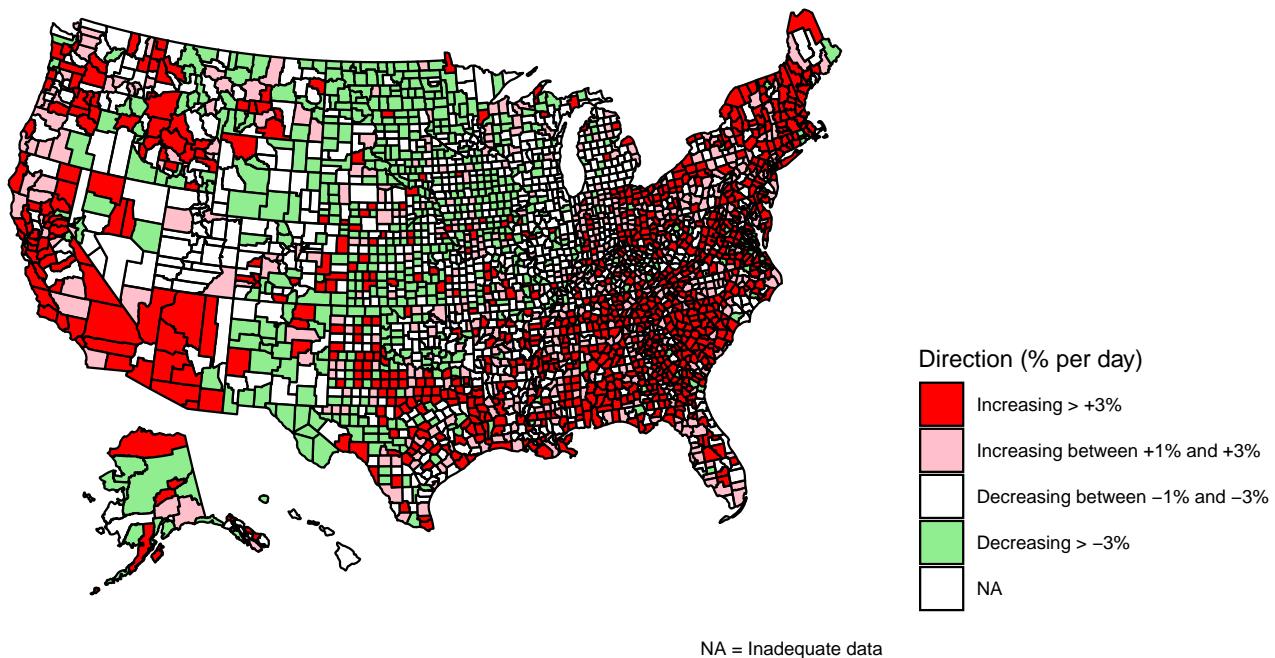


# Change in hospitalizations over past 14 days as of 2020–12–09

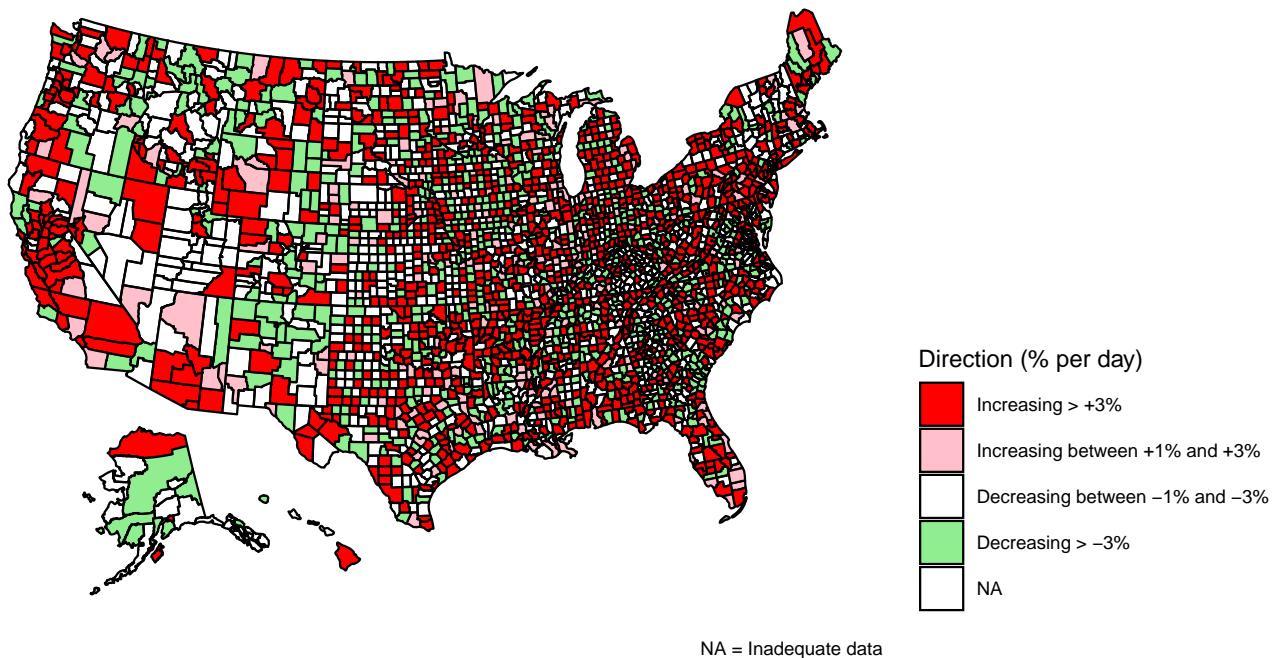
Mask mandate is from July 20th. Political lean is based on election results.



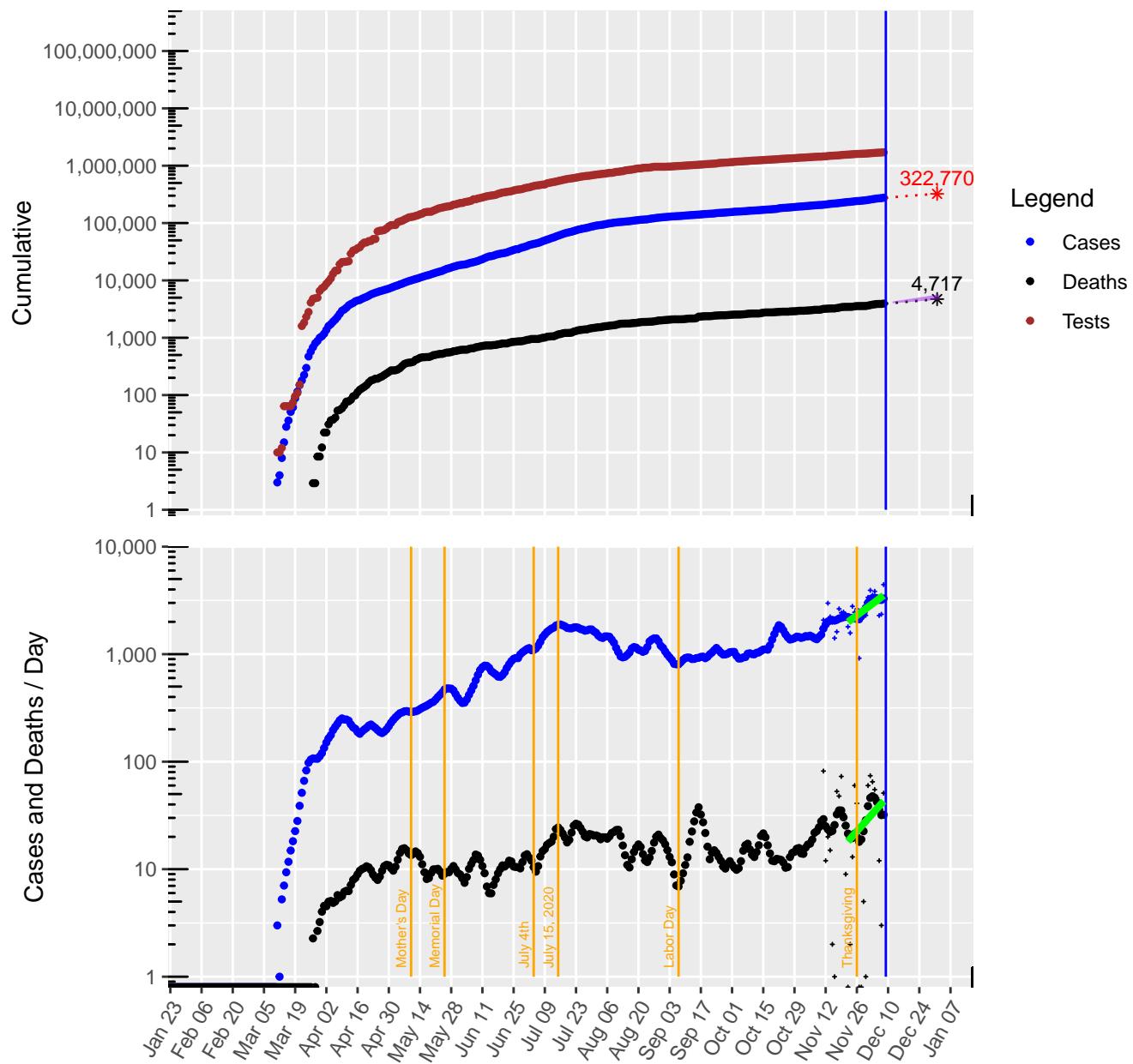
Case trends over 16 days as of 2020-12-09



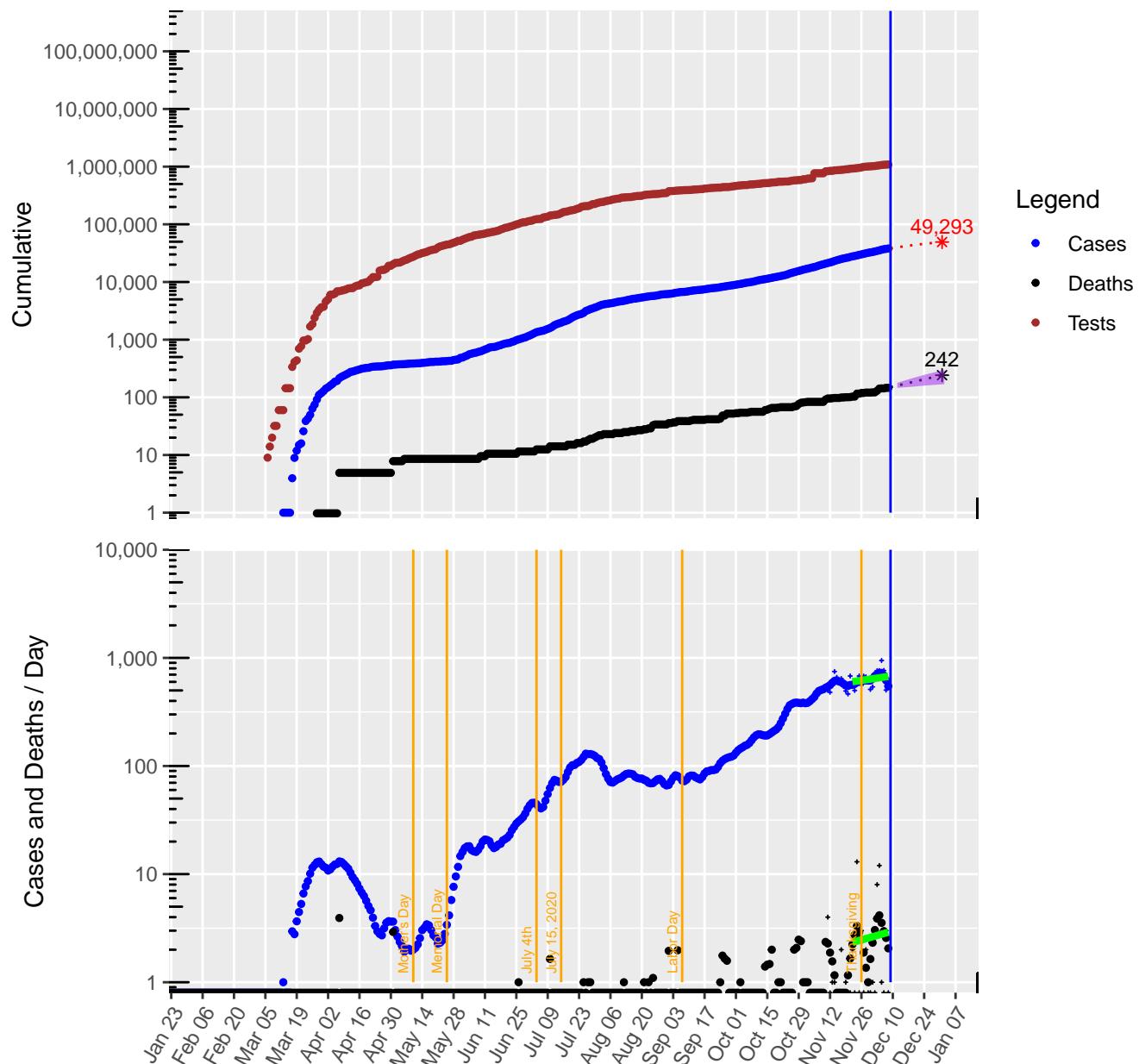
Death trends over 16 days as of 2020-12-09



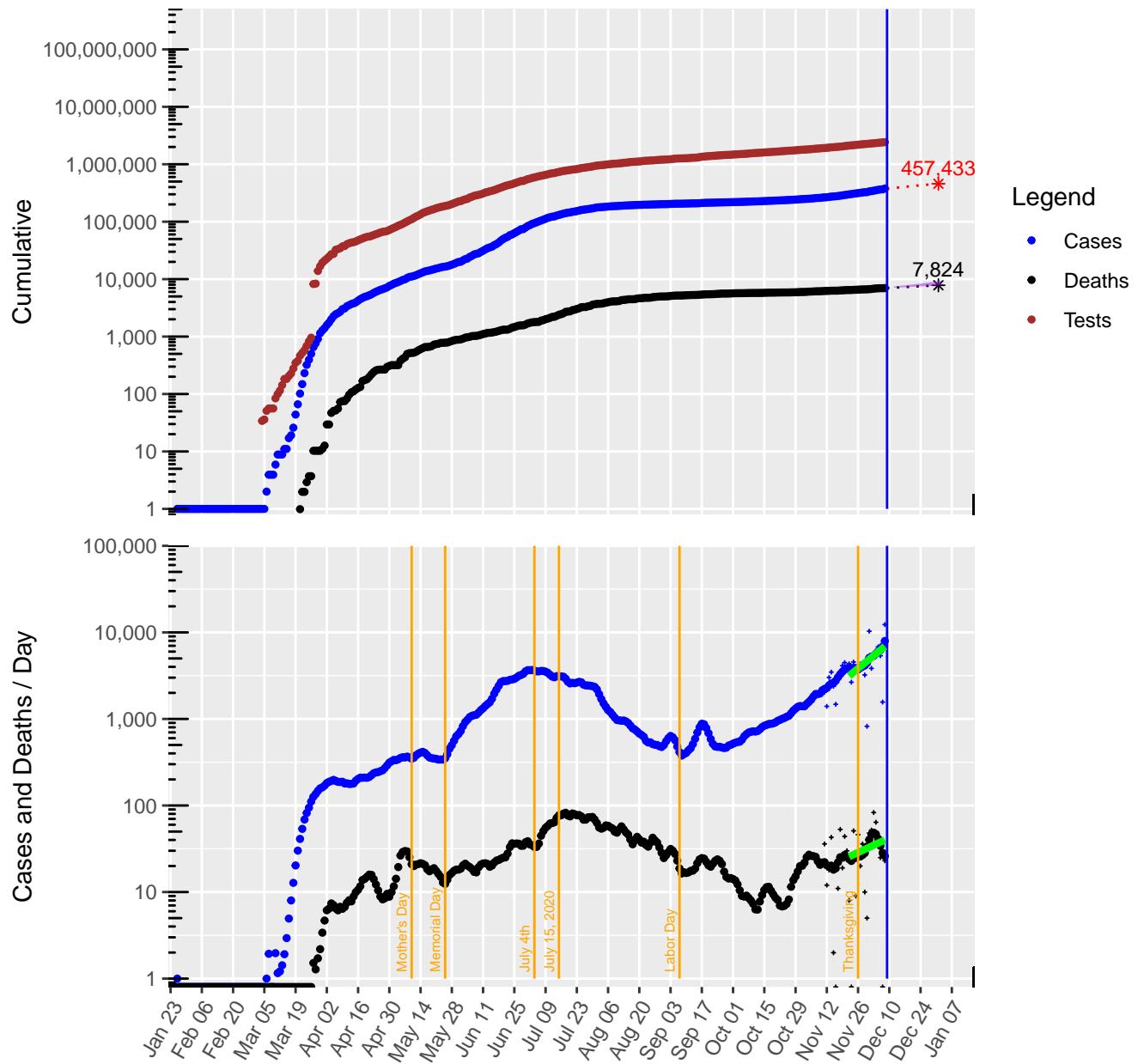
# Alabama projection as of 2020-12-09



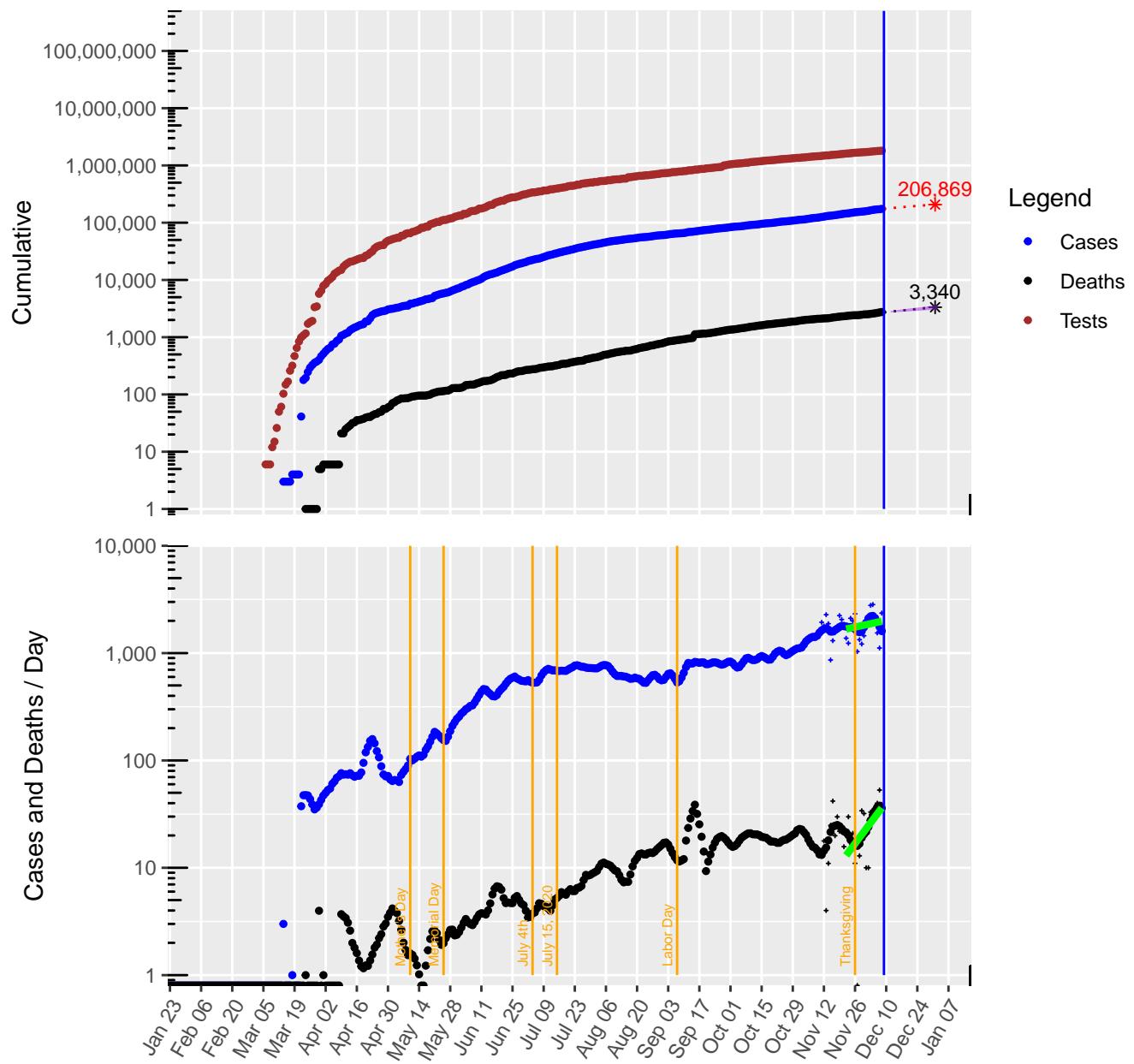
# Alaska projection as of 2020-12-09



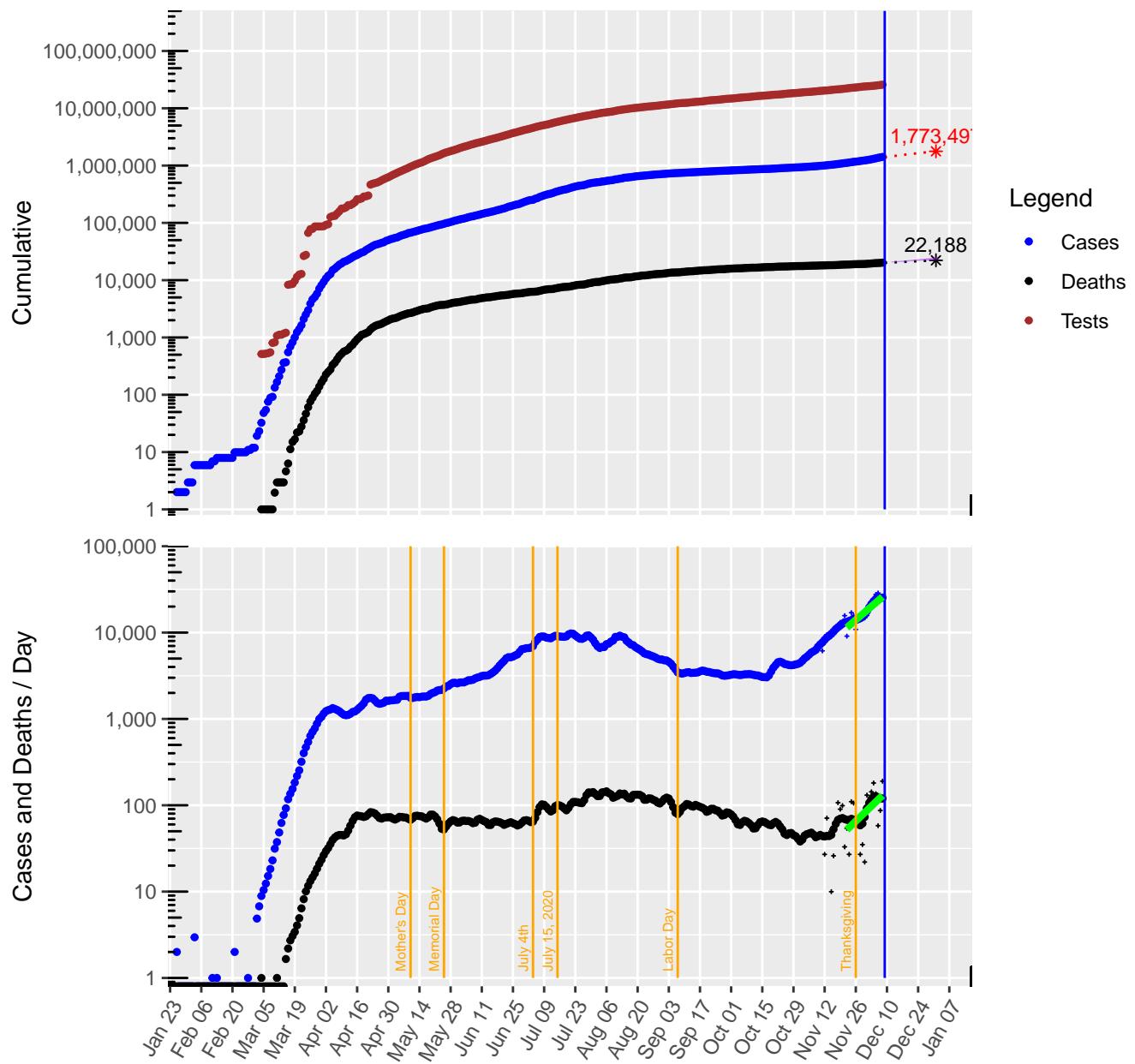
# Arizona projection as of 2020-12-09



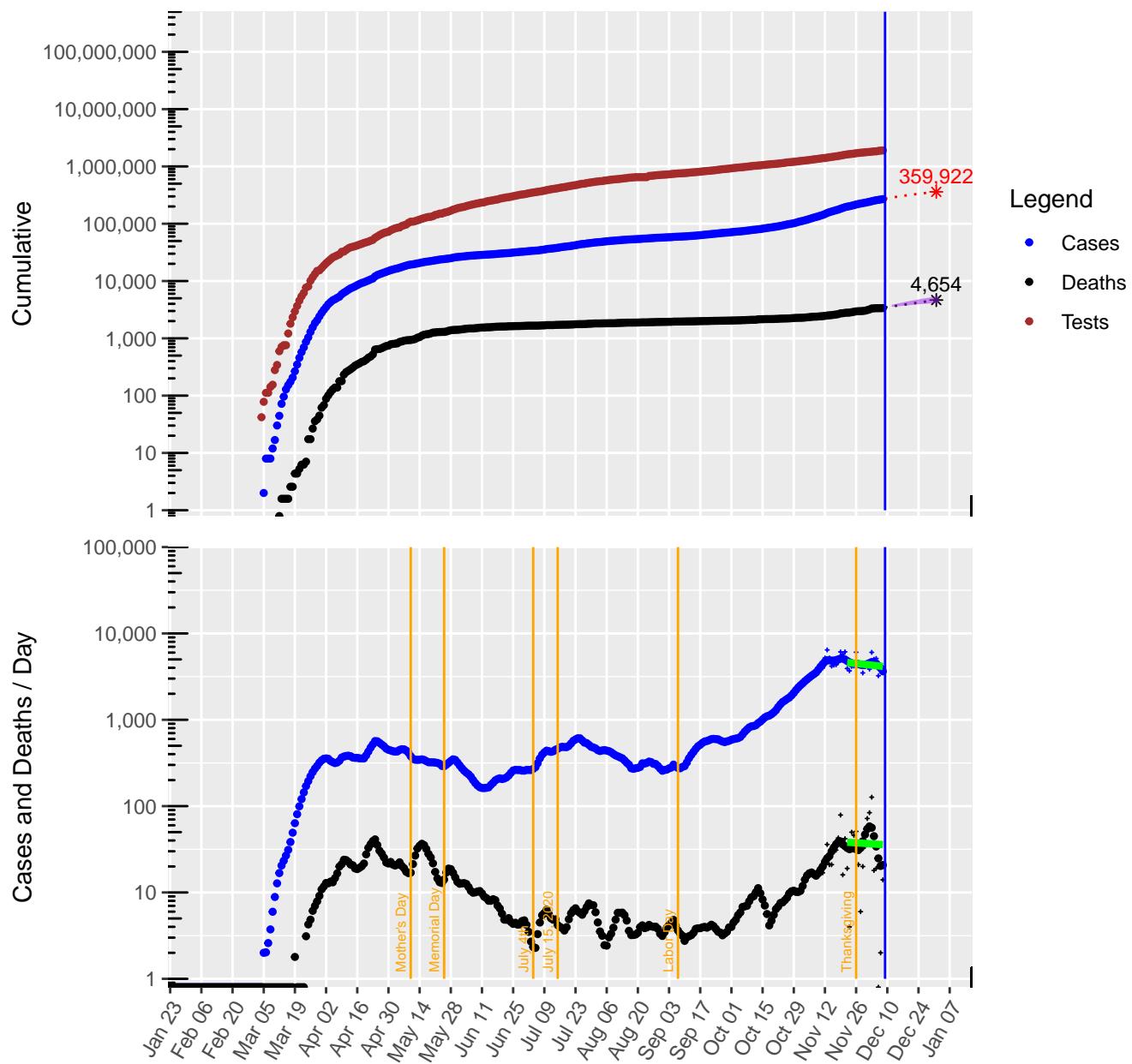
# Arkansas projection as of 2020-12-09



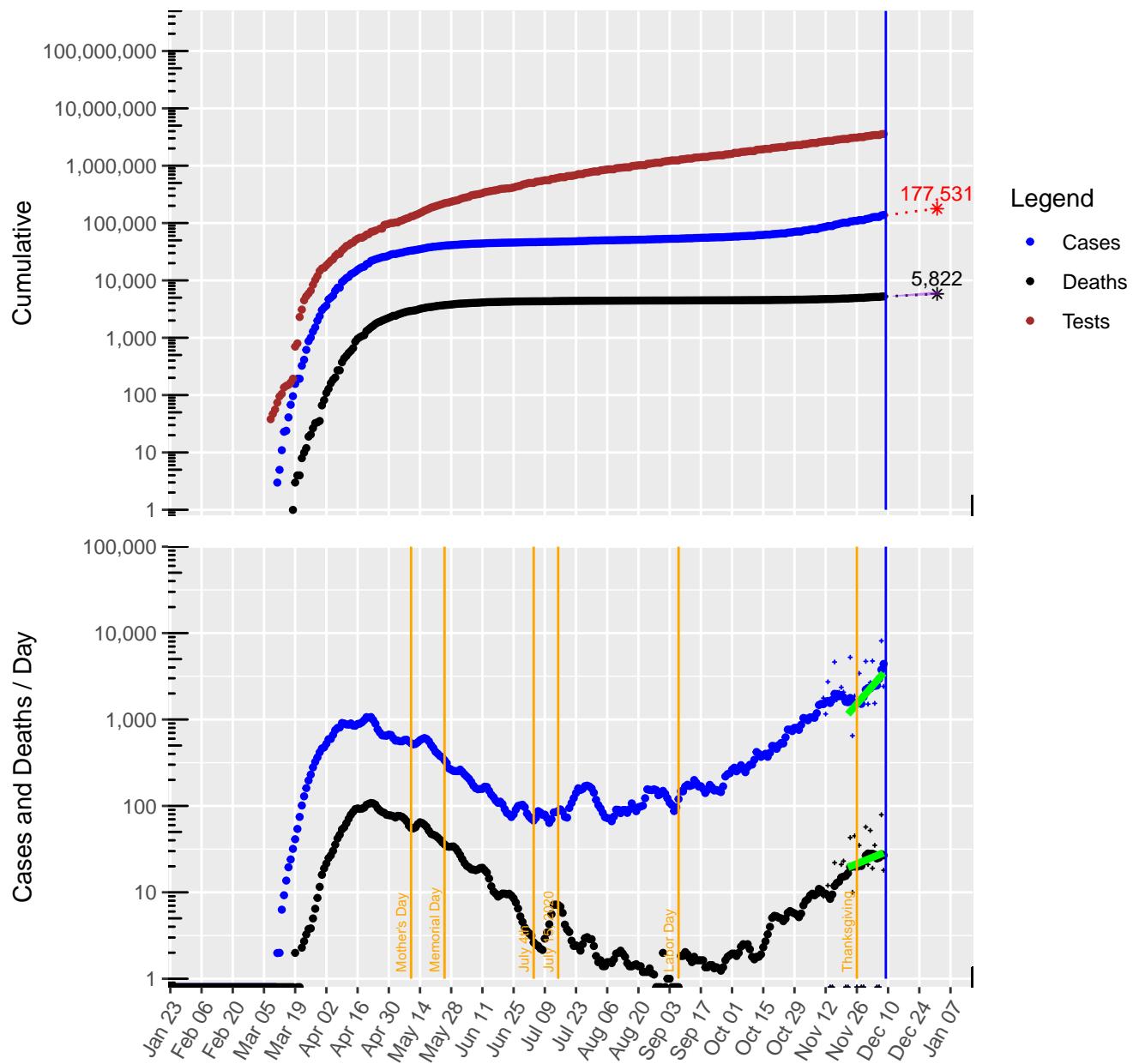
# California projection as of 2020-12-09



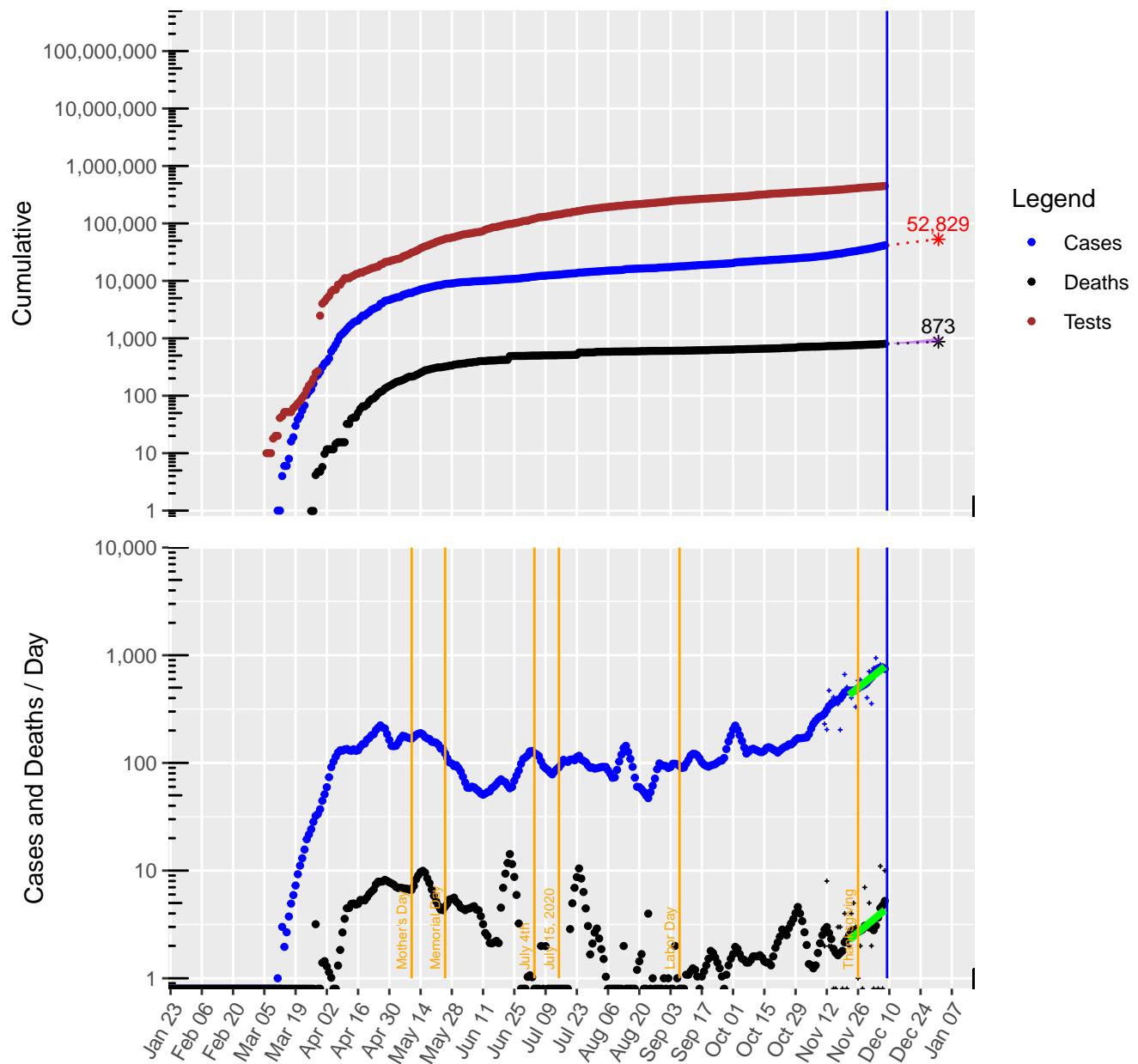
# Colorado projection as of 2020-12-09



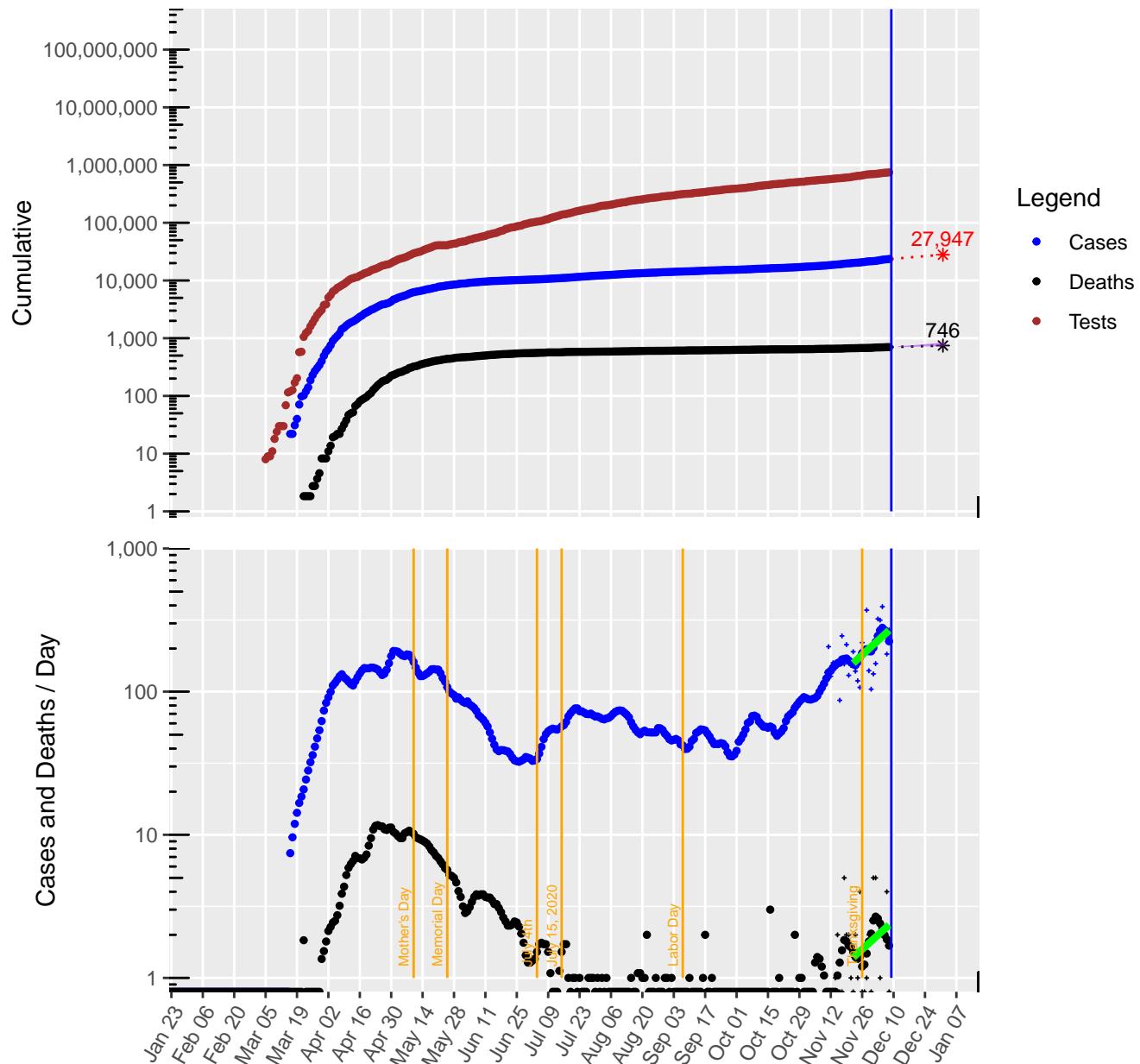
# Connecticut projection as of 2020-12-09



# Delaware projection as of 2020-12-09

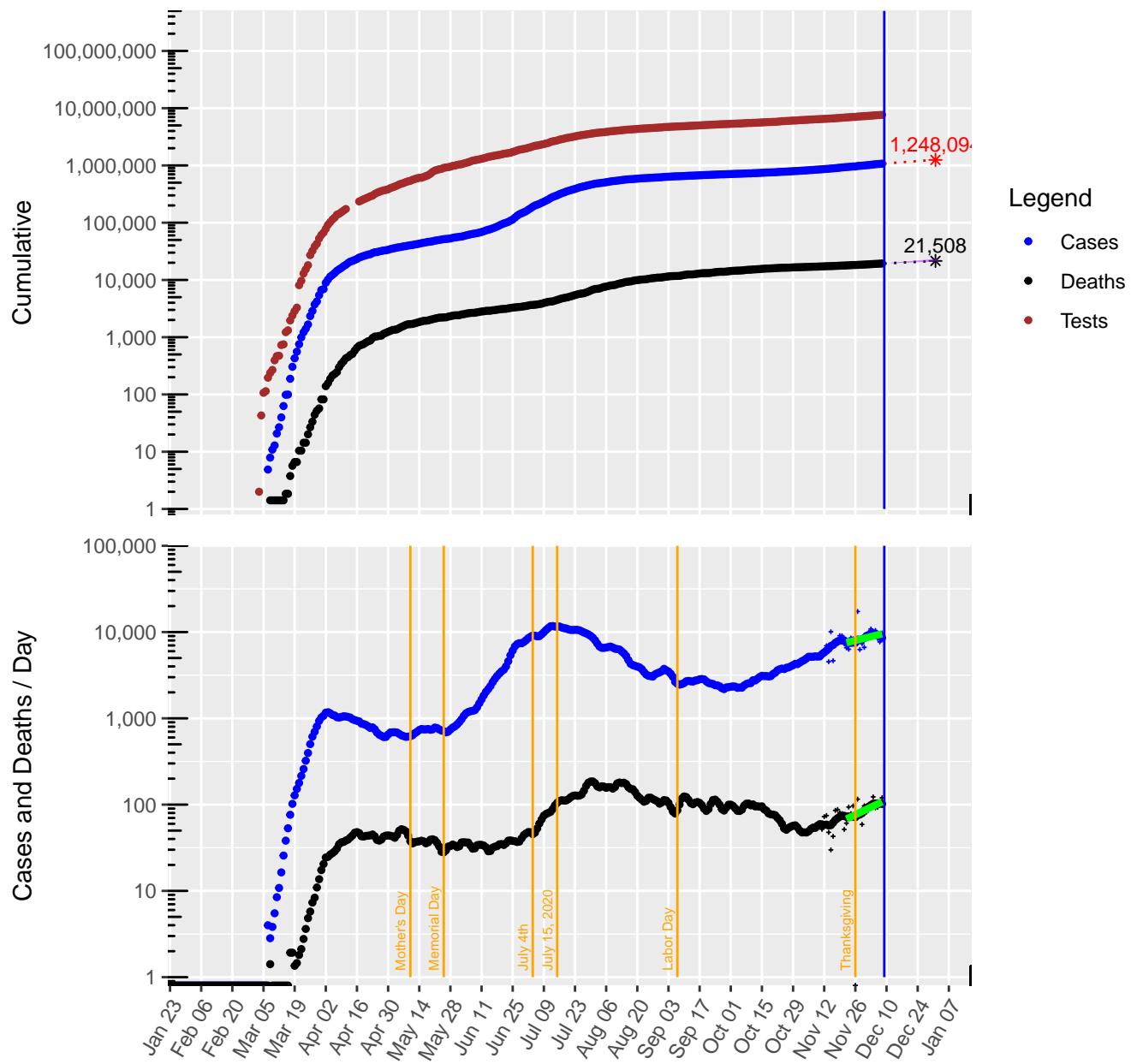


# District of Columbia projection as of 2020-12-09

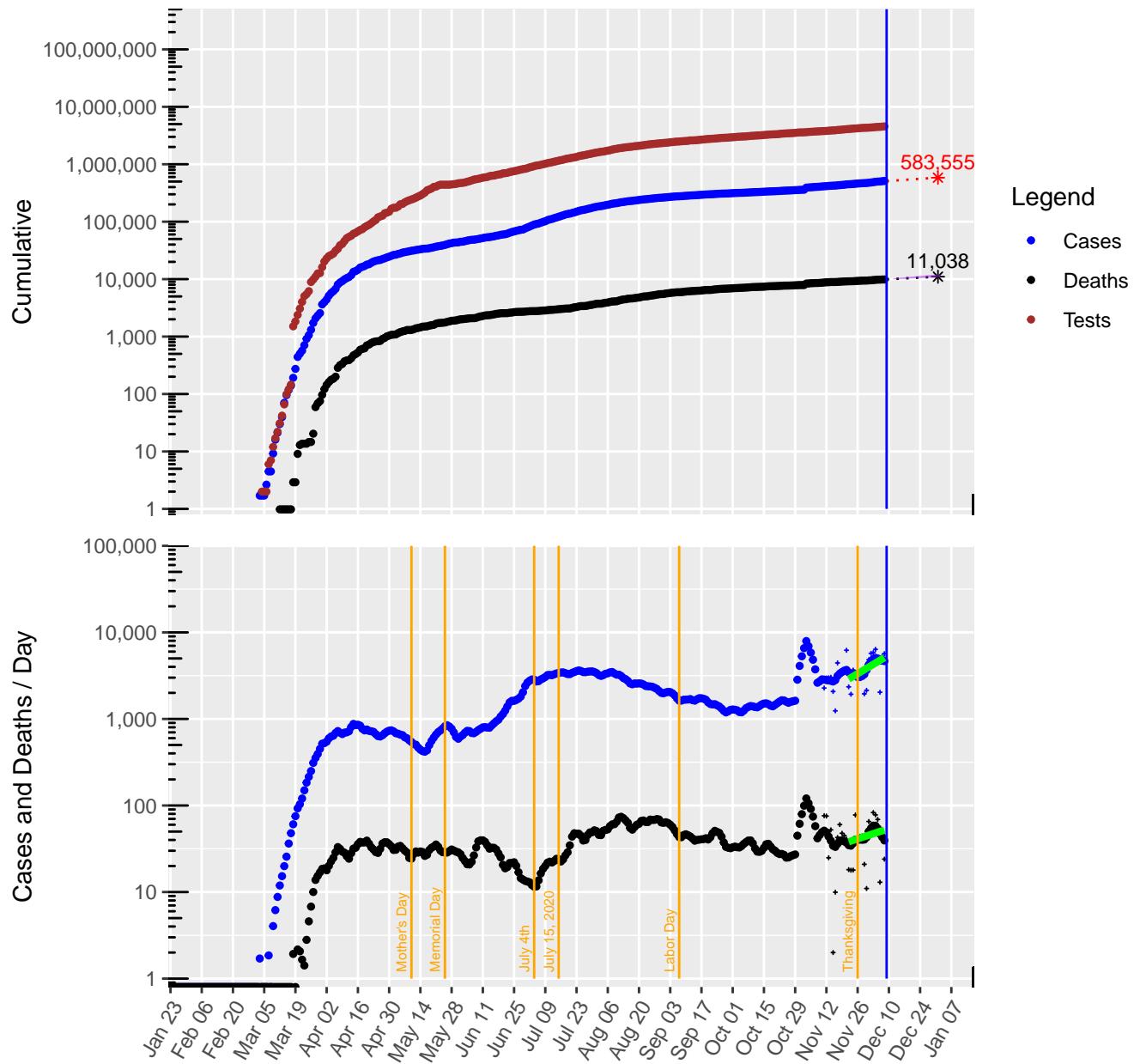


Deaths: 701 (0) — Case Mortality: 3.0% — Daily Change: +3.4% Cases, +3.4% Deaths (over 16 days)

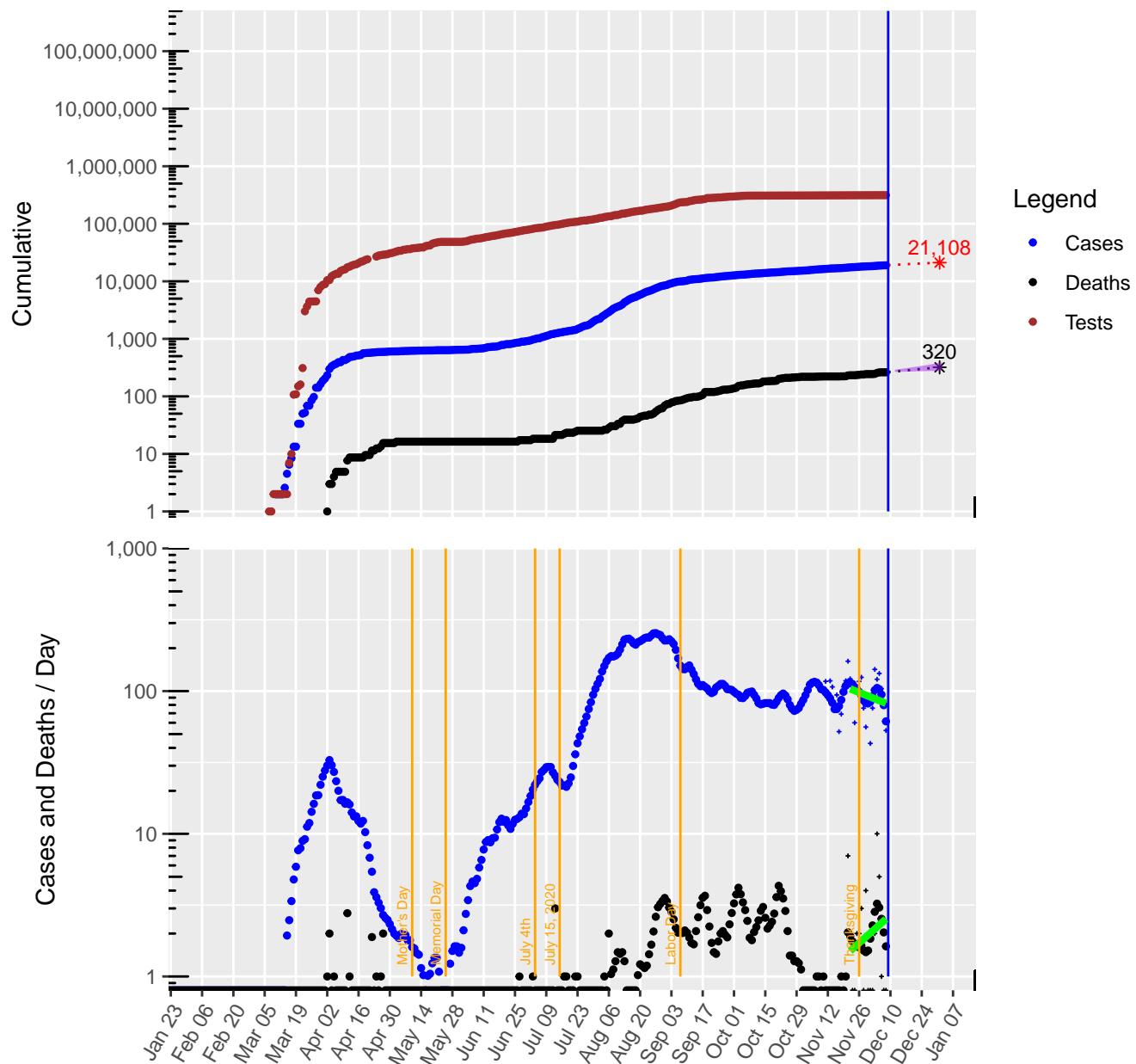
# Florida projection as of 2020-12-09



# Georgia projection as of 2020-12-09



# Hawaii projection as of 2020-12-09

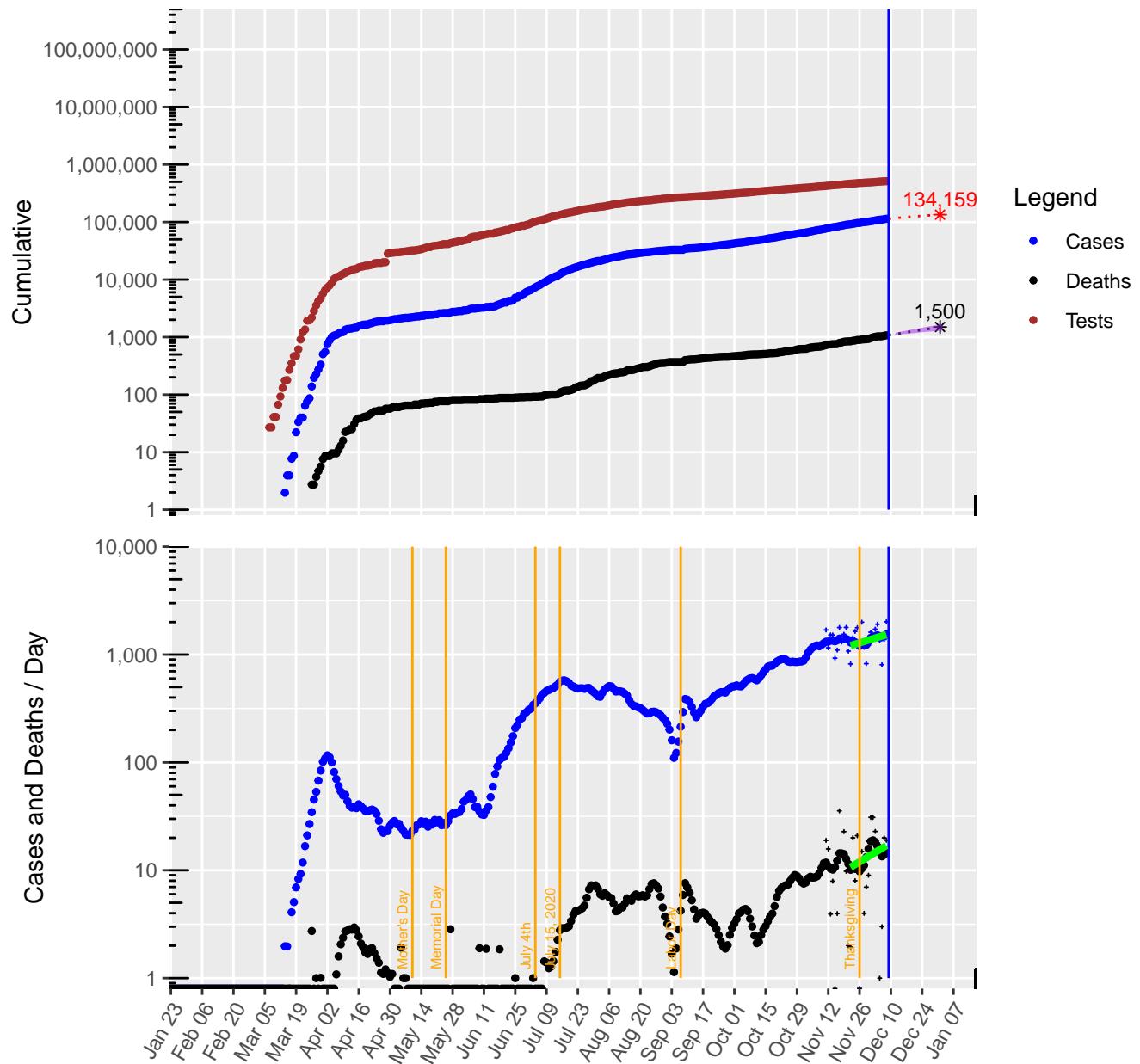


## Legend

- Cases
- Deaths
- Tests

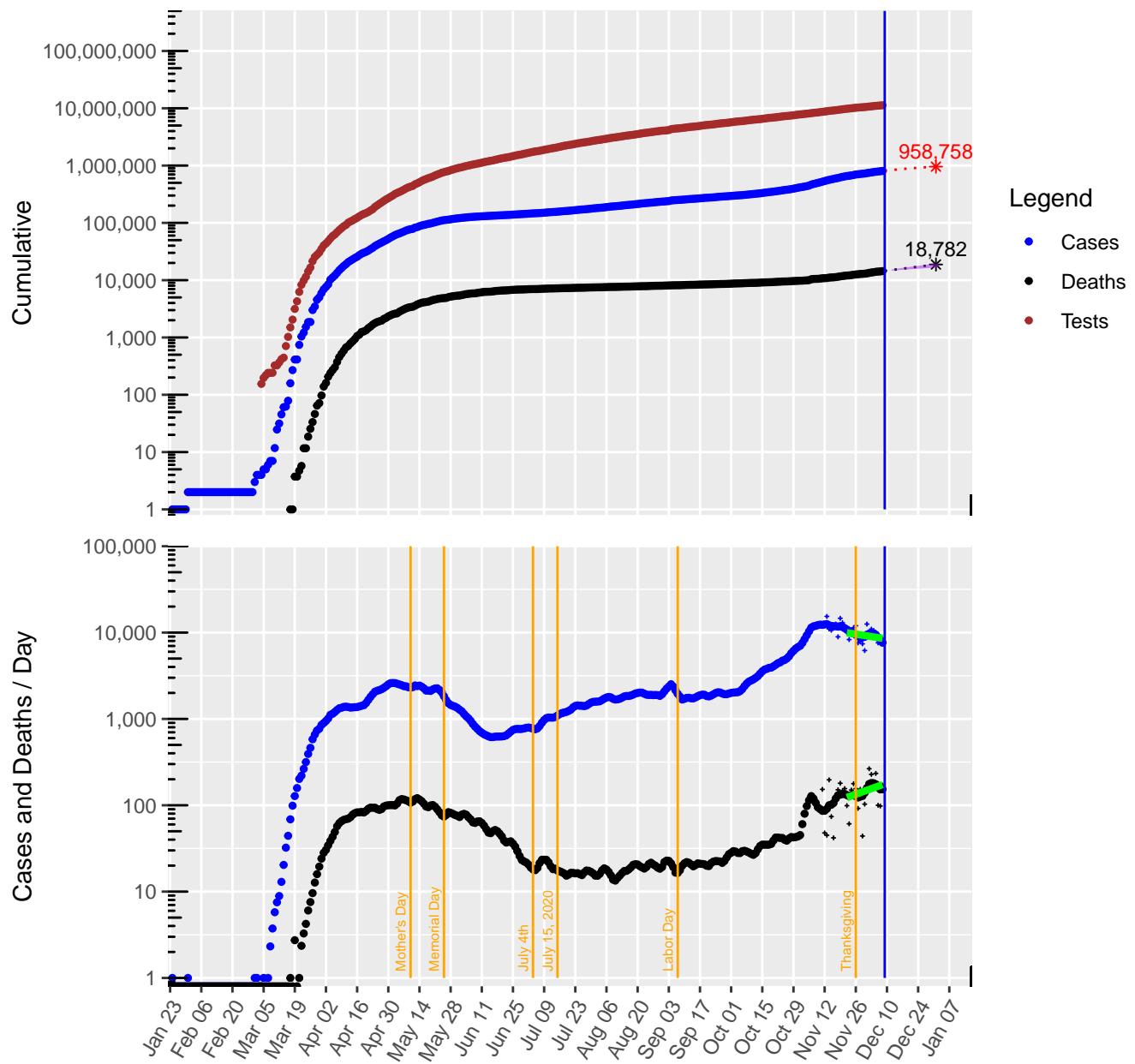
Deaths: 262 (0) — Case Mortality: 1.4% — Daily Change: -1.5% Cases, +3.4% Deaths (over 16 days)

# Idaho projection as of 2020-12-09

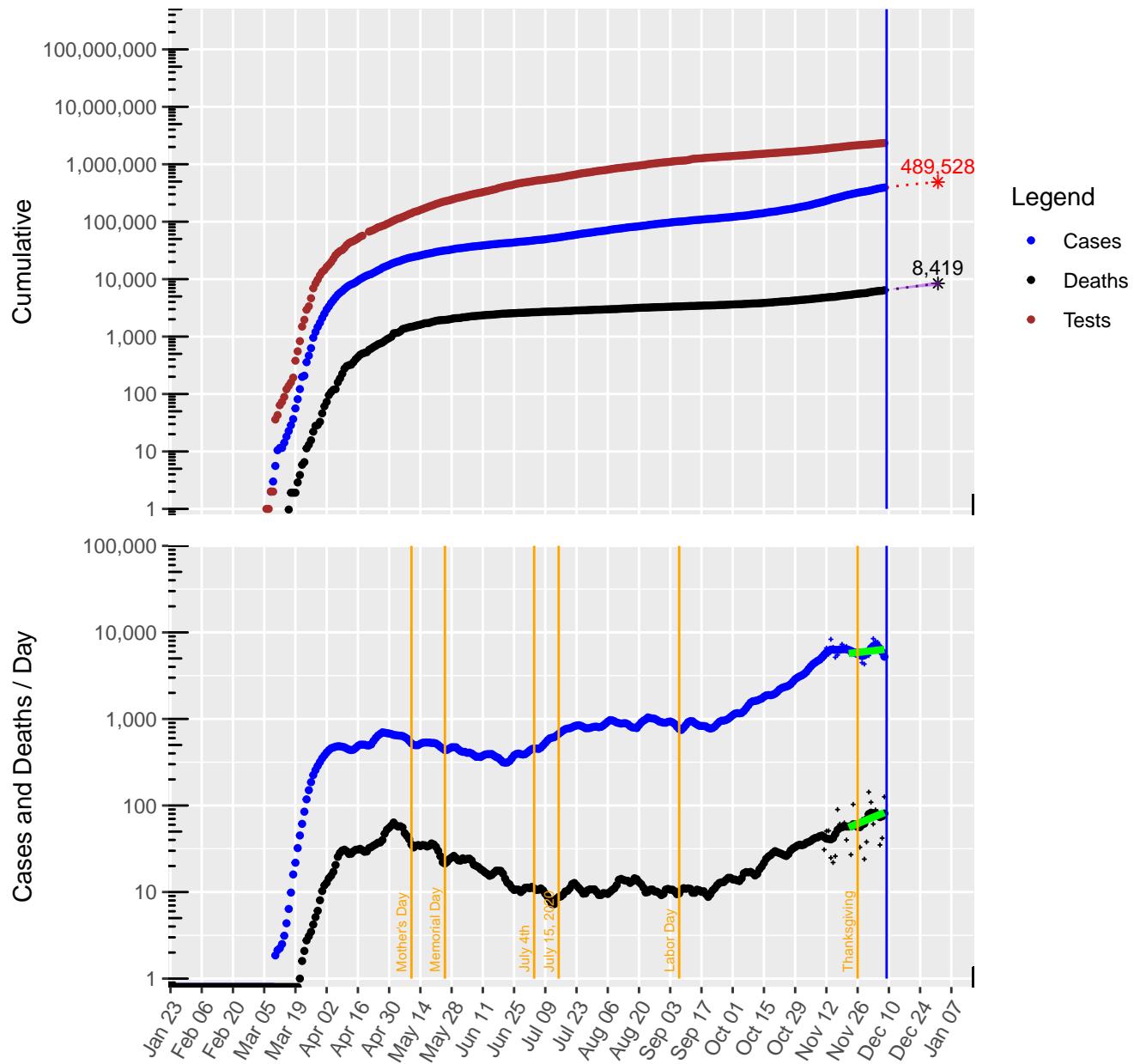


Deaths: 1,074 (19) — Case Mortality: 0.9% — Daily Change: +1.5% Cases, +3.0% Deaths (over 16 days)

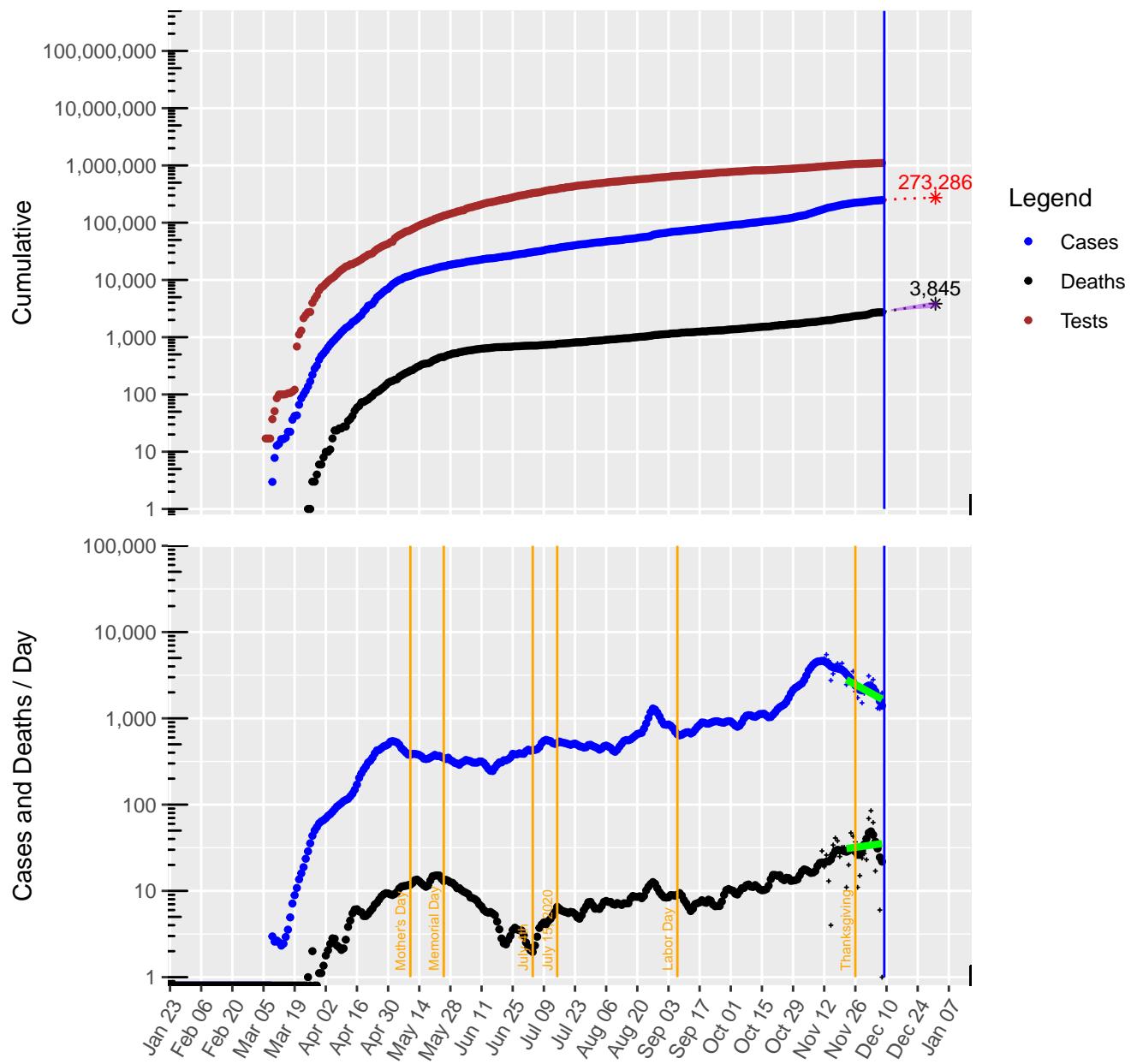
# Illinois projection as of 2020-12-09



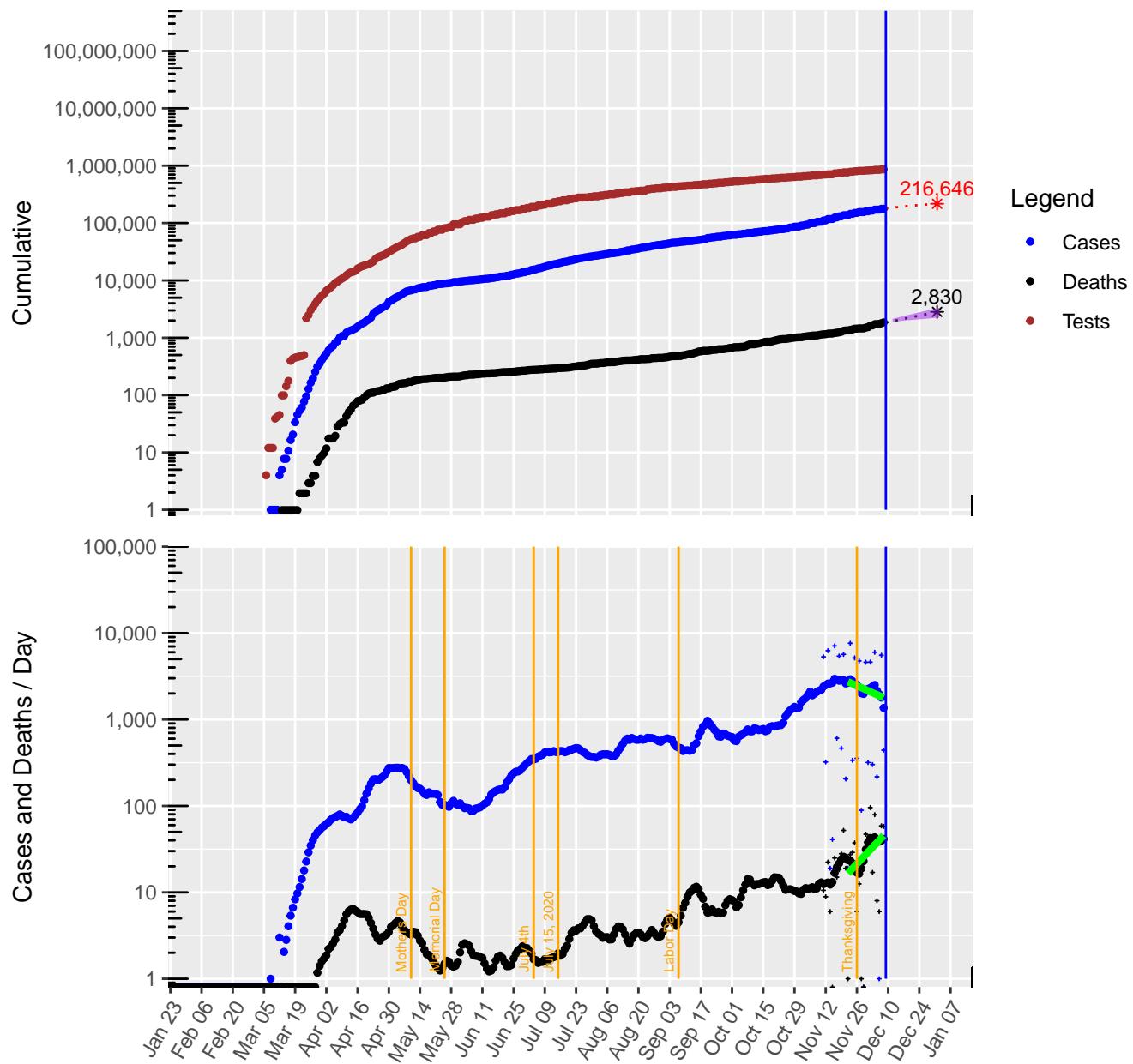
# Indiana projection as of 2020-12-09



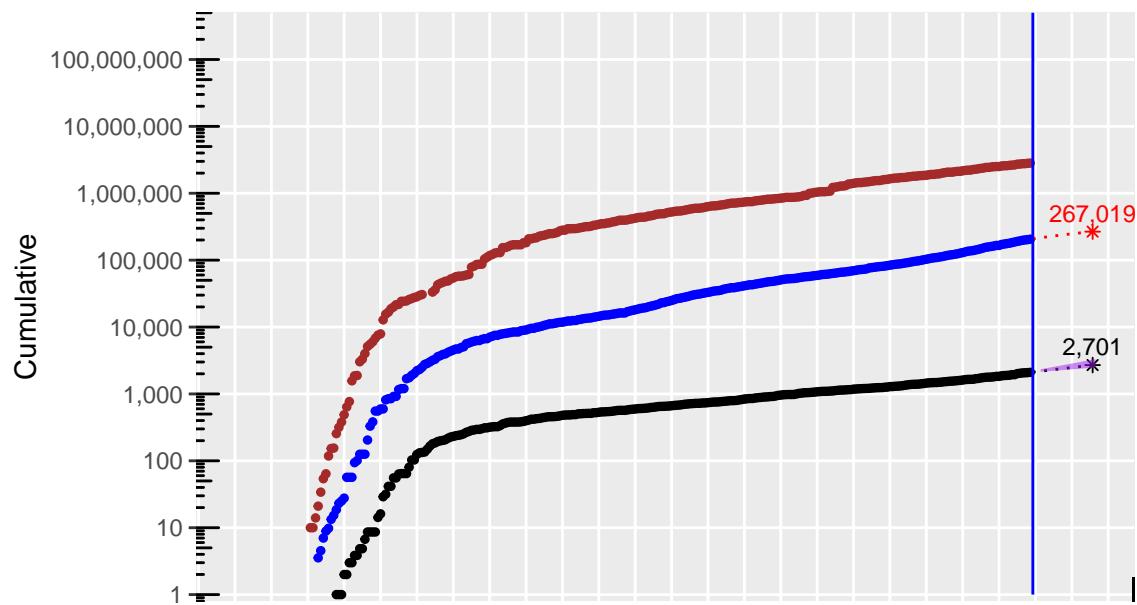
# Iowa projection as of 2020-12-09



# Kansas projection as of 2020-12-09

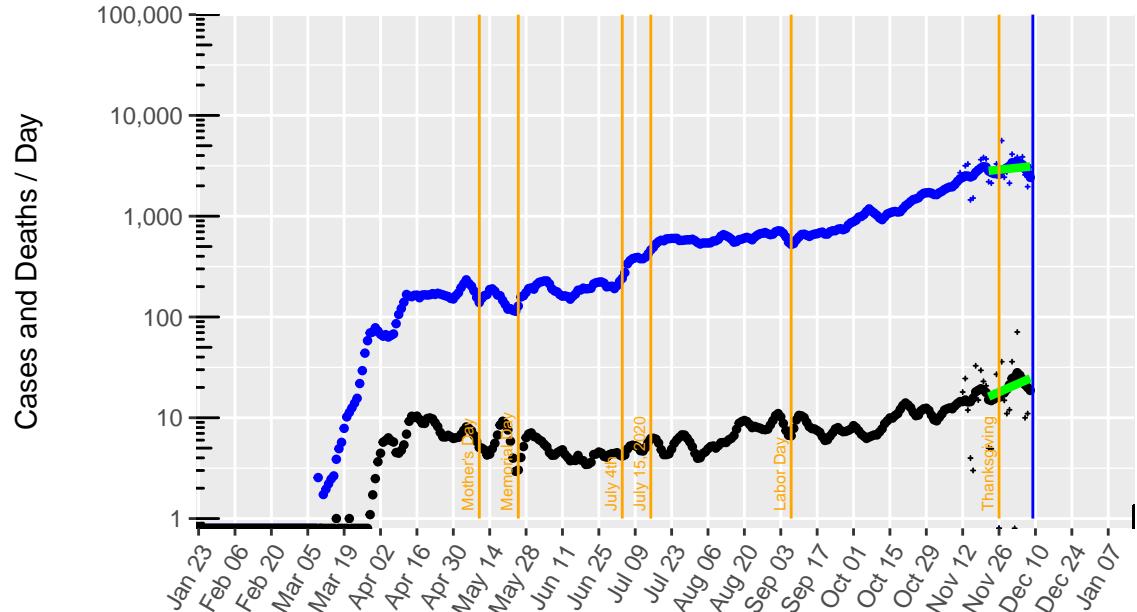


# Kentucky projection as of 2020-12-09



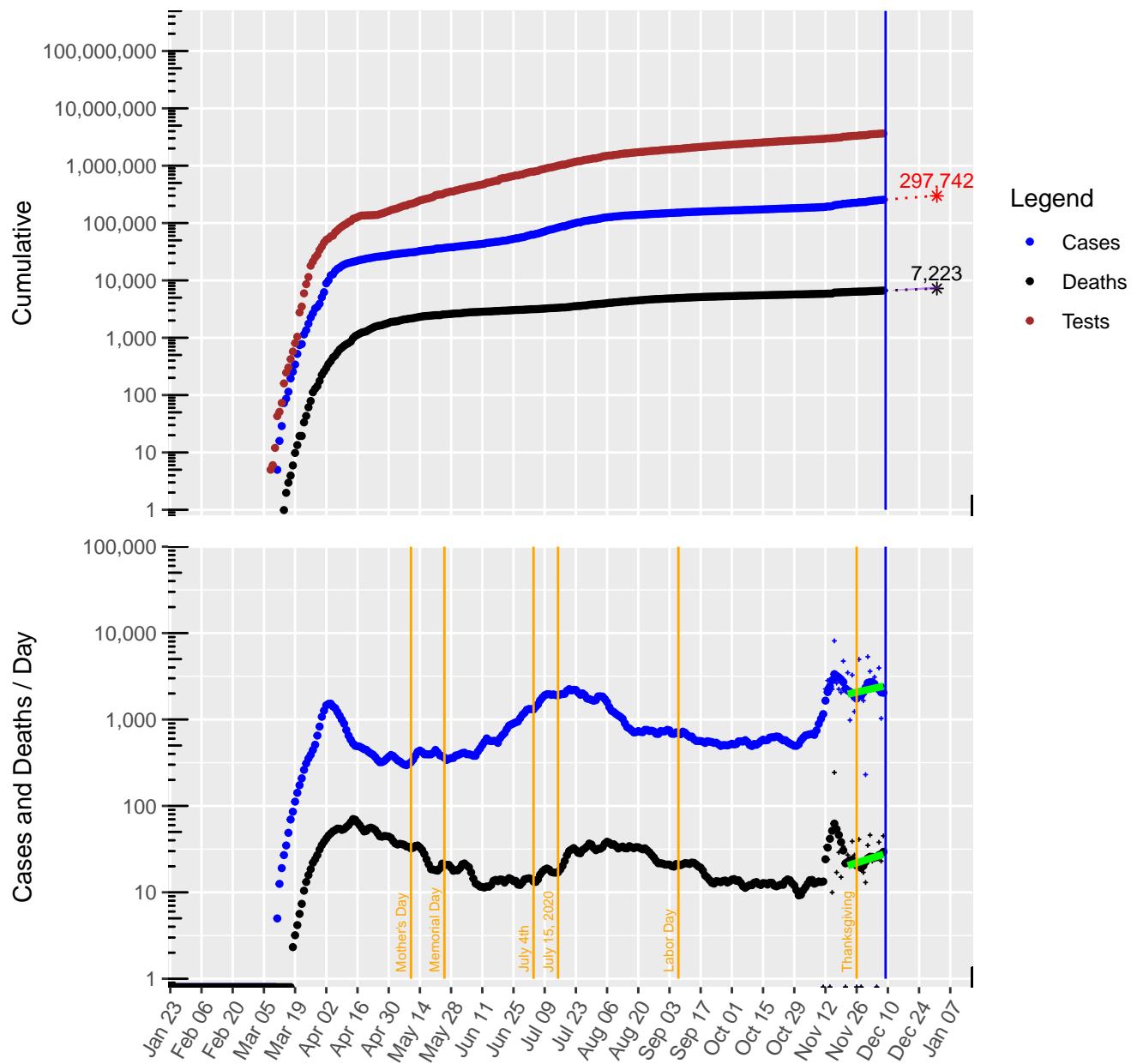
Legend

- Cases
- Deaths
- Tests

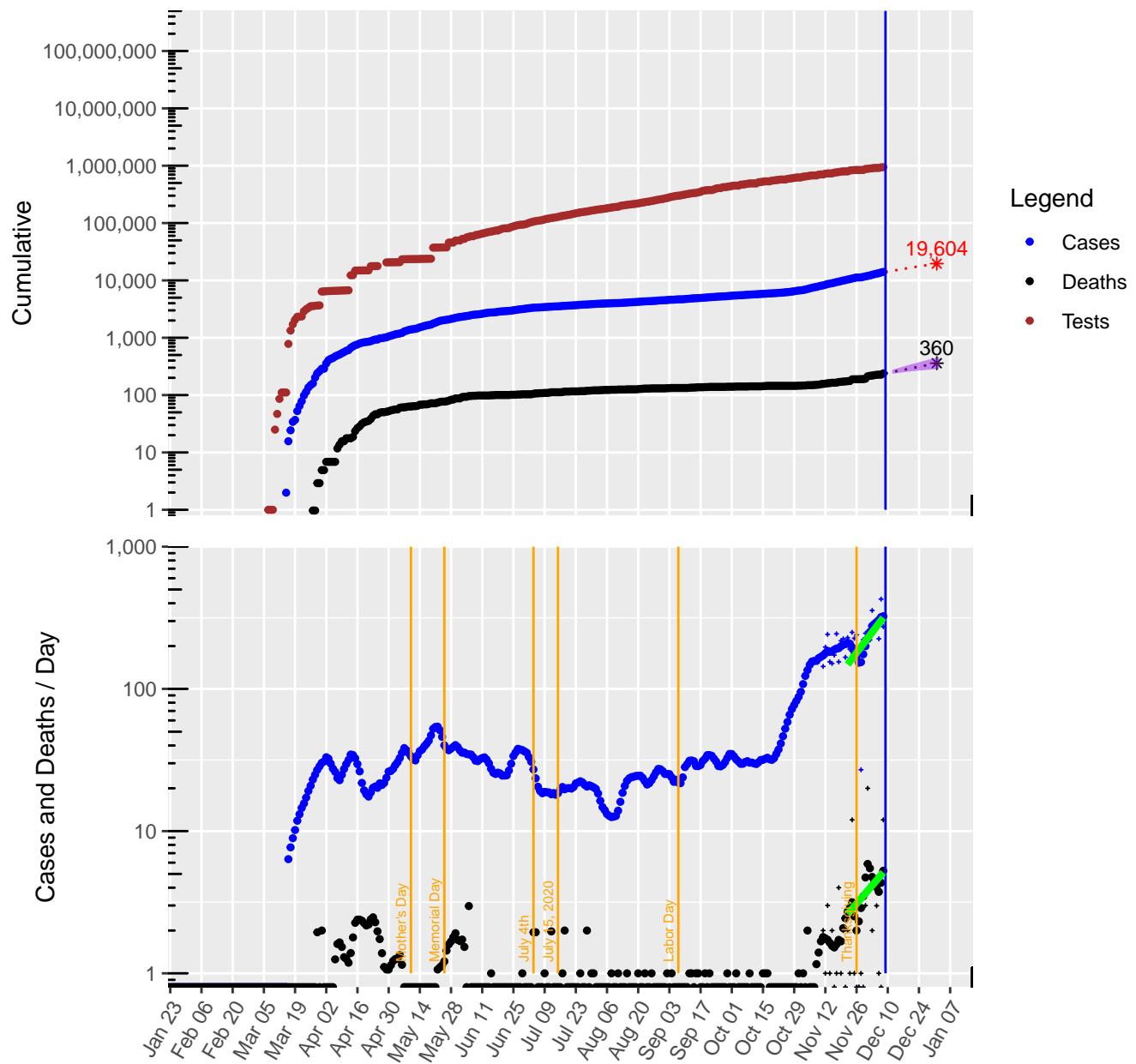


Deaths: 2,102 (20) — Case Mortality: 1.0% — Daily Change: +0.6% Cases, +2.7% Deaths (over 16 days)

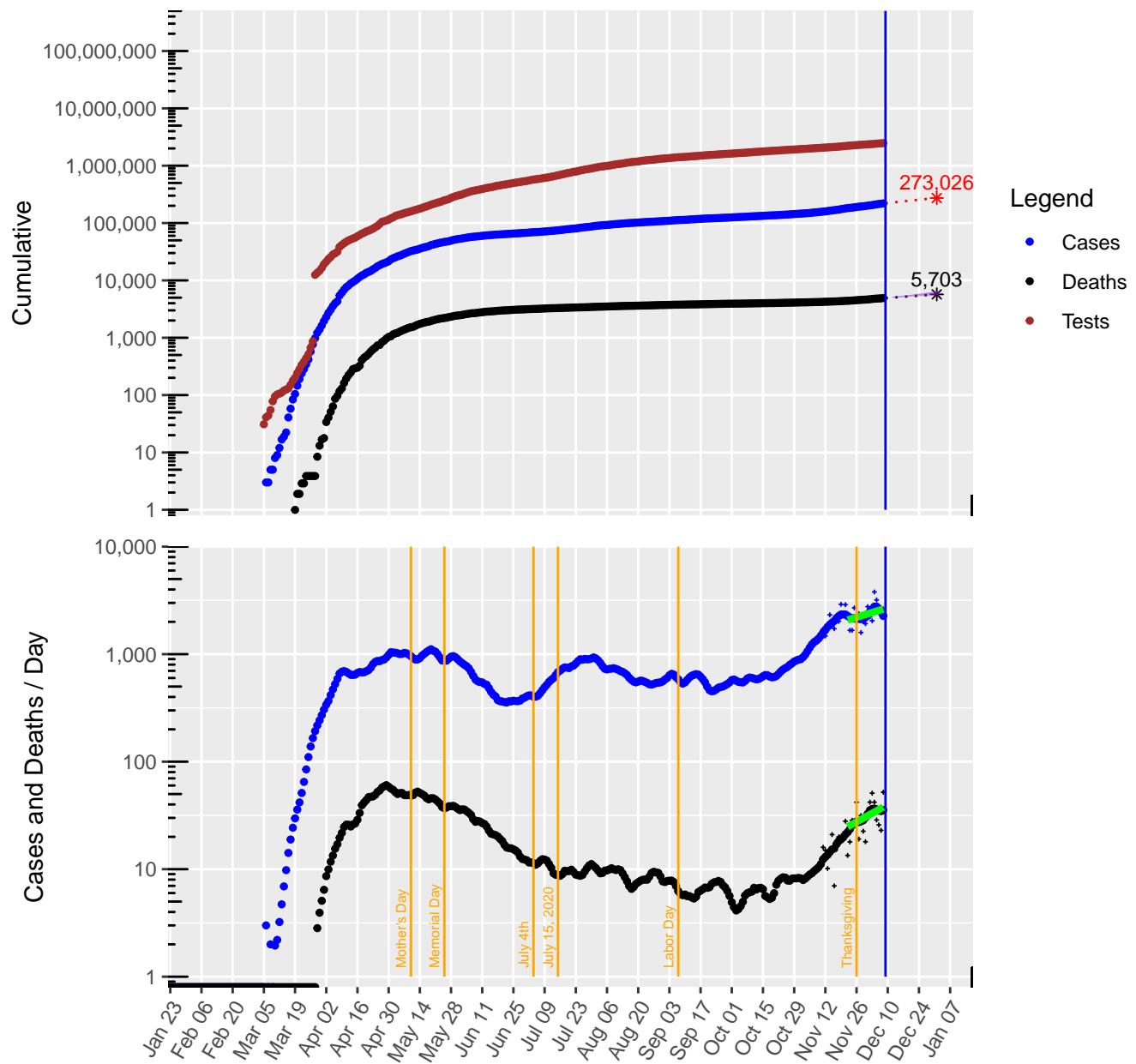
# Louisiana projection as of 2020-12-09



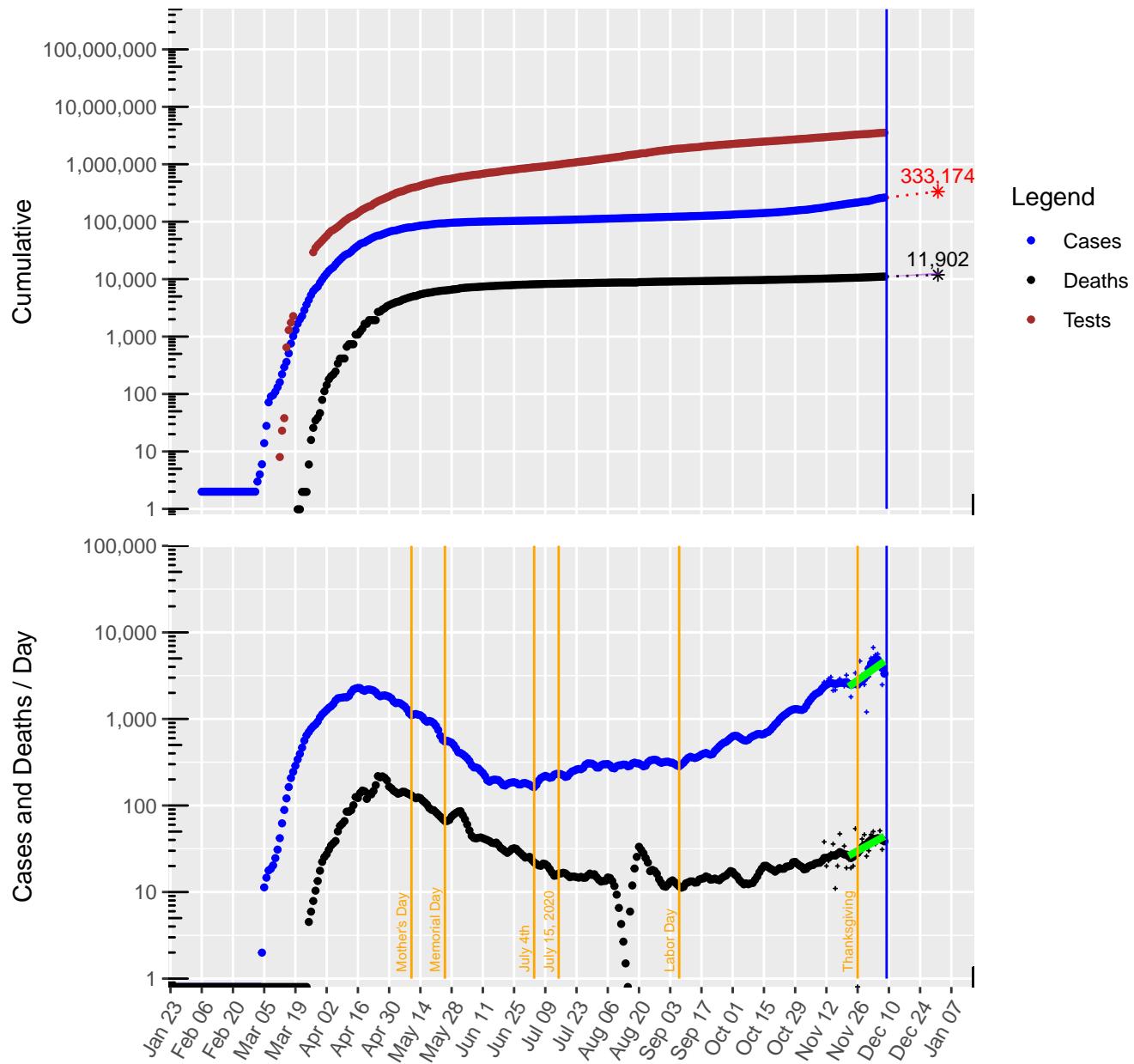
# Maine projection as of 2020-12-09



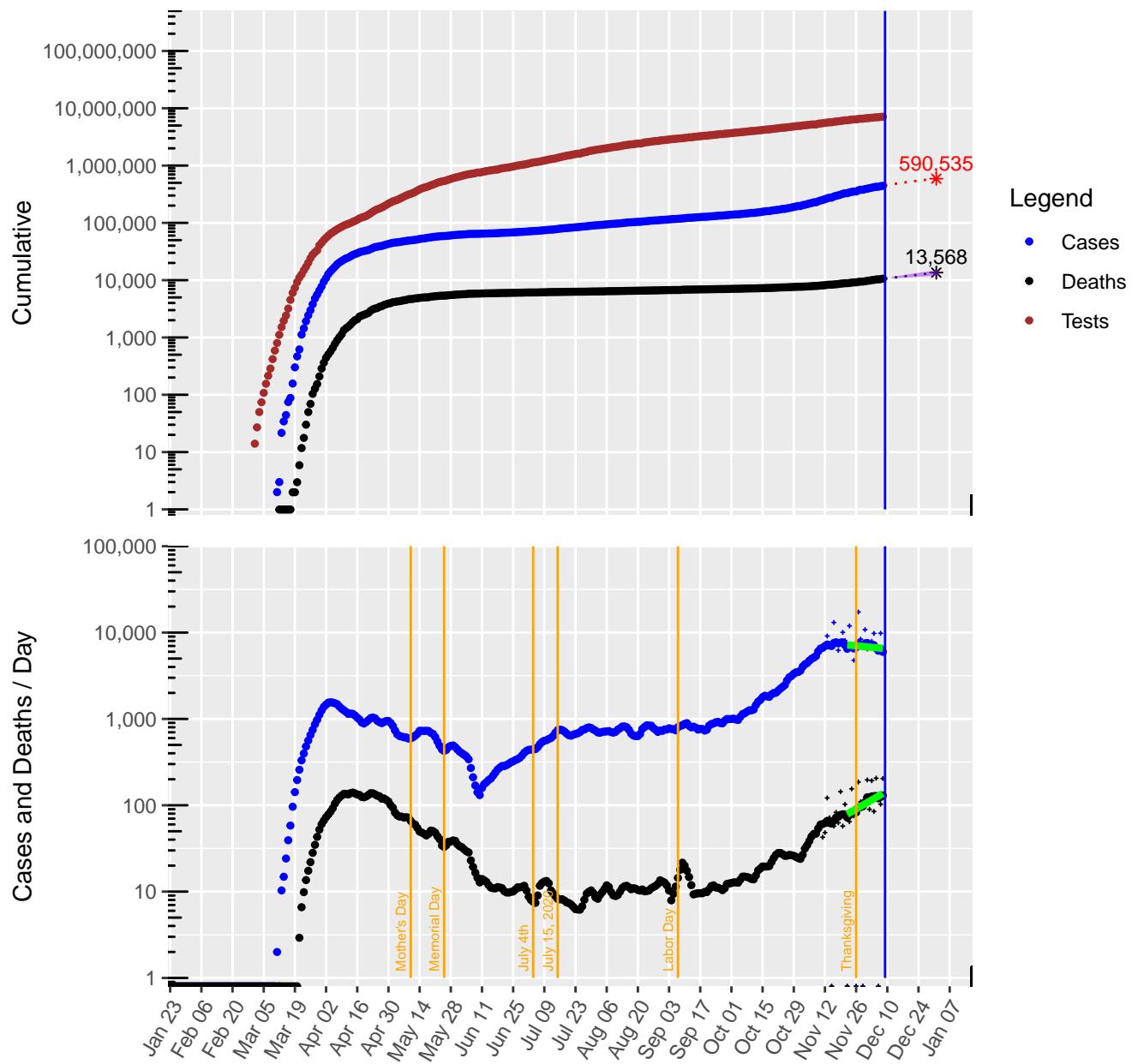
# Maryland projection as of 2020-12-09



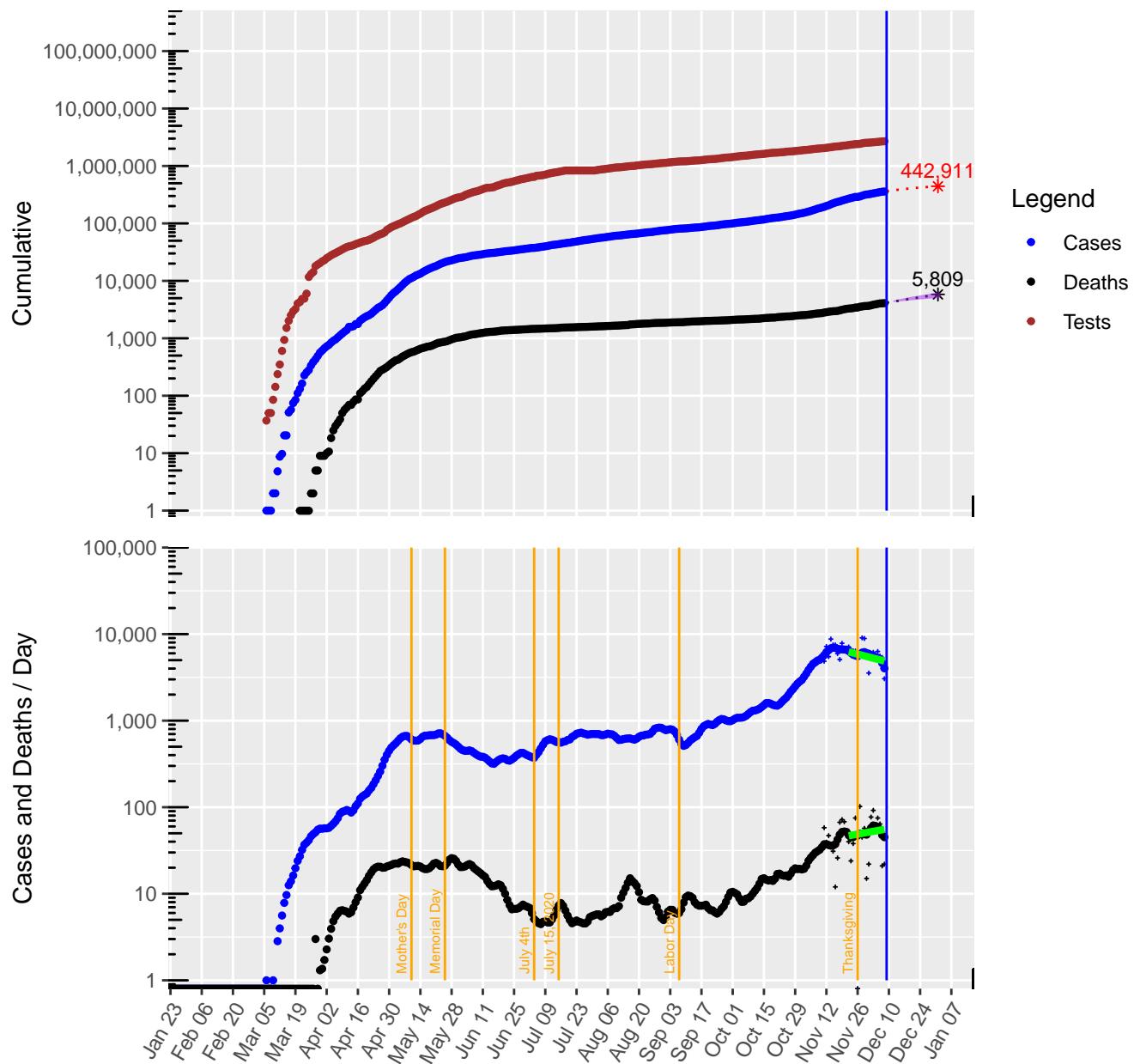
# Massachusetts projection as of 2020-12-09



# Michigan projection as of 2020-12-09

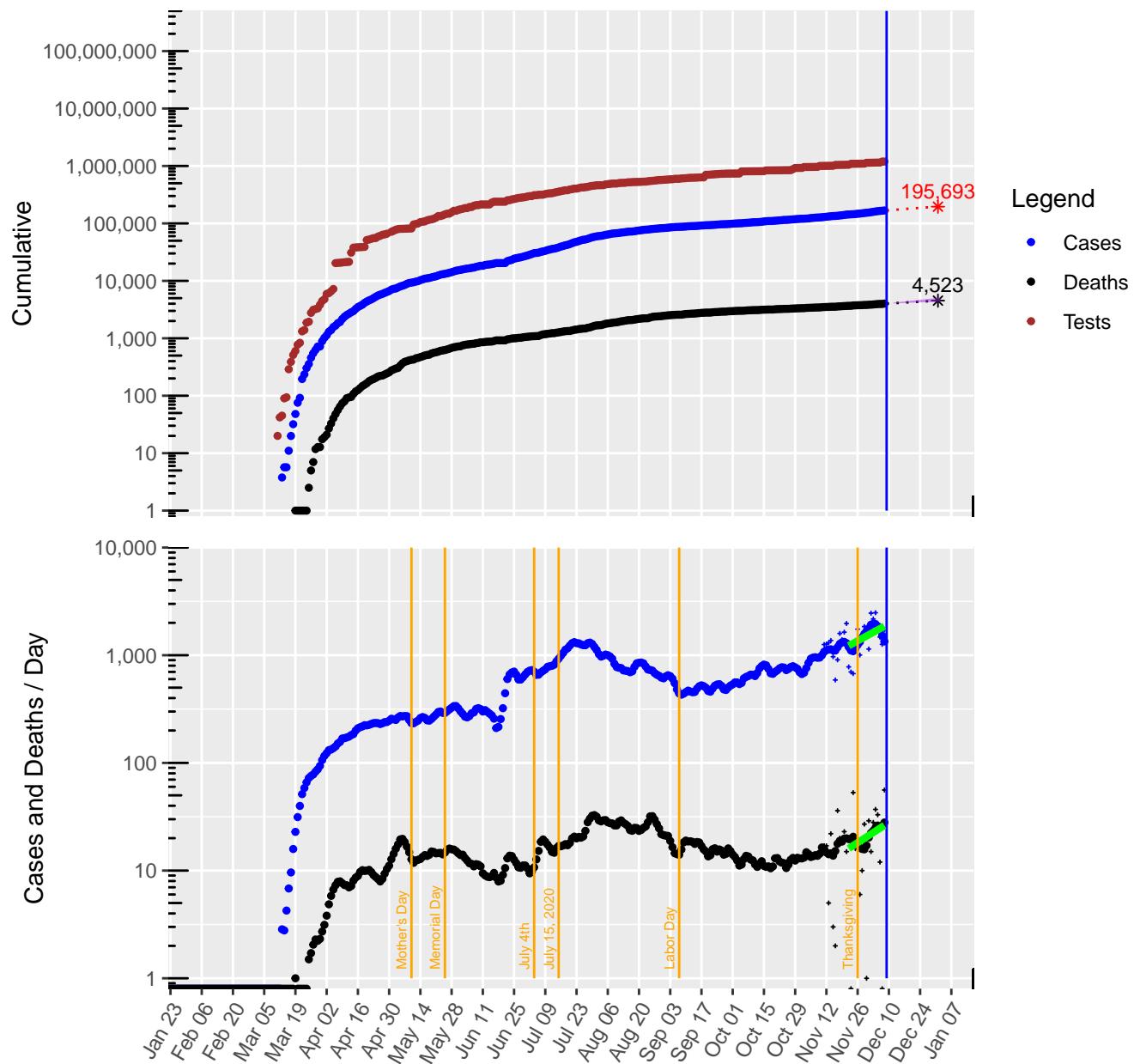


# Minnesota projection as of 2020-12-09



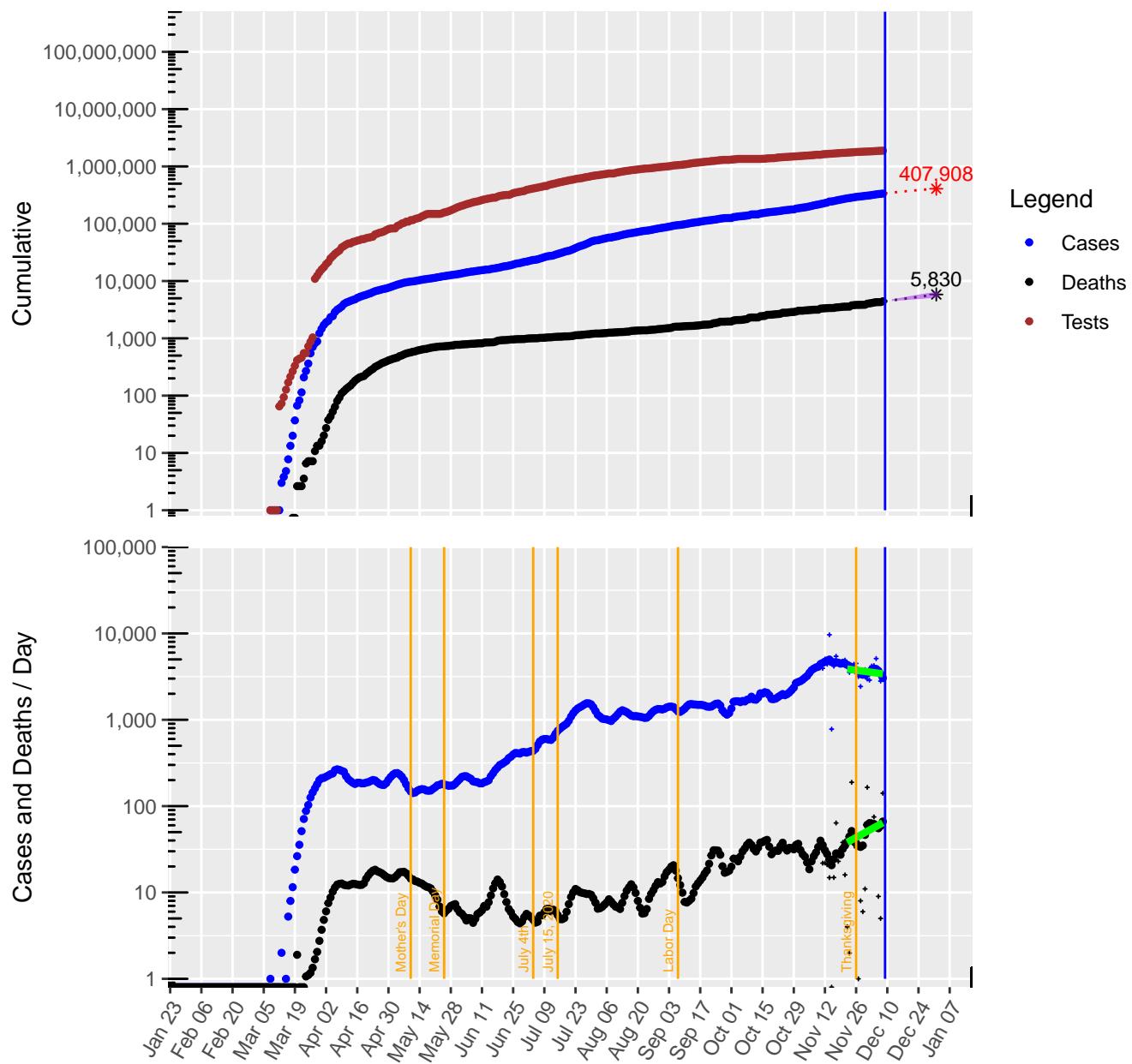
Deaths: 4,086 (22) --- Case Mortality: 1.1% --- Daily Change: -1.6% Cases, +1.1% Deaths (over 16 days)

# Mississippi projection as of 2020-12-09

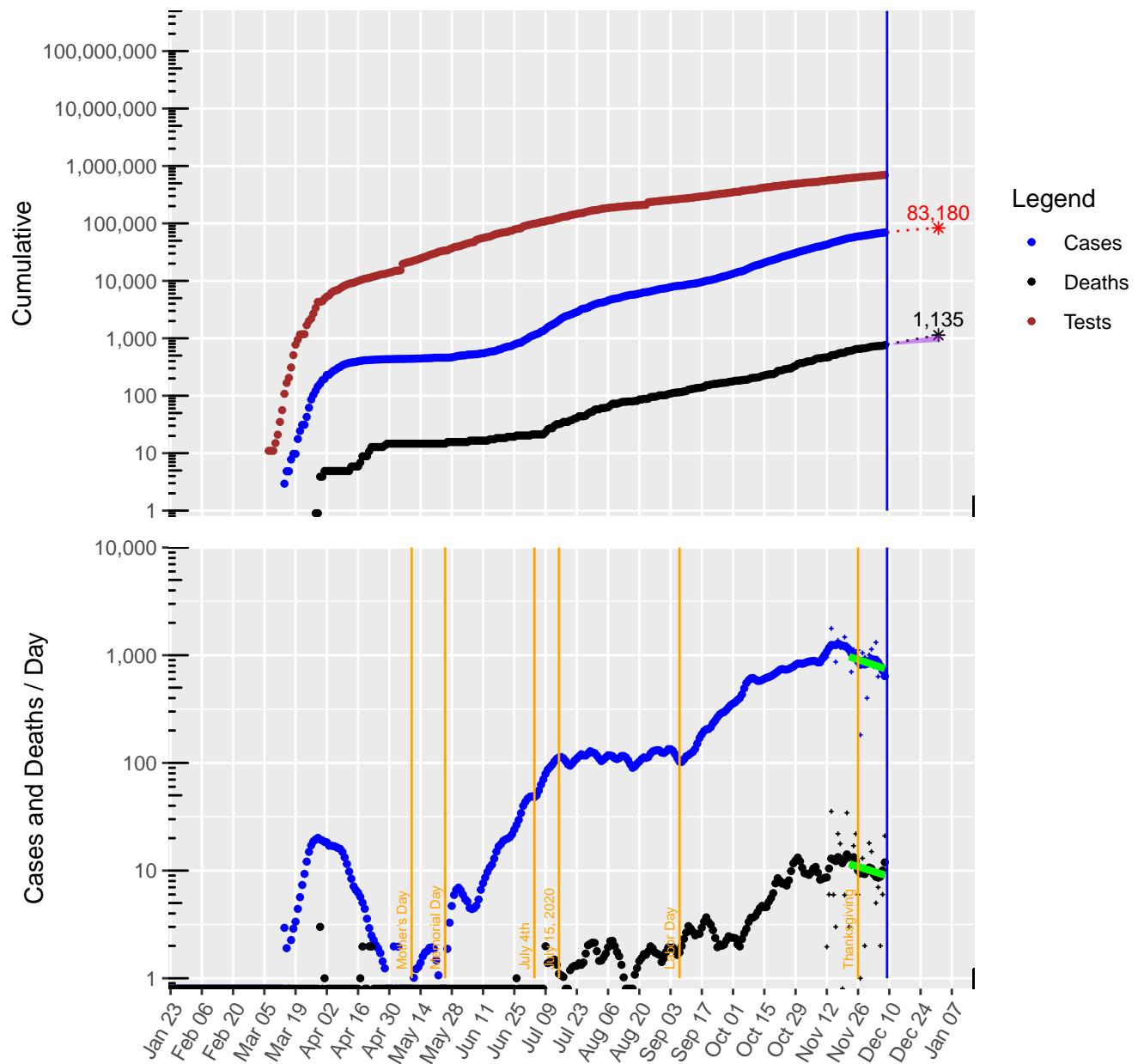


Deaths: 4,017 (56) — Case Mortality: 2.4% — Daily Change: +2.7% Cases, +3.2% Deaths (over 16 days)

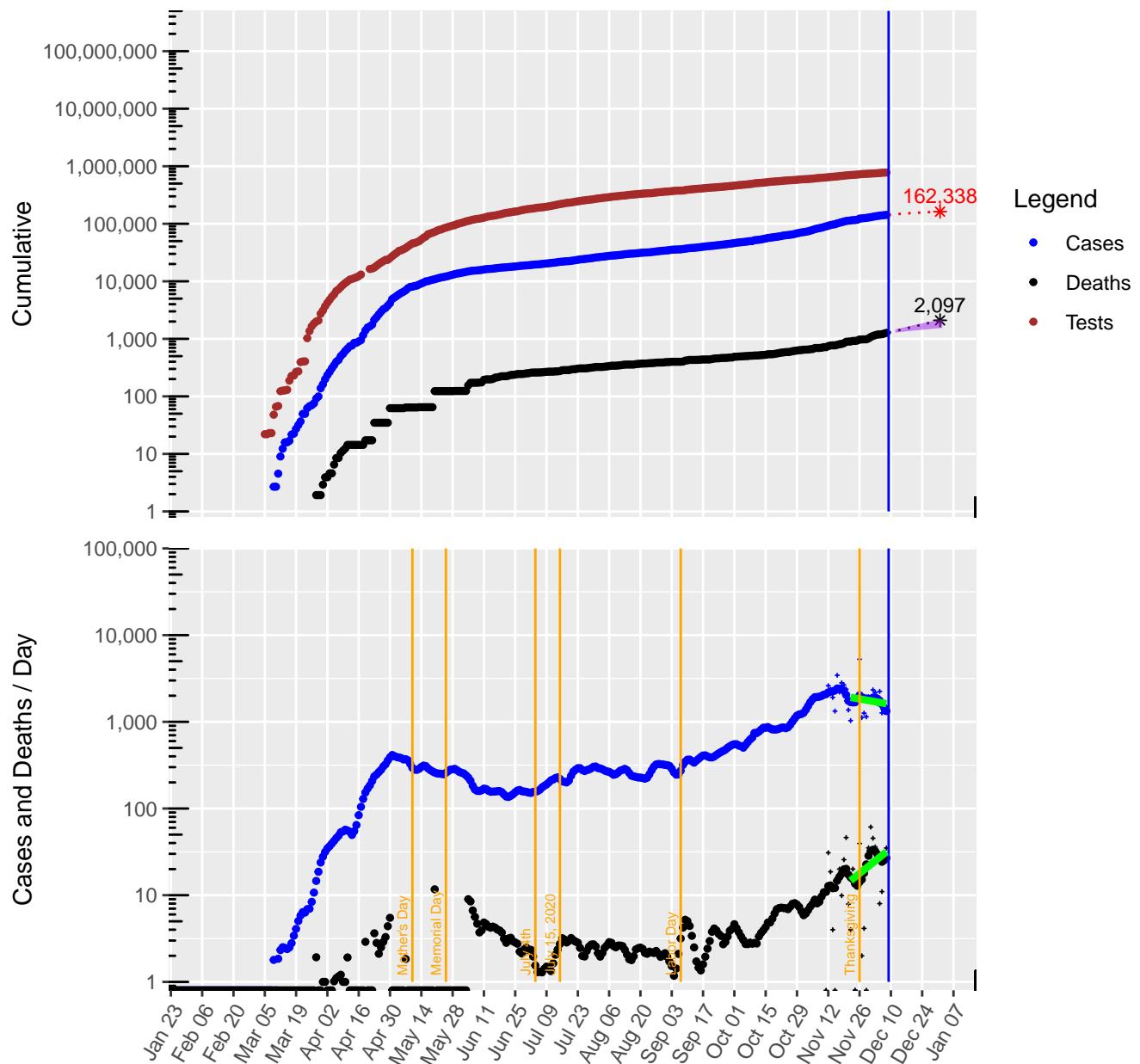
# Missouri projection as of 2020-12-09



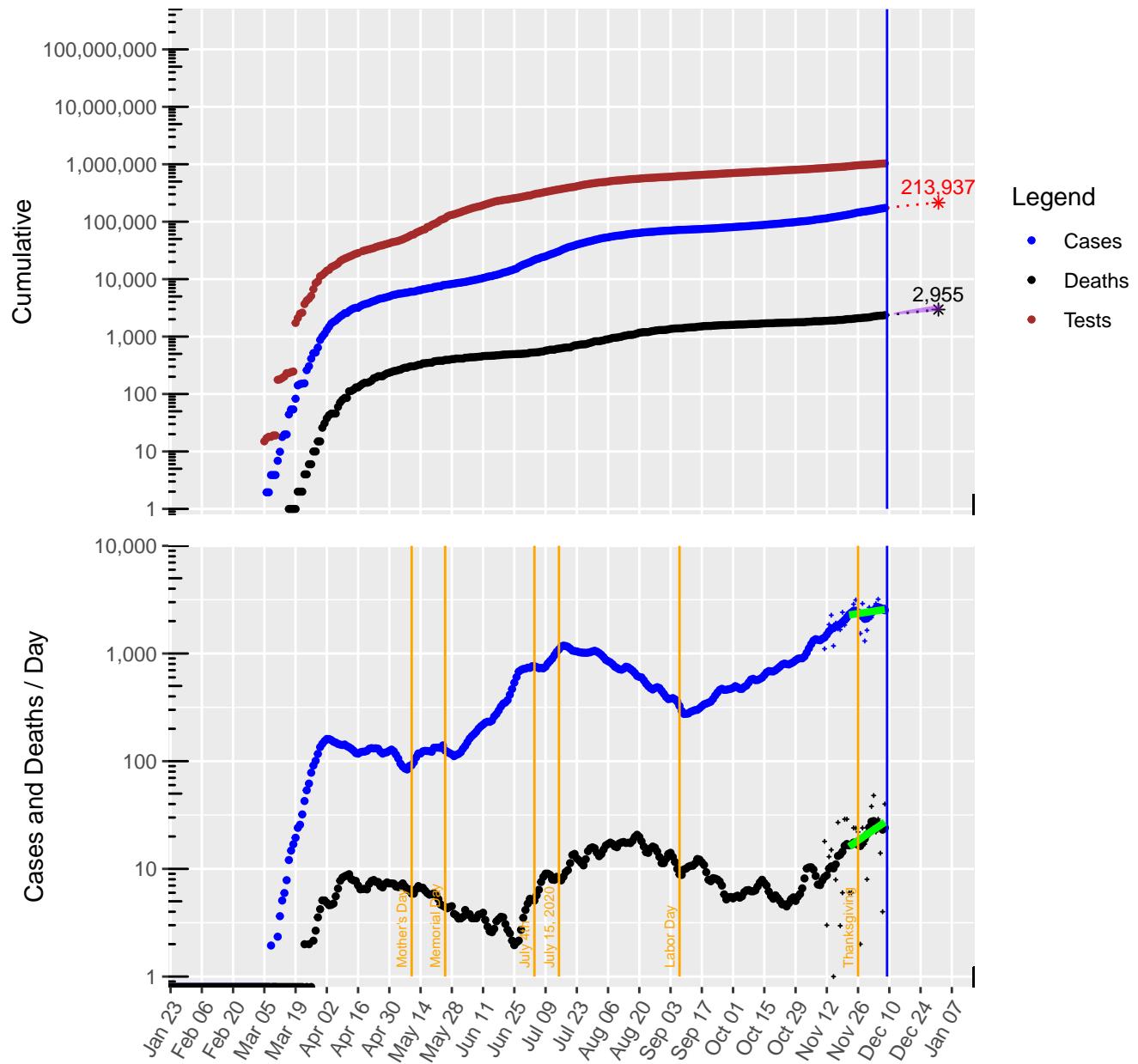
# Montana projection as of 2020-12-09



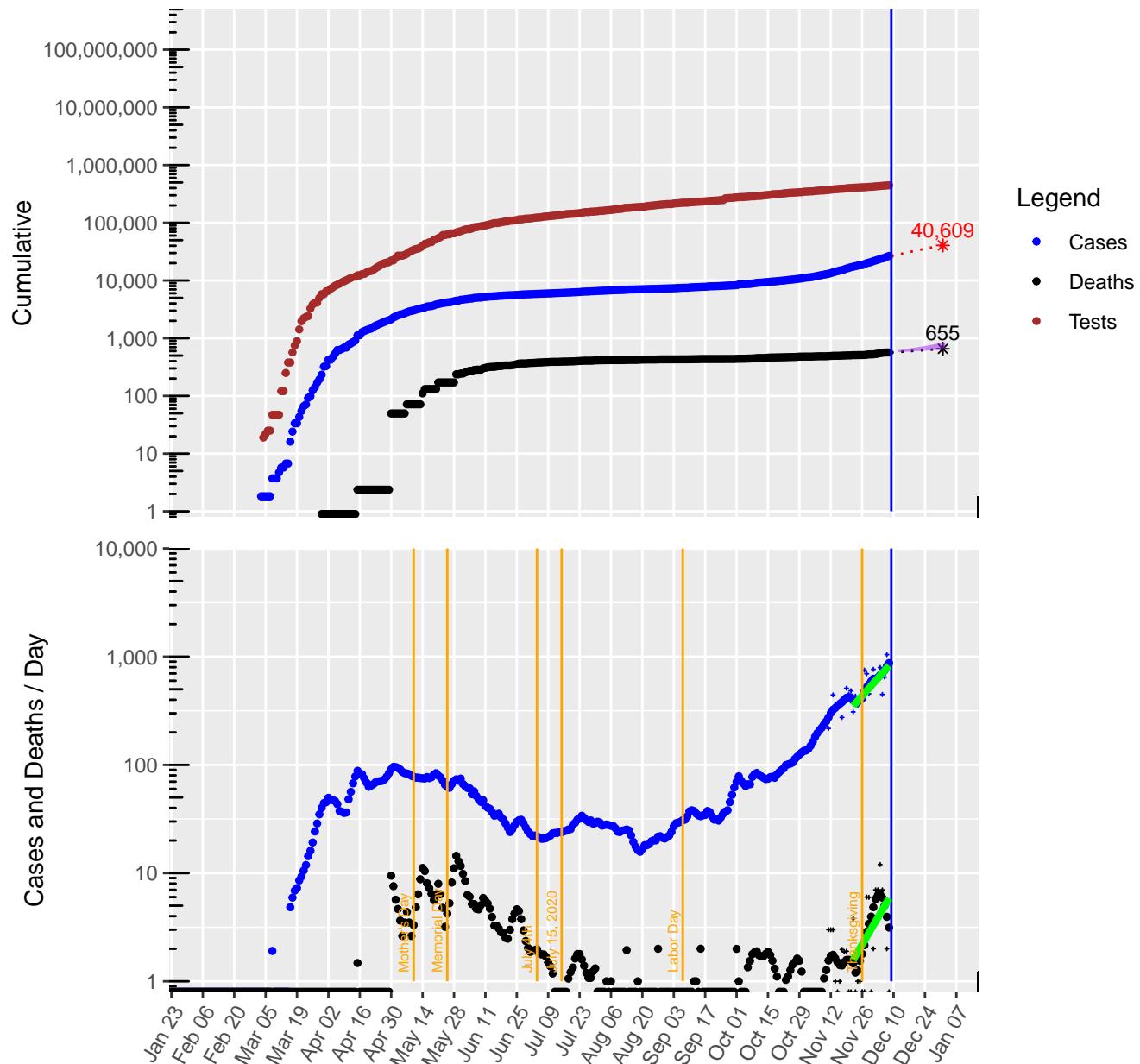
# Nebraska projection as of 2020-12-09



# Nevada projection as of 2020-12-09

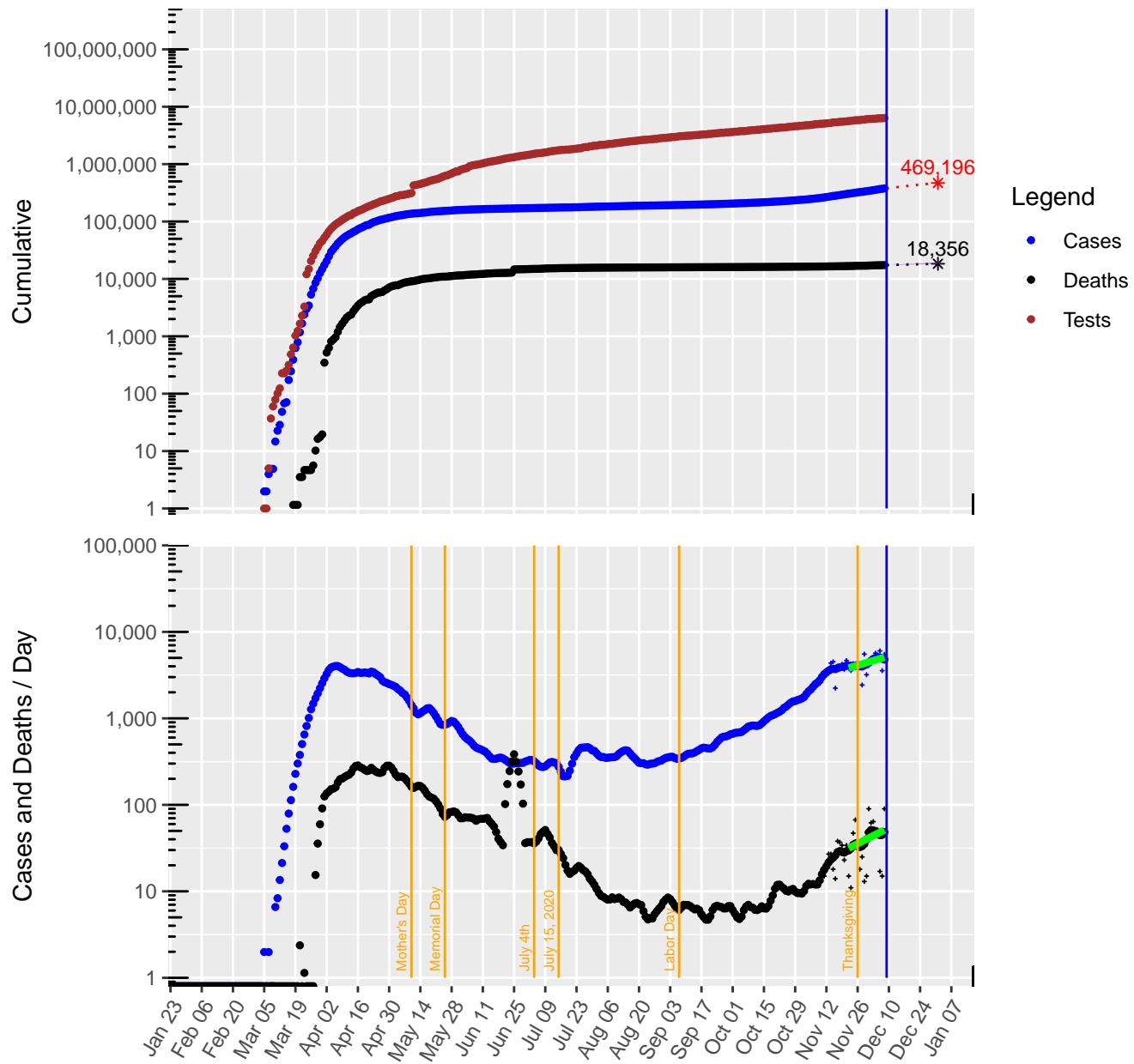


# New Hampshire projection as of 2020-12-09

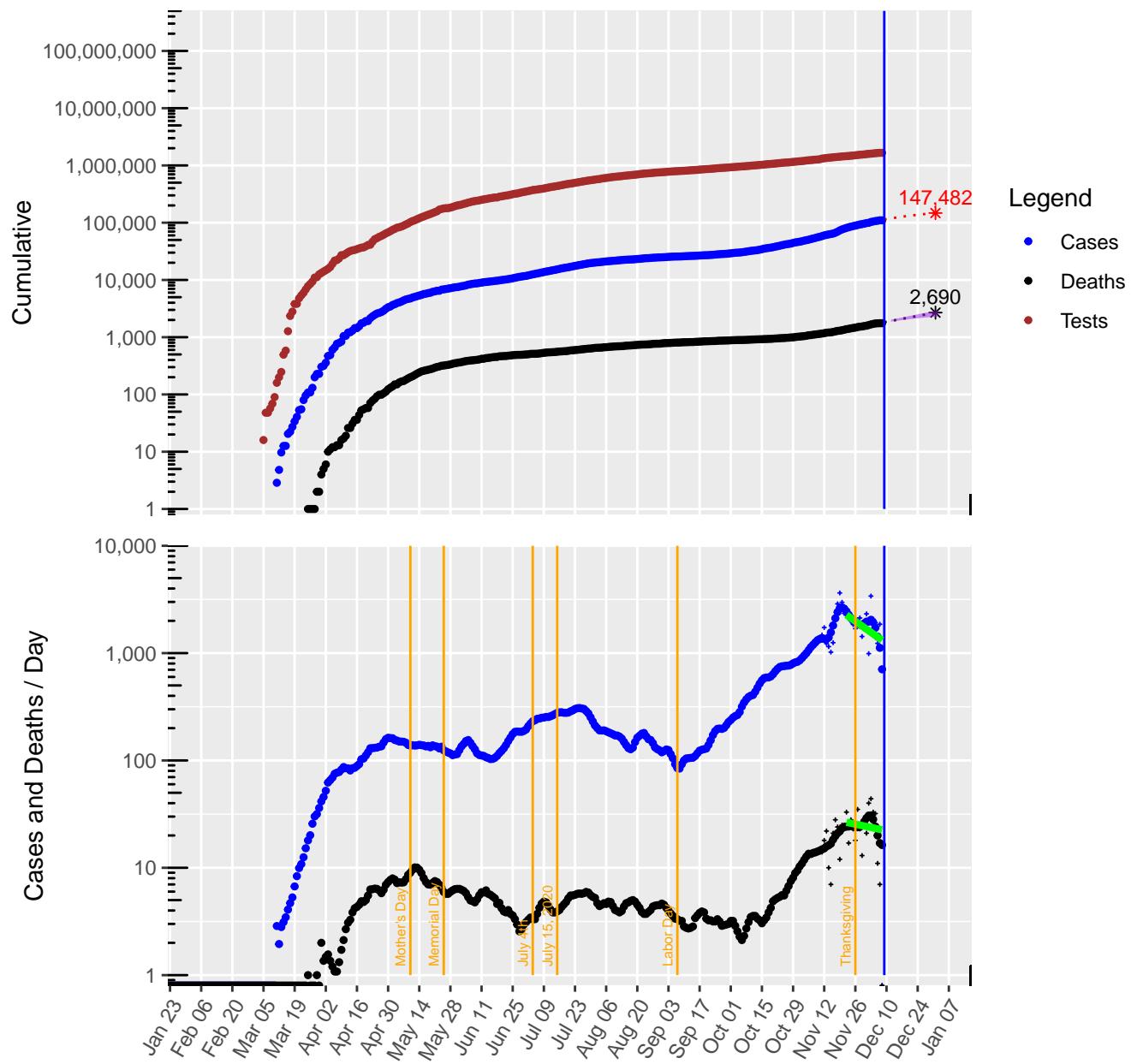


Deaths: 566 (0) — Case Mortality: 2.1% — Daily Change: +5.4% Cases, +7.7% Deaths (over 16 days)

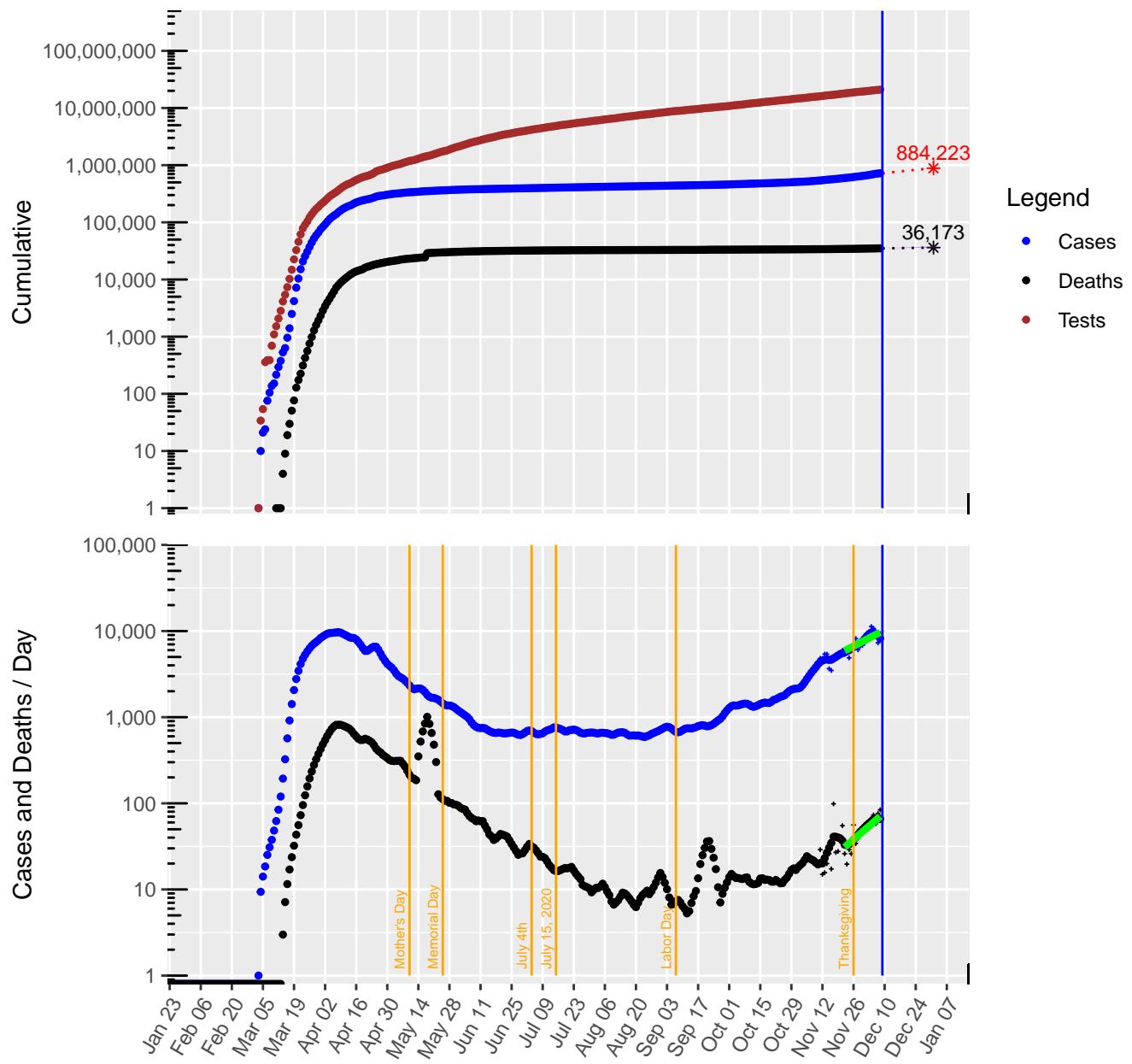
# New Jersey projection as of 2020-12-09



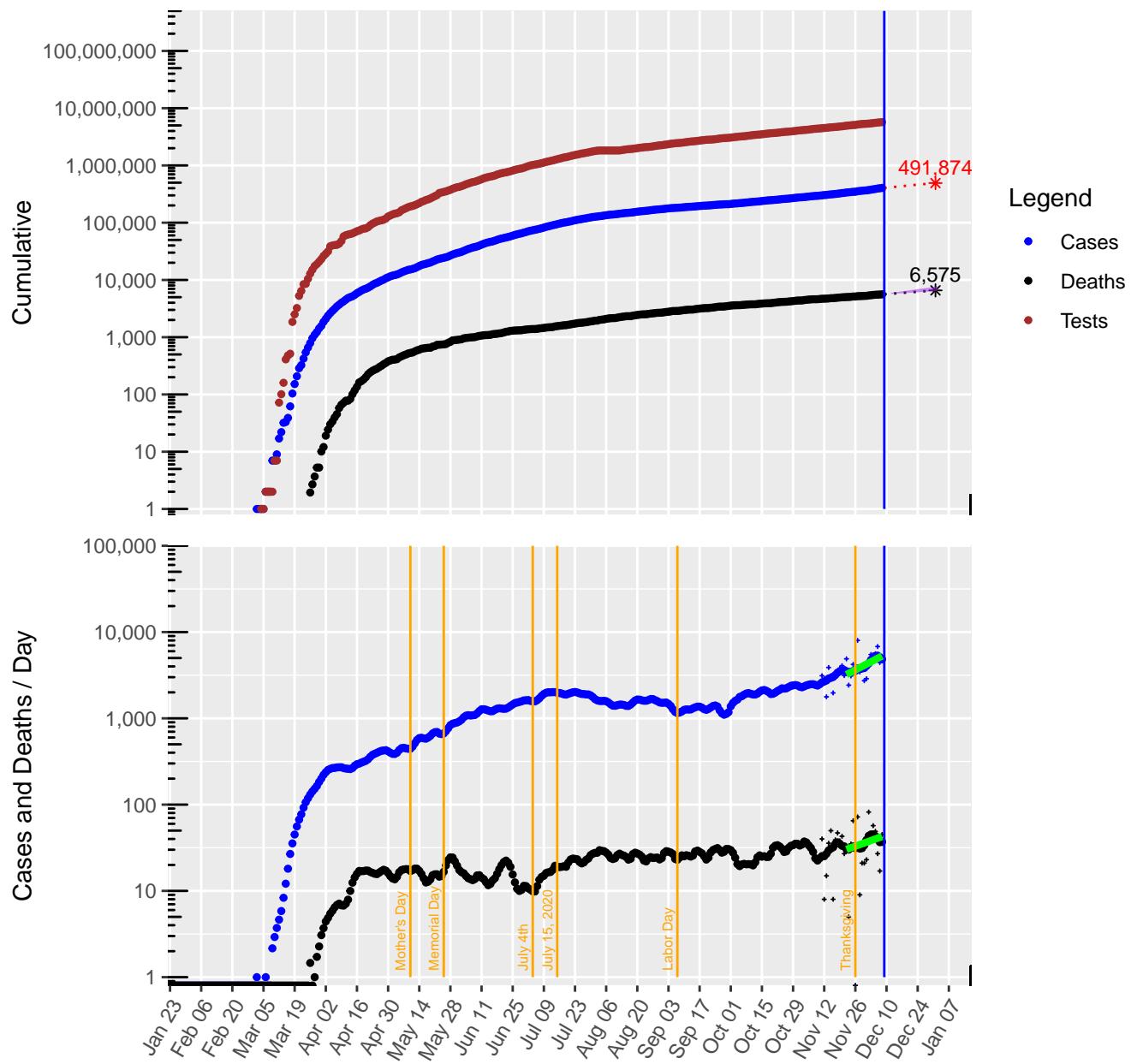
# New Mexico projection as of 2020-12-09



# New York projection as of 2020-12-09

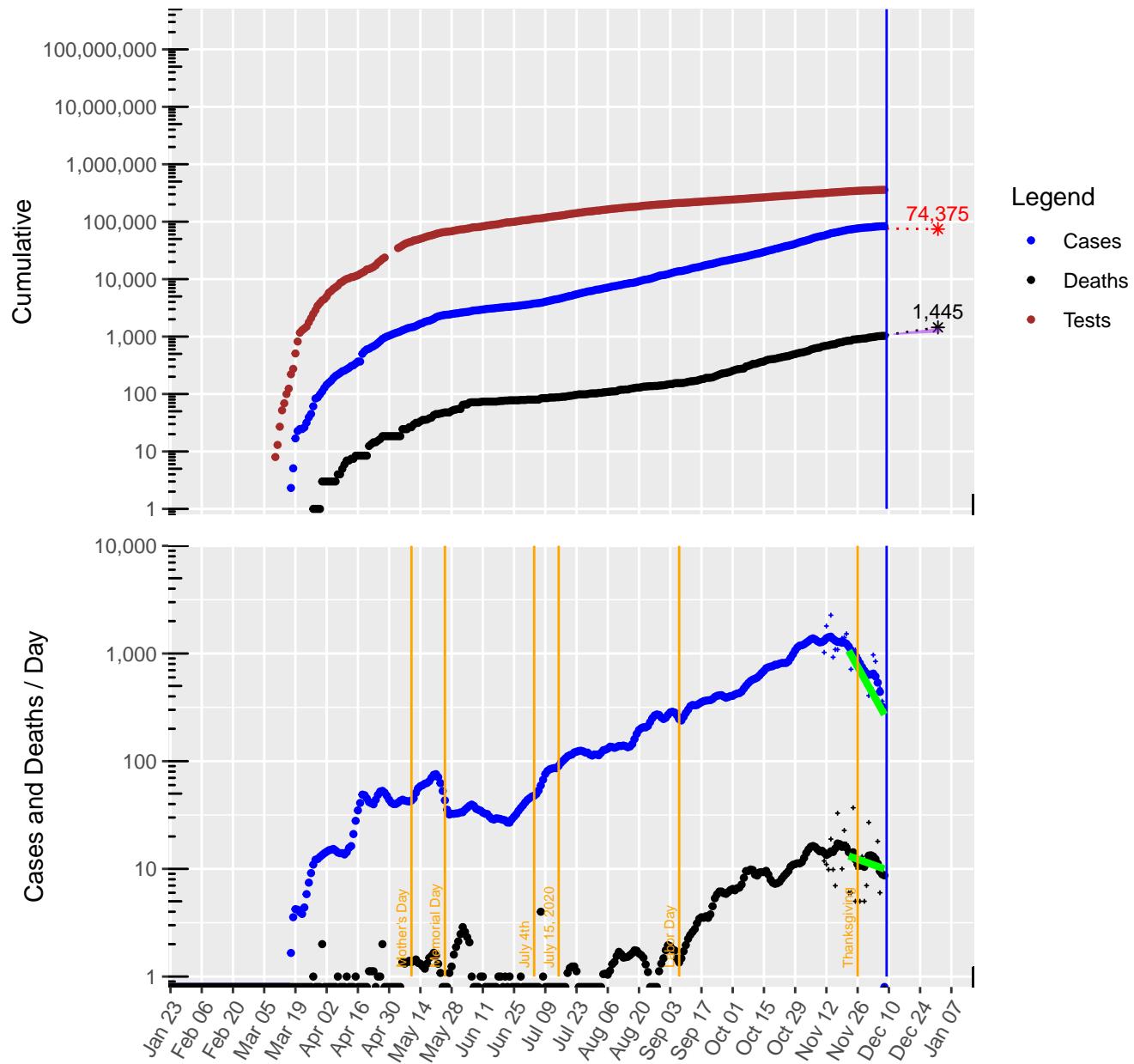


# North Carolina projection as of 2020-12-09

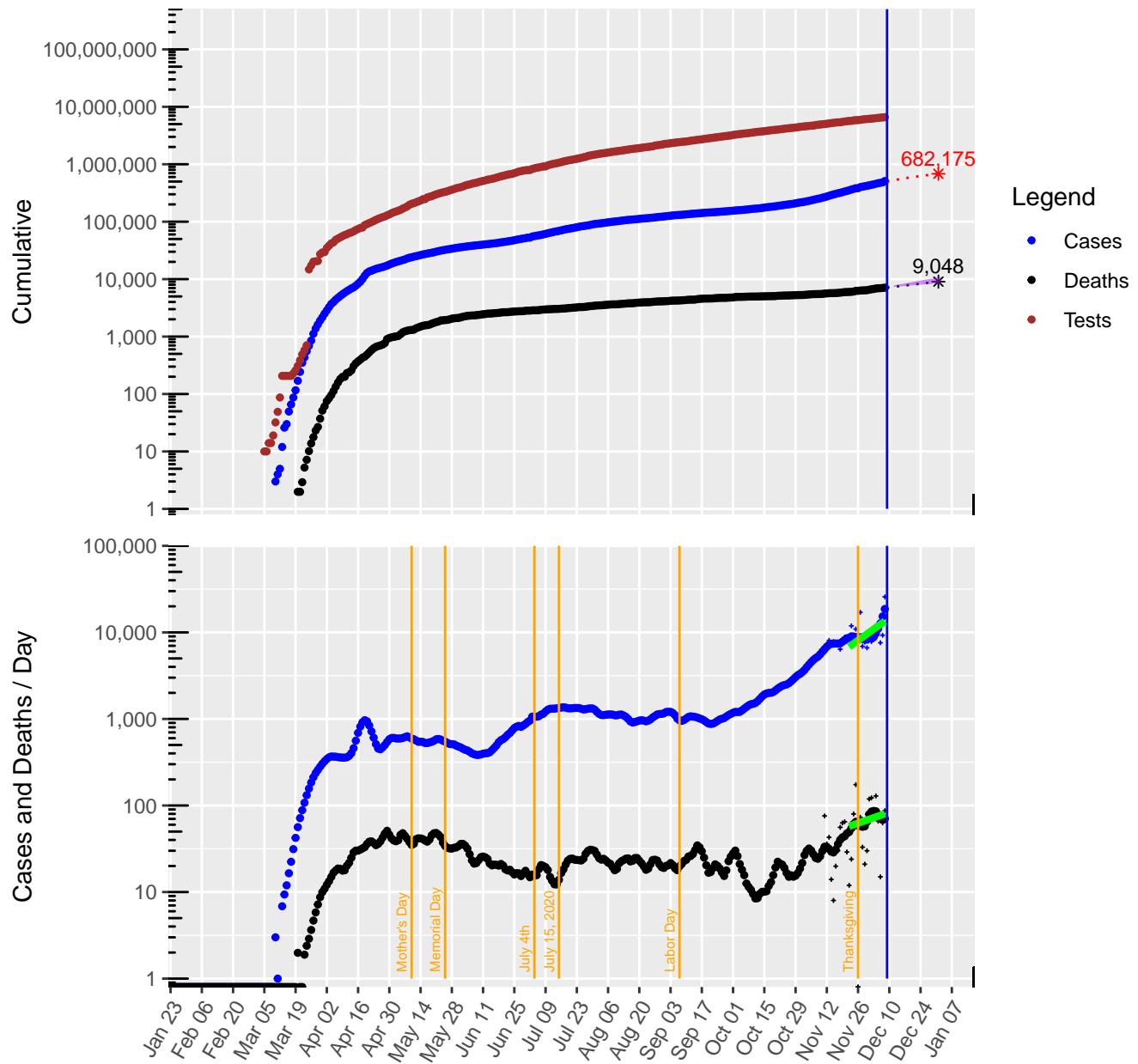


Deaths: 5,605 (45) --- Case Mortality: 1.4% --- Daily Change: +3.2% Cases, +2.3% Deaths (over 16 days)

# North Dakota projection as of 2020-12-09

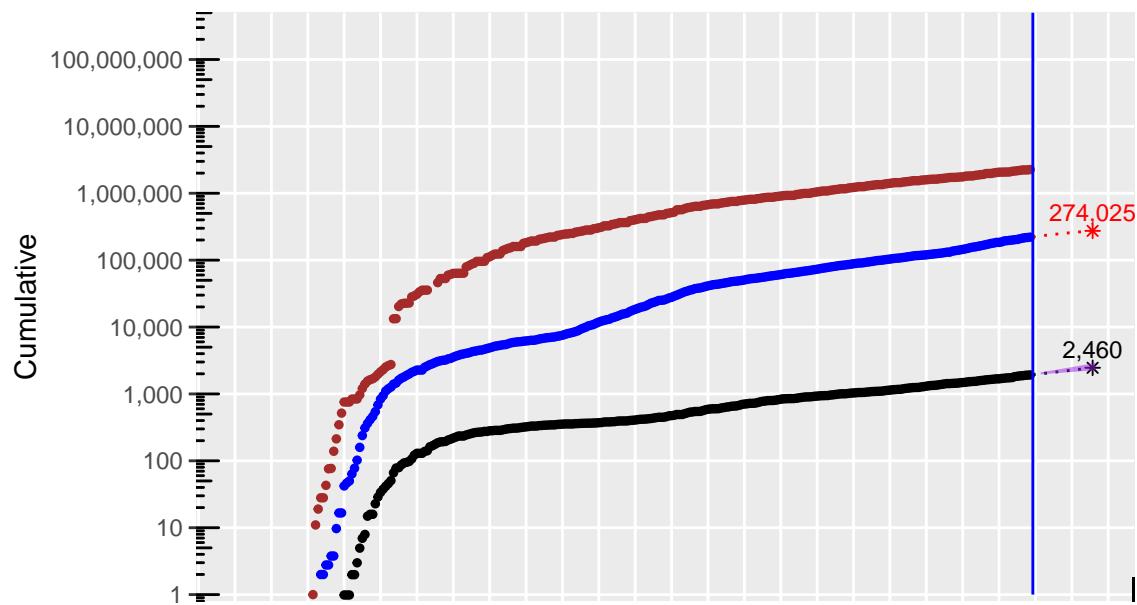


# Ohio projection as of 2020-12-09



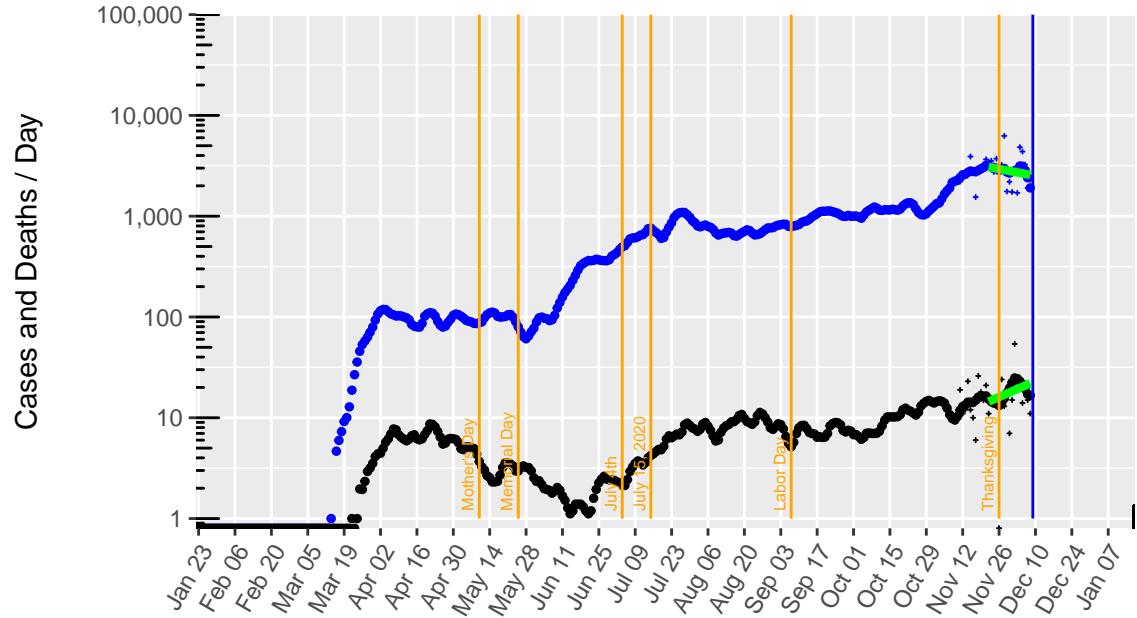
Deaths: 7,103 (87) — Case Mortality: 1.4% — Daily Change: +4.4% Cases, +2.2% Deaths (over 16 days)

# Oklahoma projection as of 2020-12-09



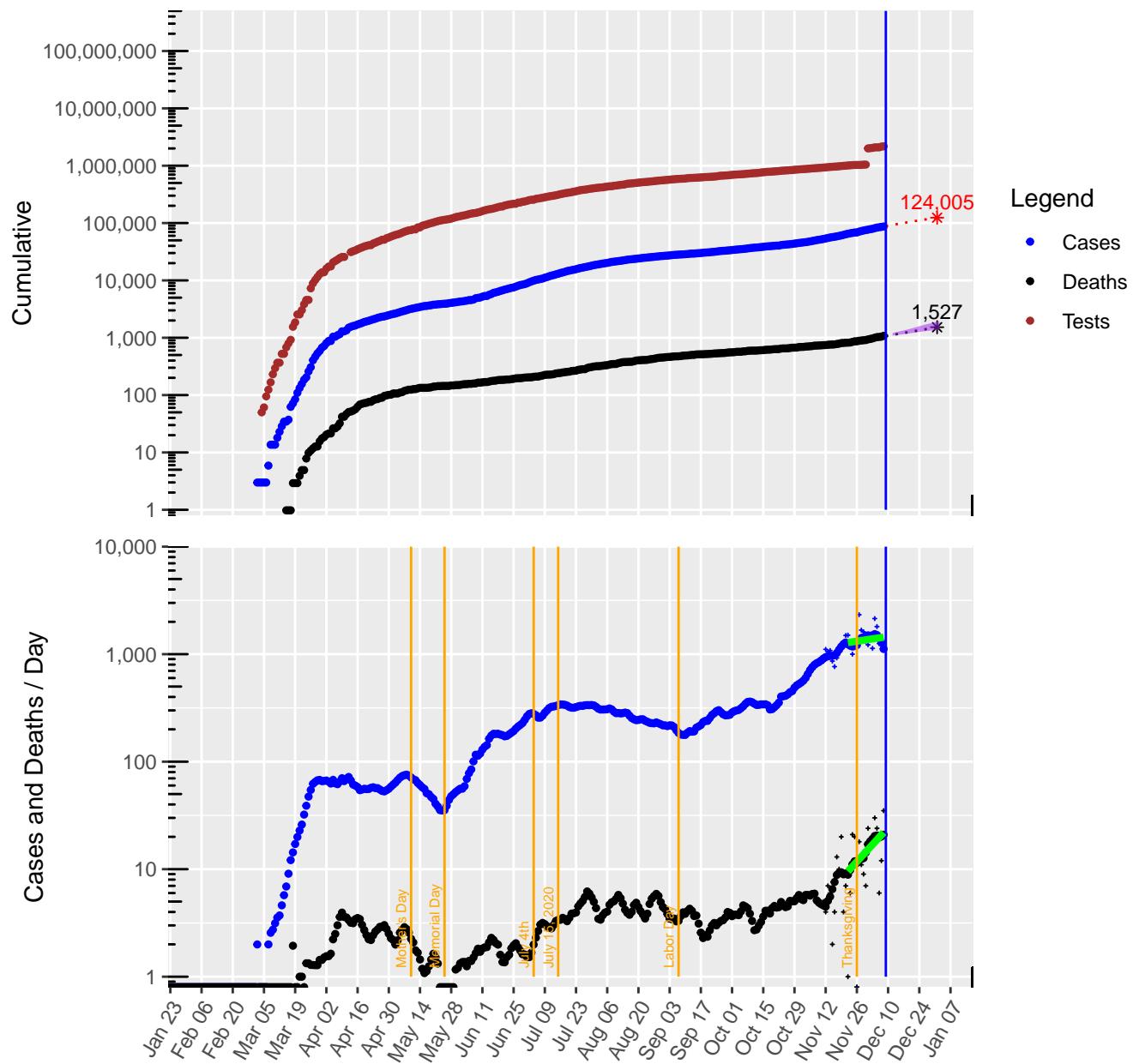
Legend

- Cases
- Deaths
- Tests

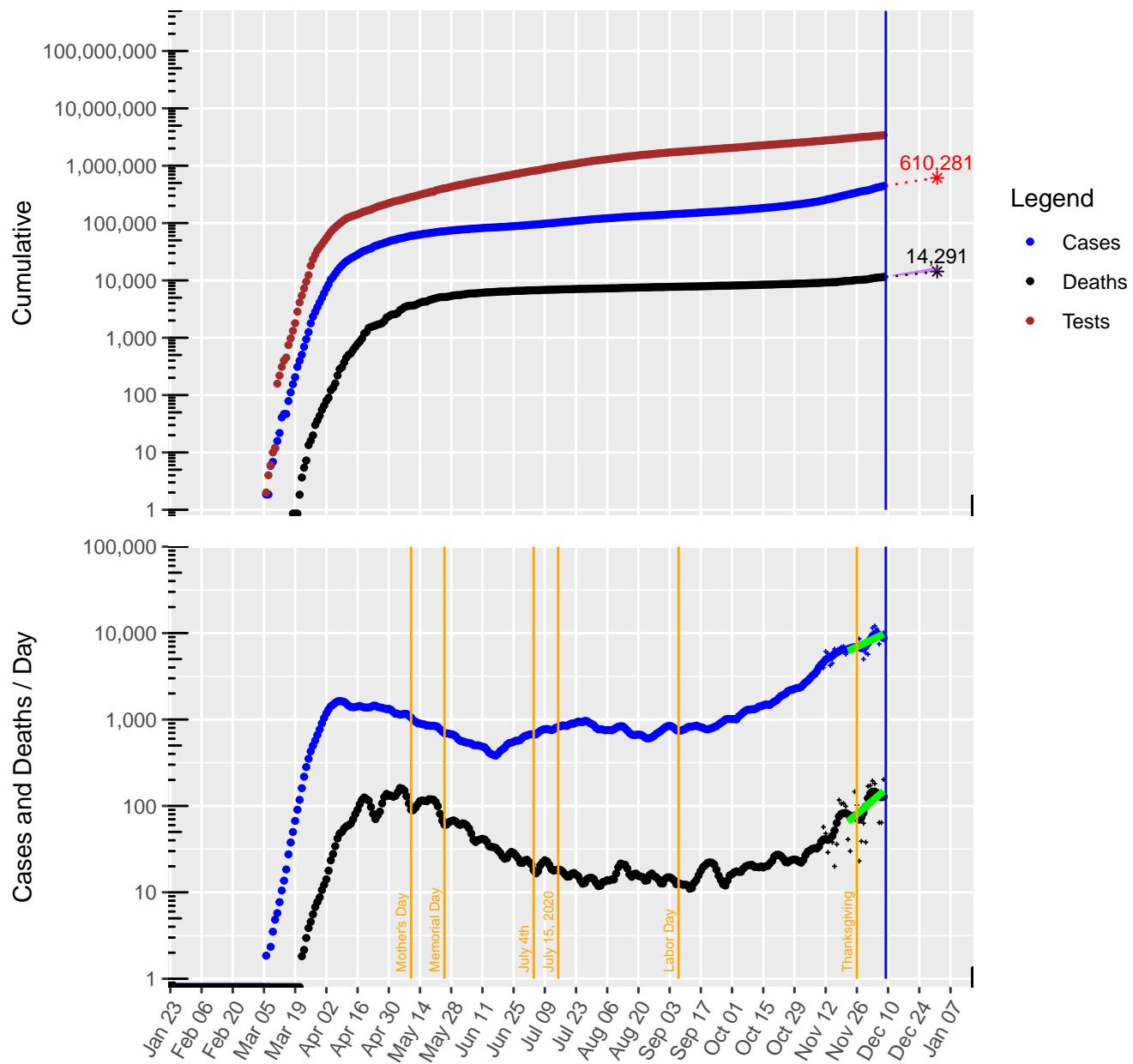


Deaths: 1,922 (11) — Case Mortality: 0.9% — Daily Change: -1.2% Cases, +2.7% Deaths (over 16 days)

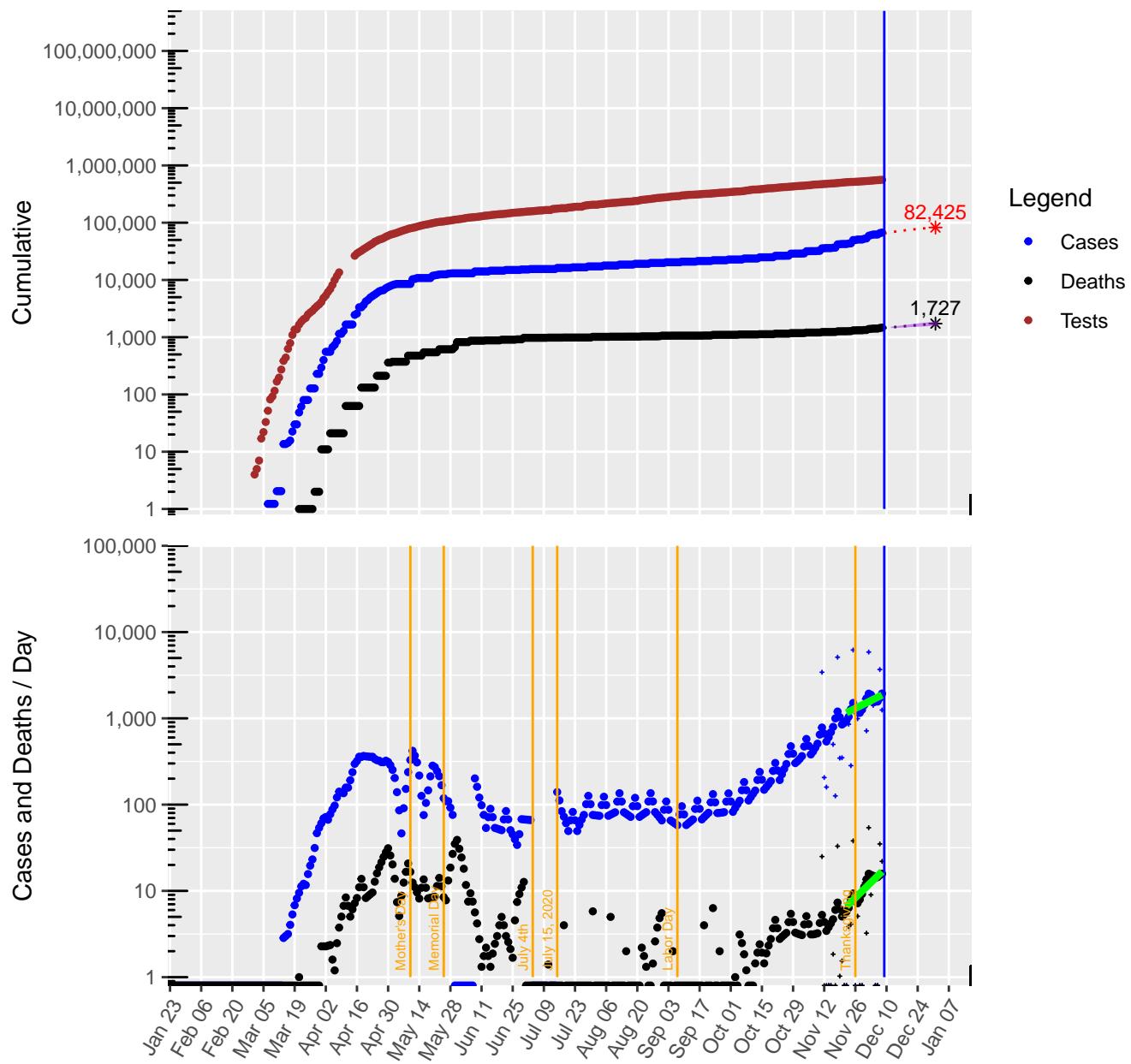
# Oregon projection as of 2020-12-09



# Pennsylvania projection as of 2020-12-09

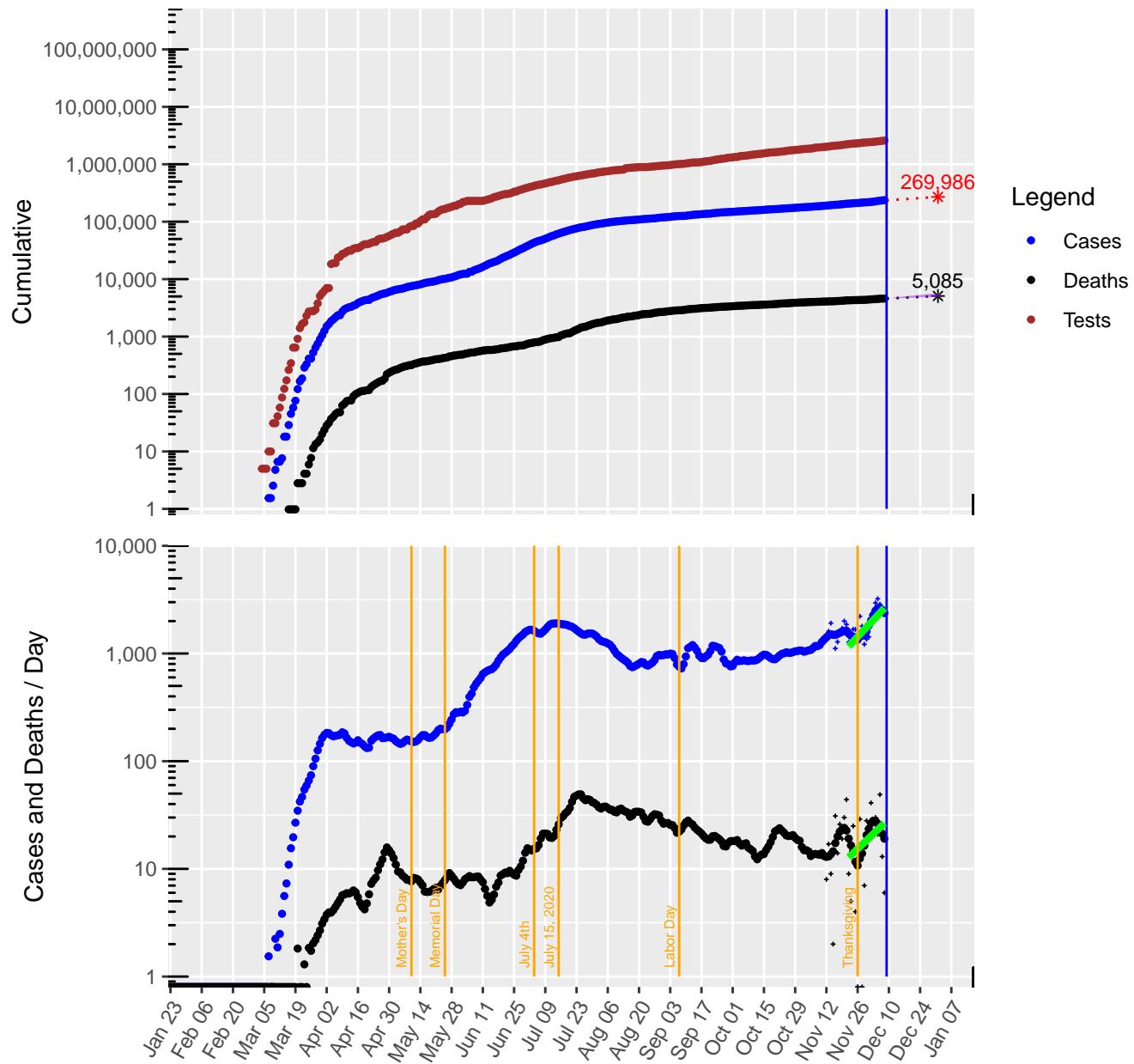


# Rhode Island projection as of 2020-12-09

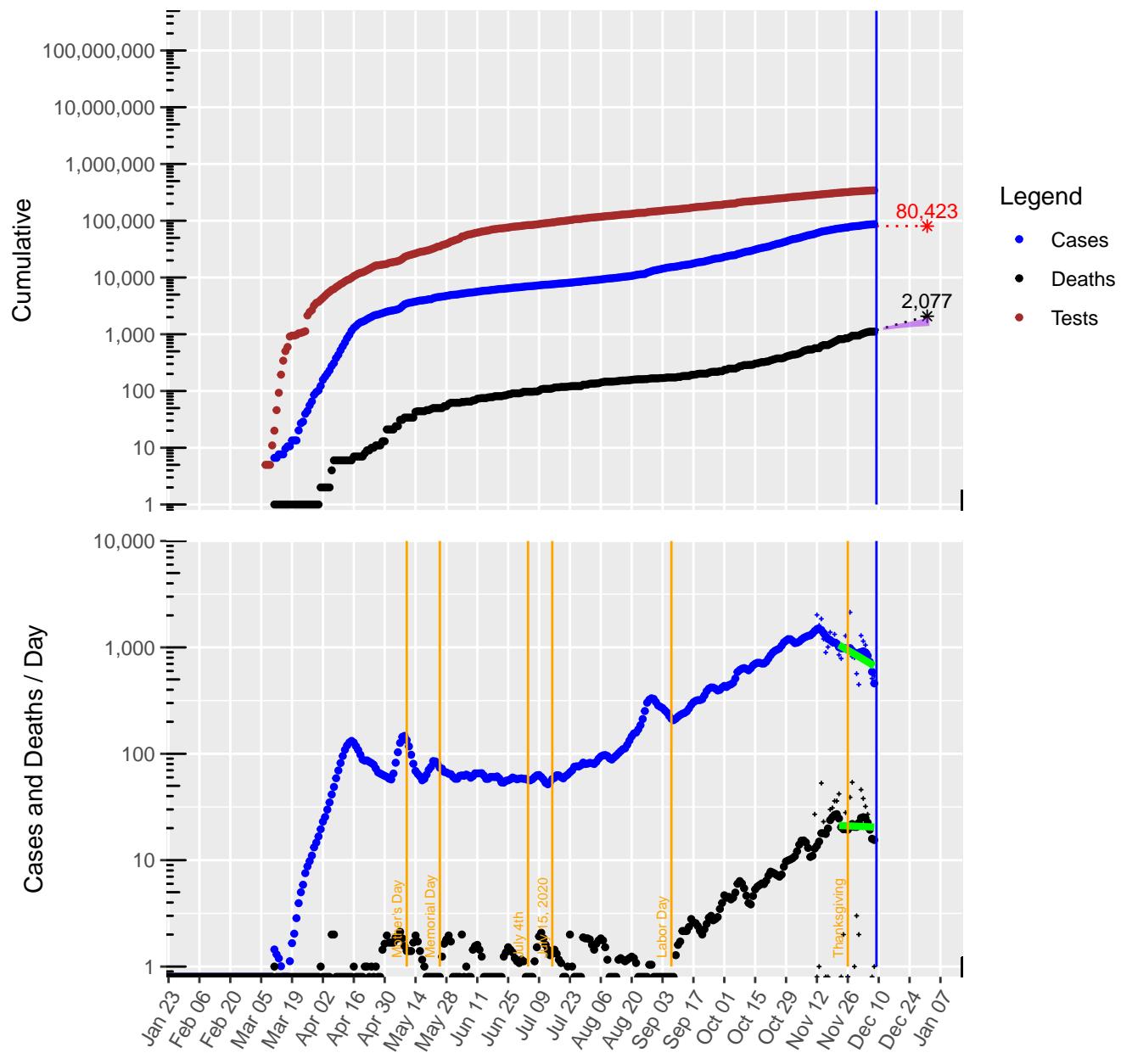


Deaths: 1,470 (22) — Case Mortality: 2.2% — Daily Change: +3.1% Cases, +5.8% Deaths (over 16 days)

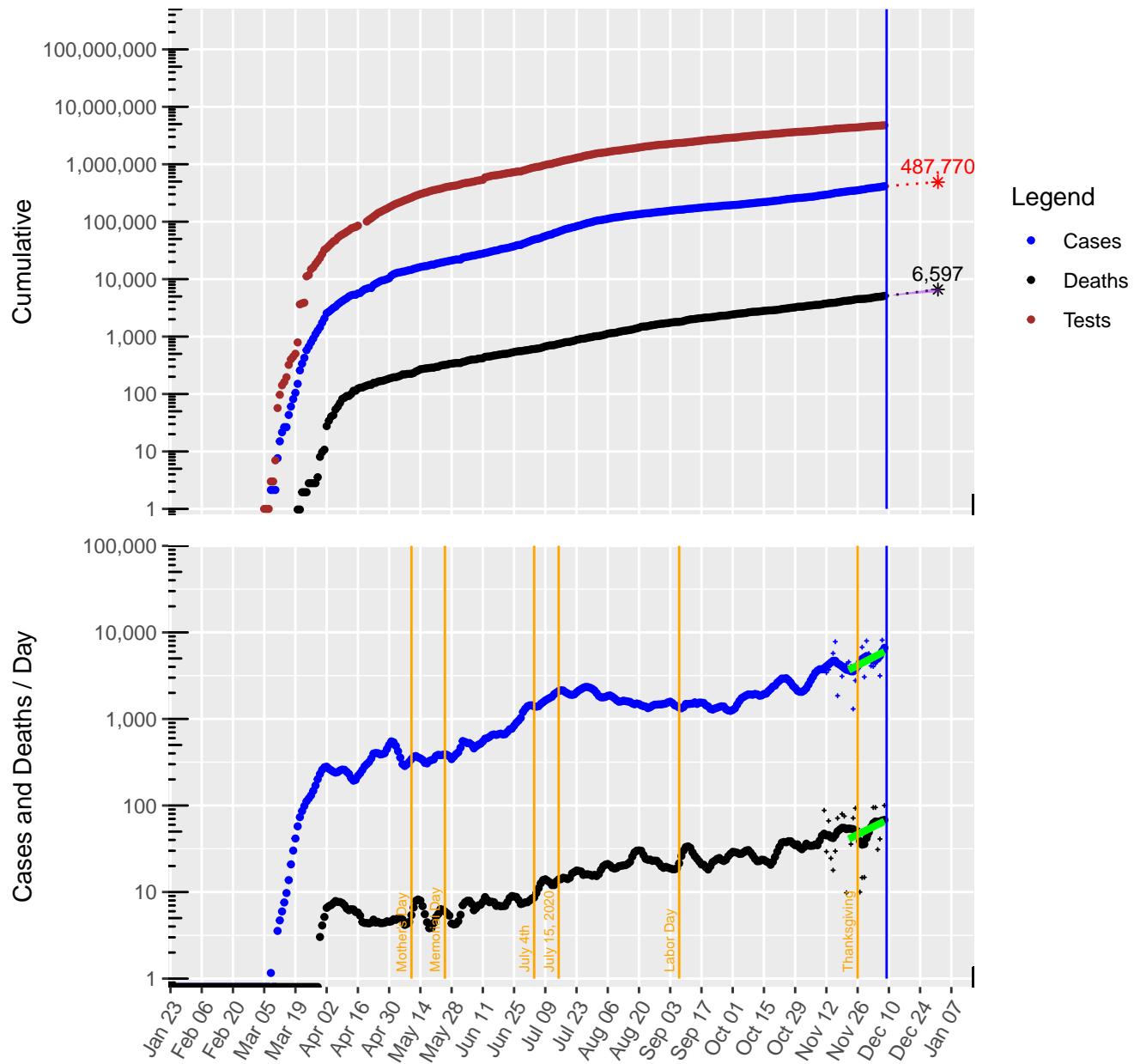
# South Carolina projection as of 2020-12-09



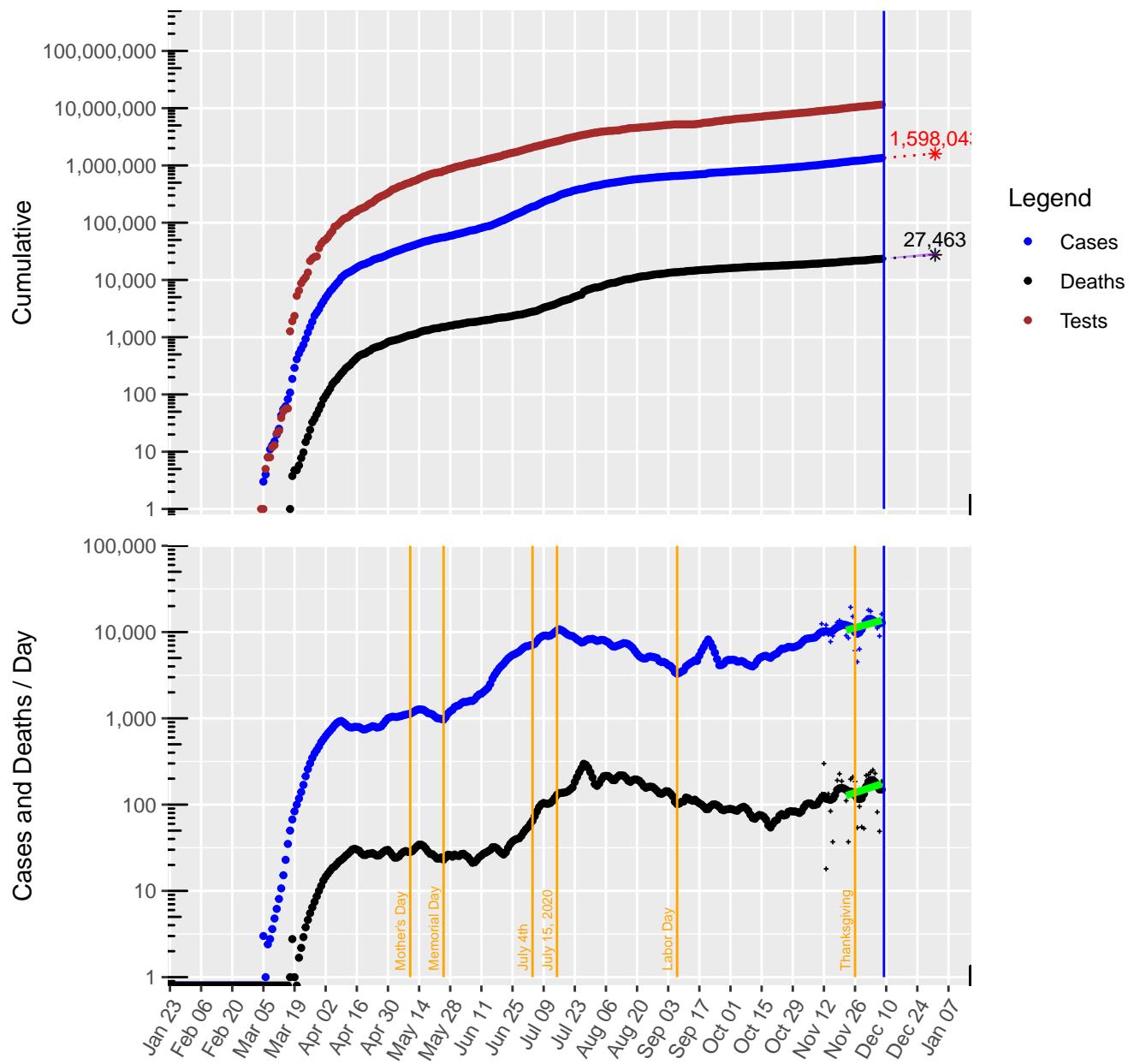
# South Dakota projection as of 2020-12-09



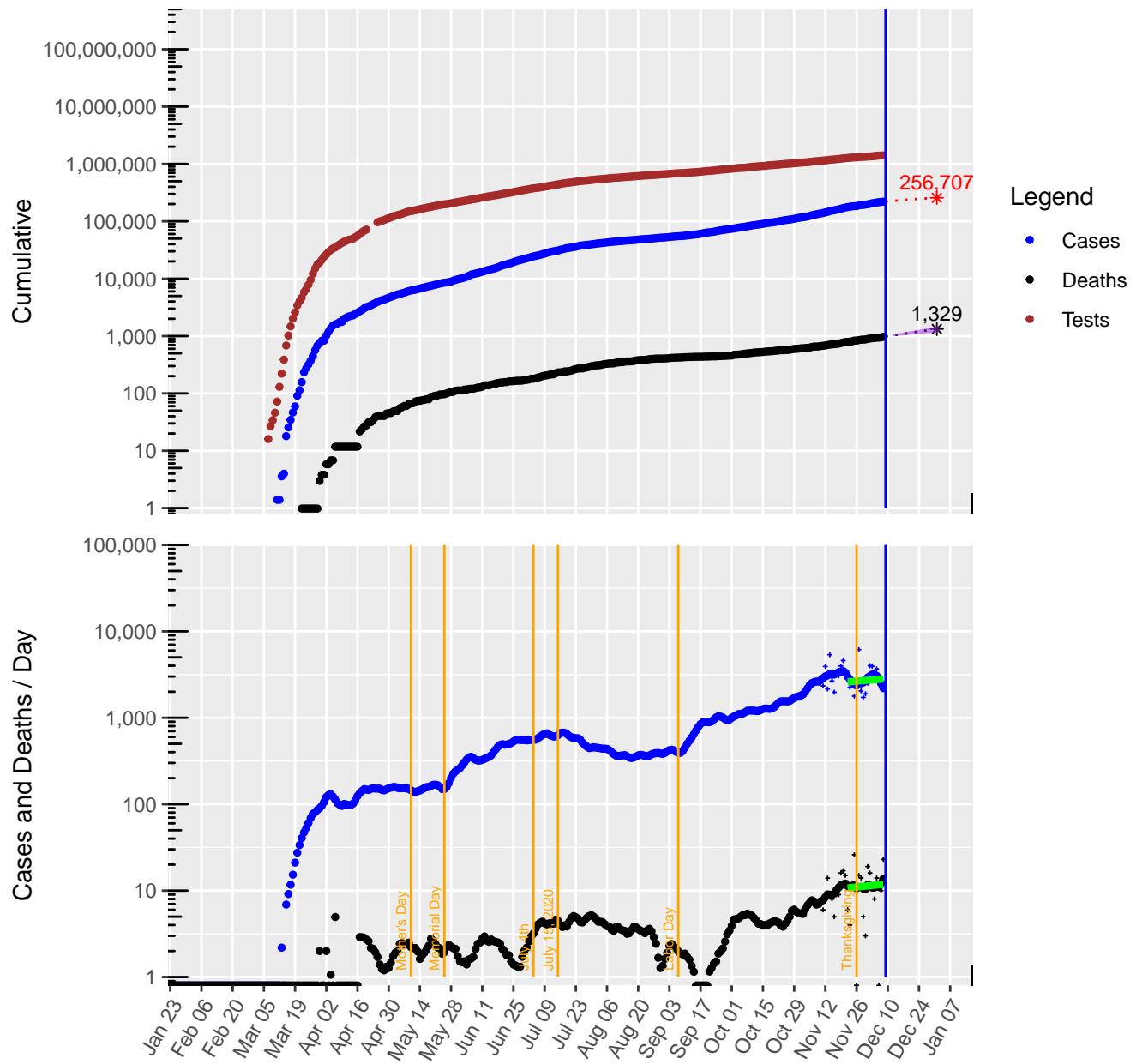
# Tennessee projection as of 2020-12-09



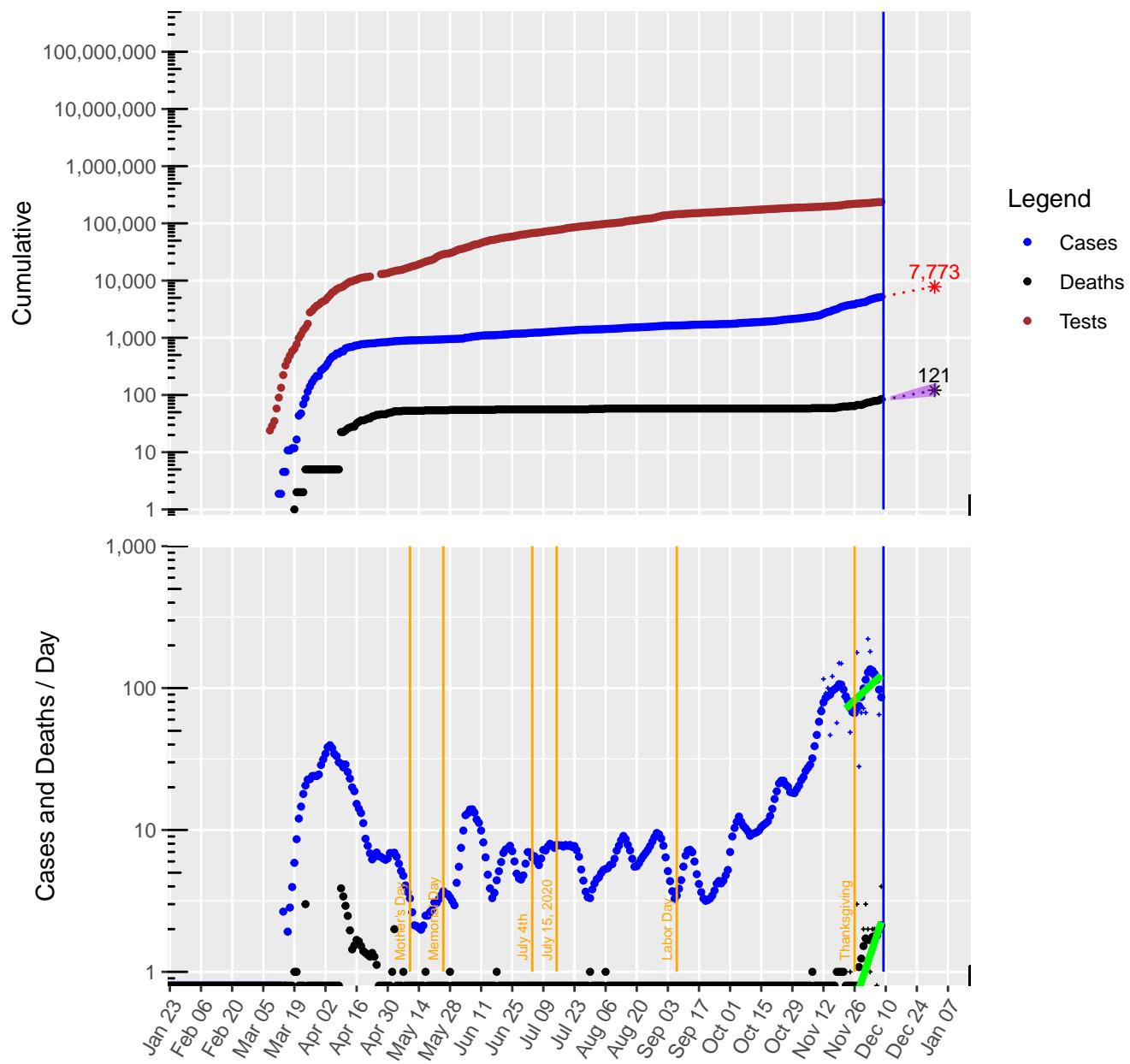
# Texas projection as of 2020-12-09



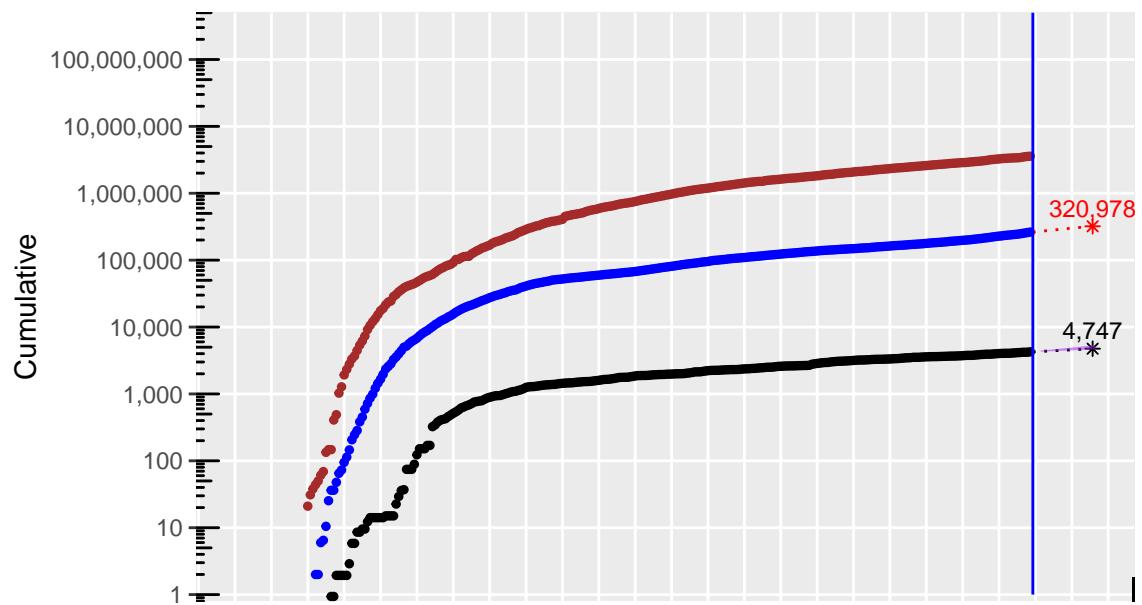
# Utah projection as of 2020-12-09



# Vermont projection as of 2020-12-09

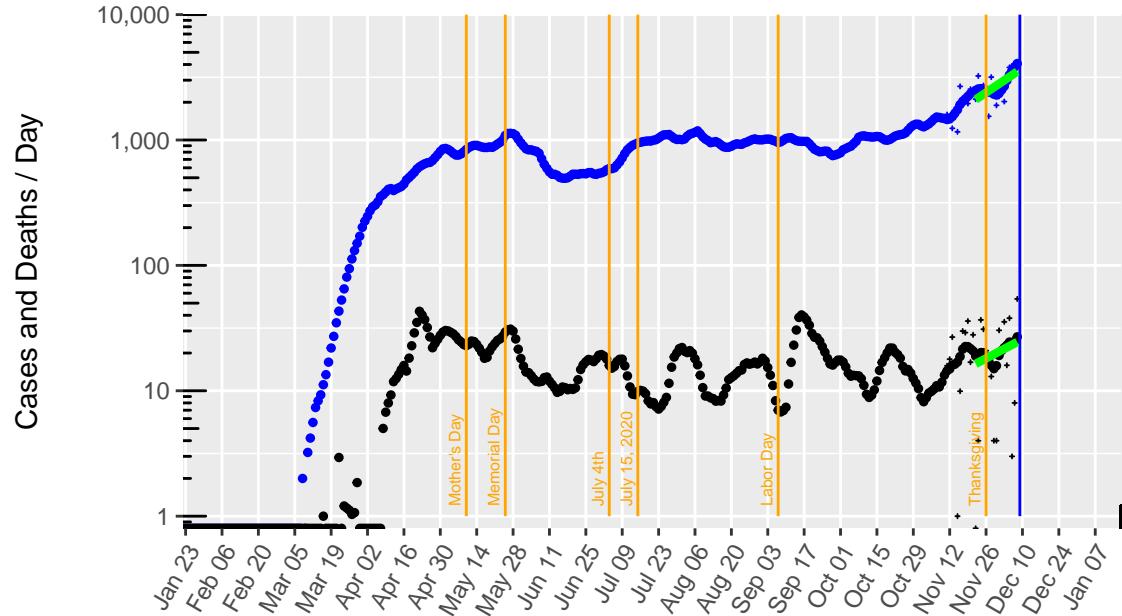


# Virginia projection as of 2020-12-09



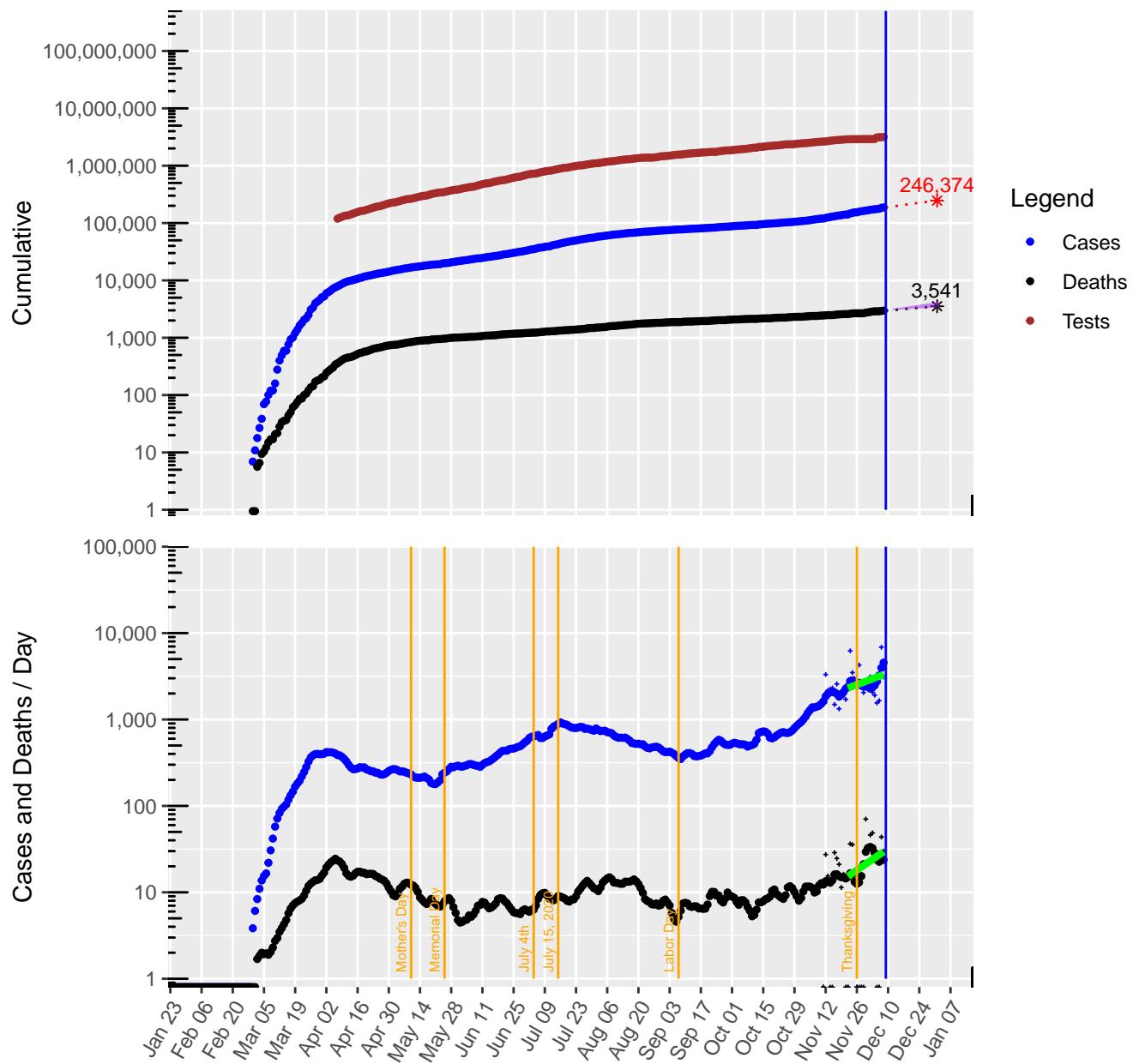
**Legend**

- Cases
- Deaths
- Tests

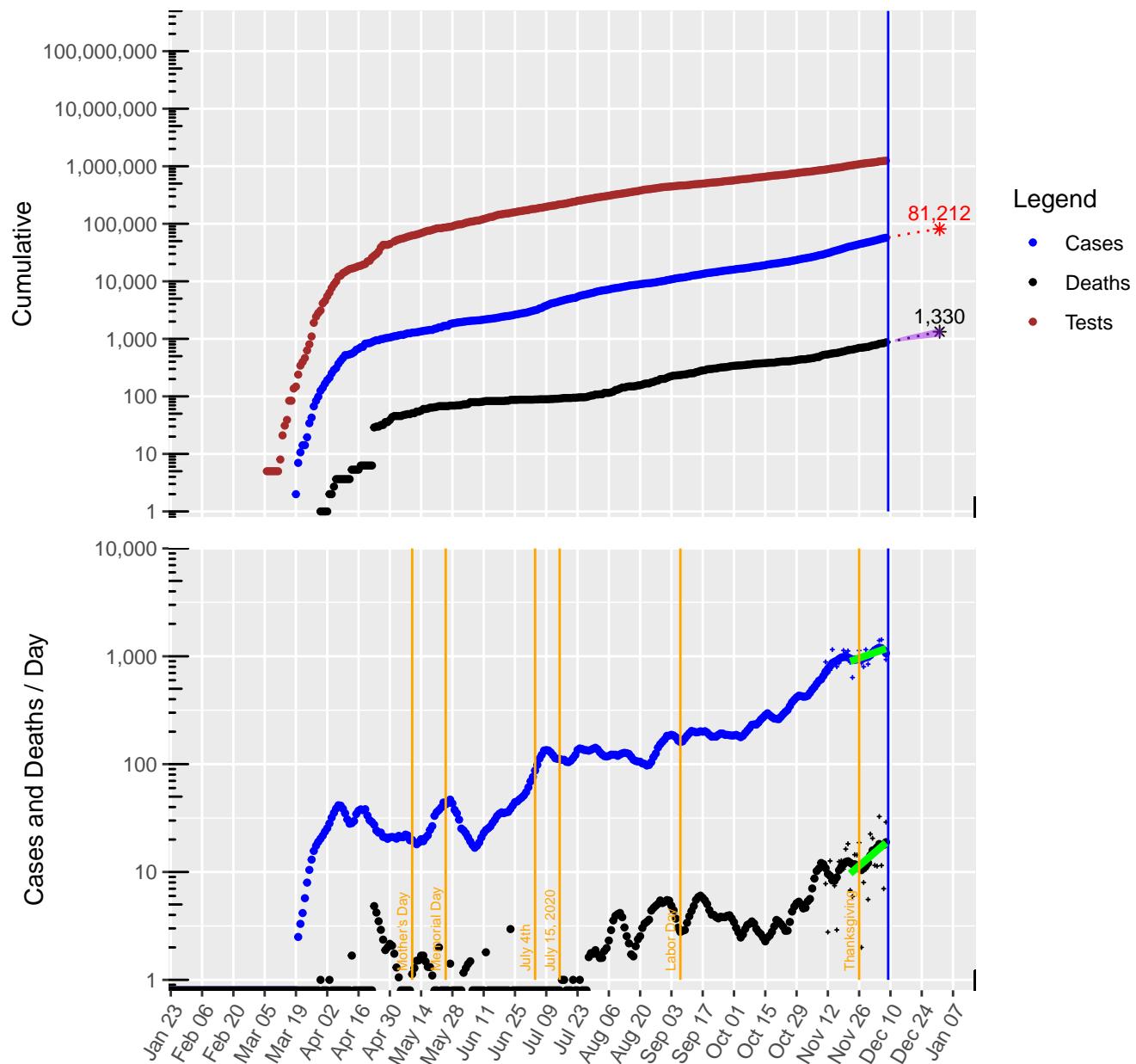


Deaths: 4,260 (54) — Case Mortality: 1.6% — Daily Change: +3.4% Cases, +2.6% Deaths (over 16 days)

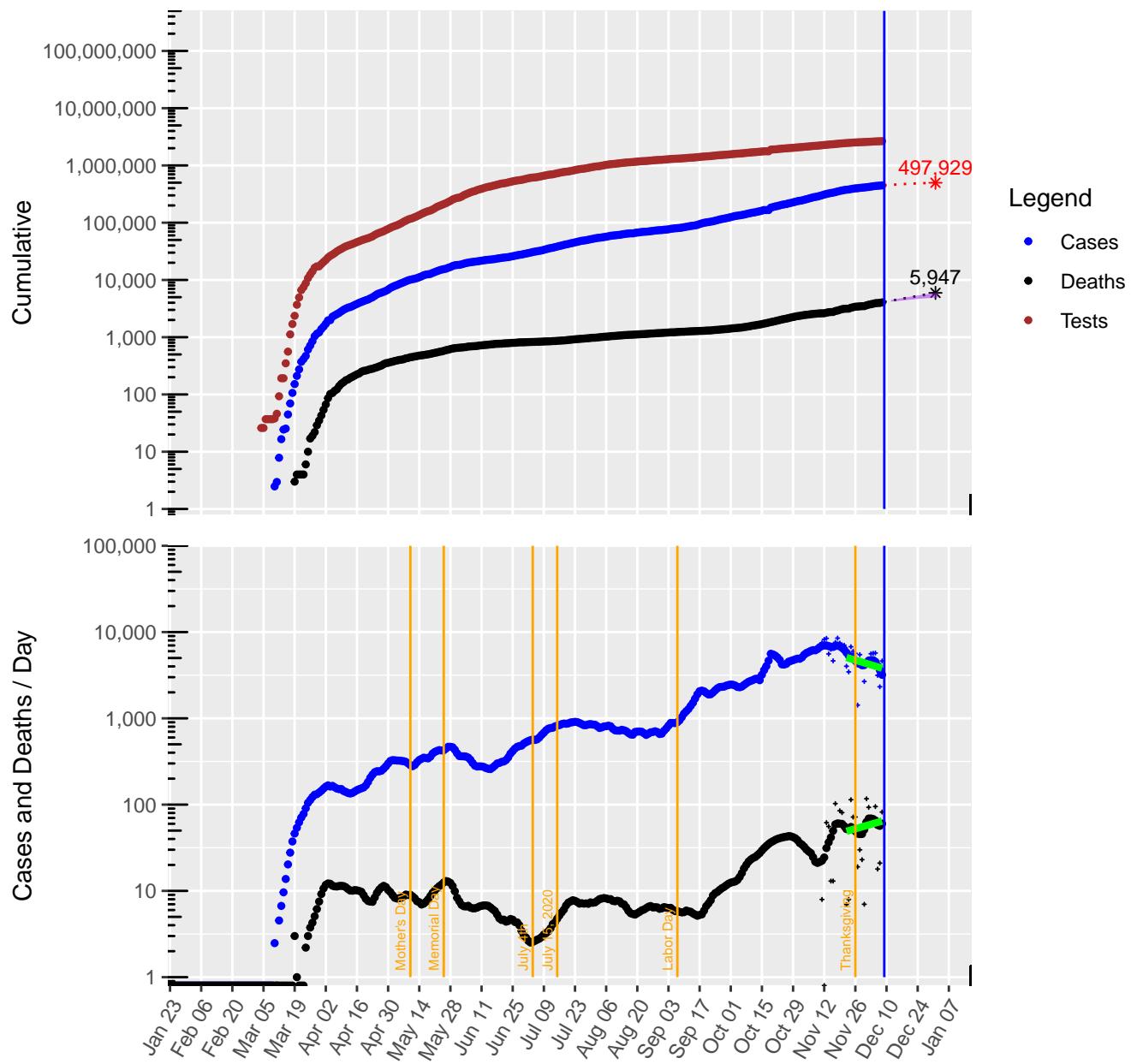
# Washington projection as of 2020-12-09



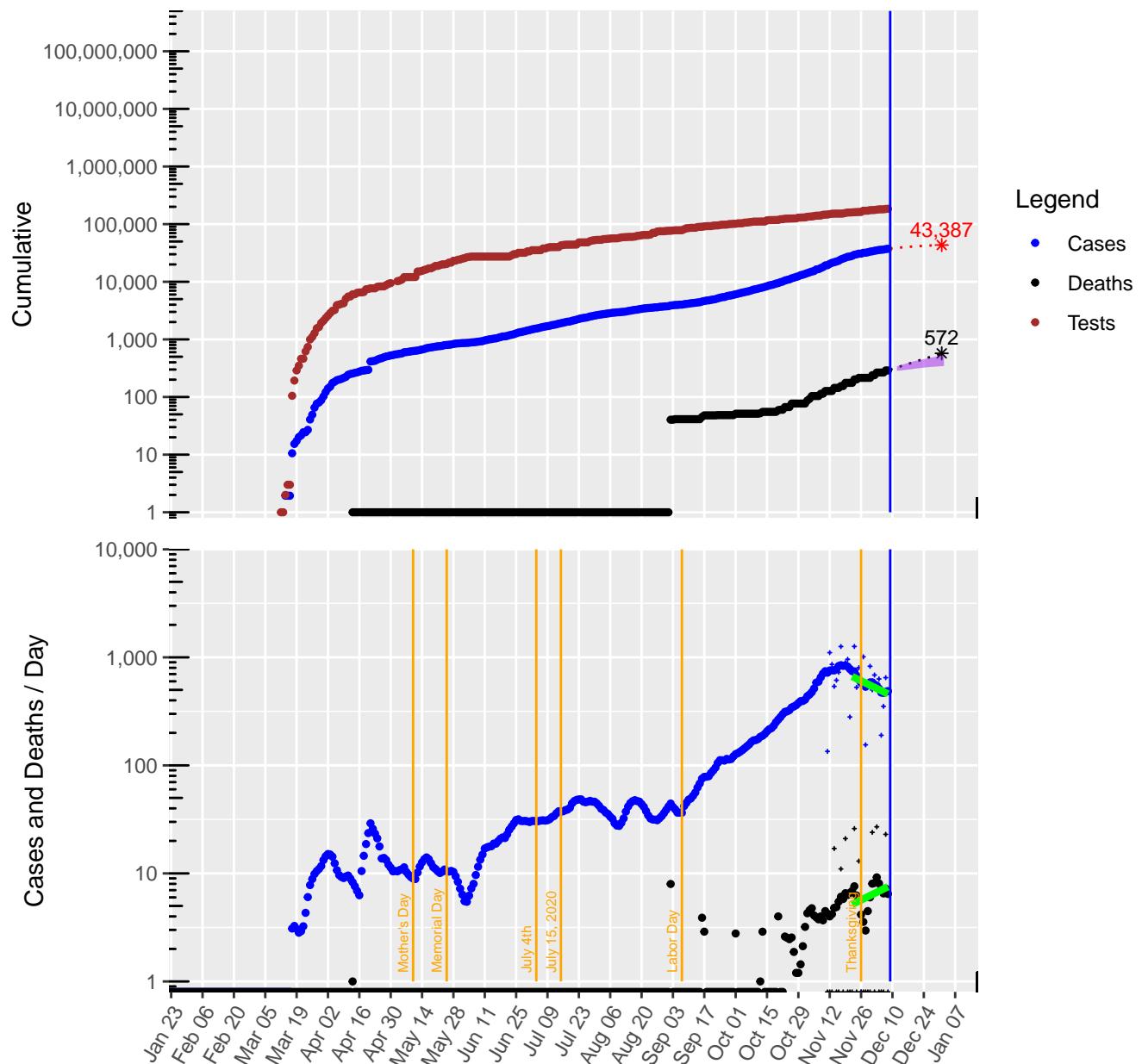
# West Virginia projection as of 2020-12-09



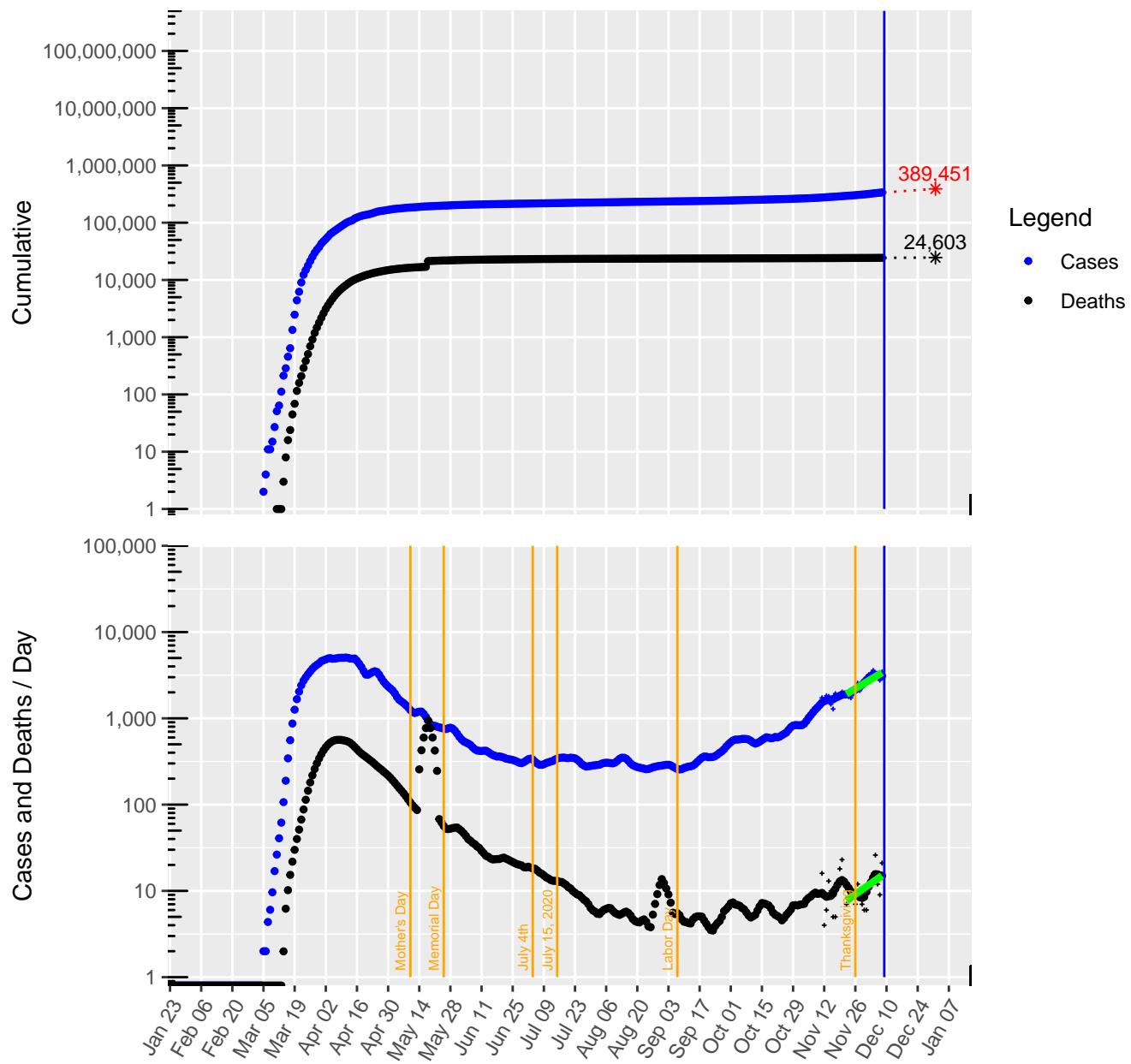
# Wisconsin projection as of 2020-12-09



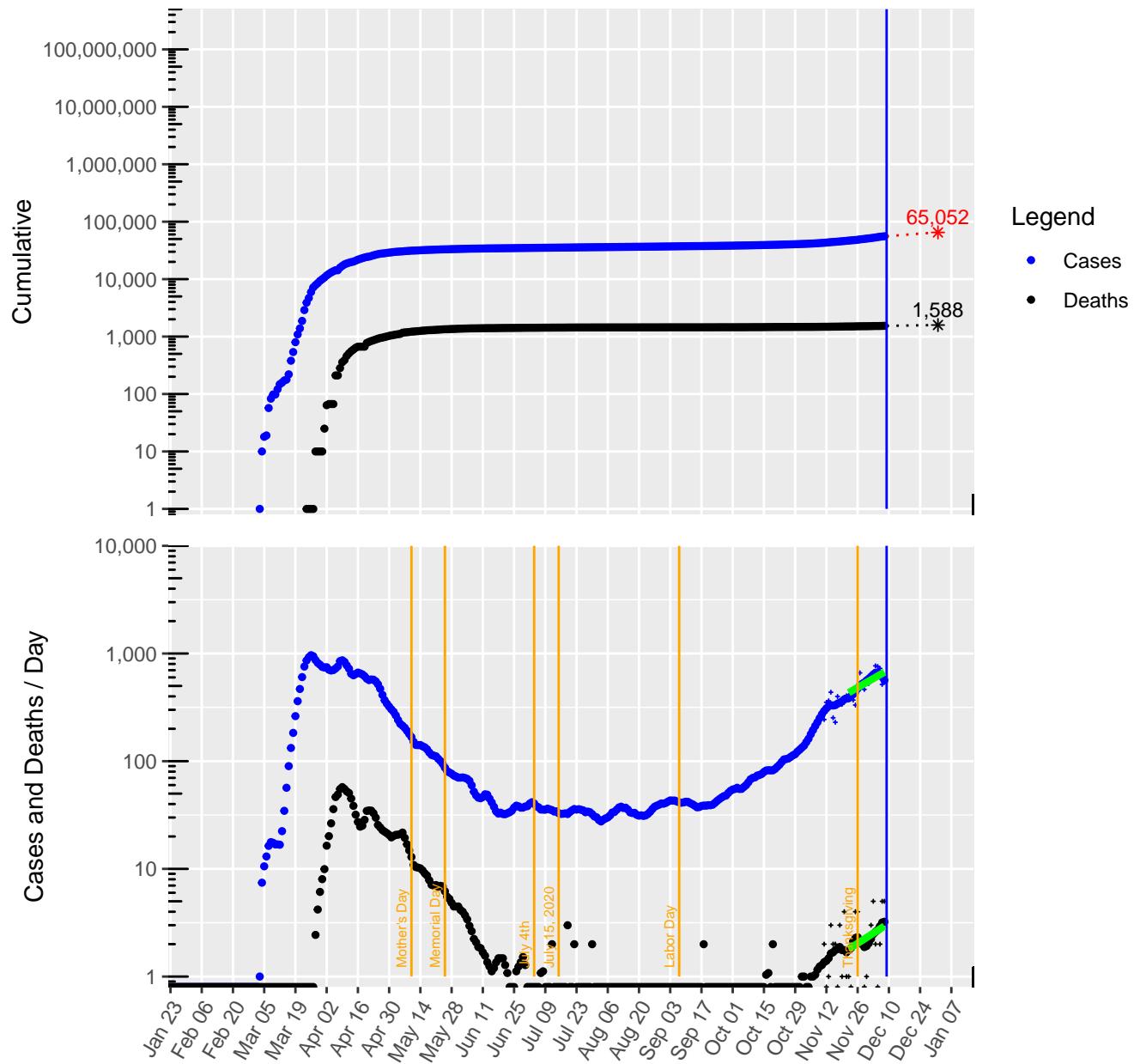
# Wyoming projection as of 2020-12-09



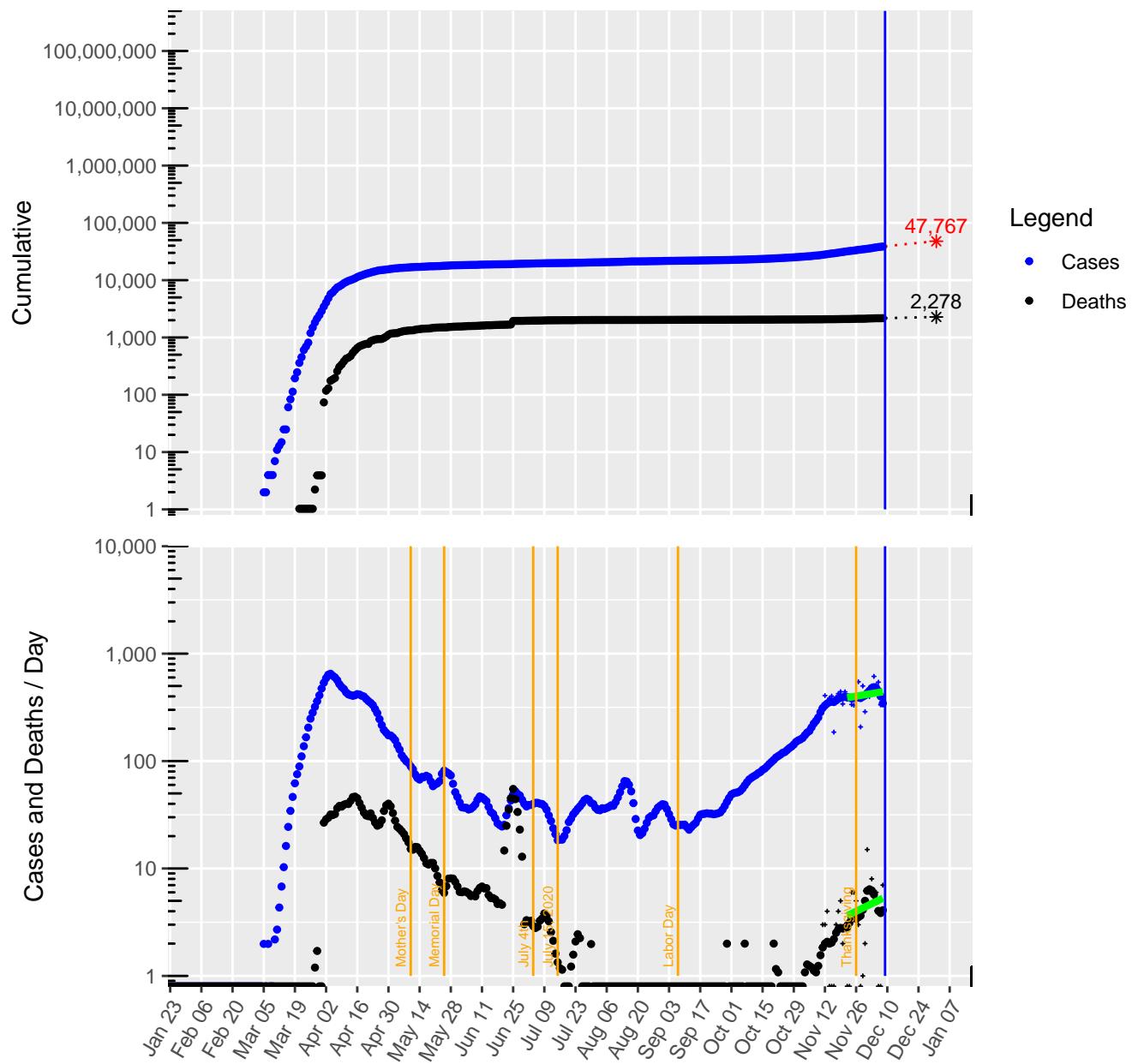
# New York City projection as of 2020-12-09



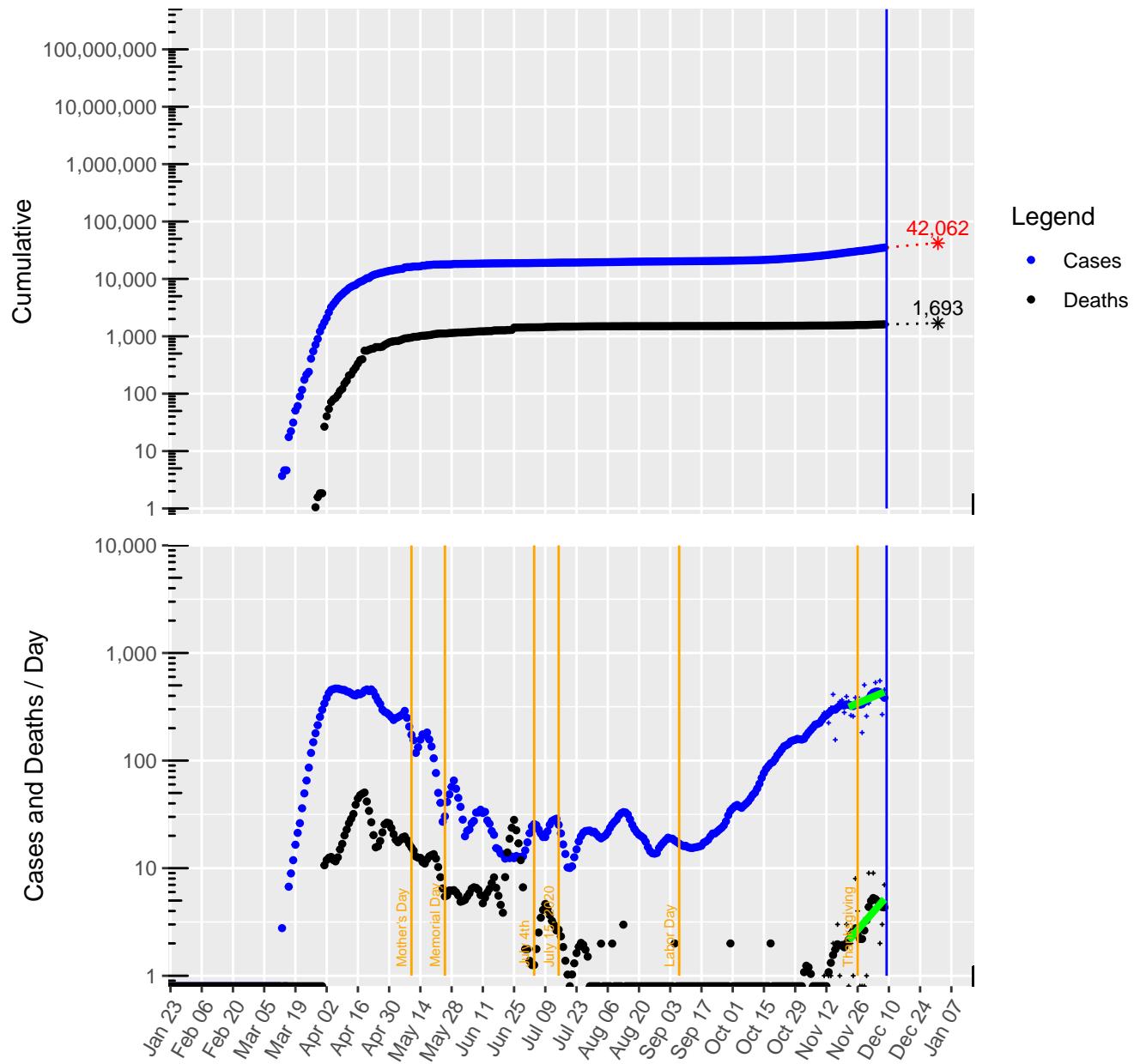
# Westchester County, NY projection as of 2020-12-09



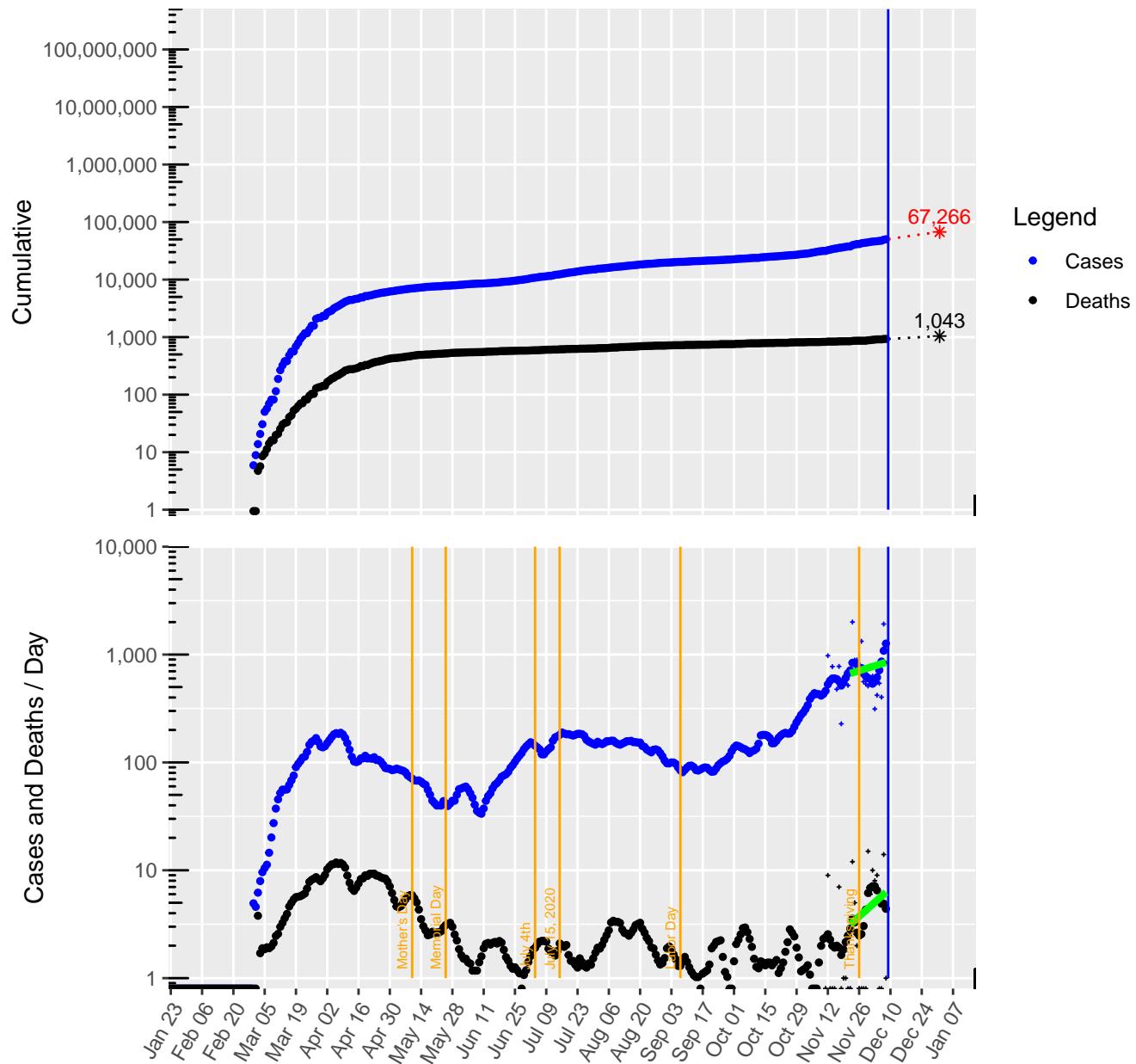
# Bergen County, NJ projection as of 2020-12-09



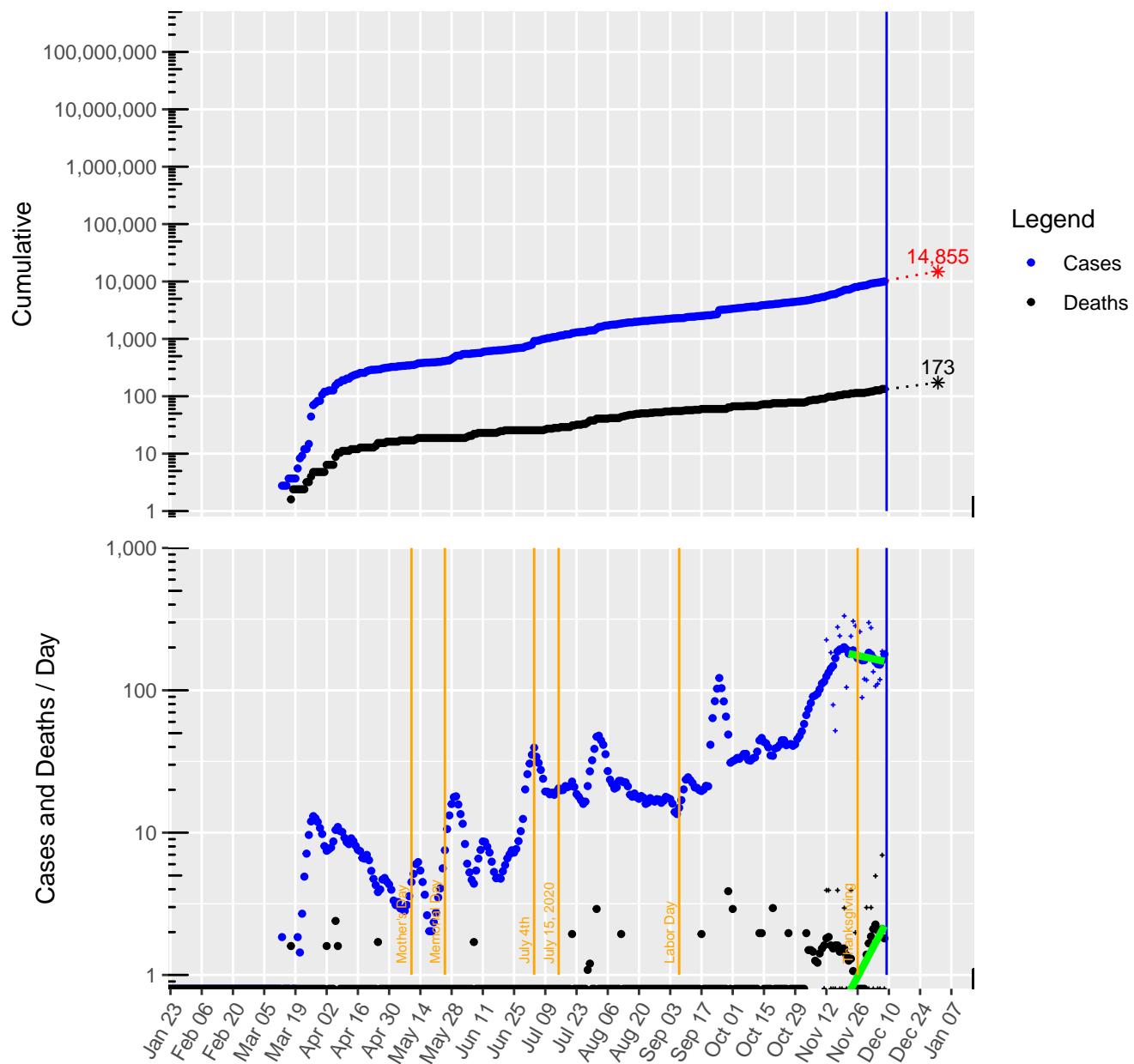
# Hudson County, NJ projection as of 2020-12-09



# King County (Seattle) projection as of 2020-12-09

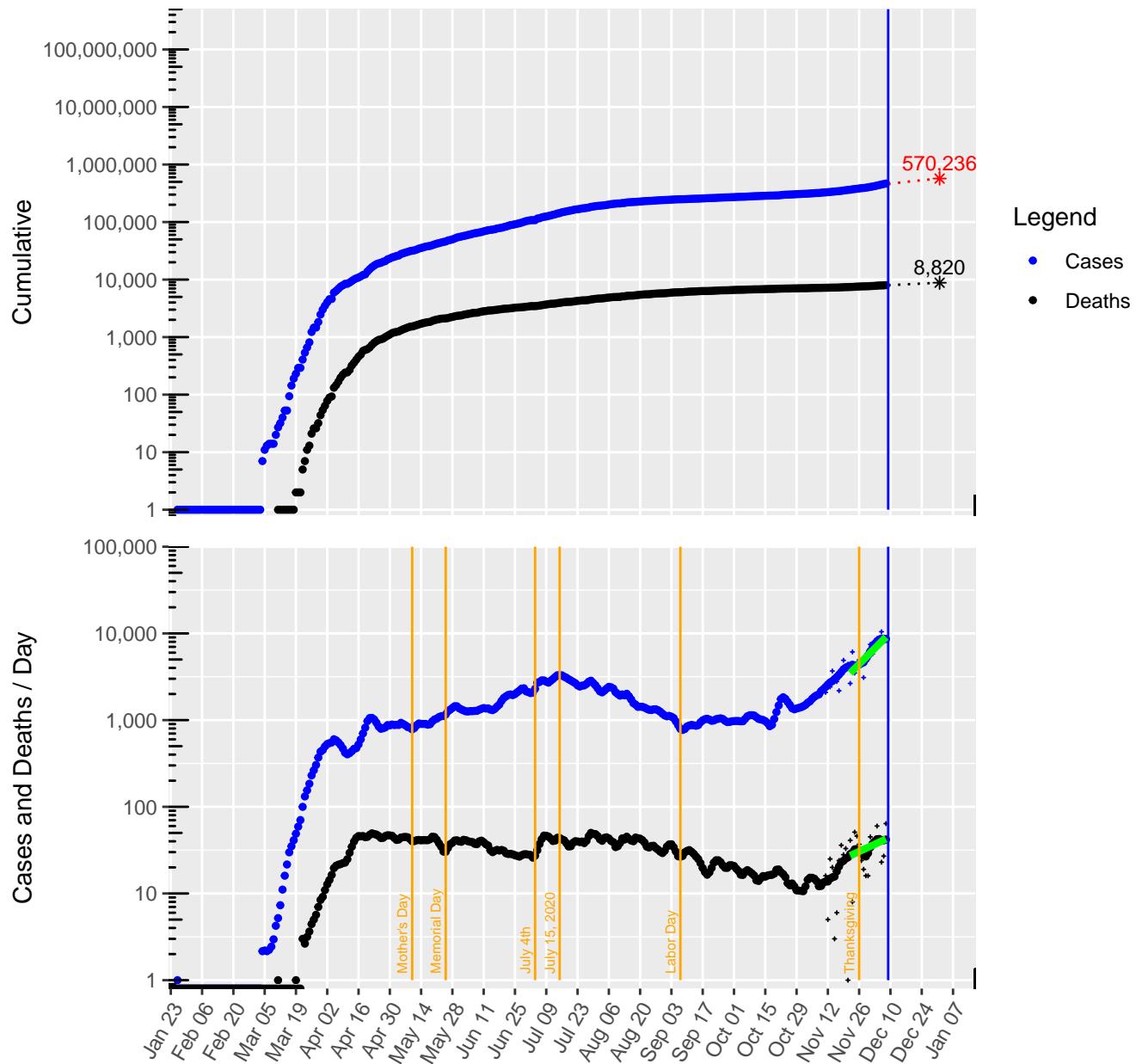


# Clark County, Washington projection as of 2020-12-09



Deaths: 134 (0) — Case Mortality: 1.3% — Daily Change: -0.8% Cases, +6.6% Deaths (over 16 days)

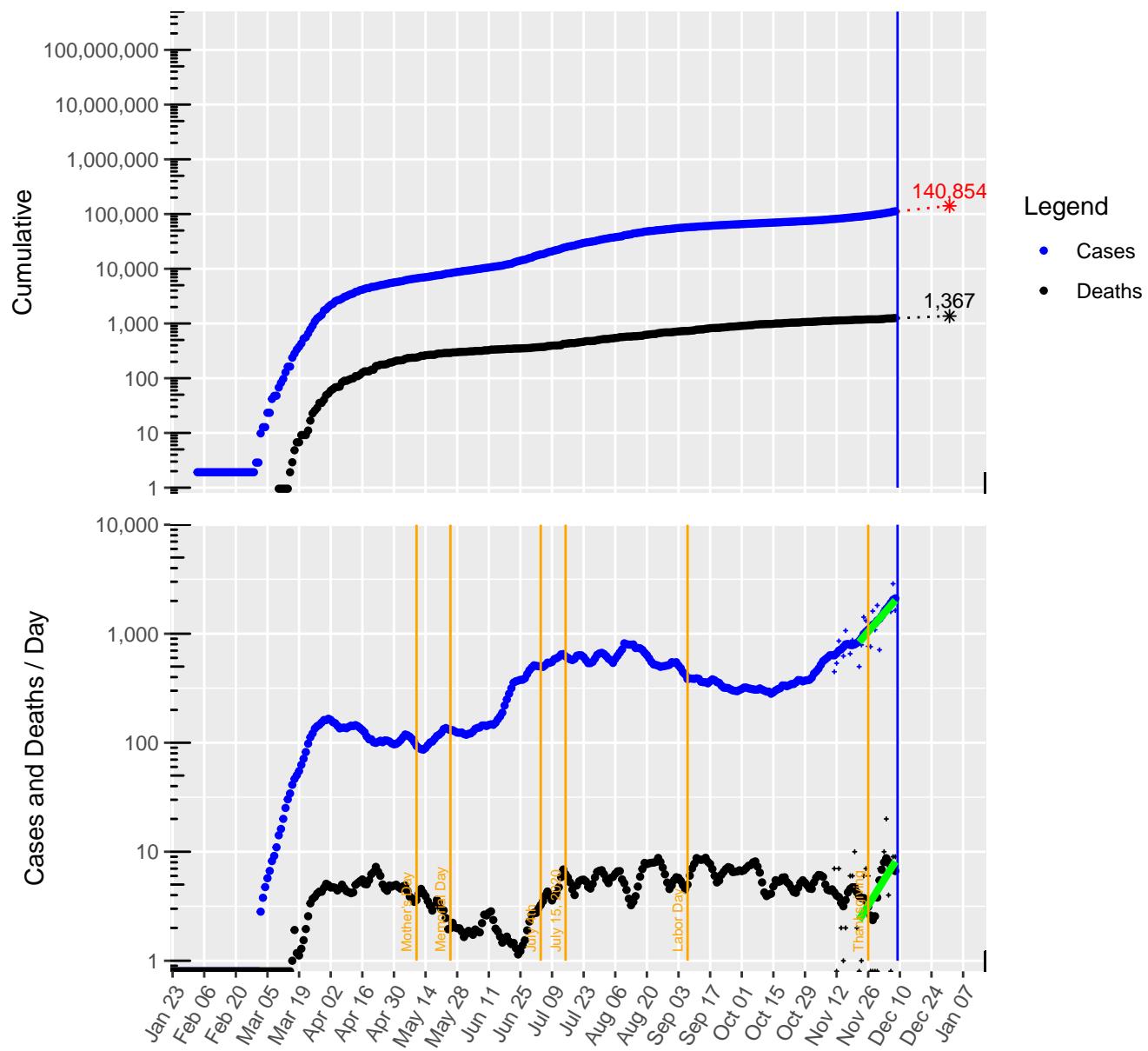
# Los Angeles projection as of 2020-12-09



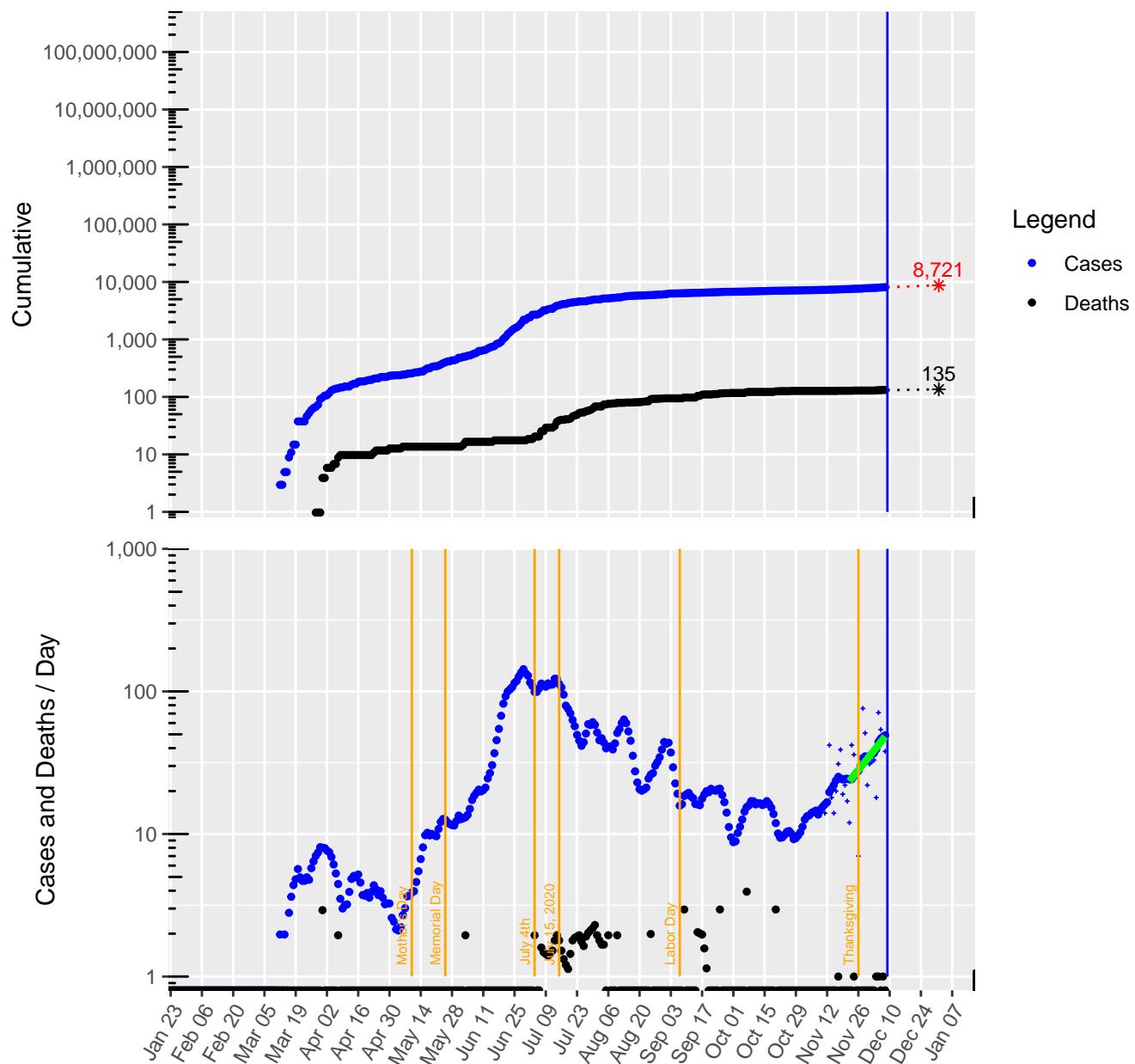
Deaths: 8,000 (64) --- Case Mortality: 1.7% --- Daily Change: +5.9% Cases, +2.9% Deaths (over 16 days)

# Bay Area projection as of 2020-12-09

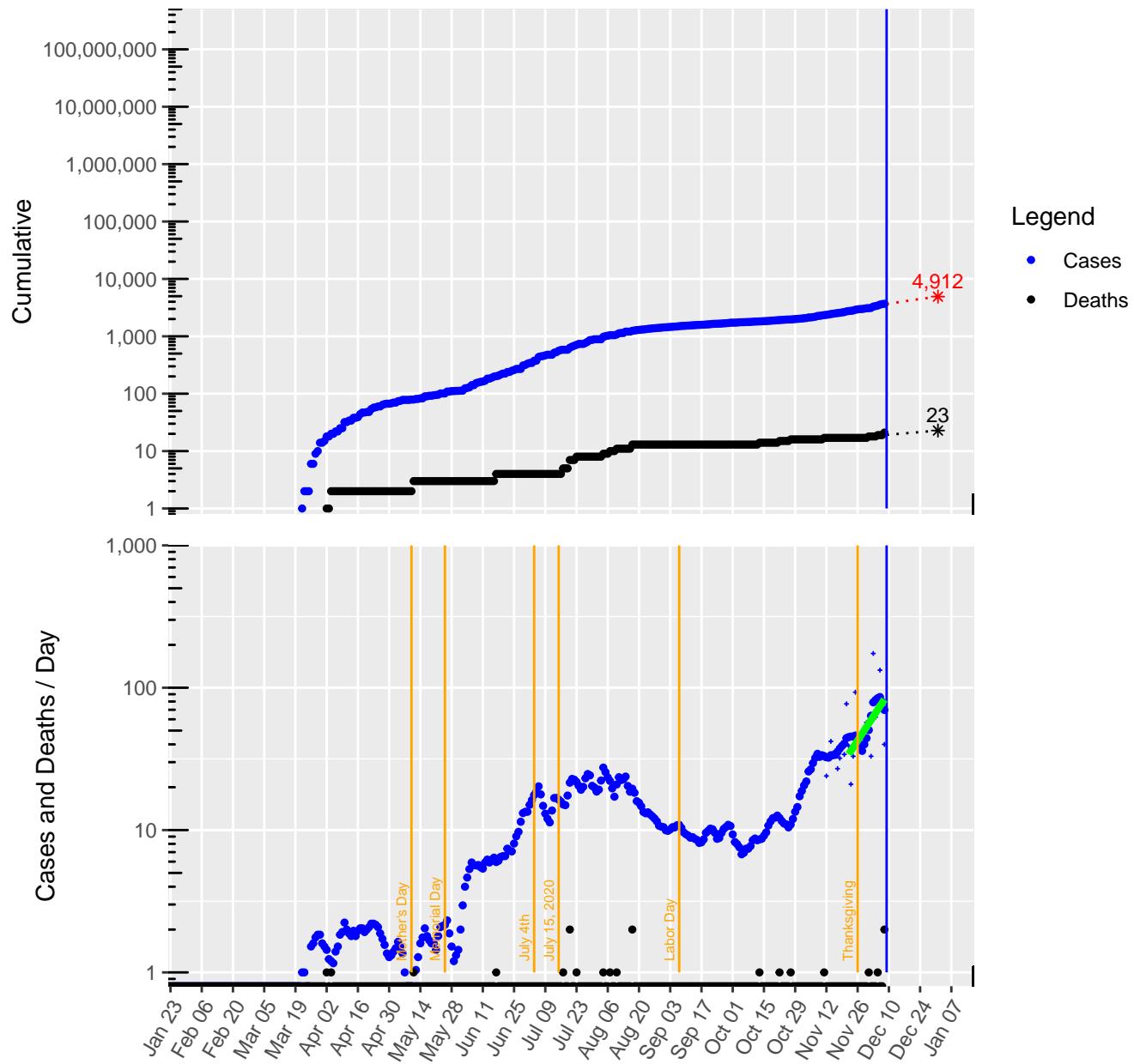
Marin, Napa, San Mateo, San Francisco, Santa Clara, Solano, and Sonoma Counties



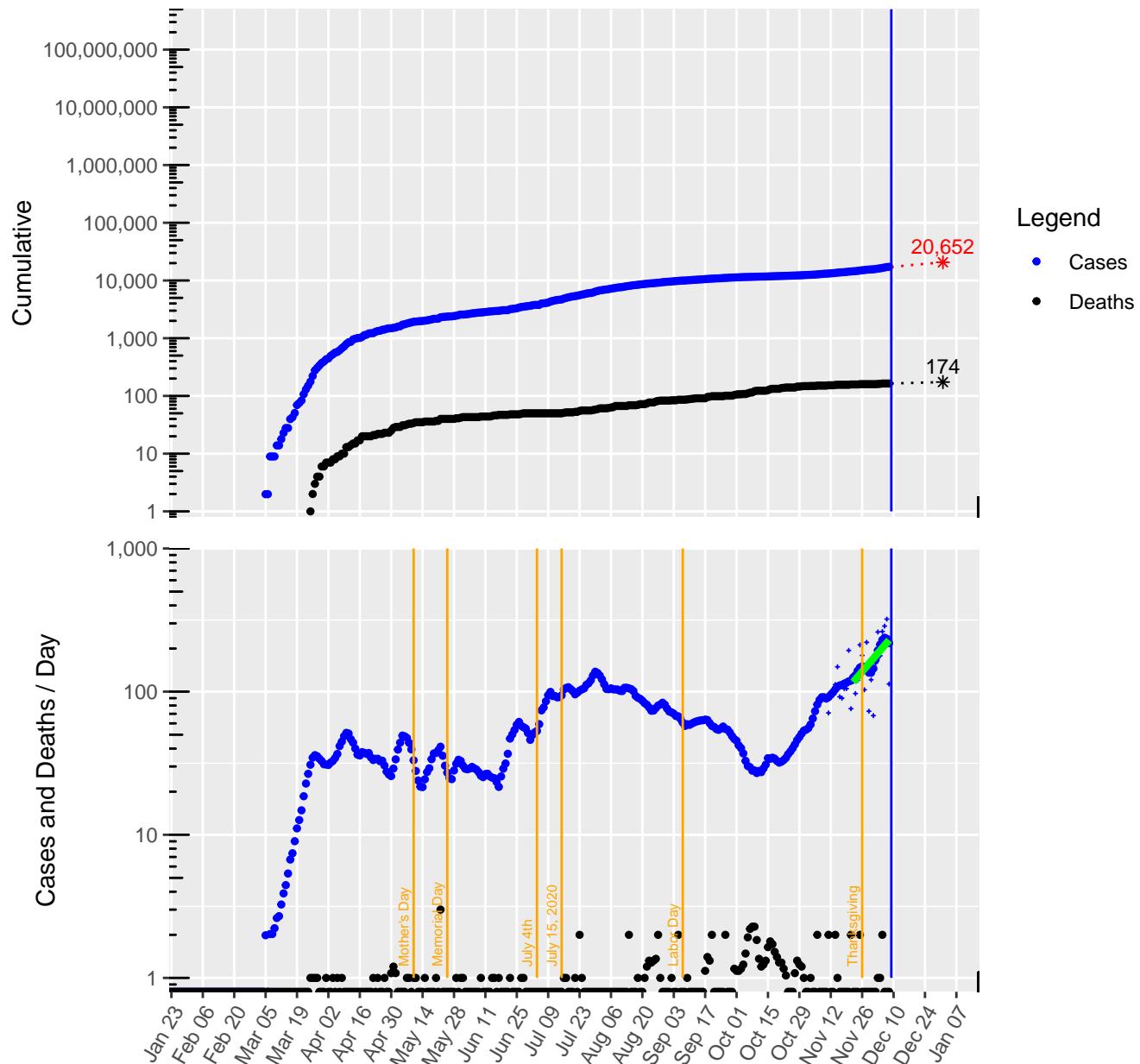
# Marin County, California projection as of 2020-12-09



# Napa County, California projection as of 2020-12-09

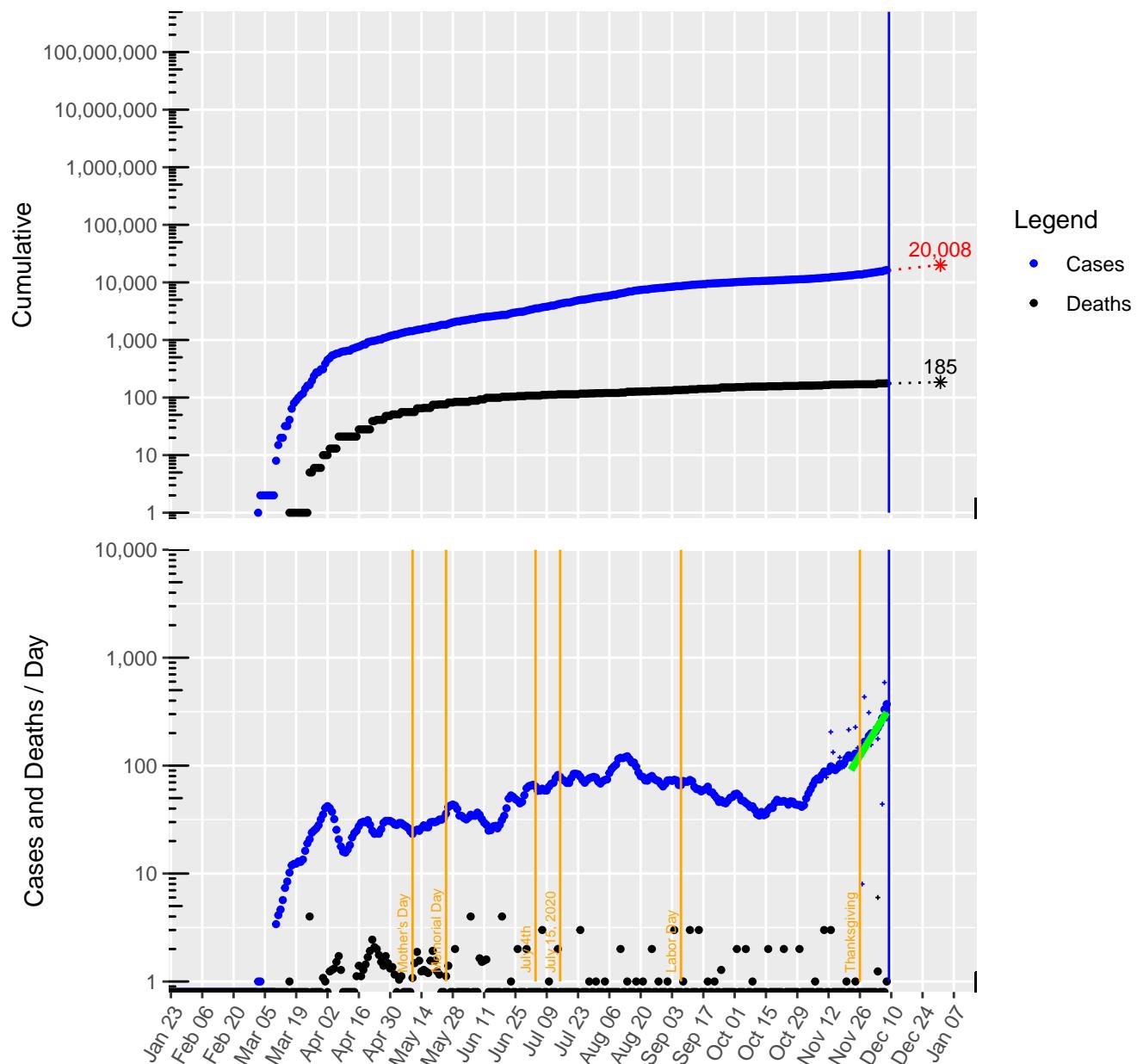


# San Francisco projection as of 2020-12-09



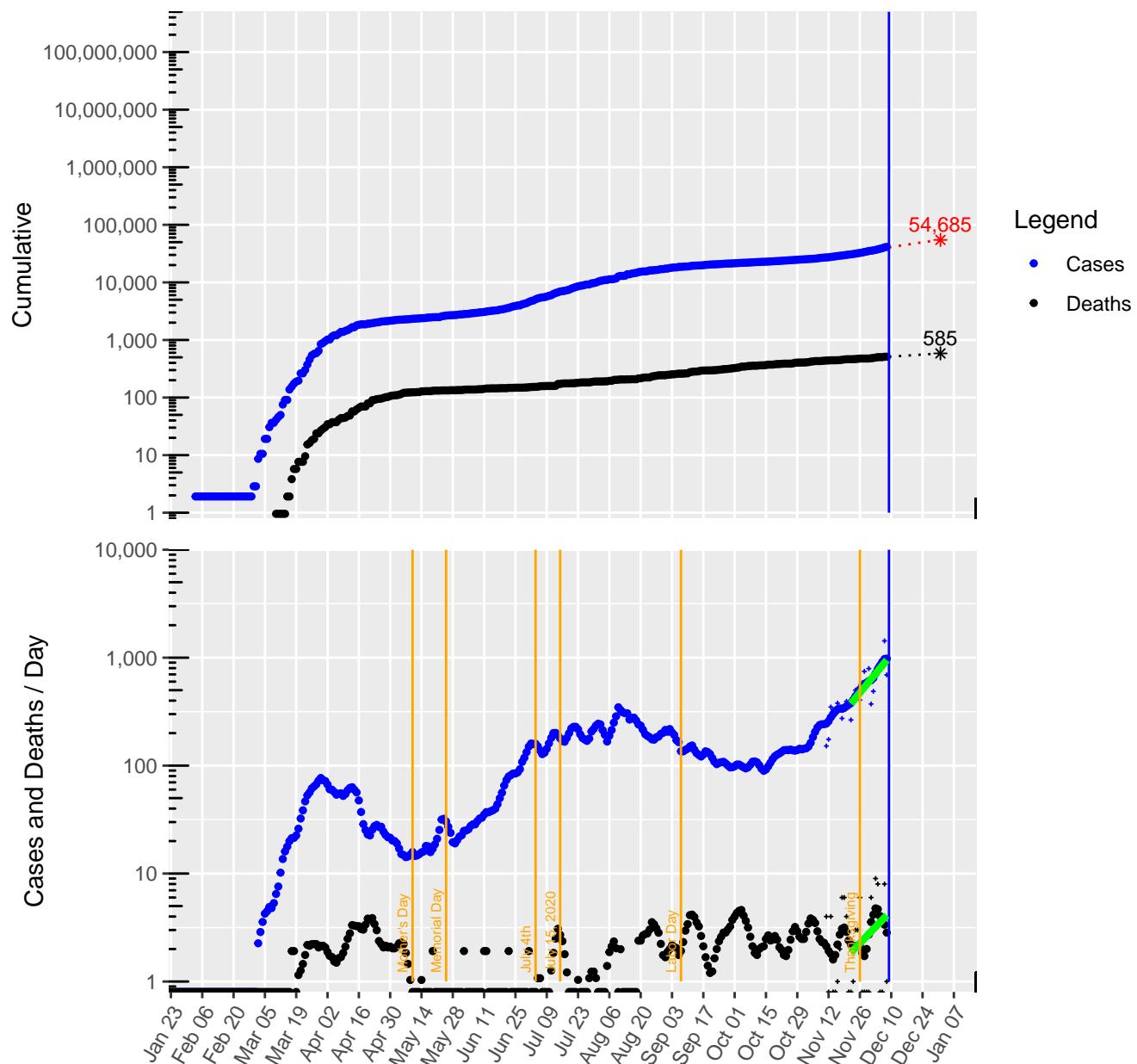
Deaths: 164 (0) --- Case Mortality: 1.0% --- Daily Change: +4.3% Cases, +3.1% Deaths (over 16 days)

# San Mateo County, California projection as of 2020-12-09

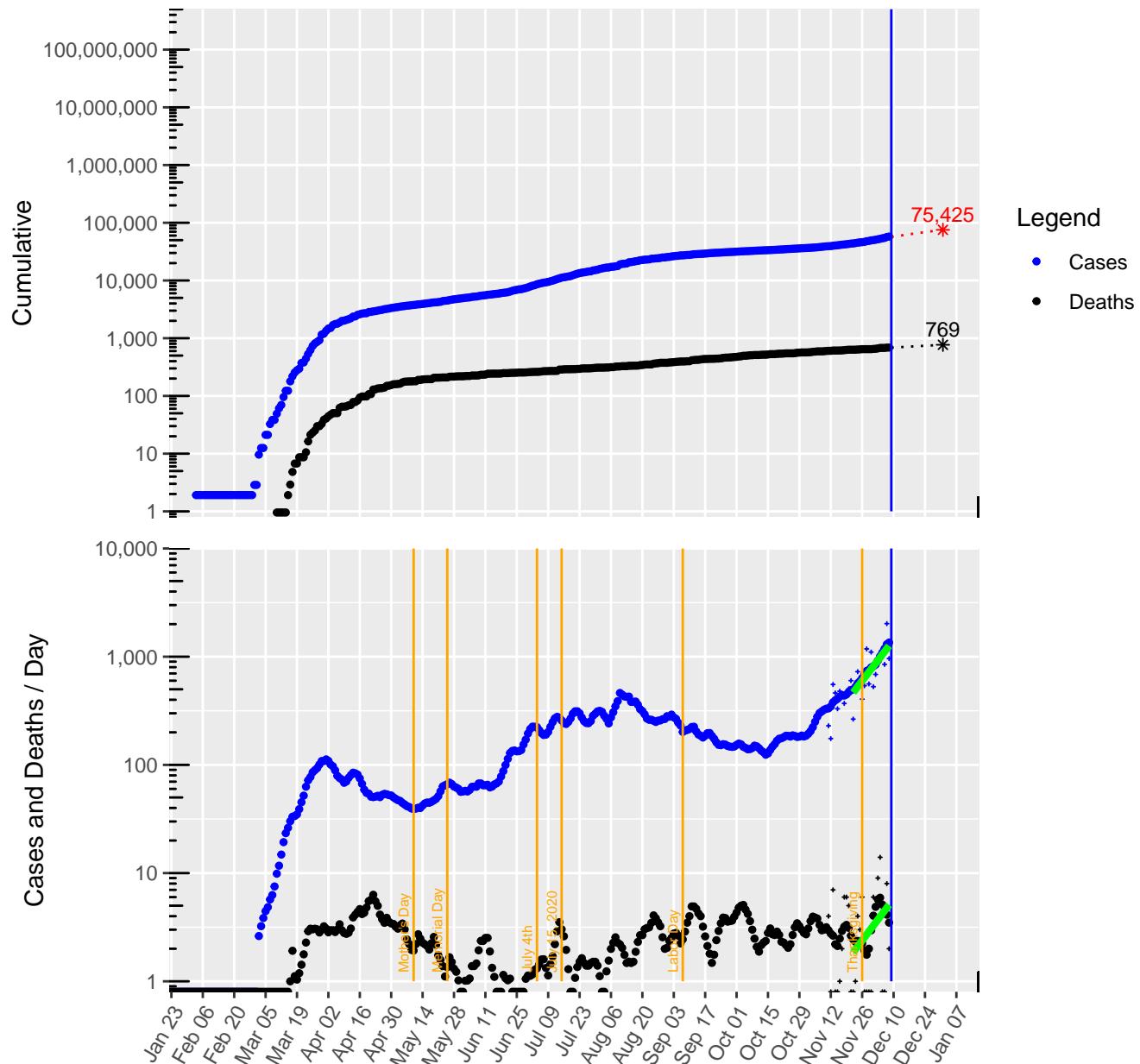


Deaths: 177 (1) — Case Mortality: 1.1% — Daily Change: +7.3% Cases, +7.8% Deaths (over 16 days)

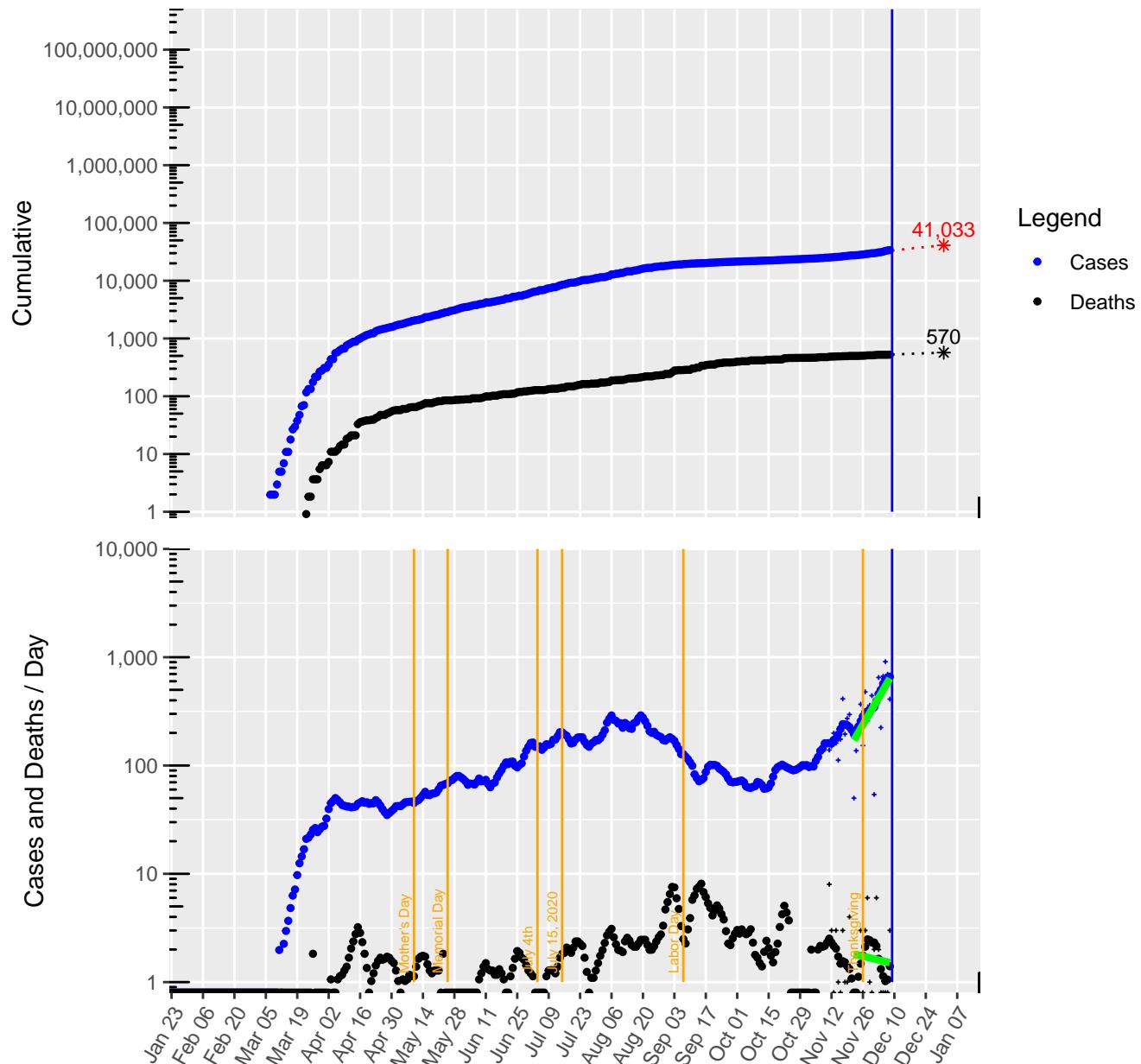
# Santa Clara County, California projection as of 2020-12-09



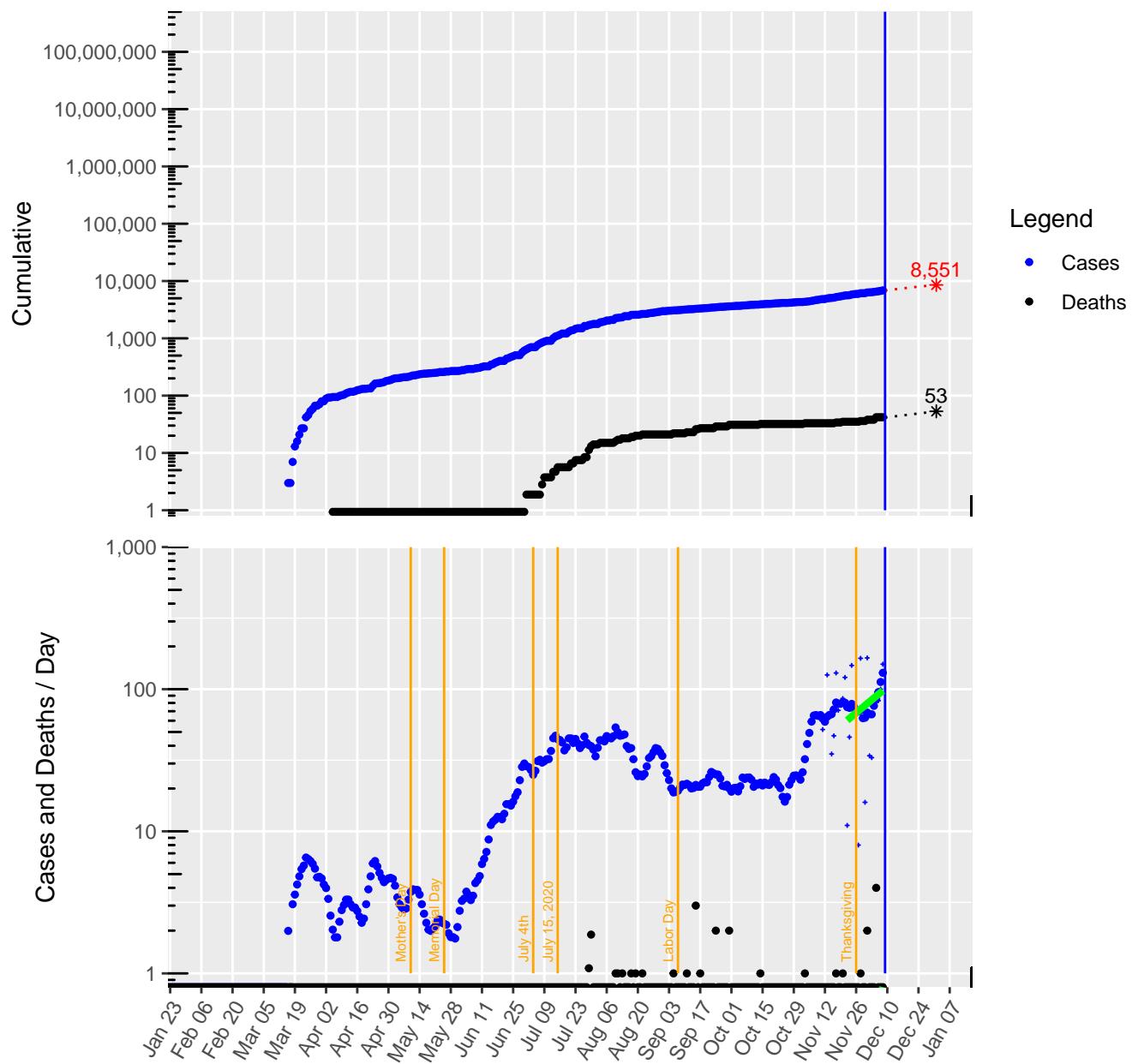
# Santa Clara and San Mateo Counties projection as of 2020-12-09



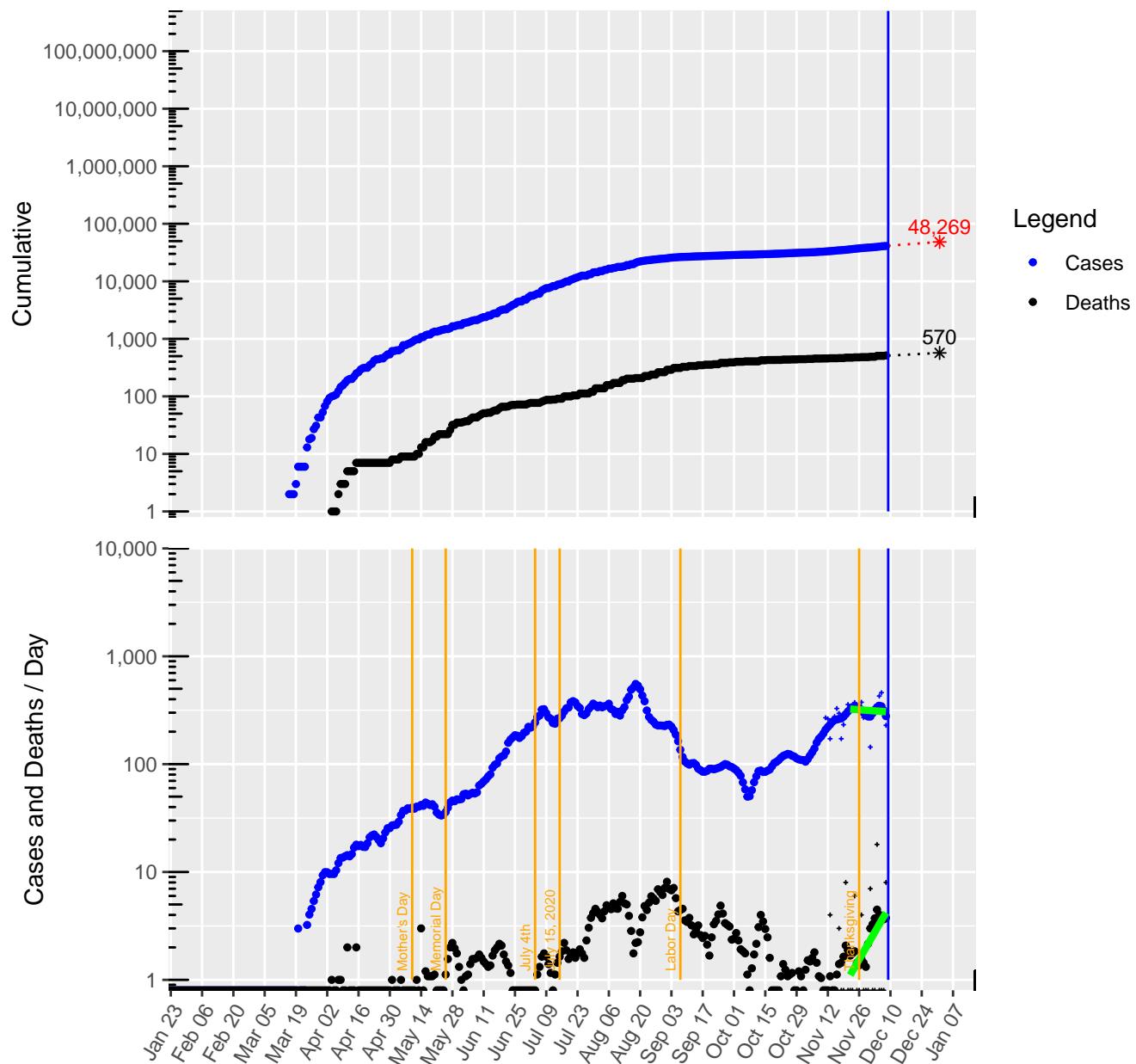
# Alameda County, California projection as of 2020-12-09



# San Luis Obispo, California projection as of 2020-12-09

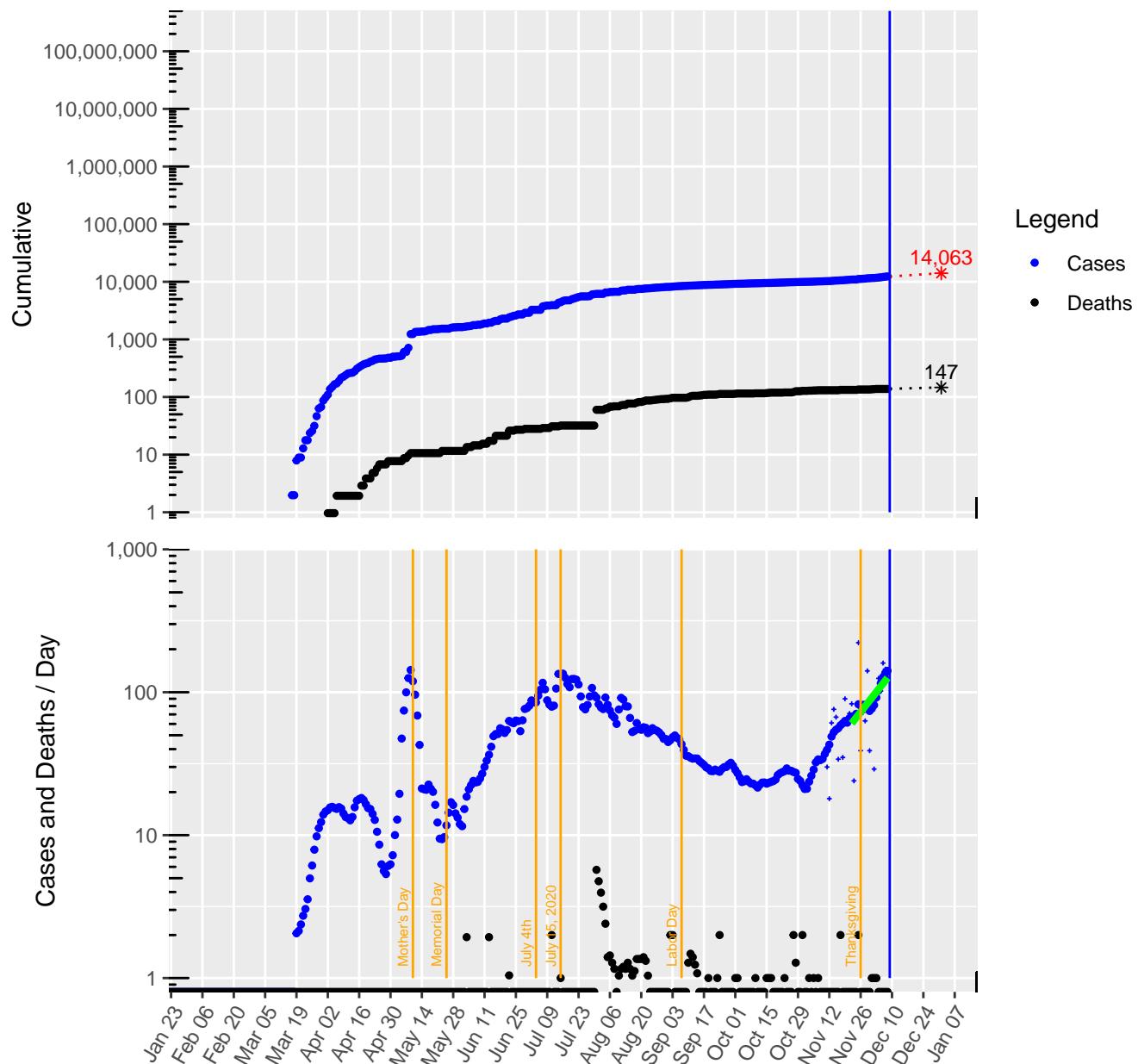


# Fresno, California projection as of 2020-12-09

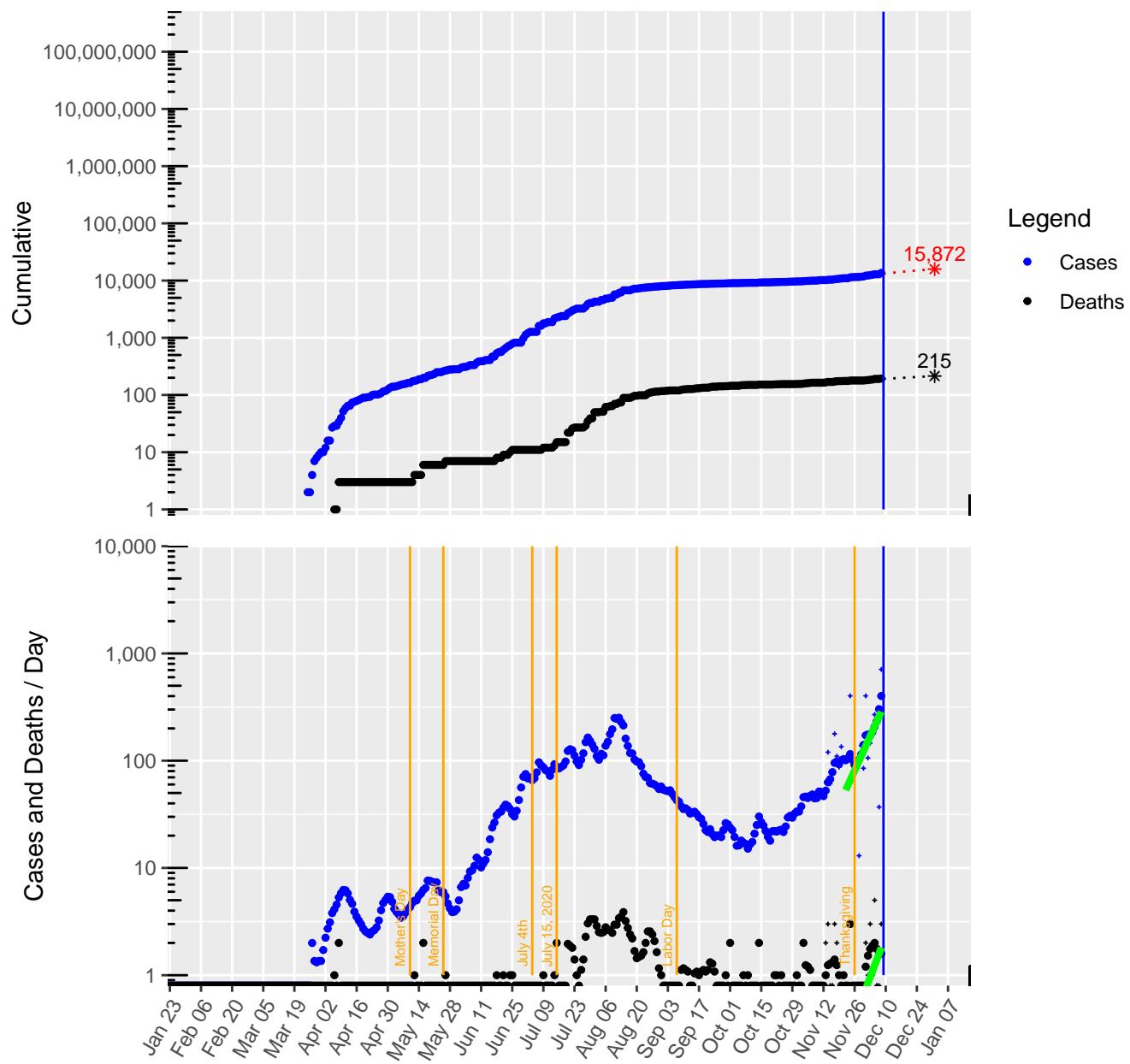


Deaths: 514 (8) --- Case Mortality: 1.3% --- Daily Change: -0.4% Cases, +7.8% Deaths (over 16 days)

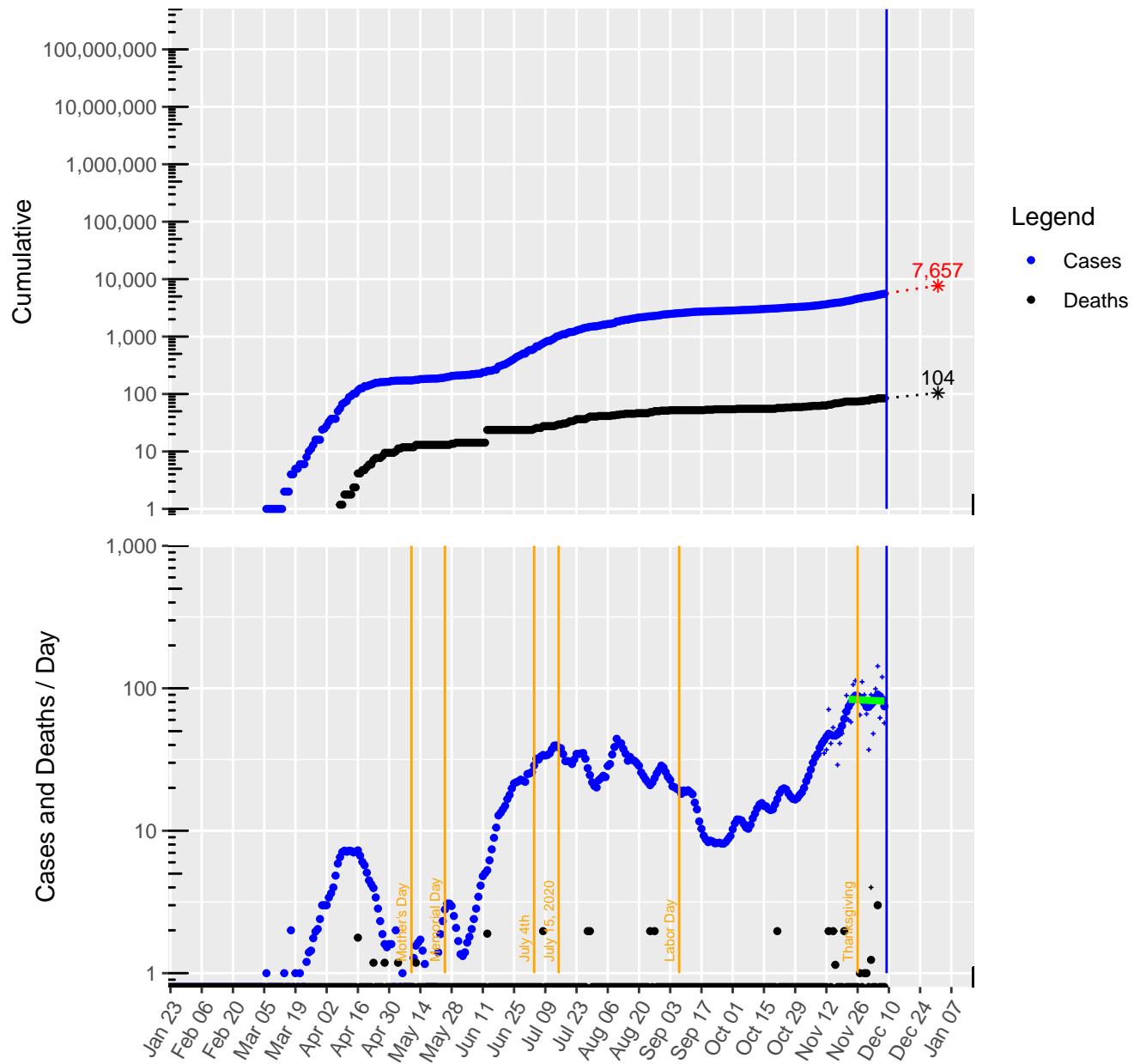
# Santa Barbara County, California projection as of 2020-12-09



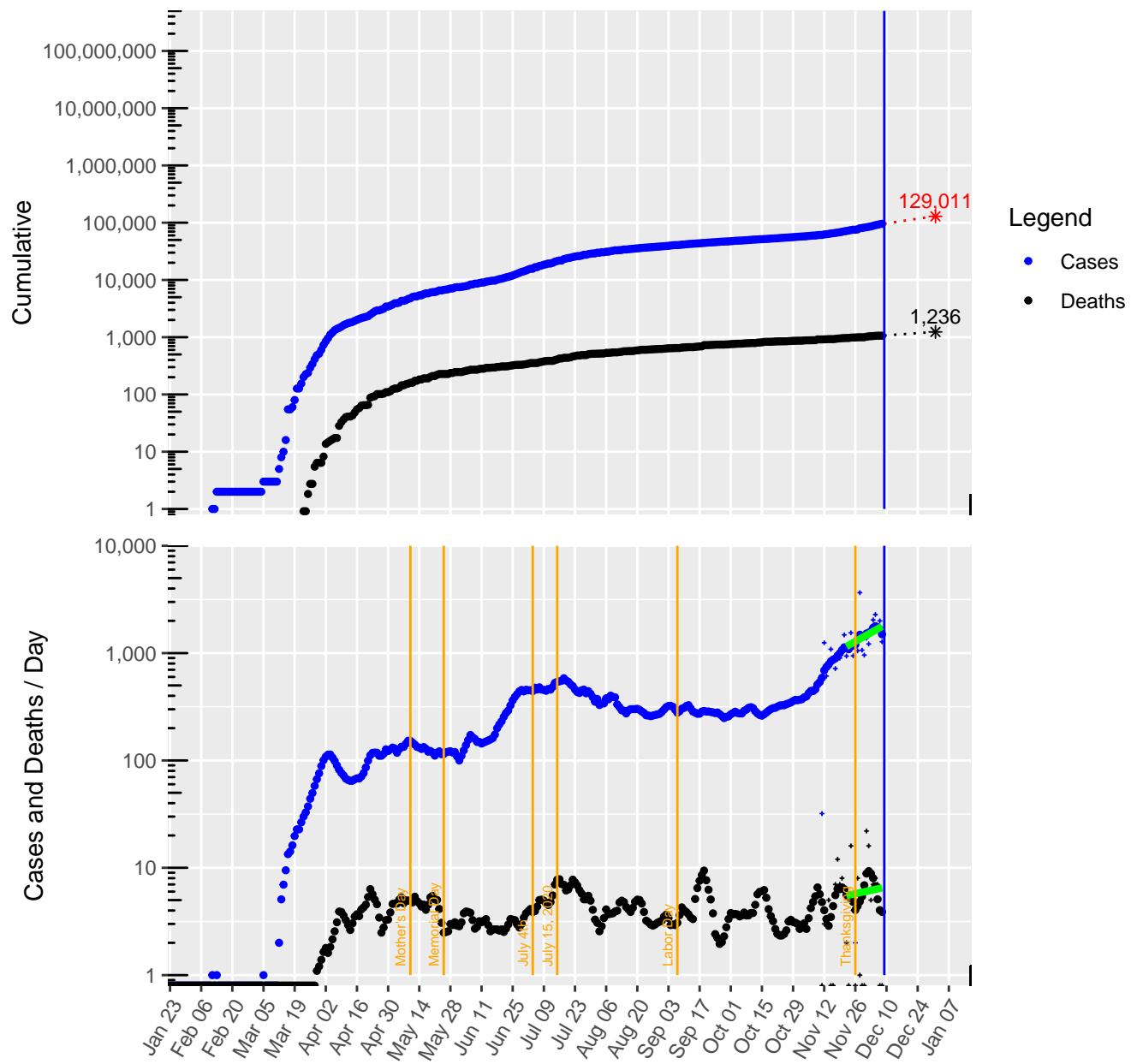
# Merced County, California projection as of 2020-12-09



# Yolo County, California projection as of 2020-12-09

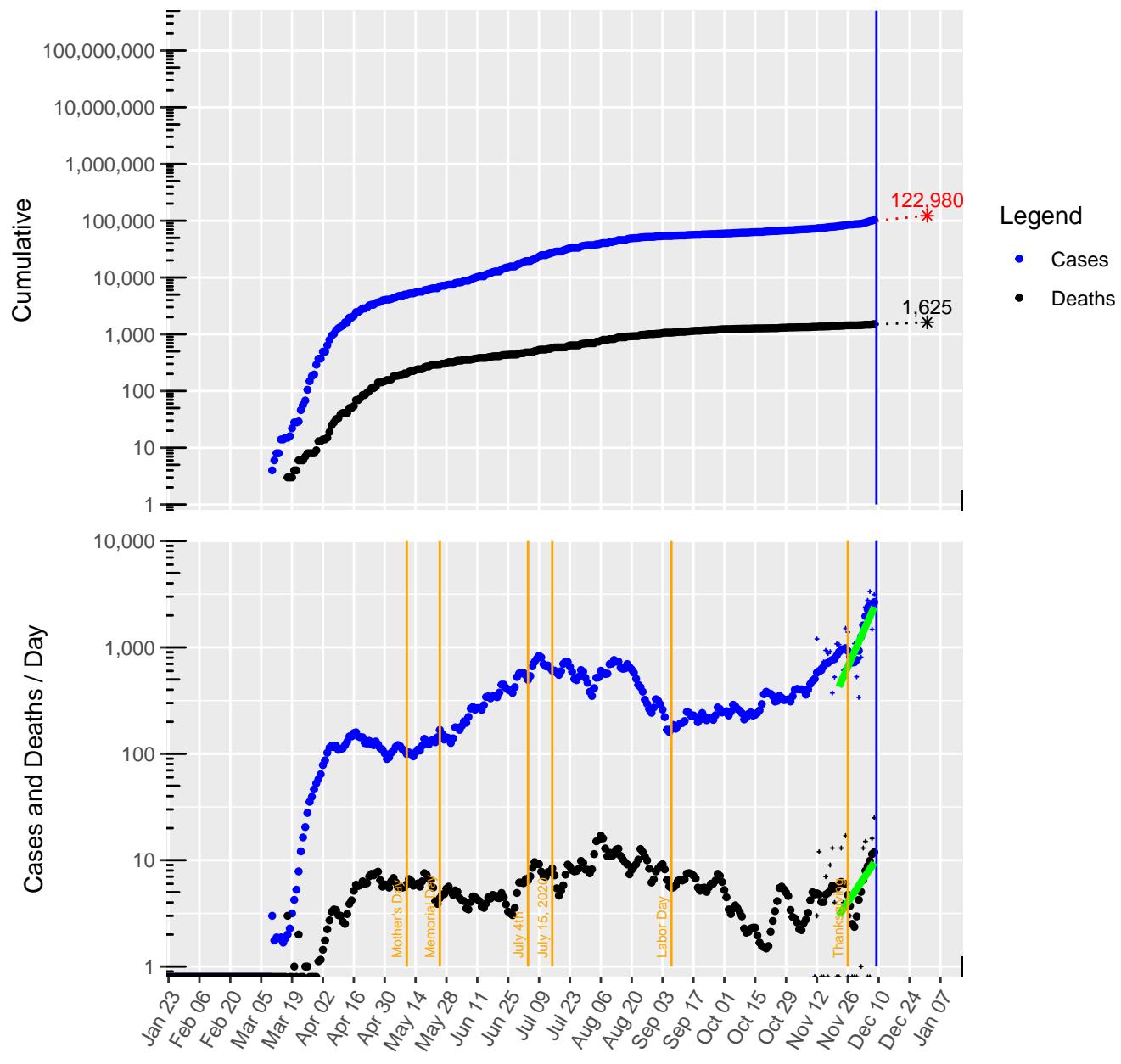


# San Diego County projection as of 2020-12-09

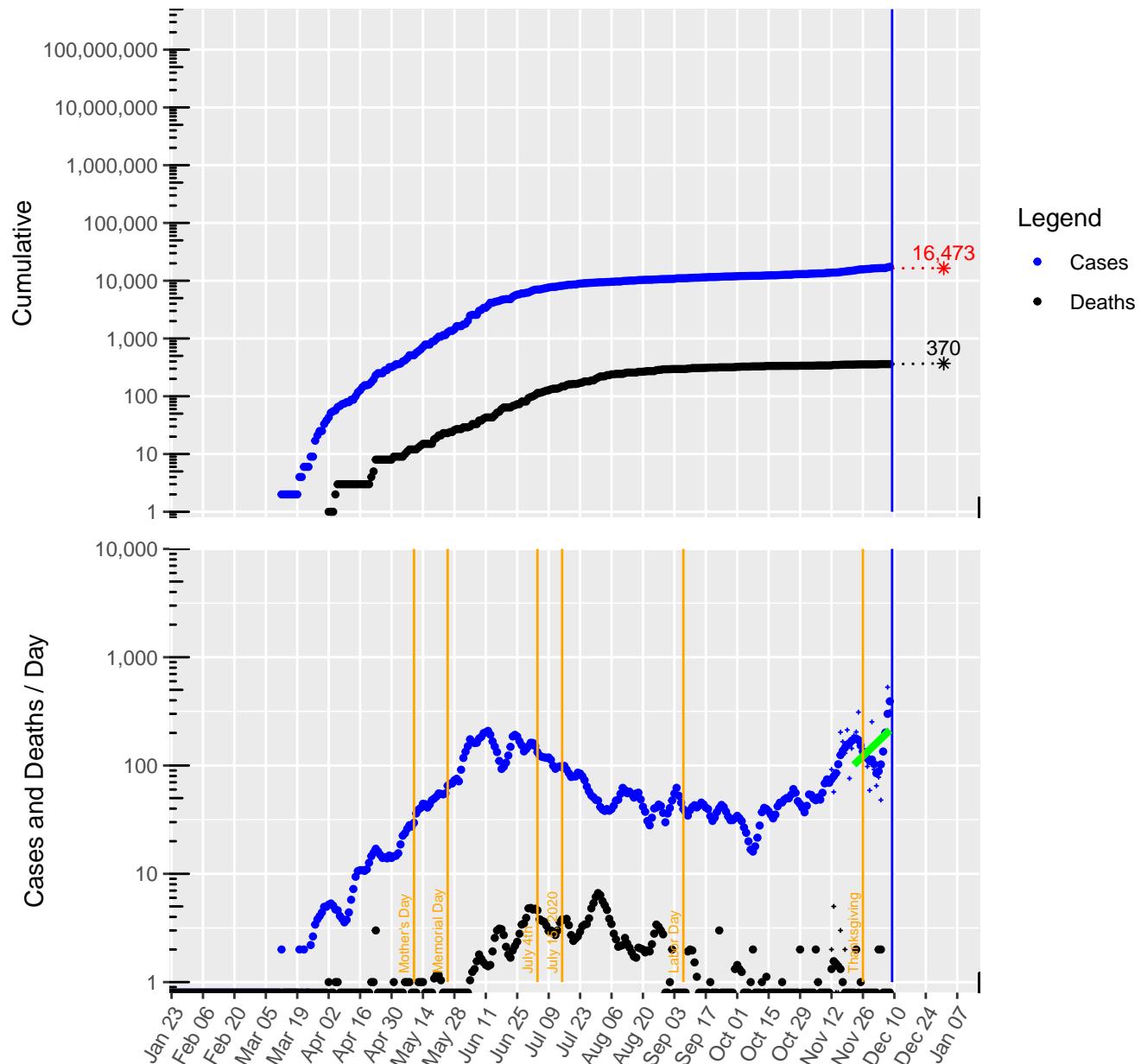


Deaths: 1,062 (0) --- Case Mortality: 1.1% --- Daily Change: +2.8% Cases, +1.1% Deaths (over 16 days)

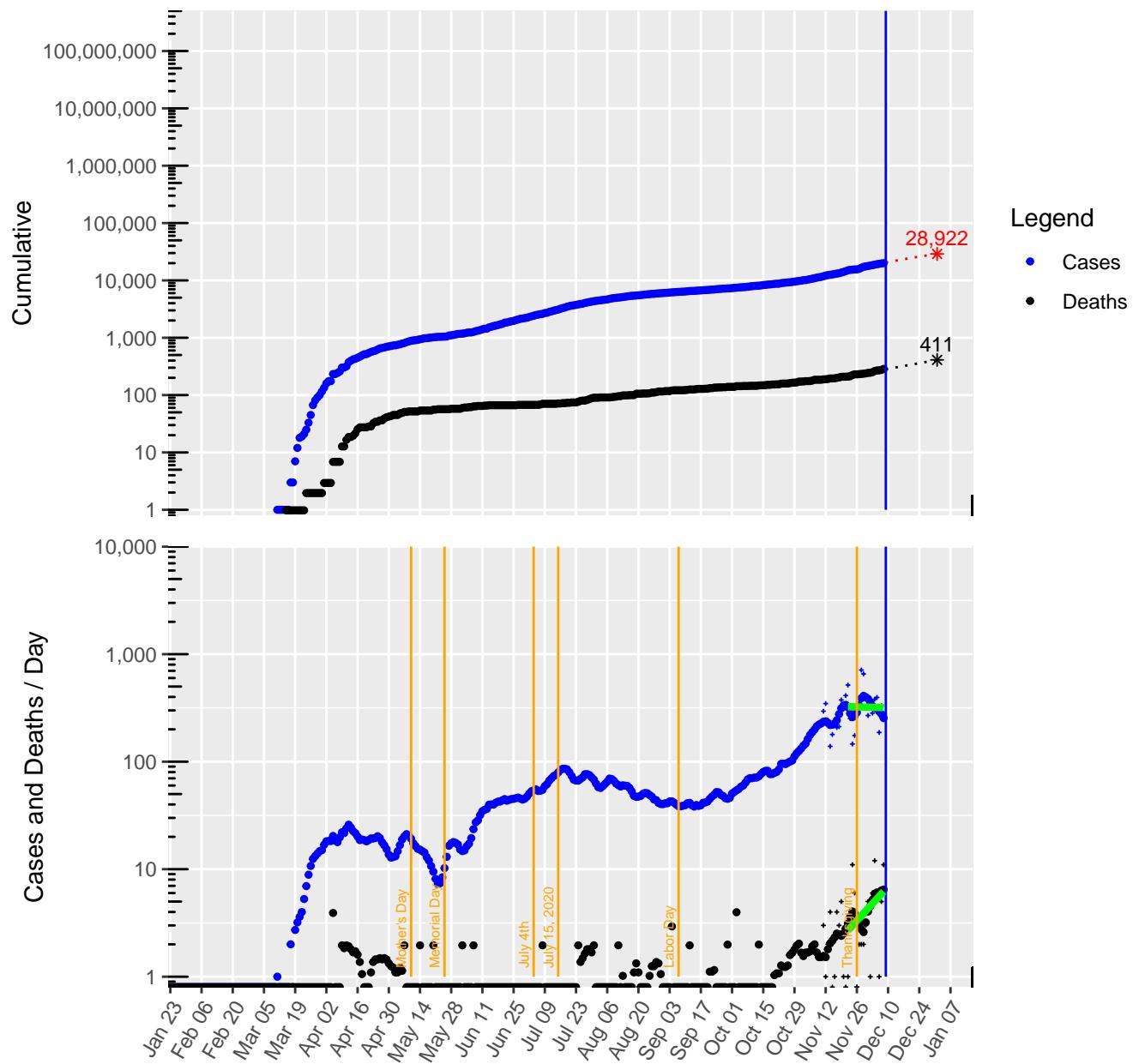
# Riverside County projection as of 2020-12-09



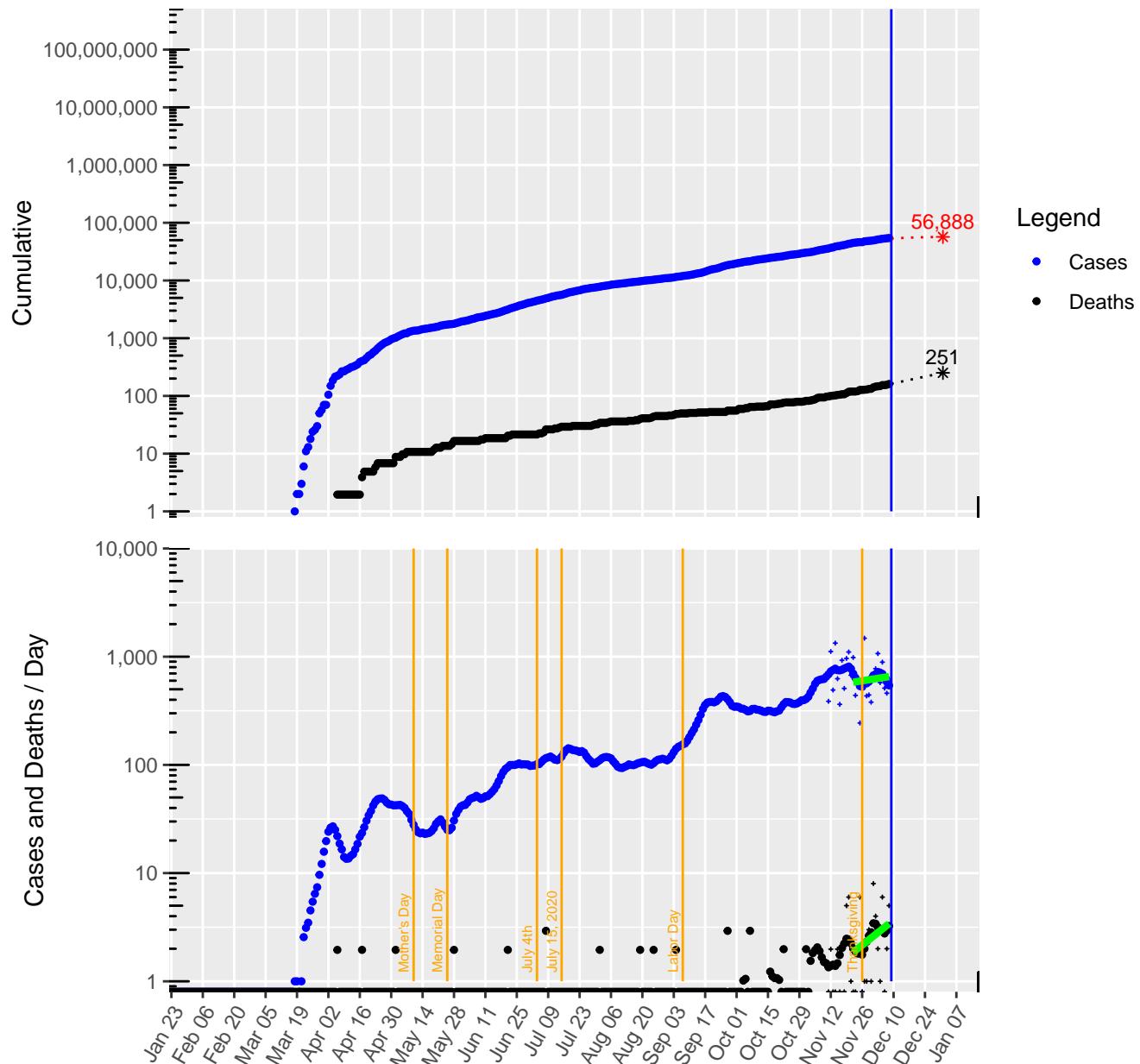
# Imperial County projection as of 2020-12-09



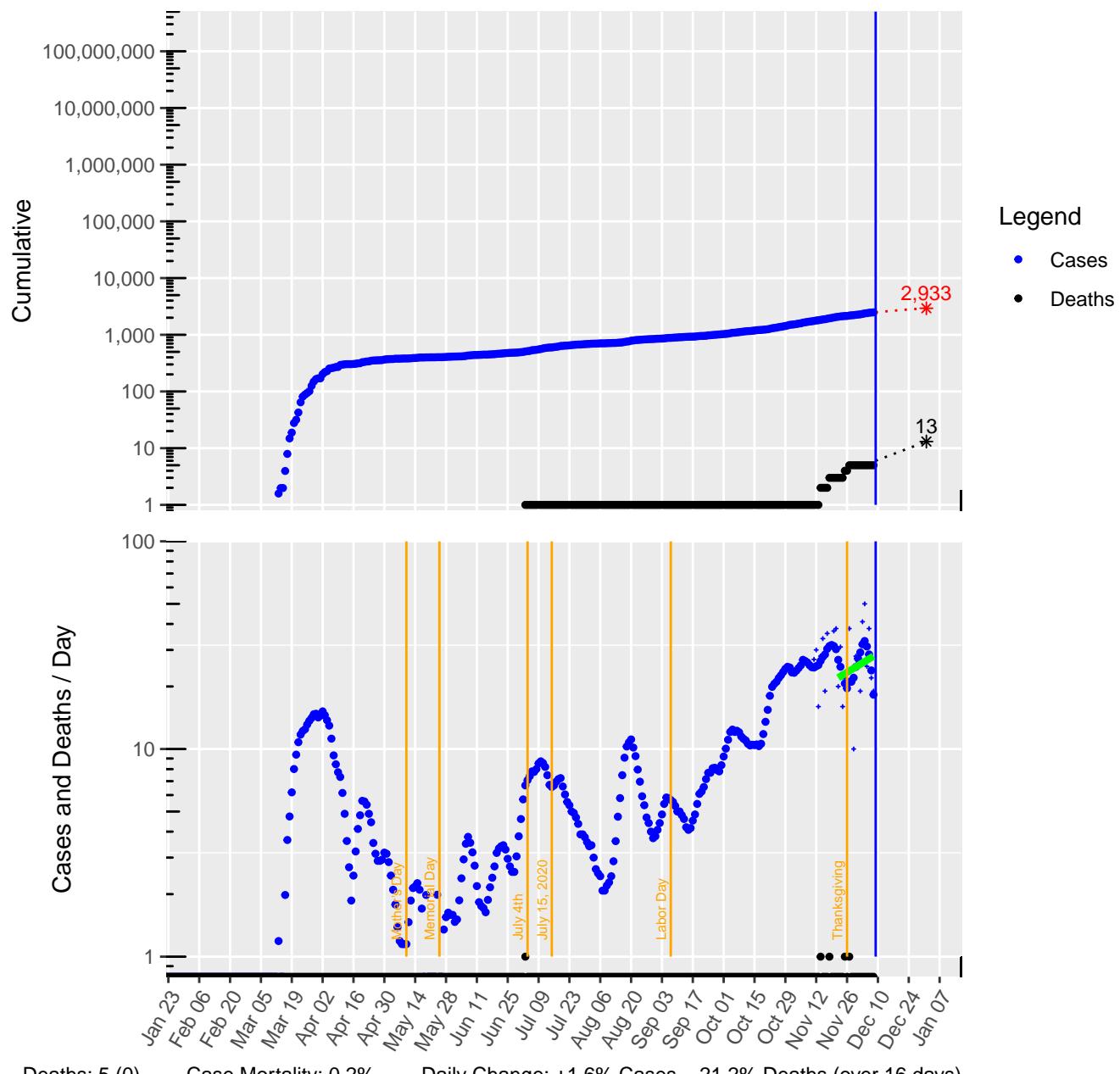
# Multnomah County (Portland) projection as of 2020-12-09



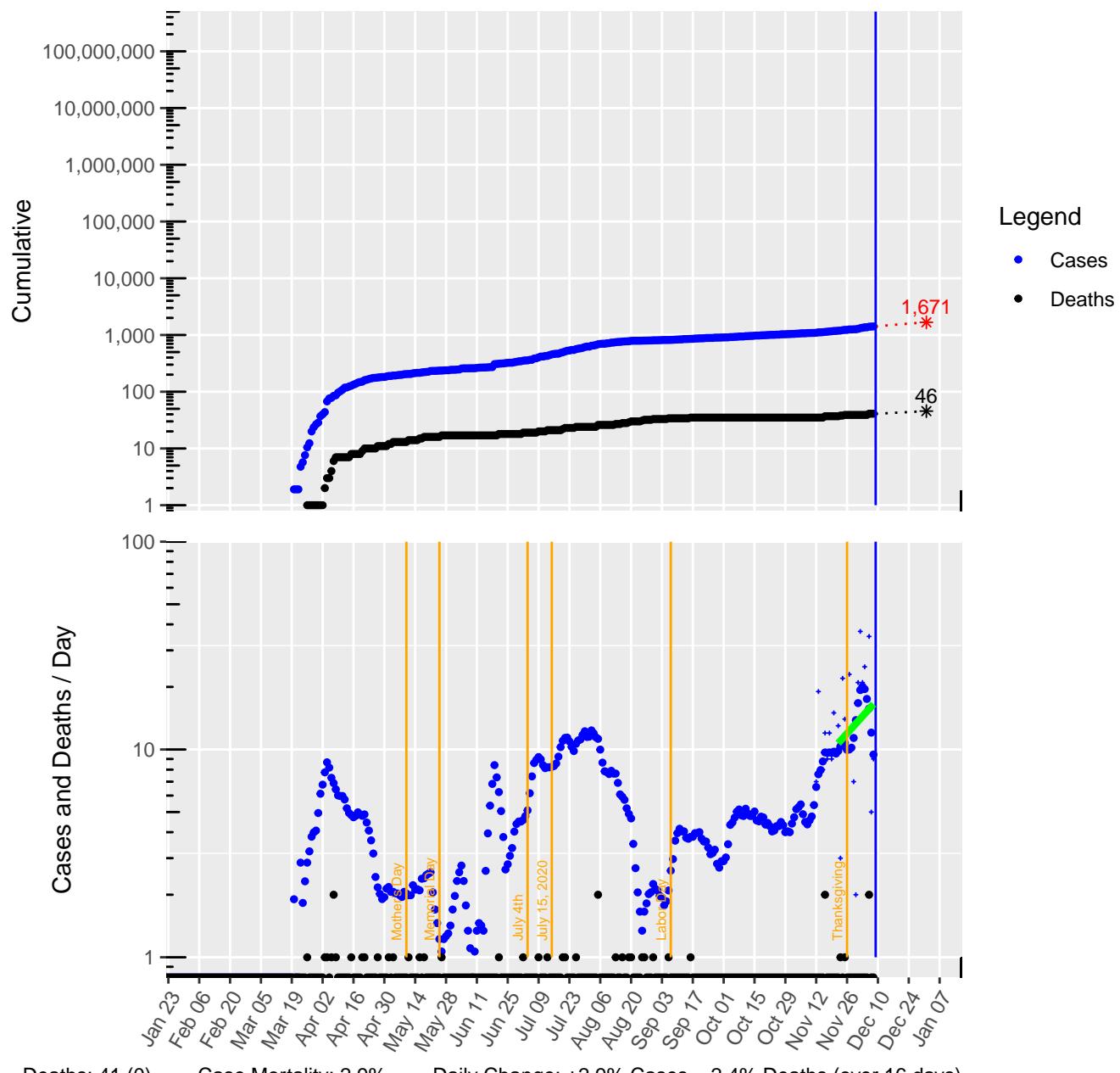
# Utah County projection as of 2020-12-09



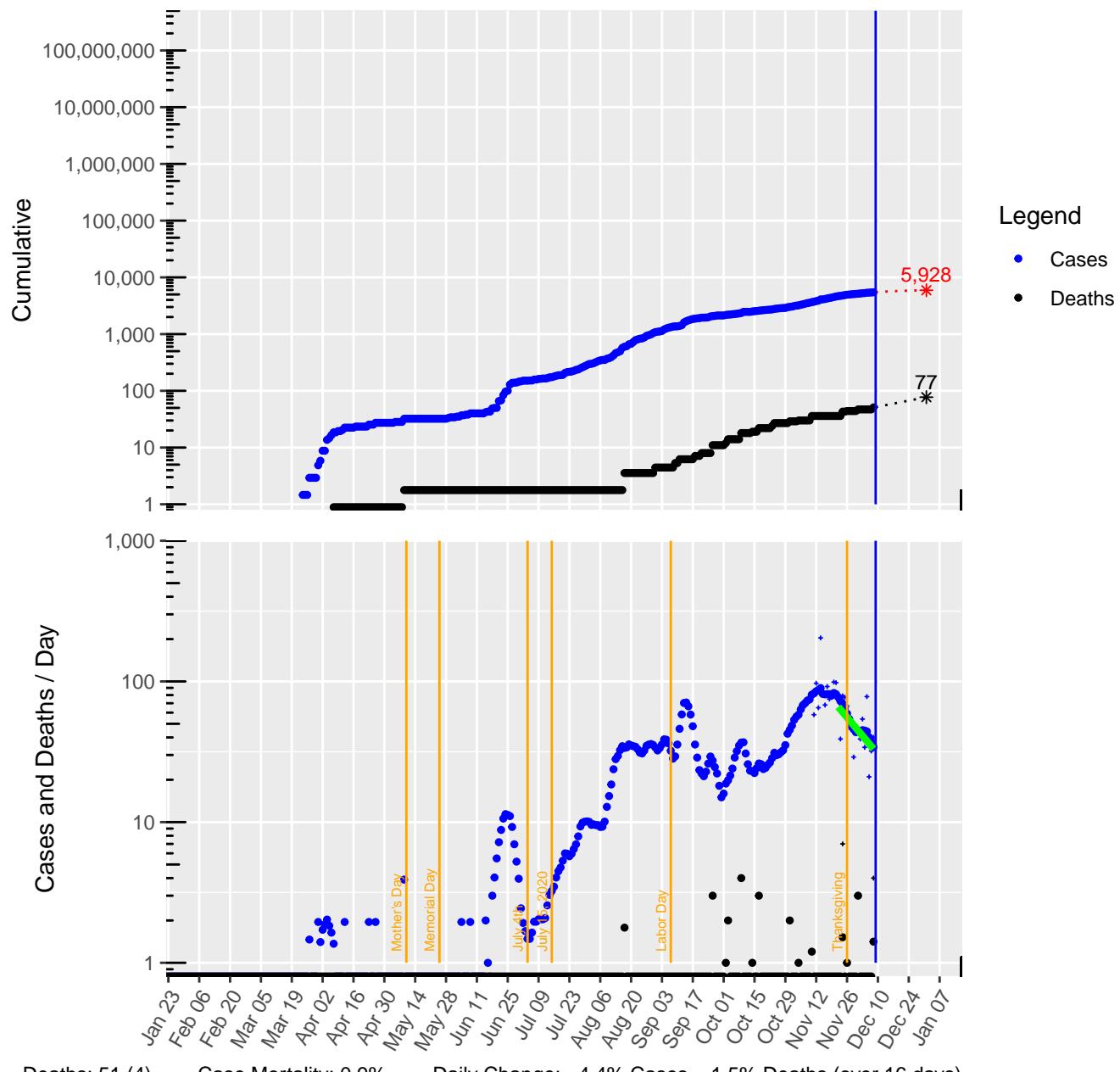
# Summit County, Utah projection as of 2020-12-09



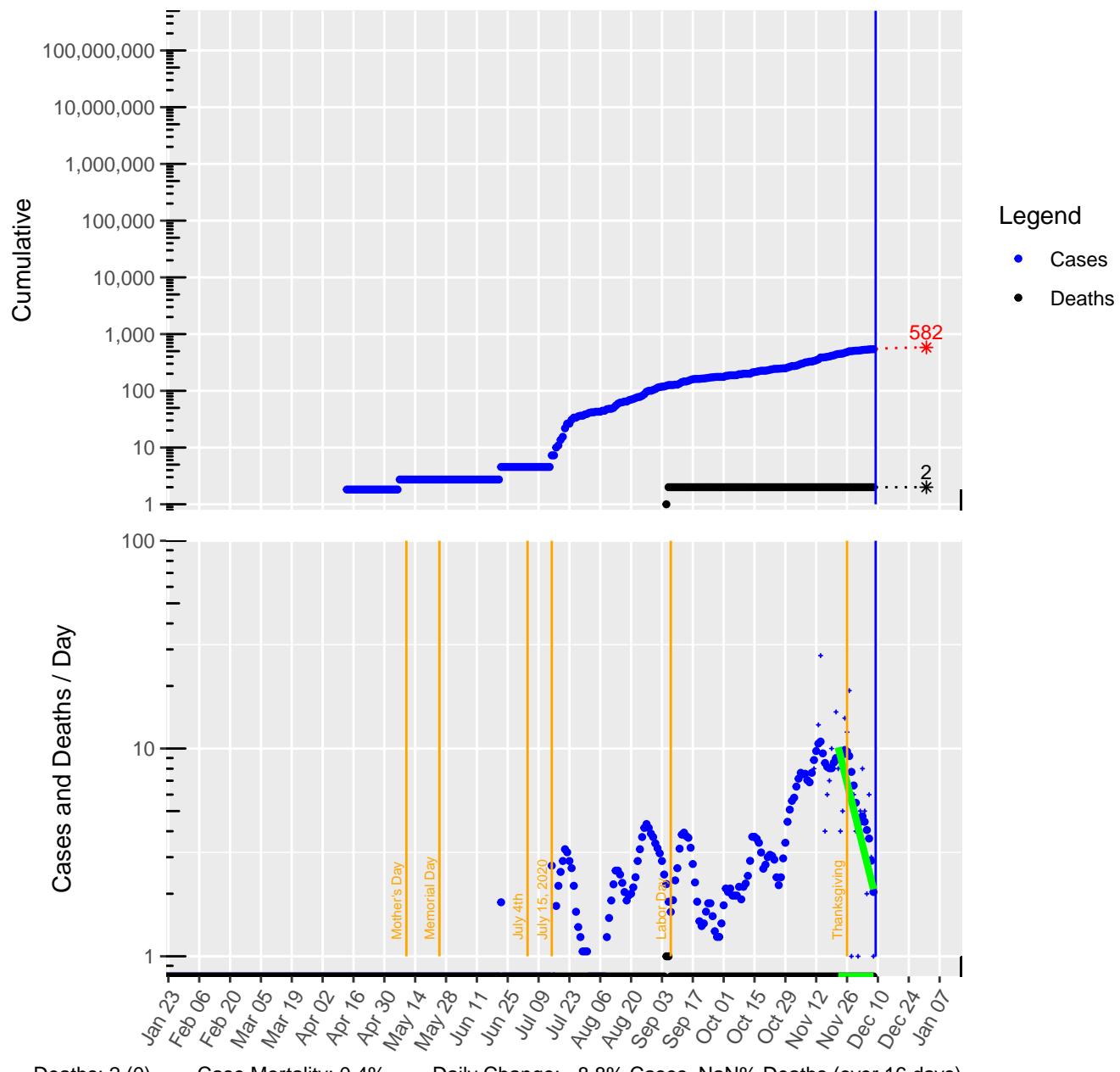
# De Soto Parish, Louisiana projection as of 2020-12-09



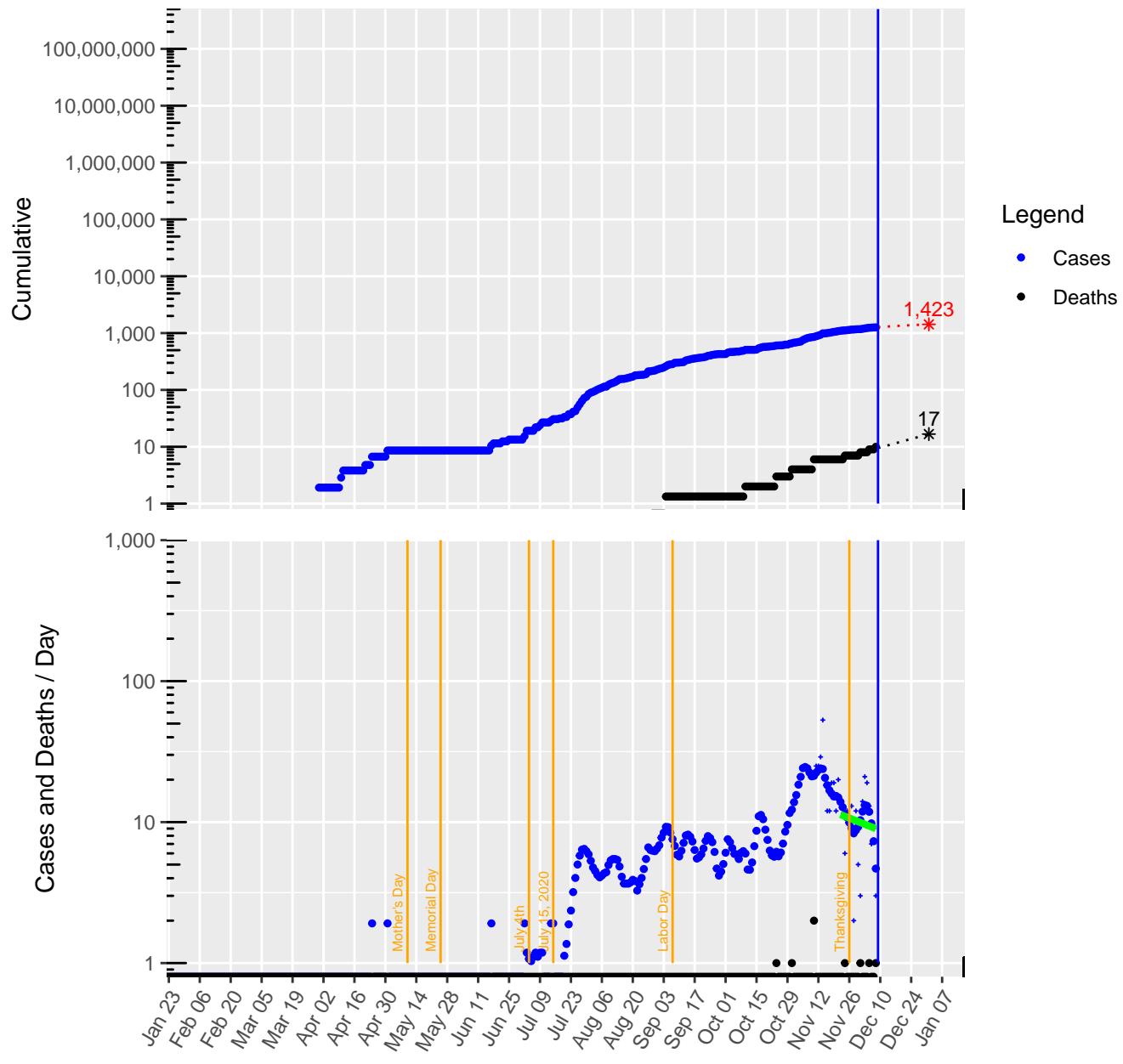
# St. Francois County, Missouri projection as of 2020-12-09



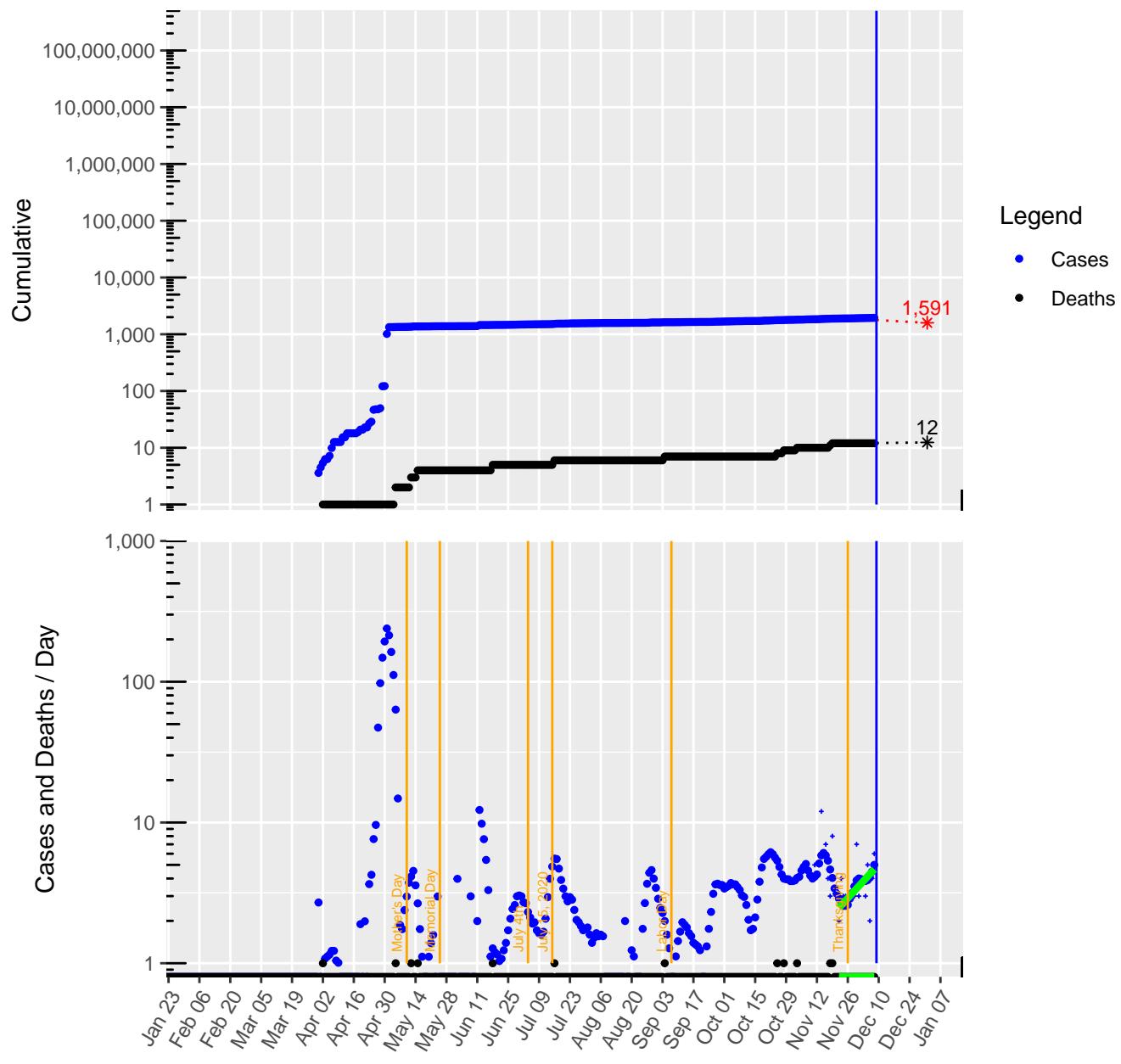
# Howard County, Missouri projection as of 2020-12-09



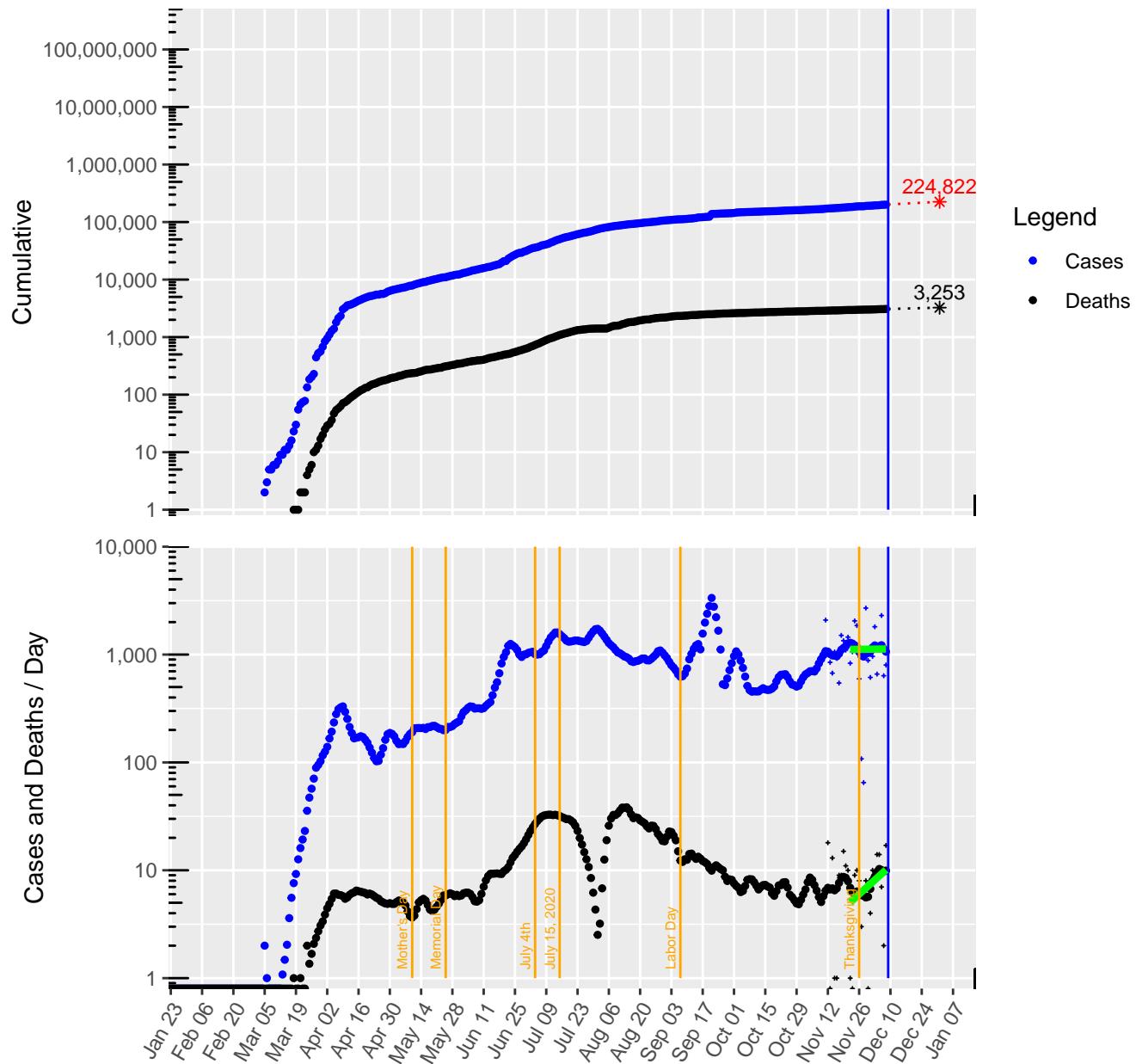
# Cooper County, Missouri projection as of 2020-12-09



# Trousdale County, Tennessee projection as of 2020-12-09

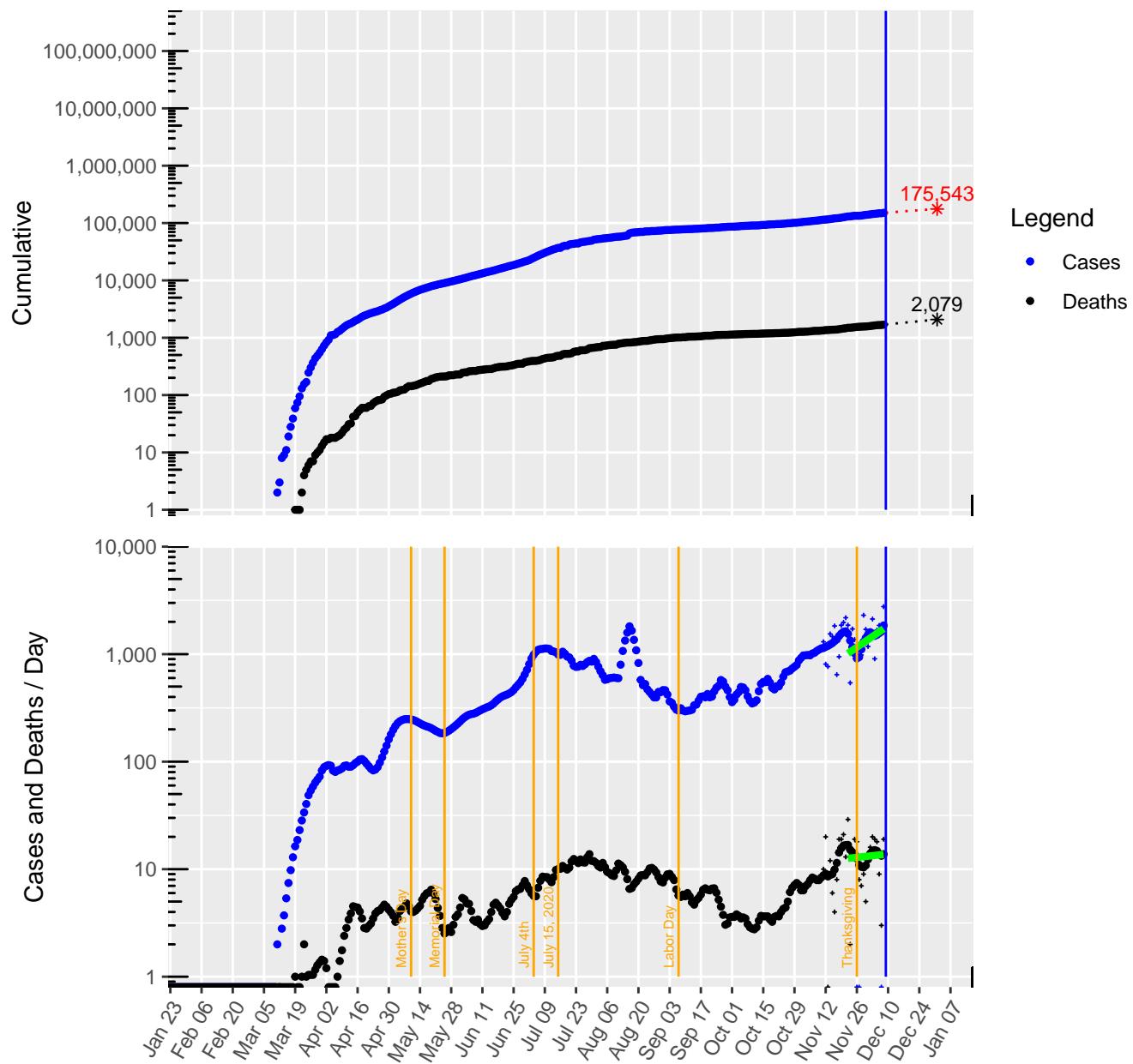


# Harris County (Houston) projection as of 2020-12-09

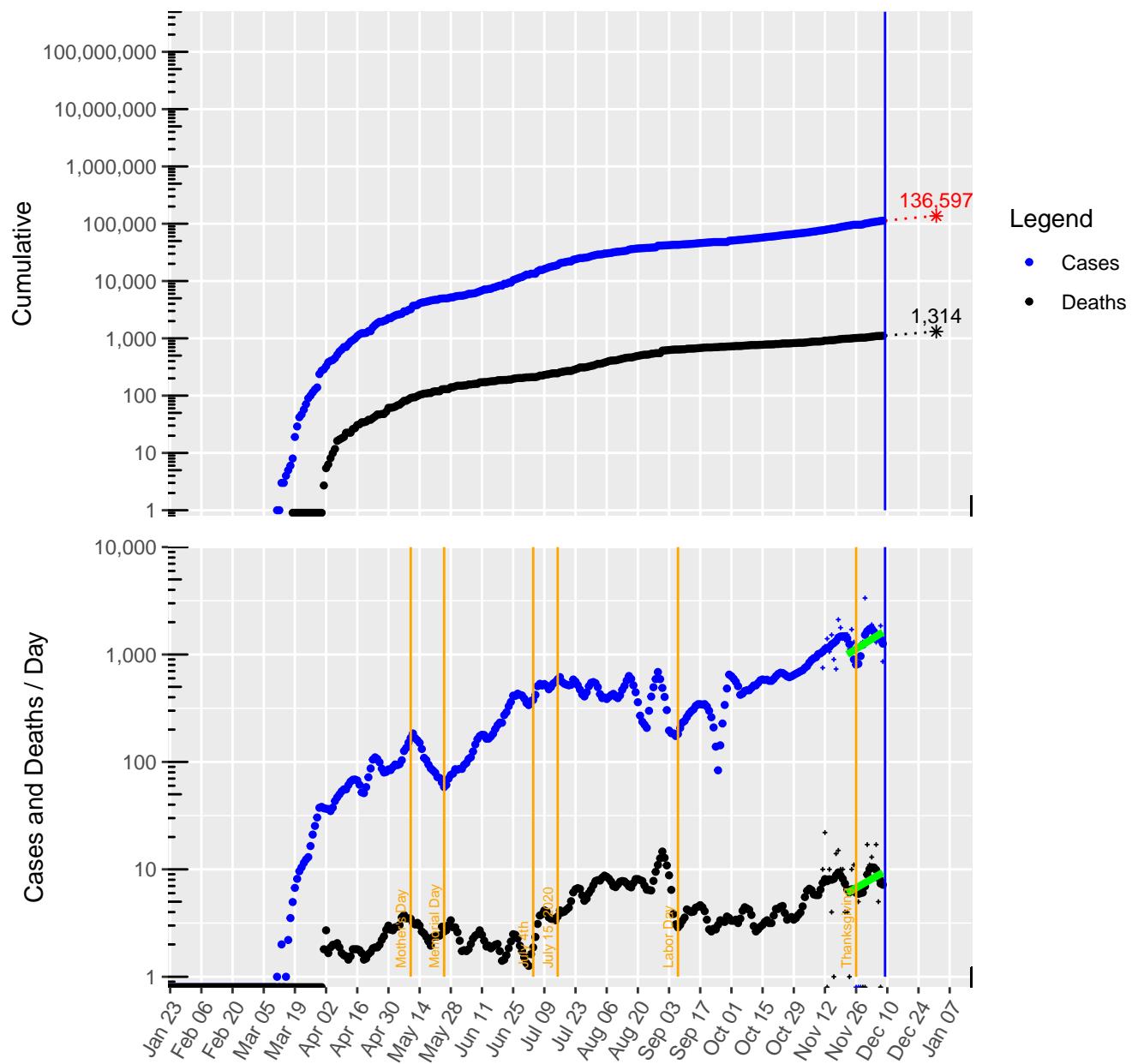


Deaths: 3,086 (17) — Case Mortality: 1.5% — Daily Change: +0.1% Cases, +4.4% Deaths (over 16 days)

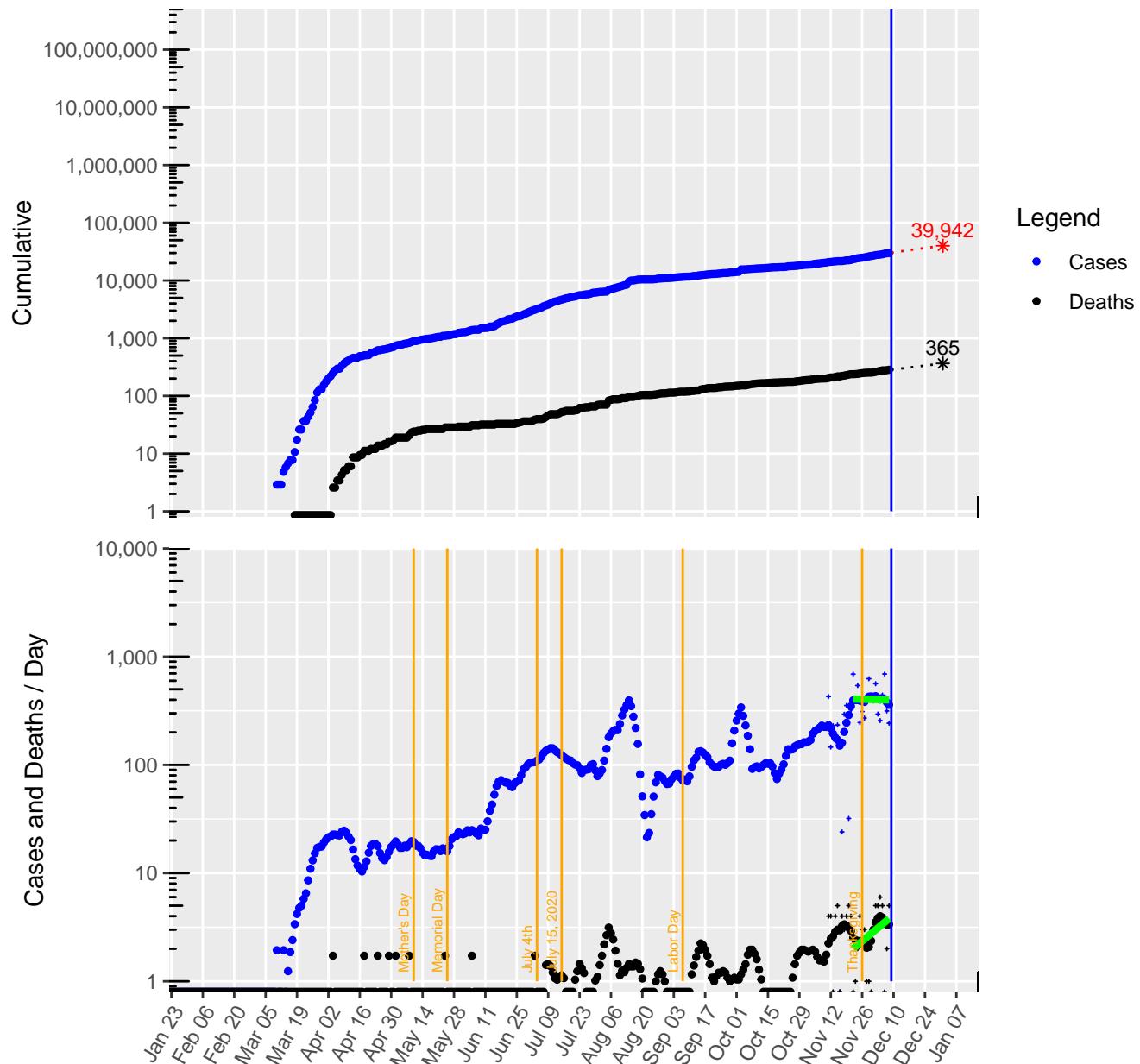
# Dallas, Texas projection as of 2020-12-09



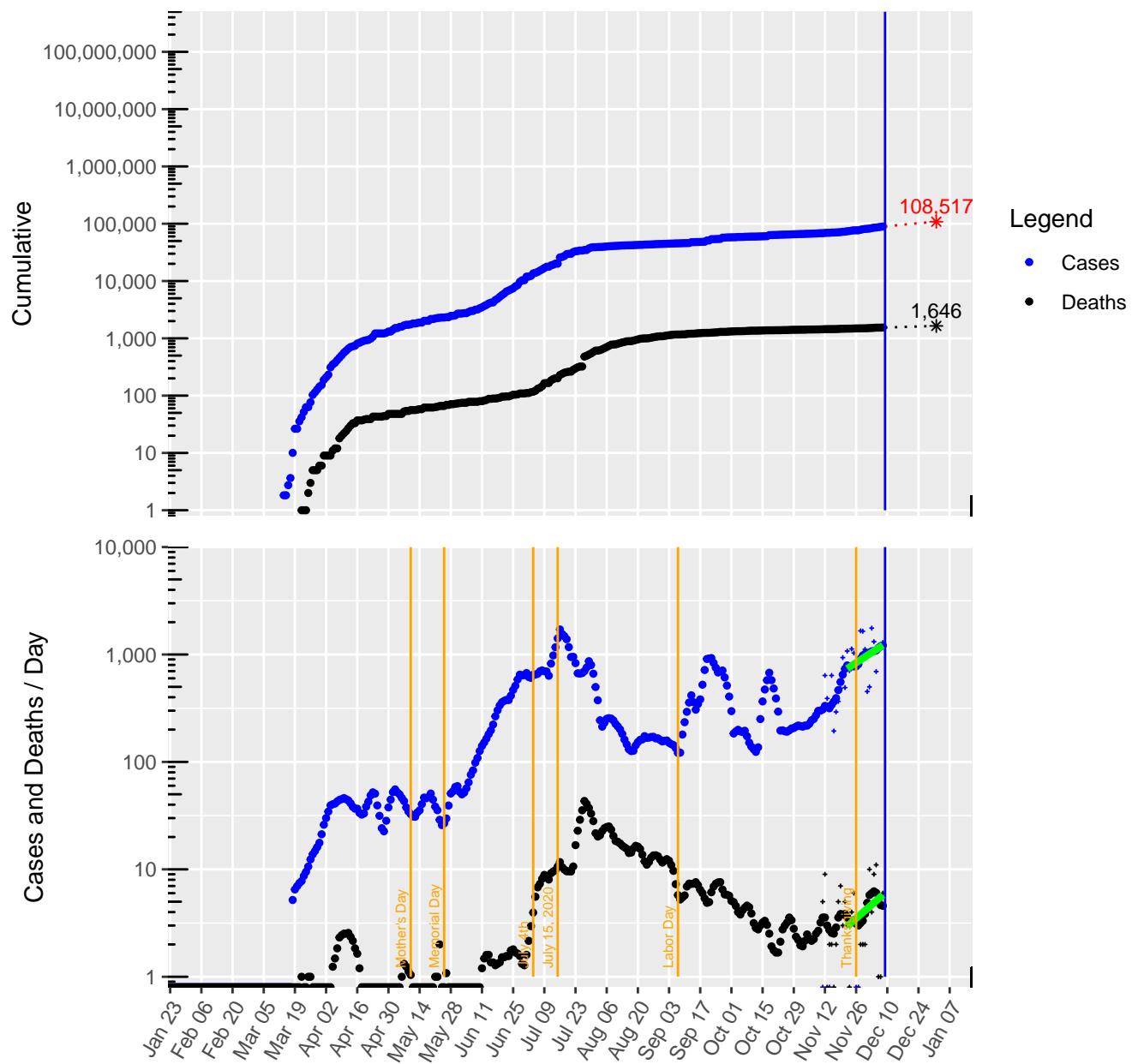
# Tarrant County (Fort Worth) projection as of 2020-12-09



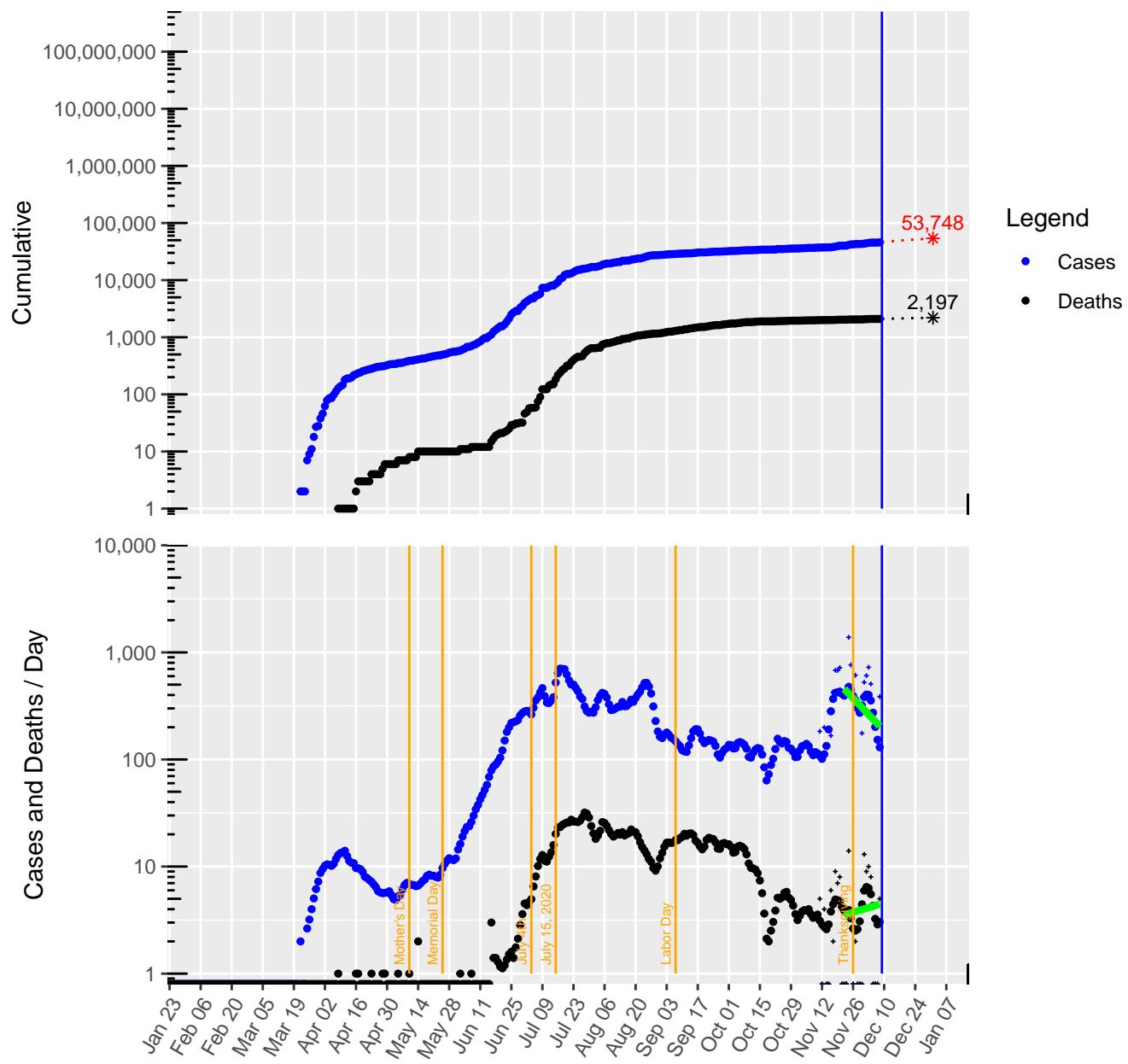
# Collin County, Texas projection as of 2020-12-09



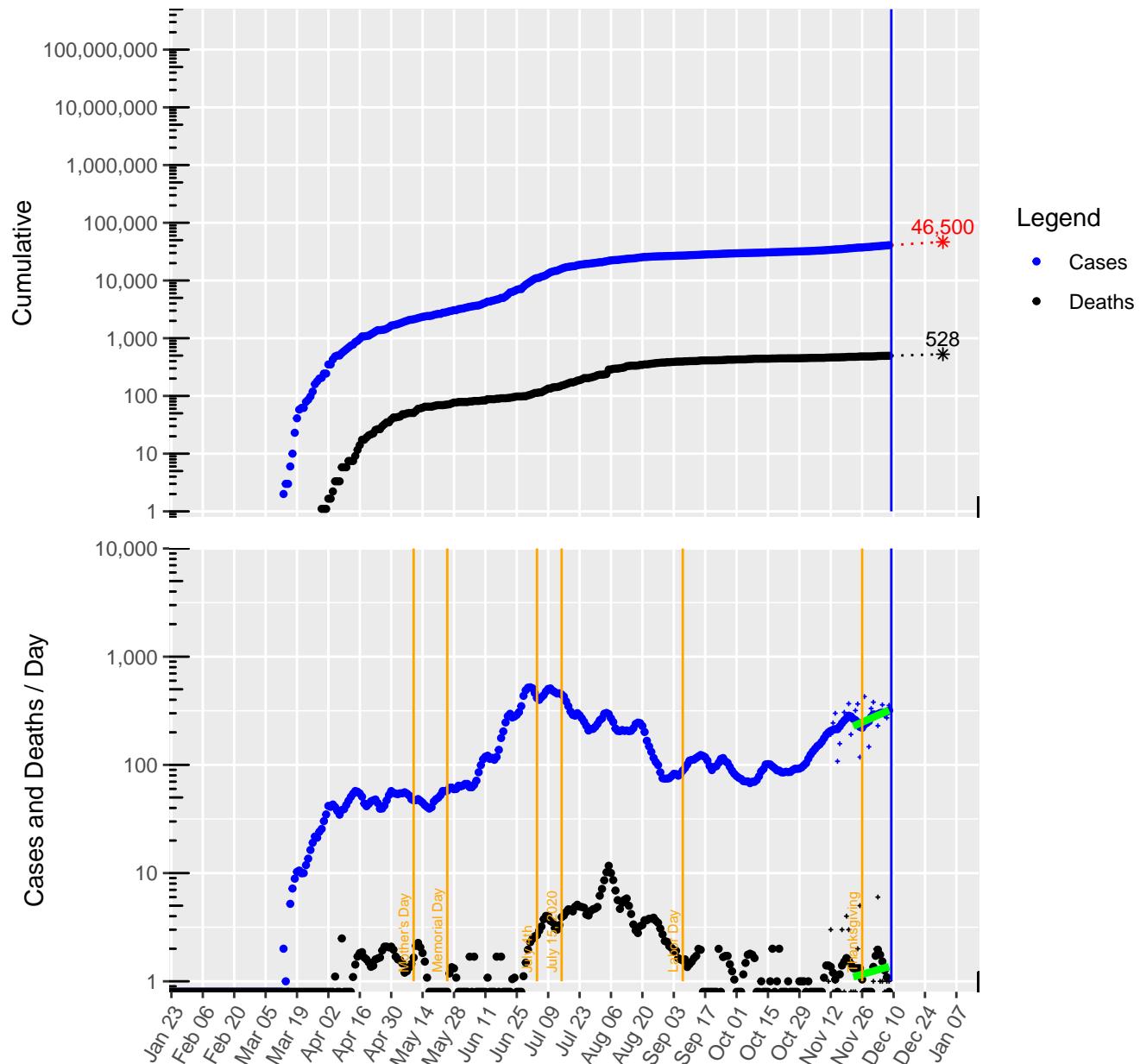
# Bexar County (San Antonio) projection as of 2020-12-09



# Hidalgo County, Texas projection as of 2020-12-09

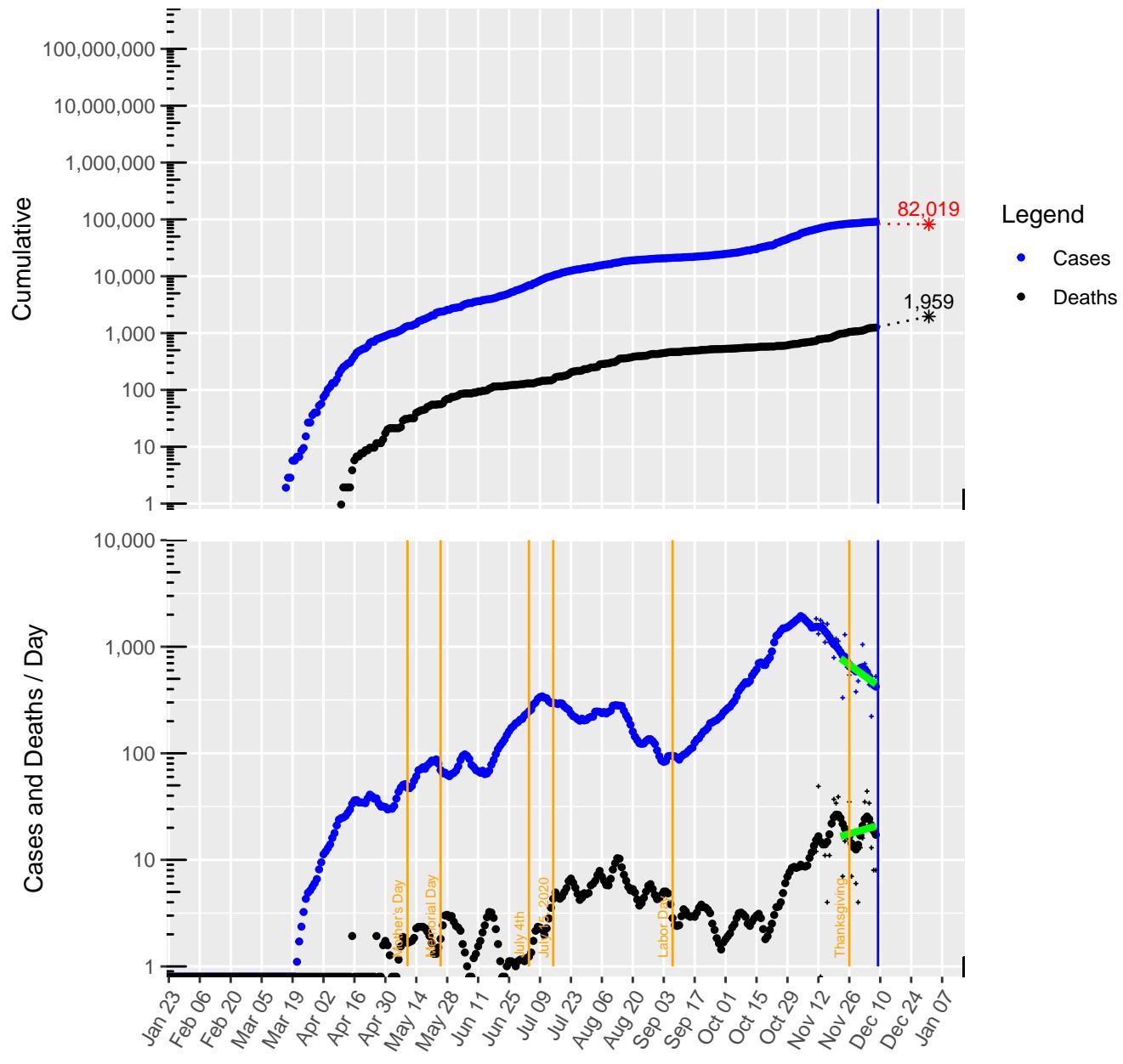


# Travis County (Austin) projection as of 2020-12-09

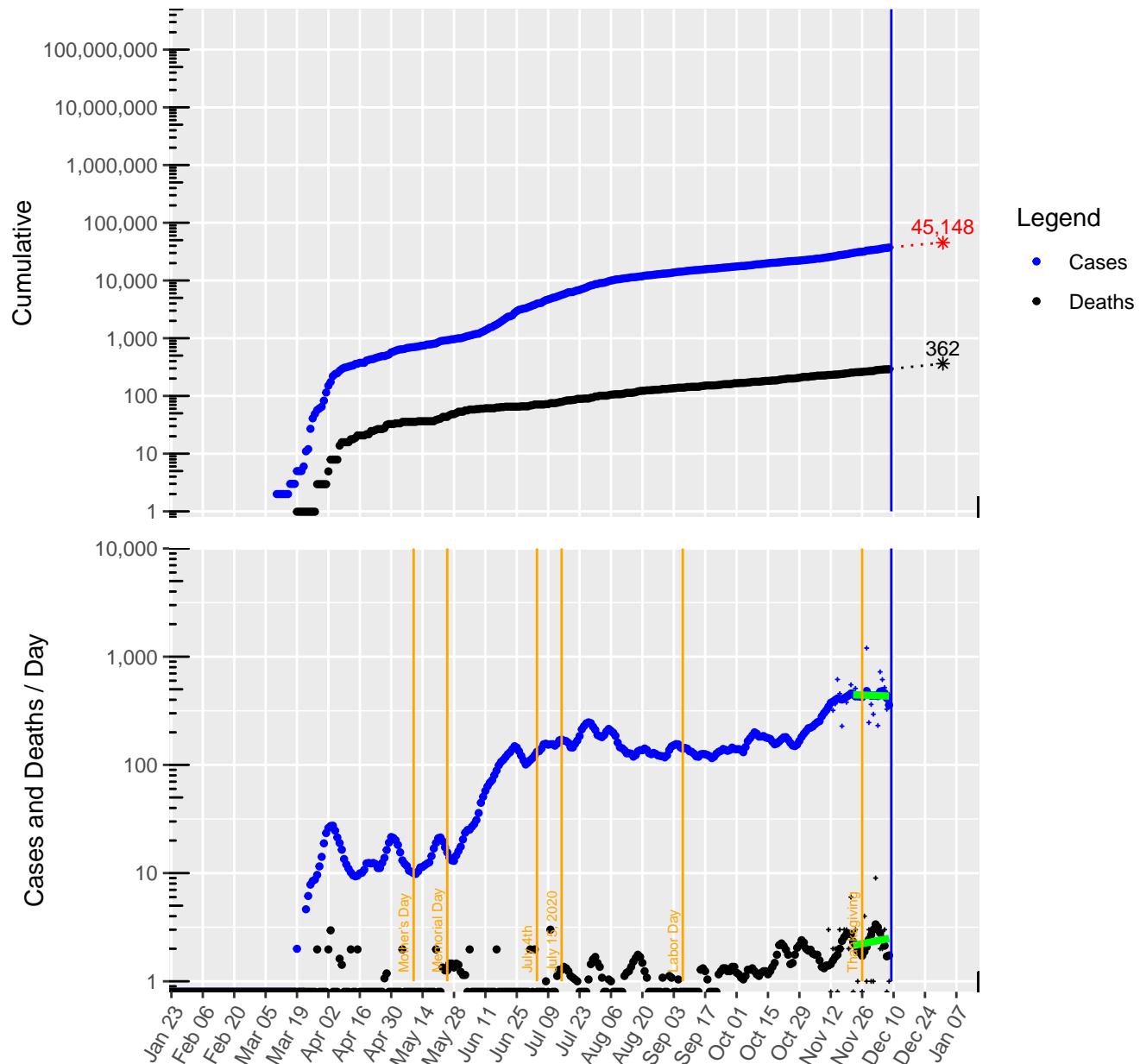


Deaths: 496 (1) — Case Mortality: 1.2% — Daily Change: +2.2% Cases, +1.5% Deaths (over 16 days)

# El Paso County, Texas projection as of 2020-12-09

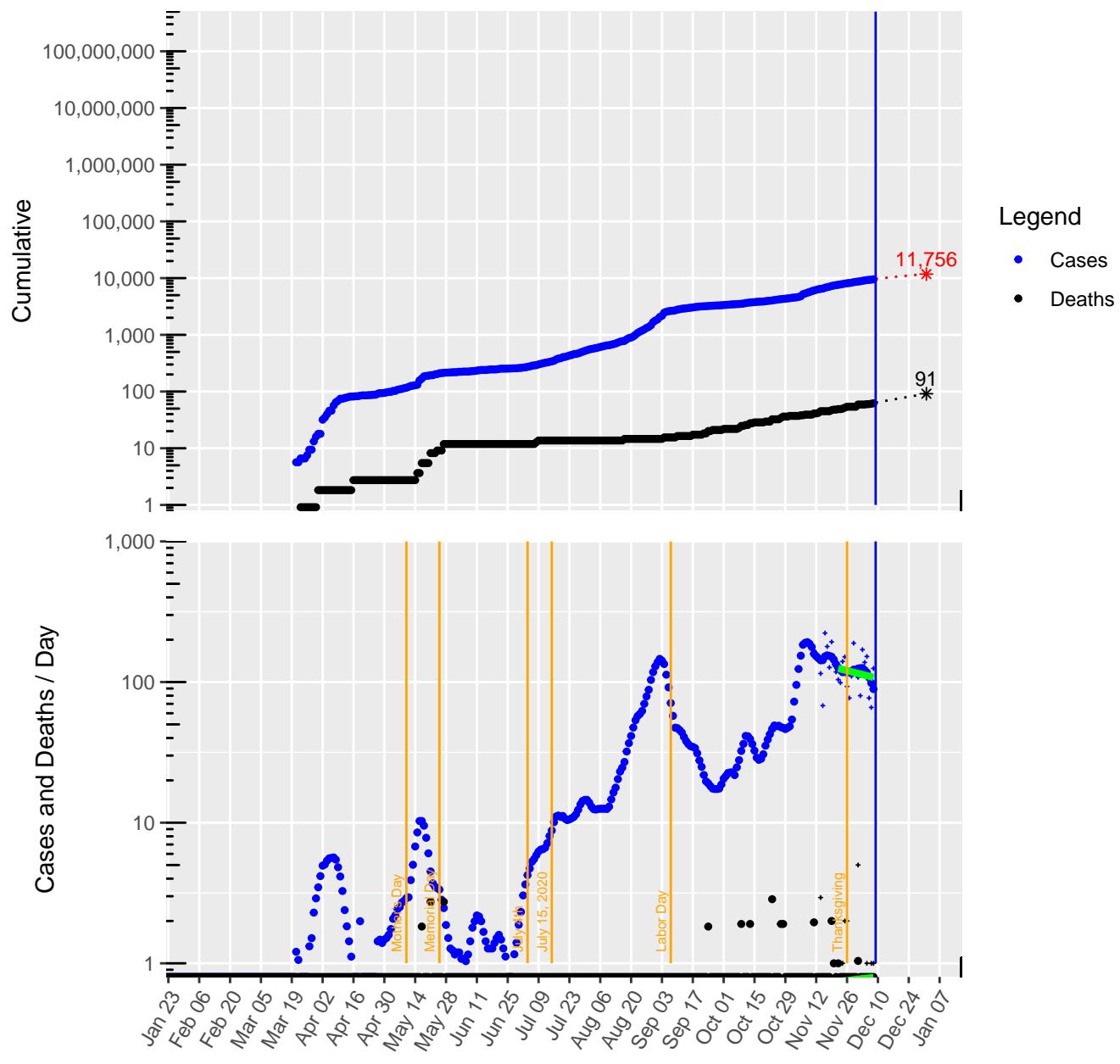


# Tulsa County, Oklahoma projection as of 2020-12-09

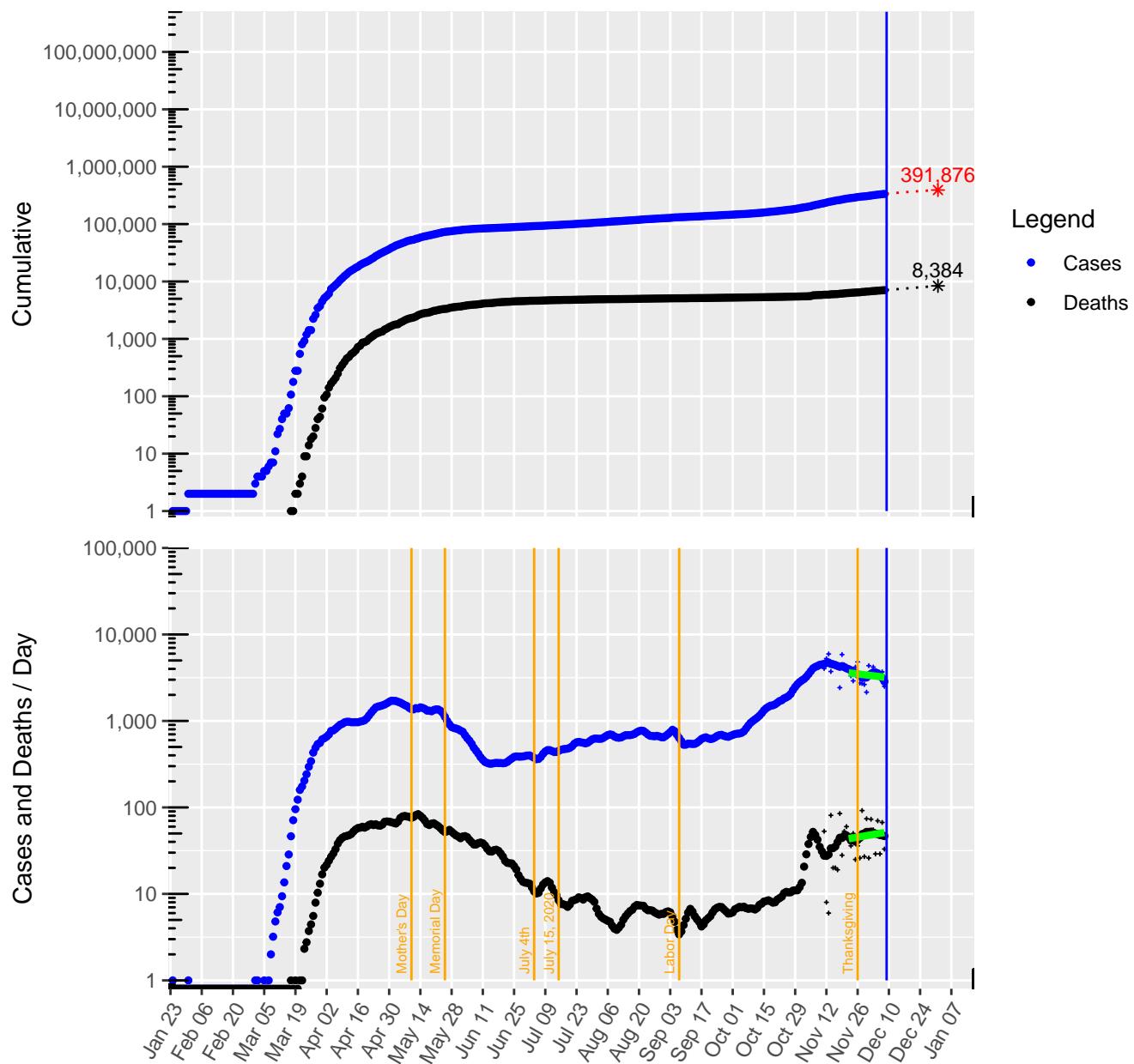


Deaths: 290 (1) --- Case Mortality: 0.8% --- Daily Change: -0.2% Cases, +1.0% Deaths (over 16 days)

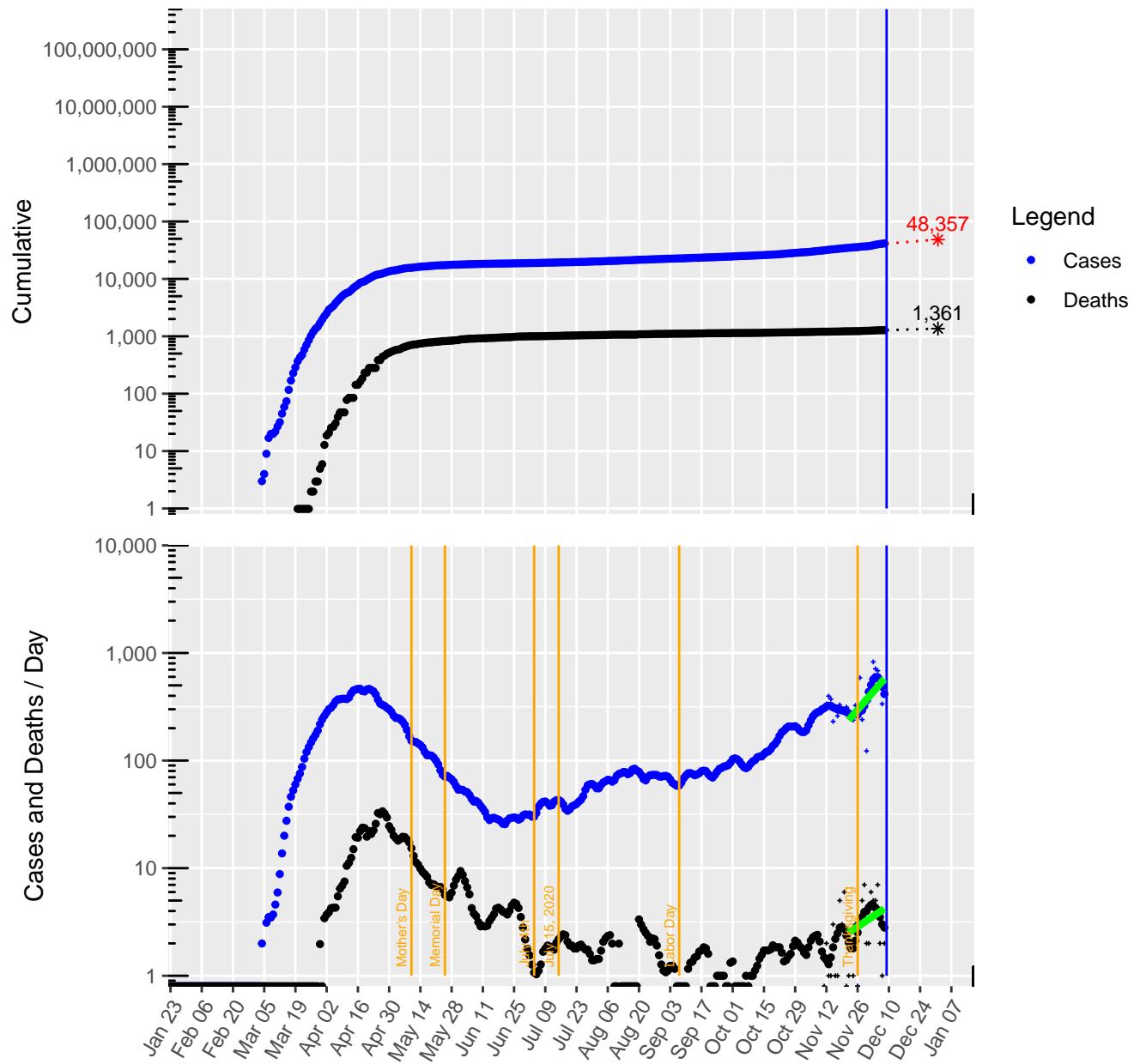
# McLean County, Illinois projection as of 2020-12-09



# Cook County, Illinois projection as of 2020-12-09

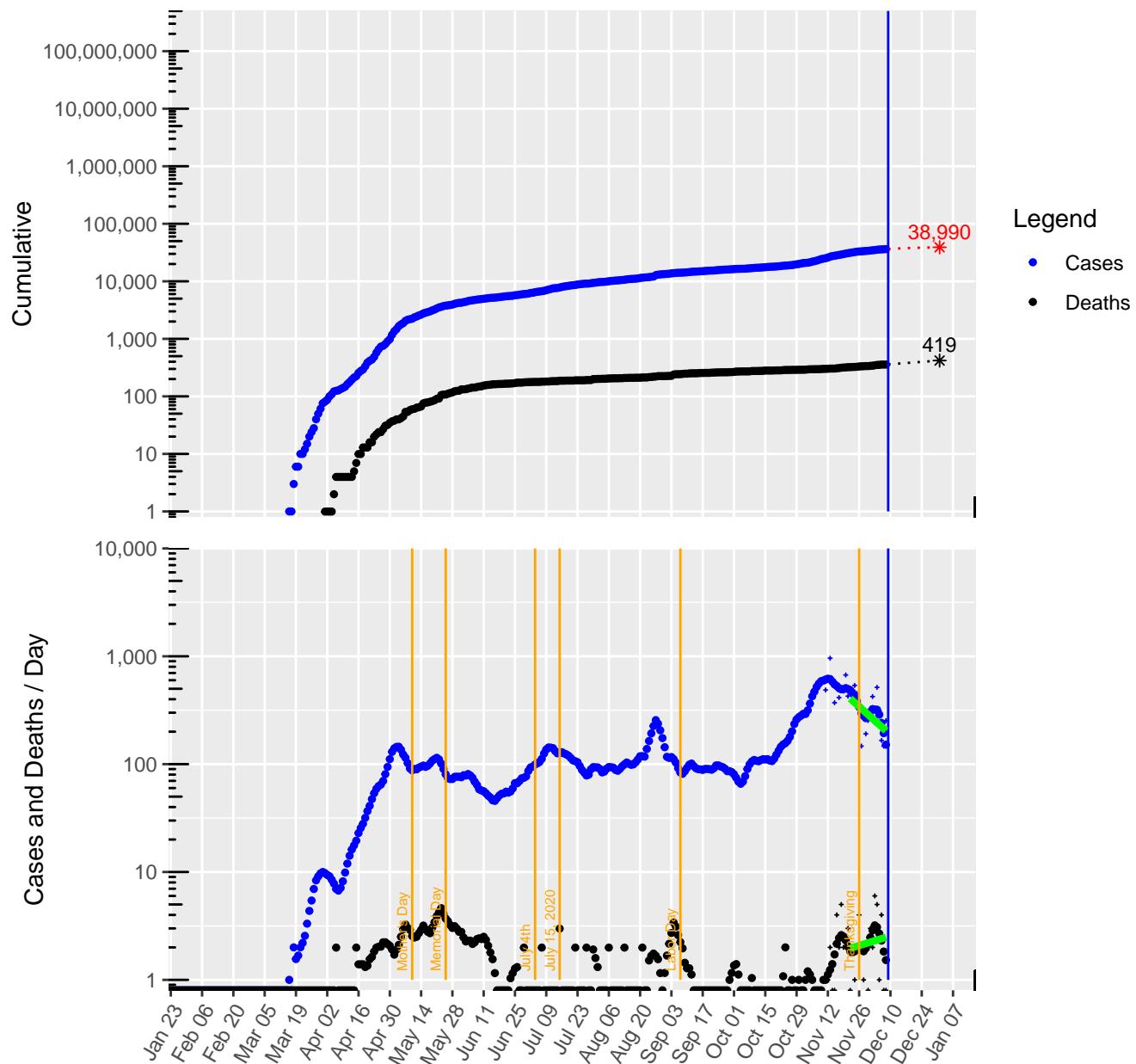


# Suffolk County (Boston) projection as of 2020-12-09

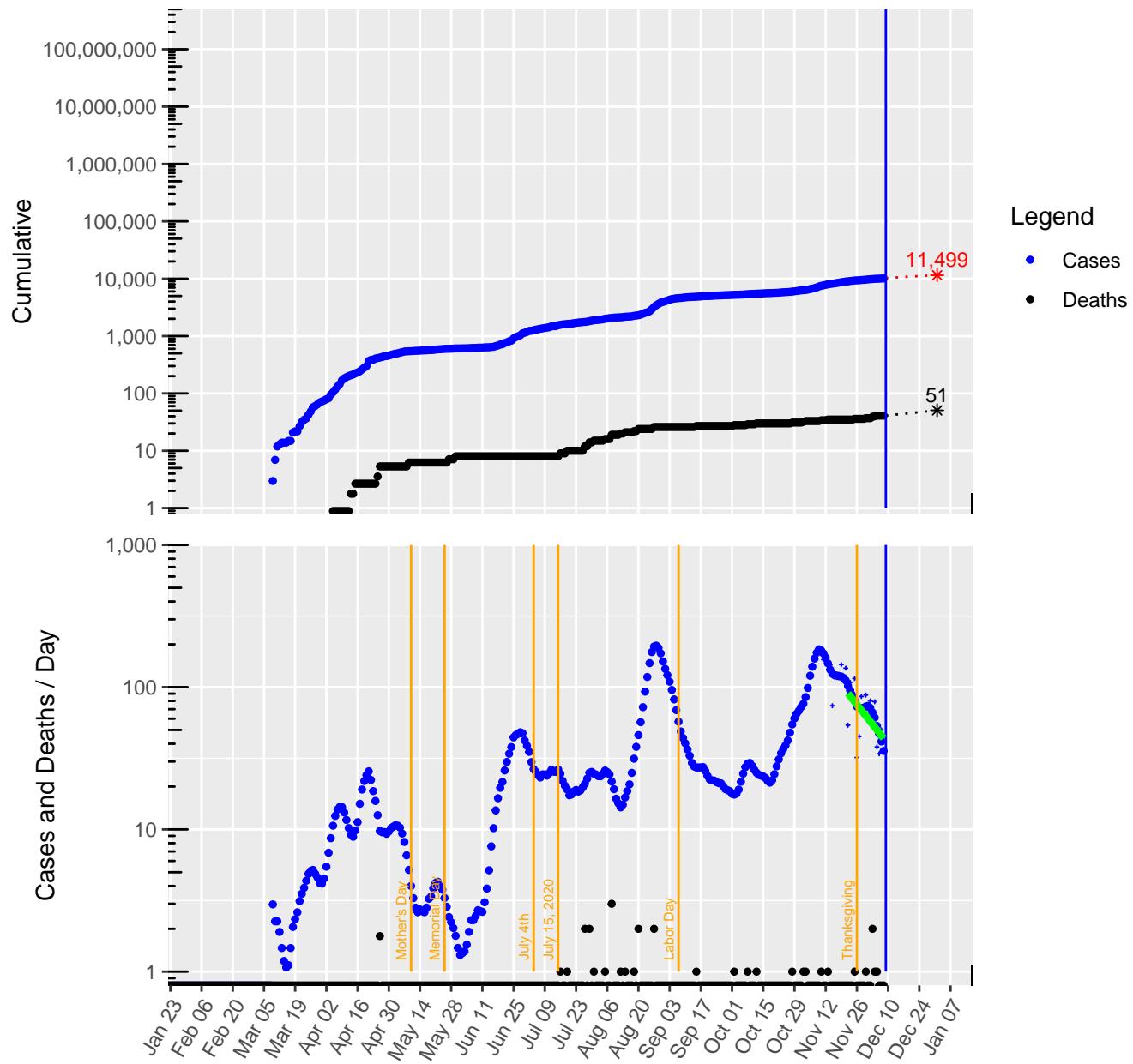


Deaths: 1,278 (2) --- Case Mortality: 3.1% --- Daily Change: +5.5% Cases, +3.3% Deaths (over 16 days)

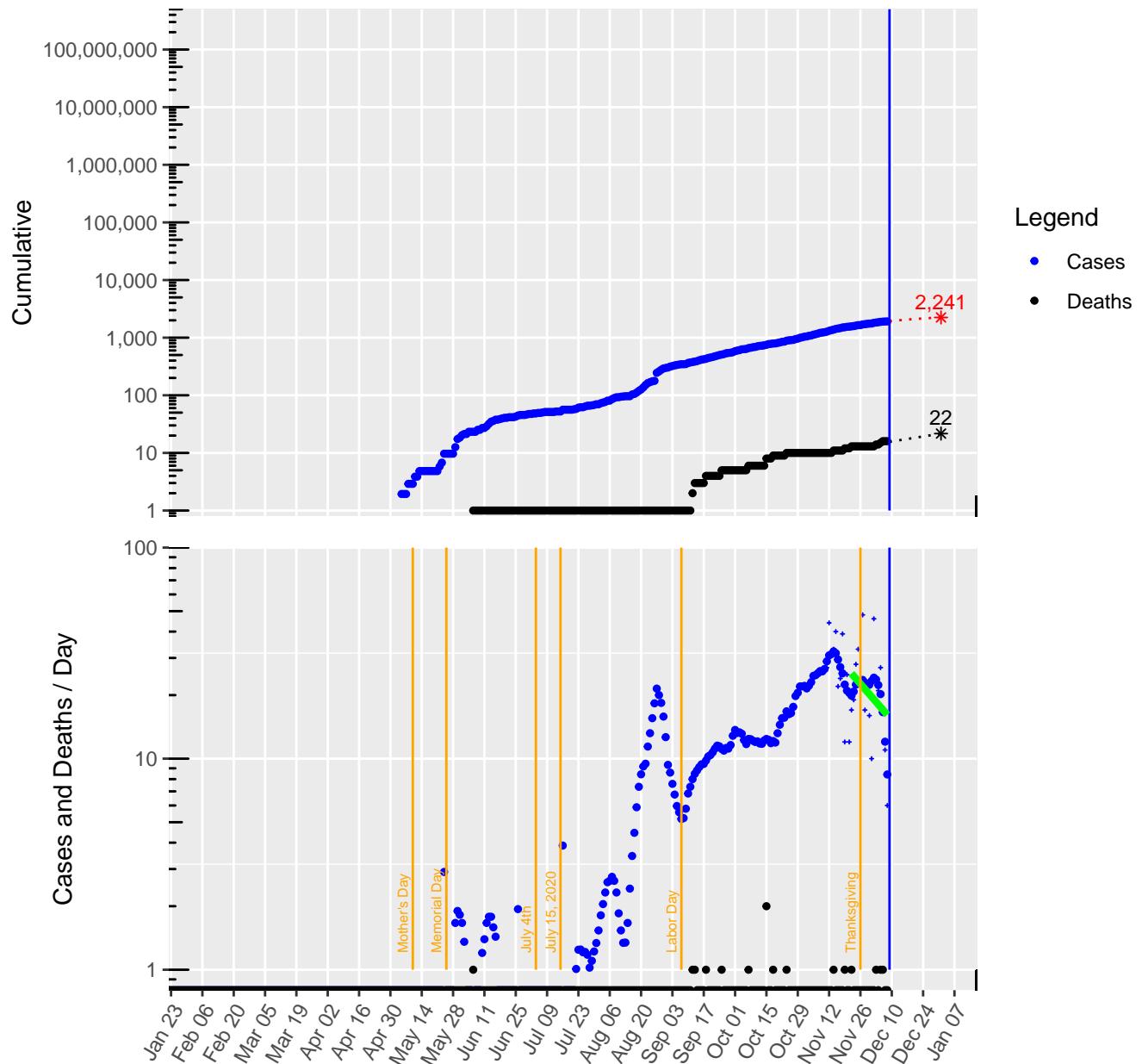
# Polk County, Iowa projection as of 2020-12-09



# Johnson County, Iowa projection as of 2020-12-09

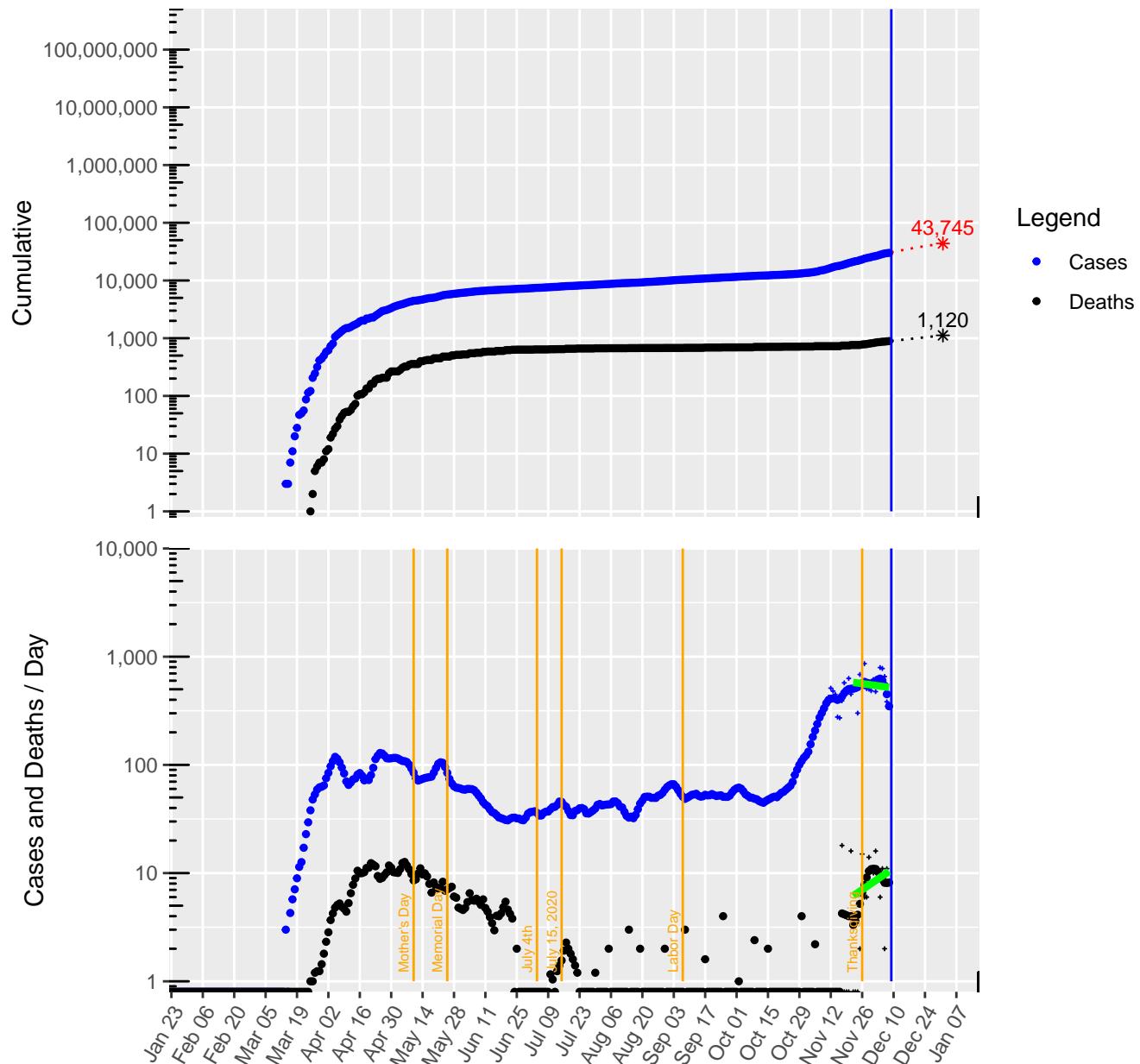


# Meade County, South Dakota (Sturgis) projection as of 2020-12-09



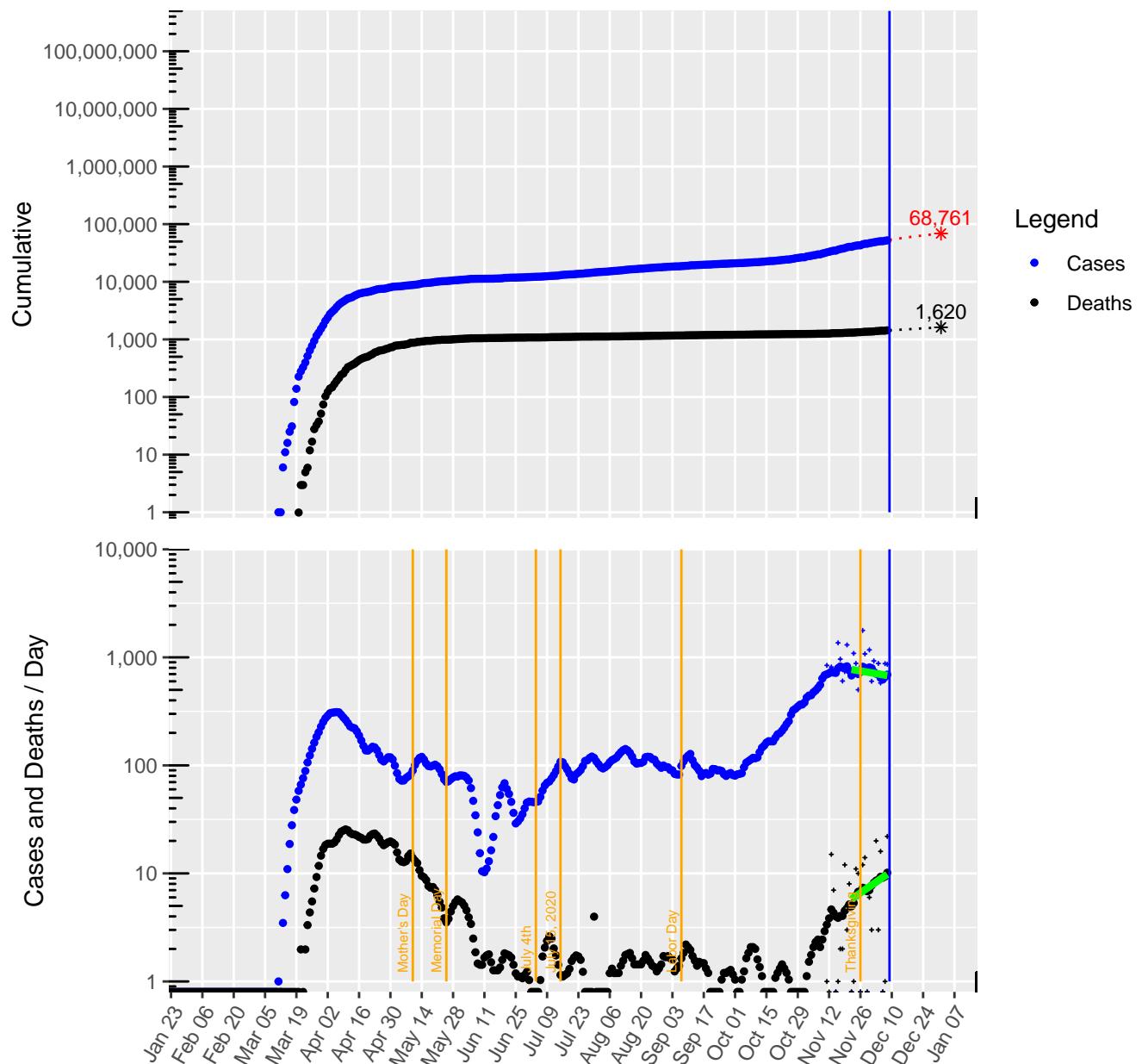
Deaths: 16 (0) — Case Mortality: 0.8% — Daily Change: -3.0% Cases, +19.6% Deaths (over 16 days)

# Erie County, New York projection as of 2020-12-09



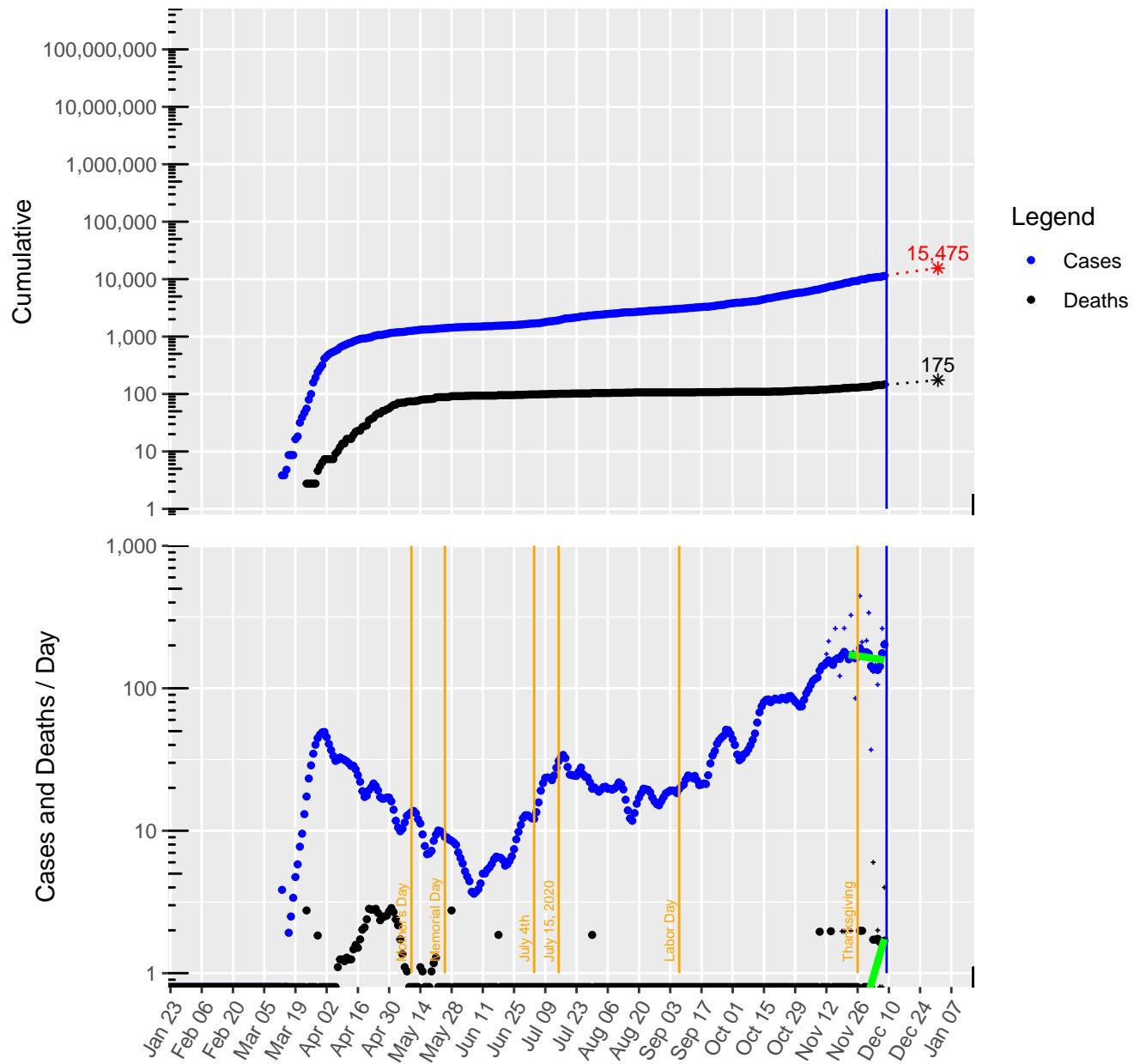
Deaths: 891 (8) --- Case Mortality: 3.0% --- Daily Change: -0.7% Cases, +3.4% Deaths (over 16 days)

# Oakland County, Michigan projection as of 2020-12-09

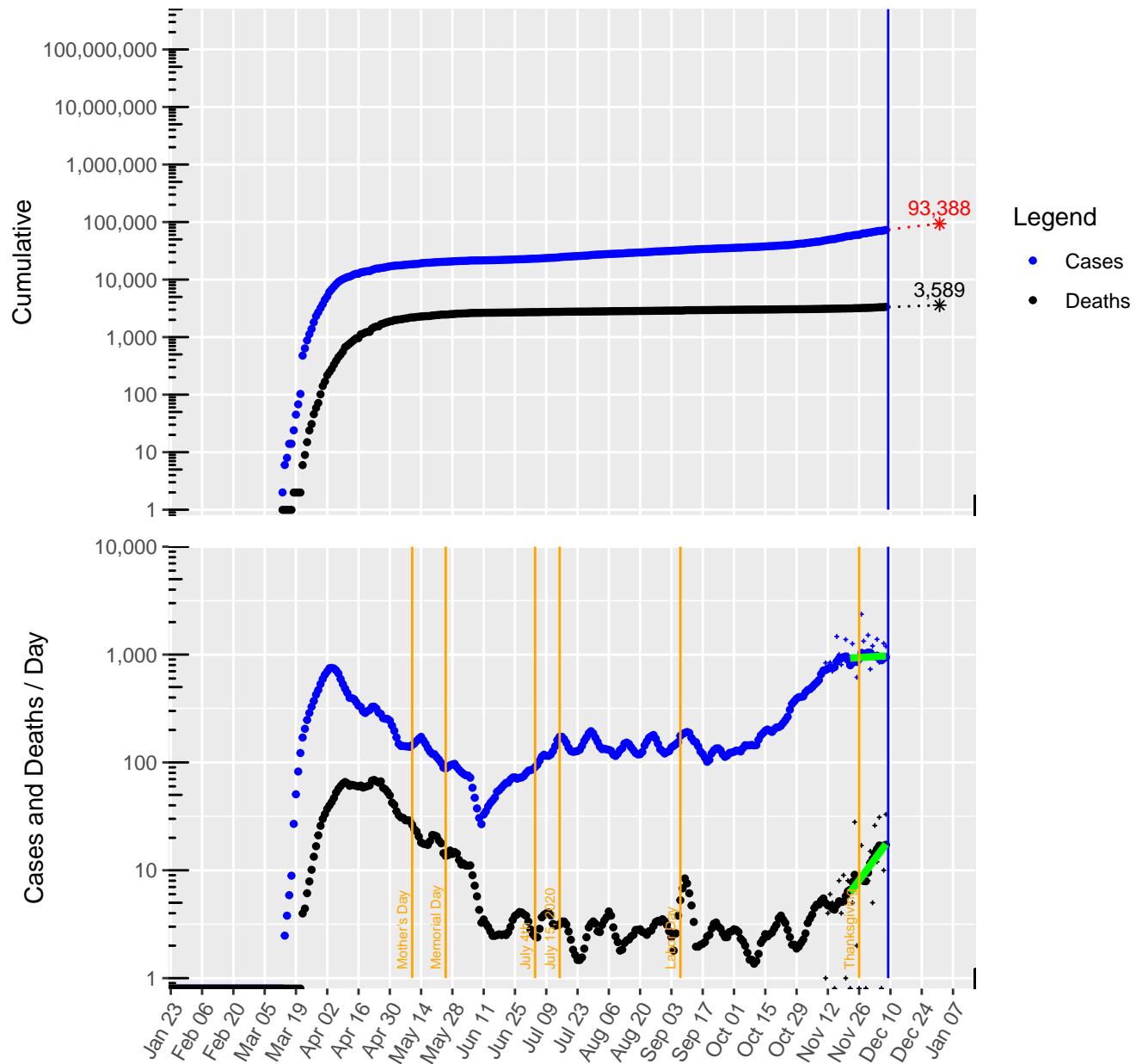


Deaths: 1,437 (22) --- Case Mortality: 2.7% --- Daily Change: -0.9% Cases, +3.4% Deaths (over 16 days)

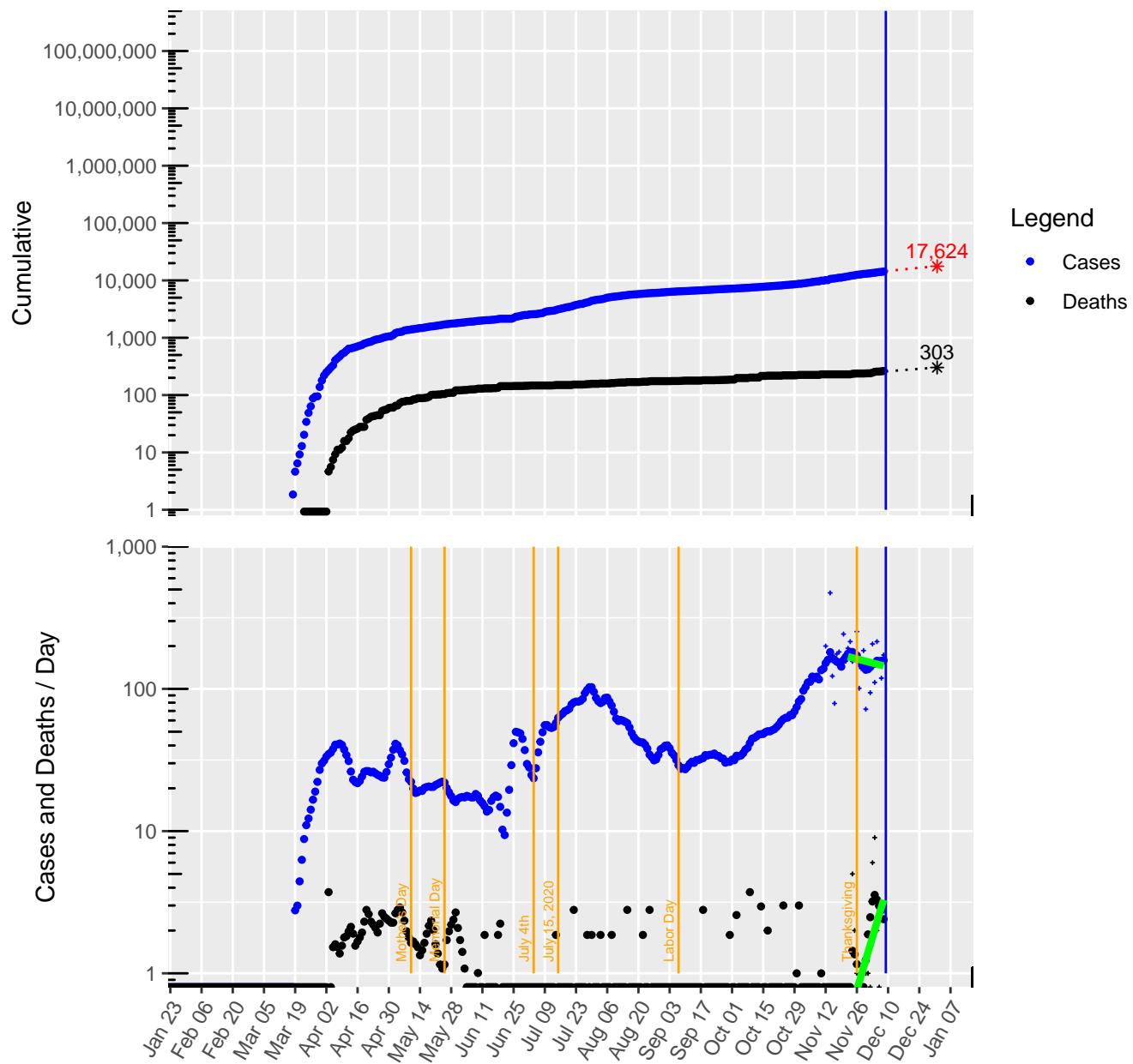
# Washtenaw County, Michigan (Ann Arbor) projection as of 2020-12-09



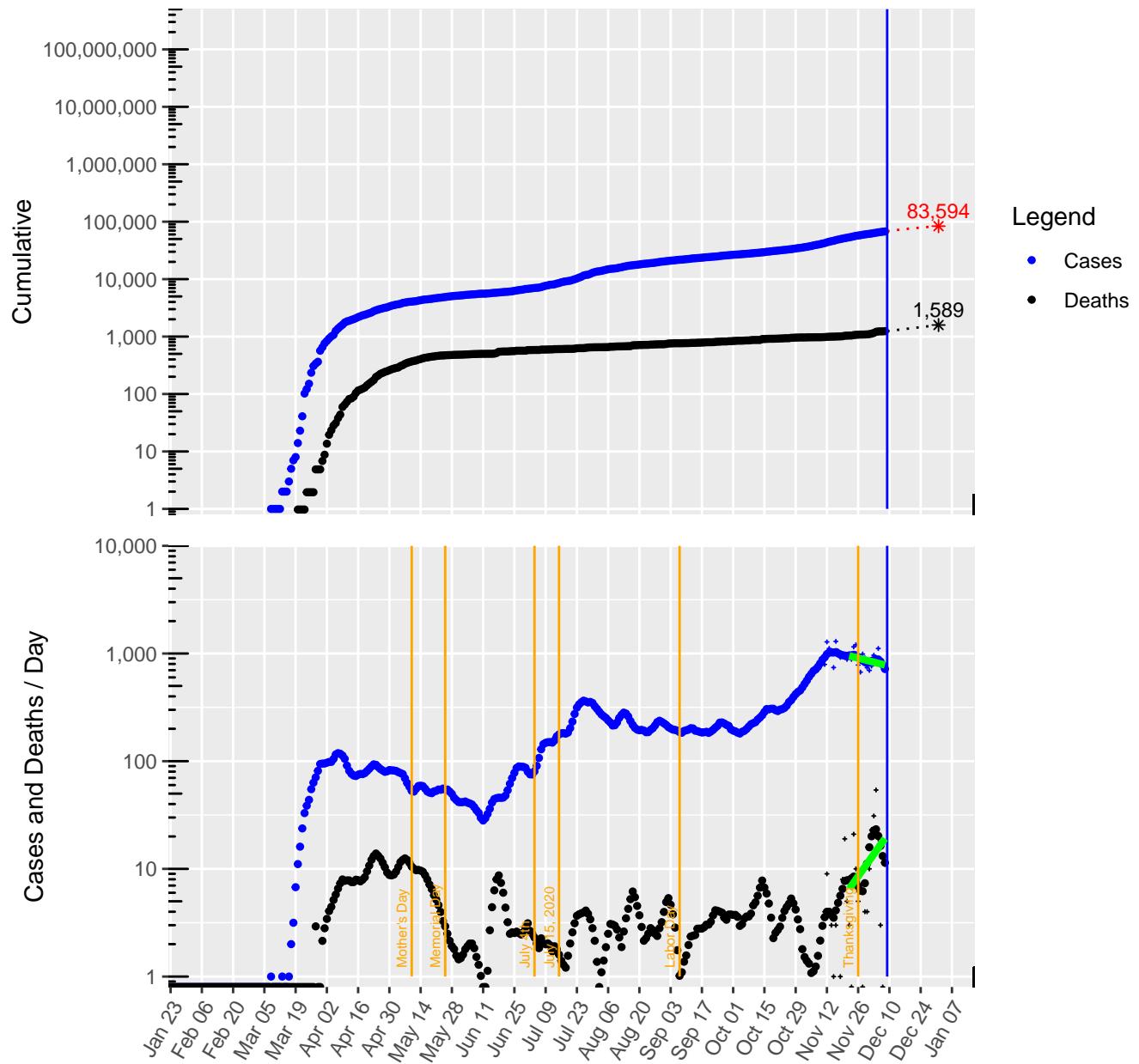
# Wayne County (Detroit) projection as of 2020-12-09



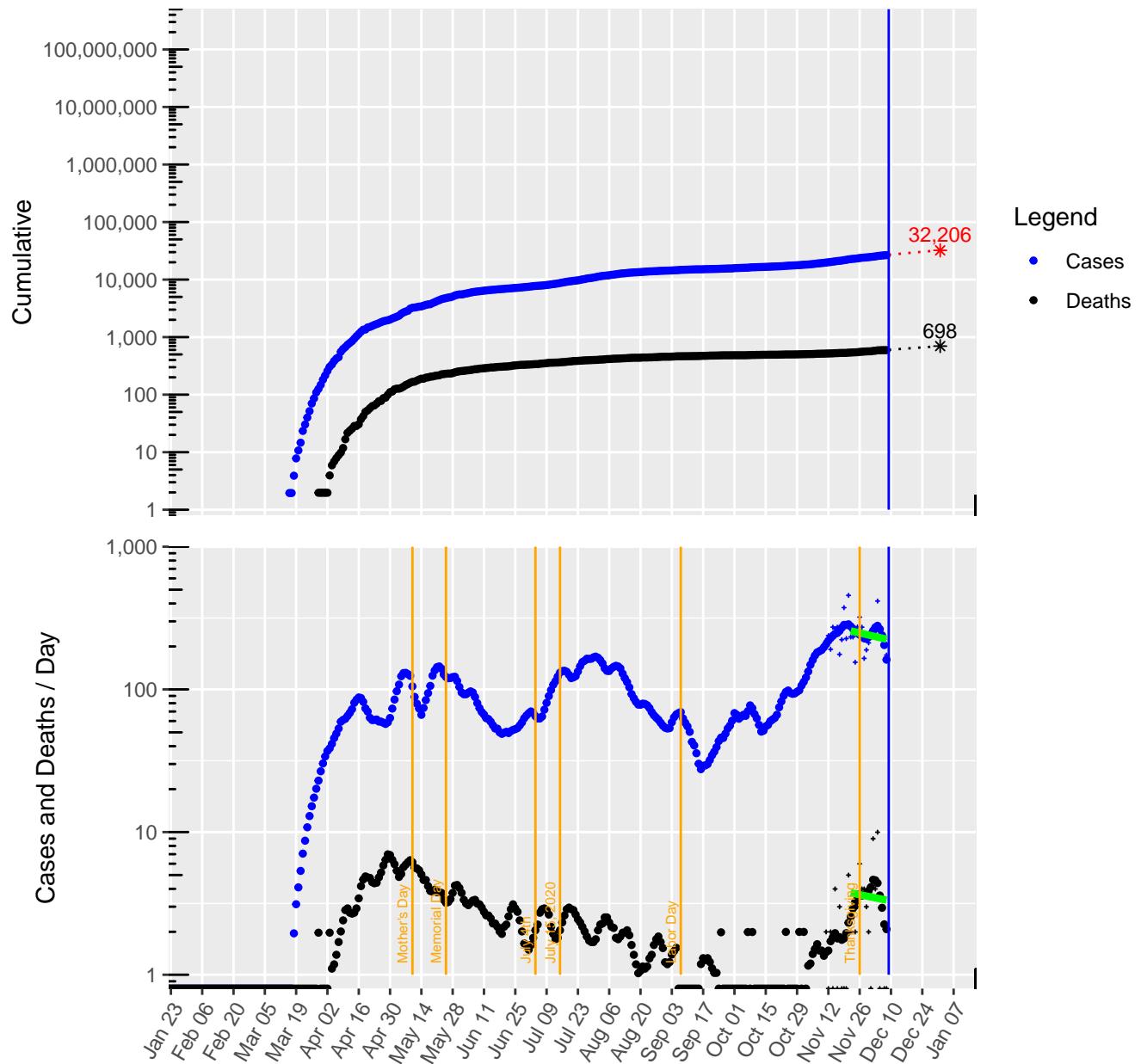
# St. Louis (City) projection as of 2020-12-09



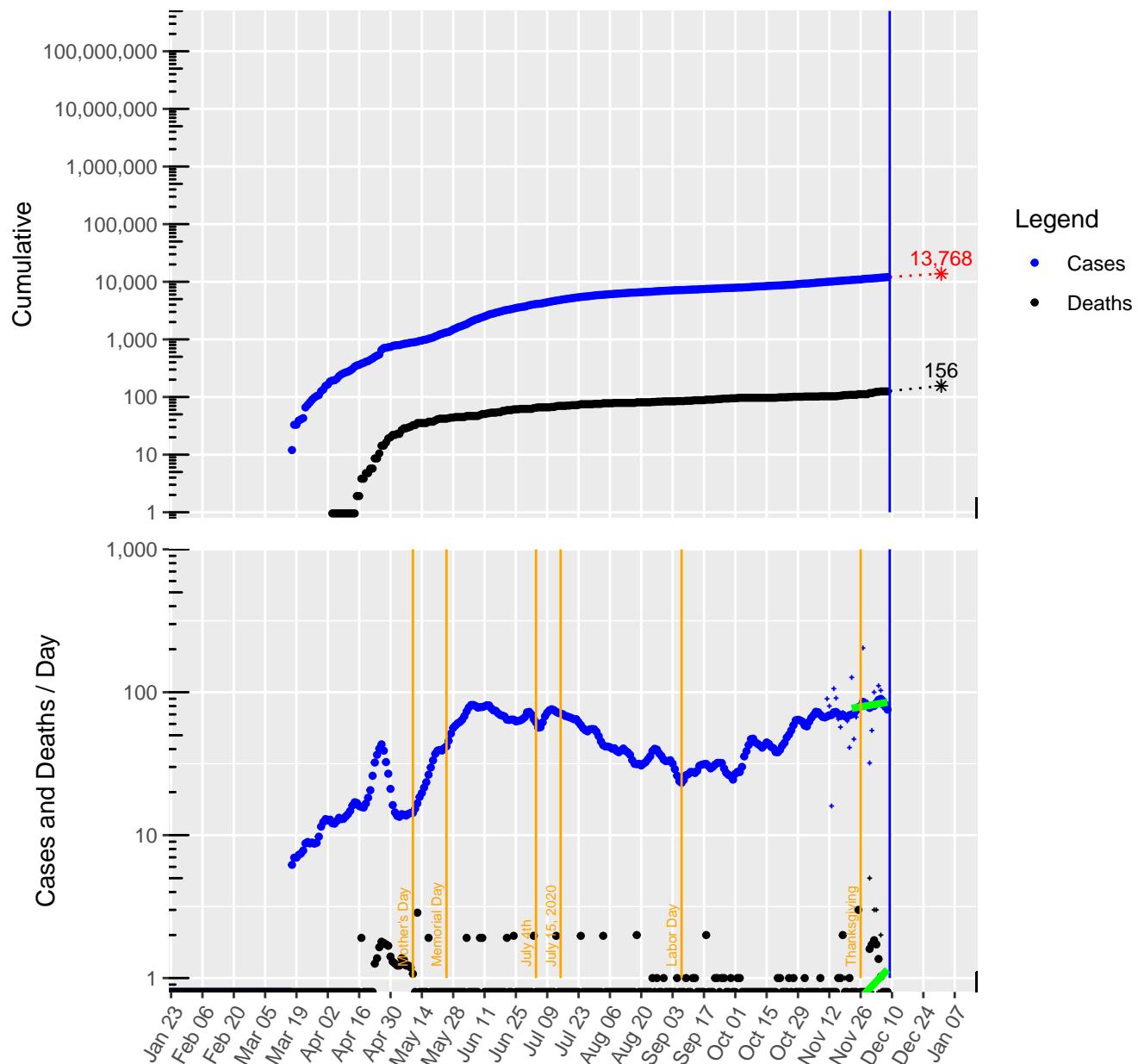
# St. Louis (County) projection as of 2020-12-09



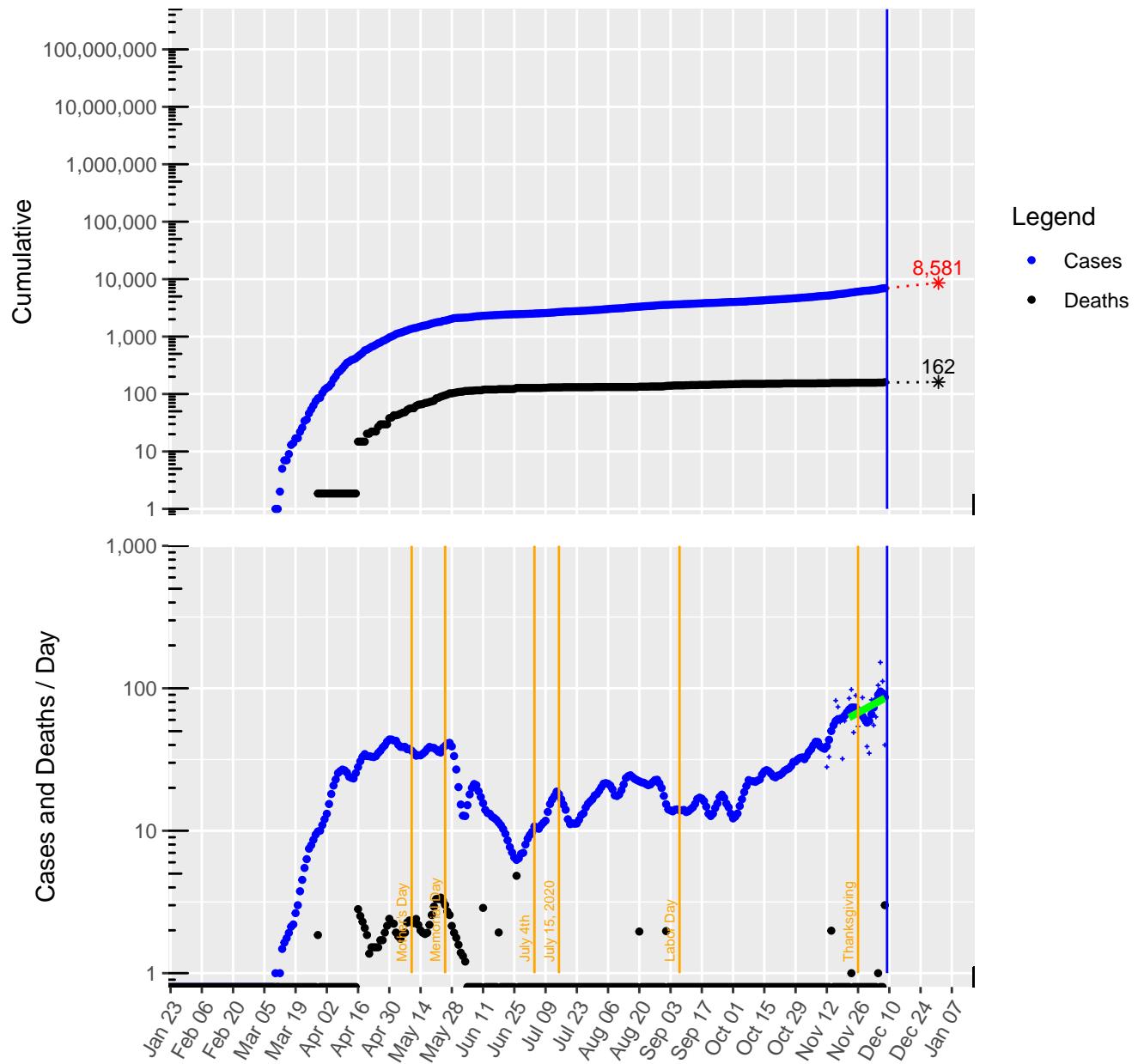
# Baltimore (City) projection as of 2020-12-09



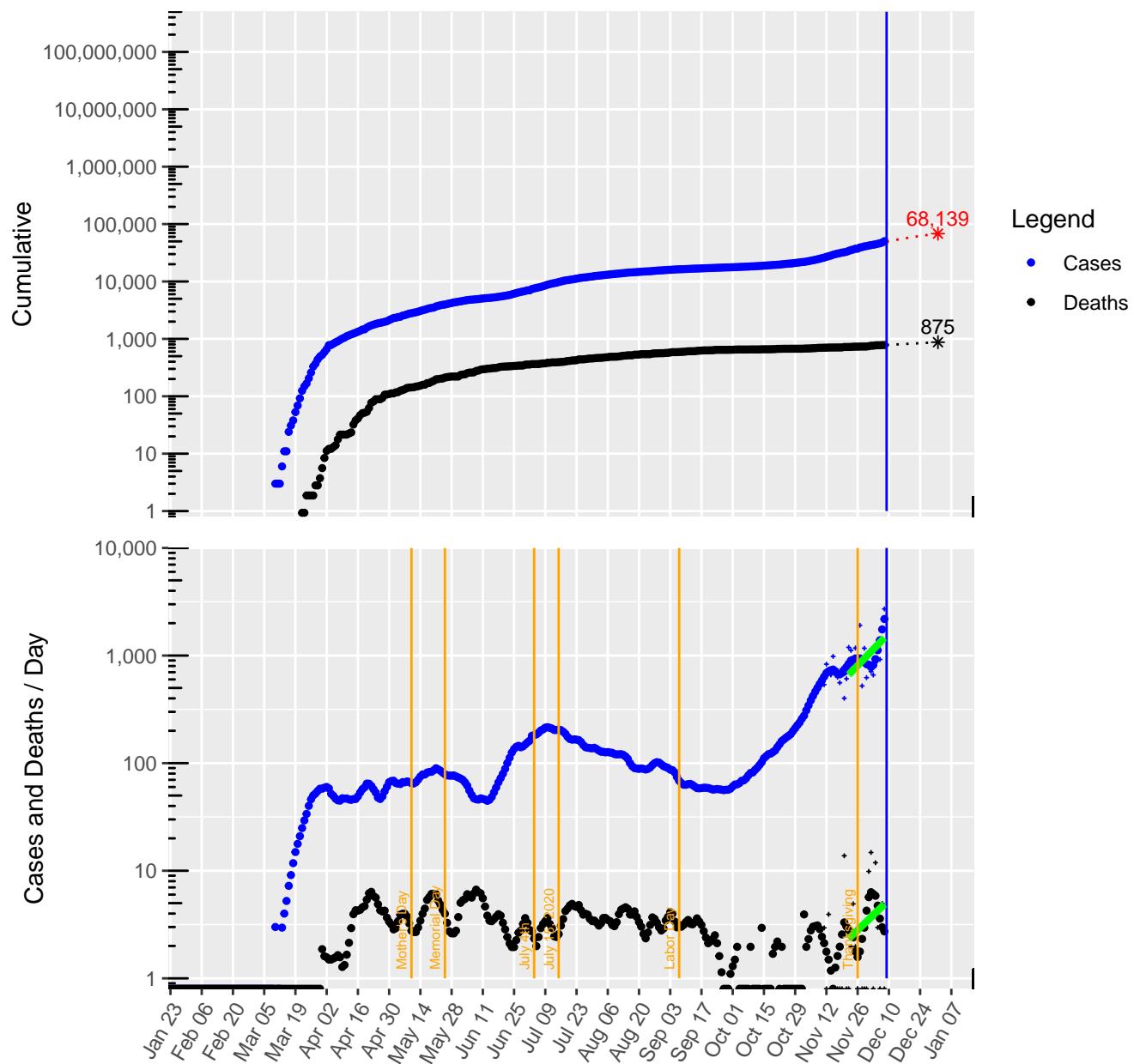
# Durham County, North Carolina projection as of 2020-12-09



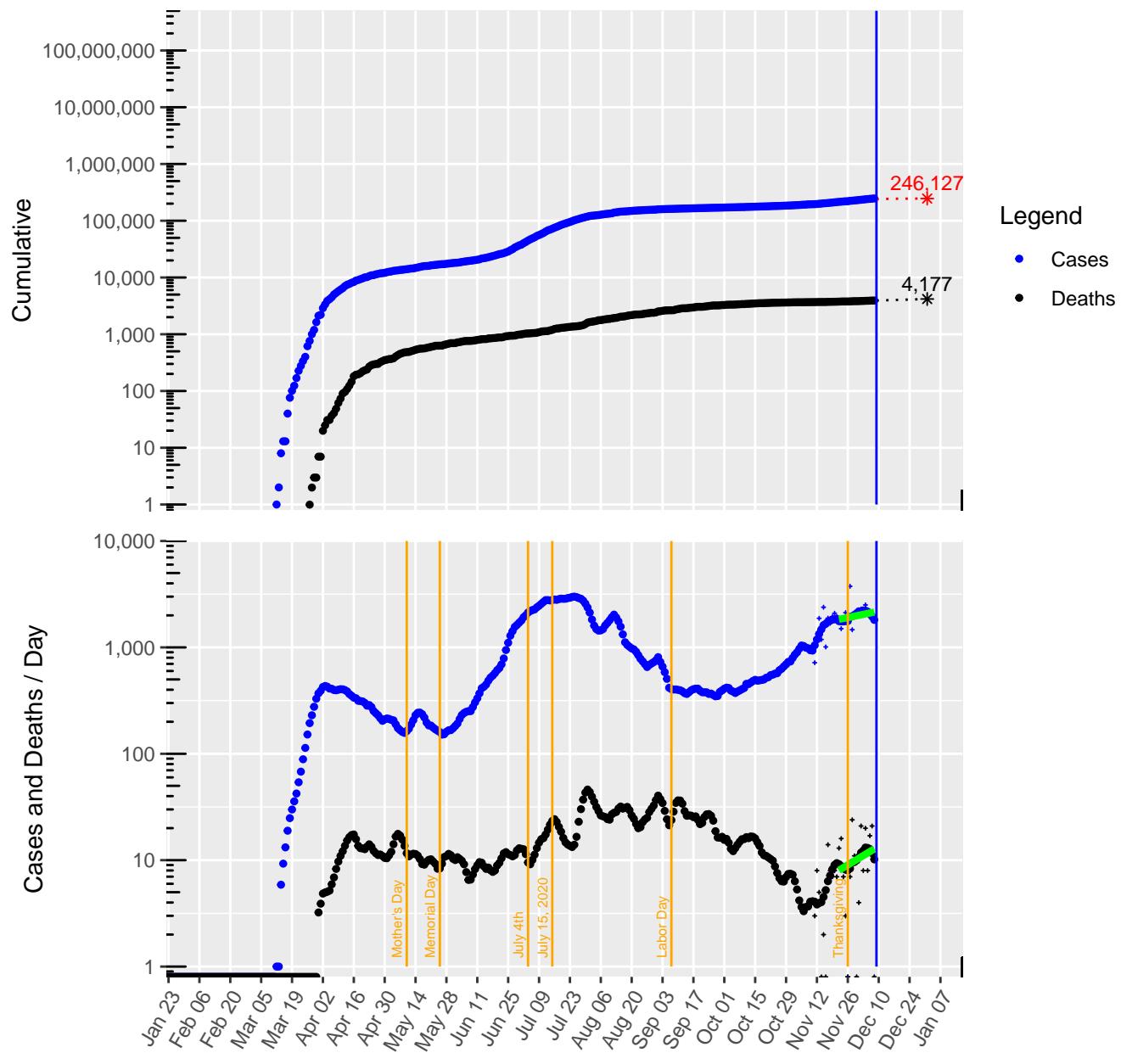
# Arlington County, Virginia projection as of 2020-12-09



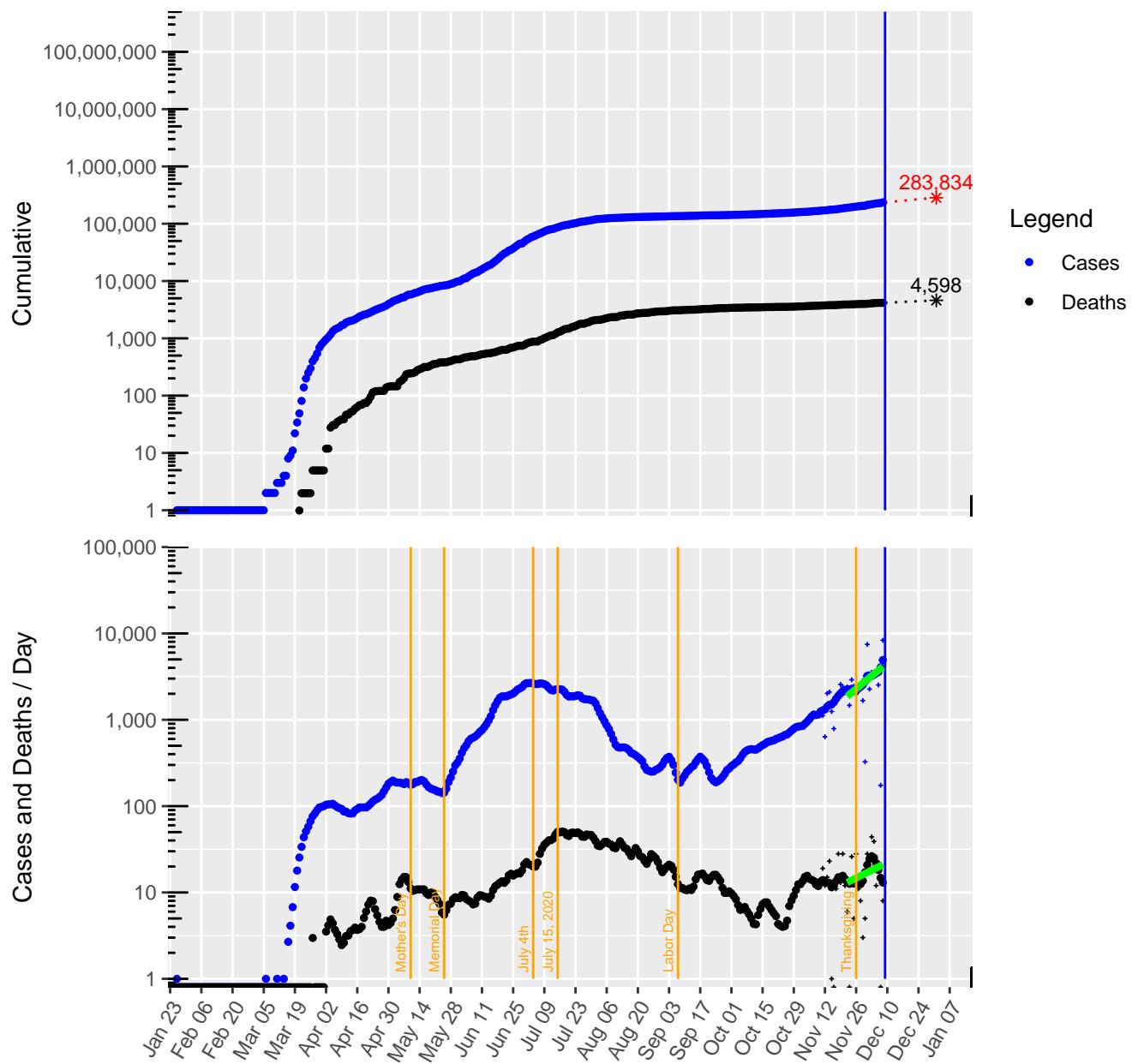
# Cuyahoga County (Cleveland) projection as of 2020-12-09



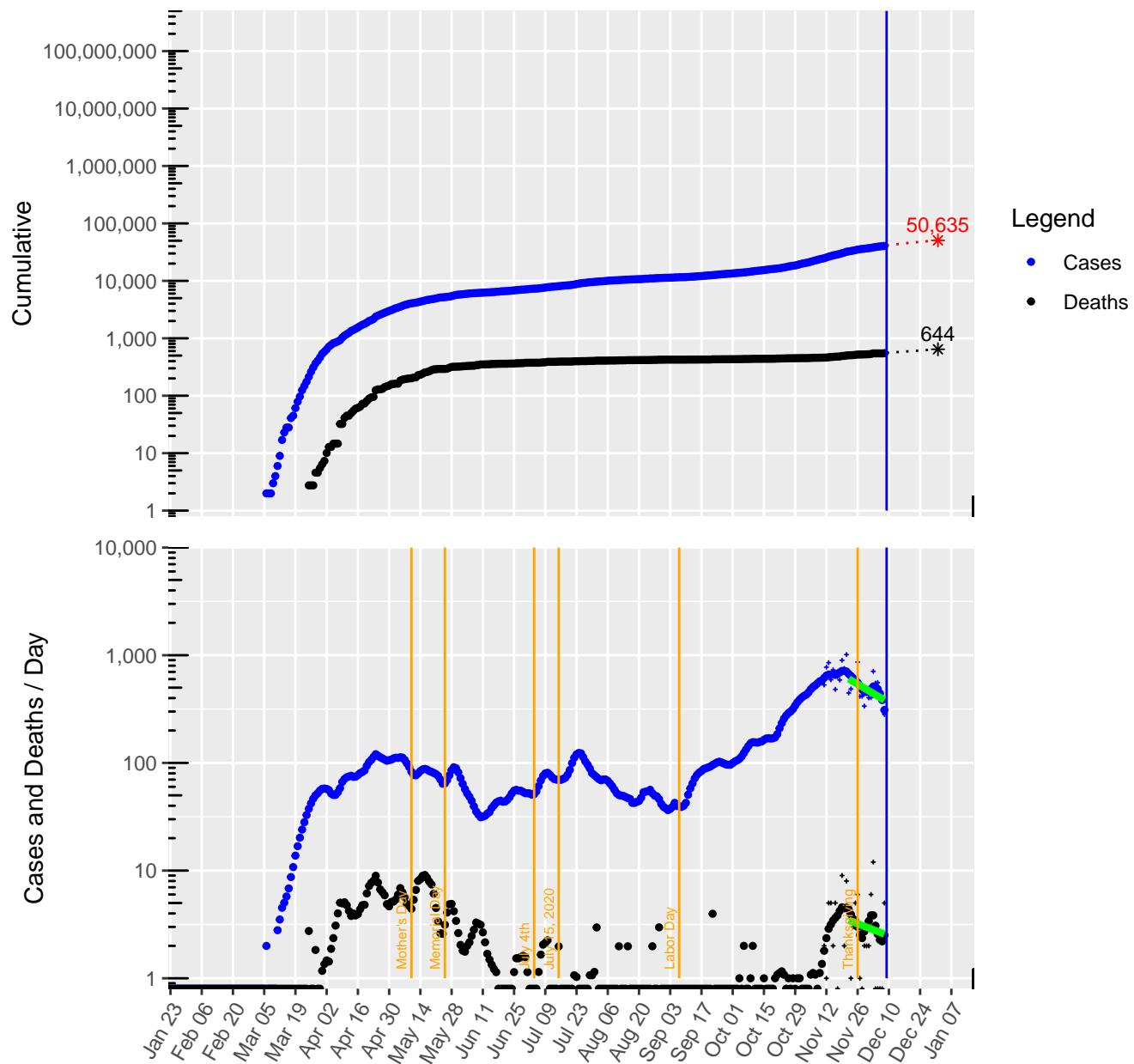
# Miami–Dade projection as of 2020–12–09



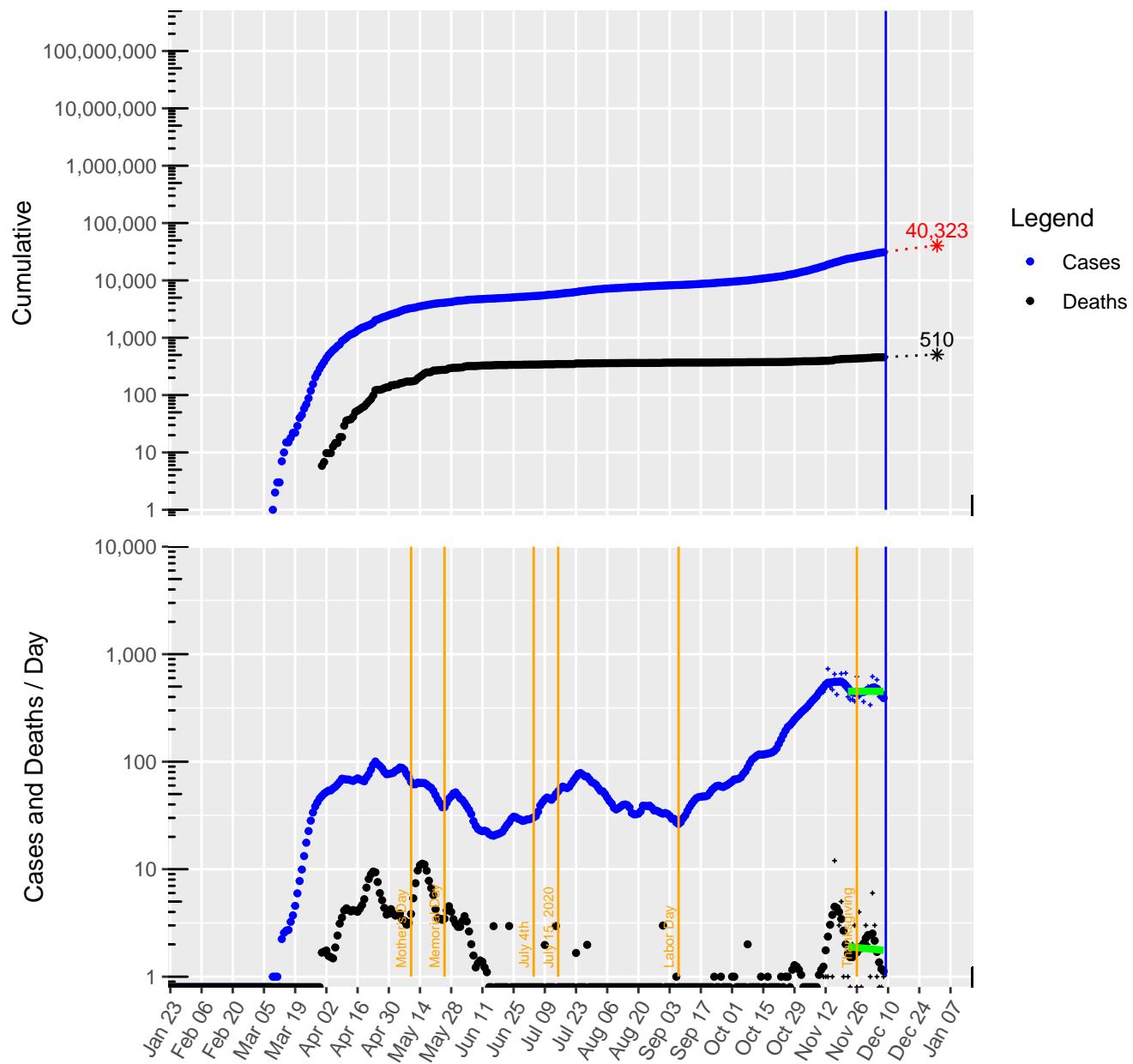
# Maricopa County, Arizona projection as of 2020-12-09



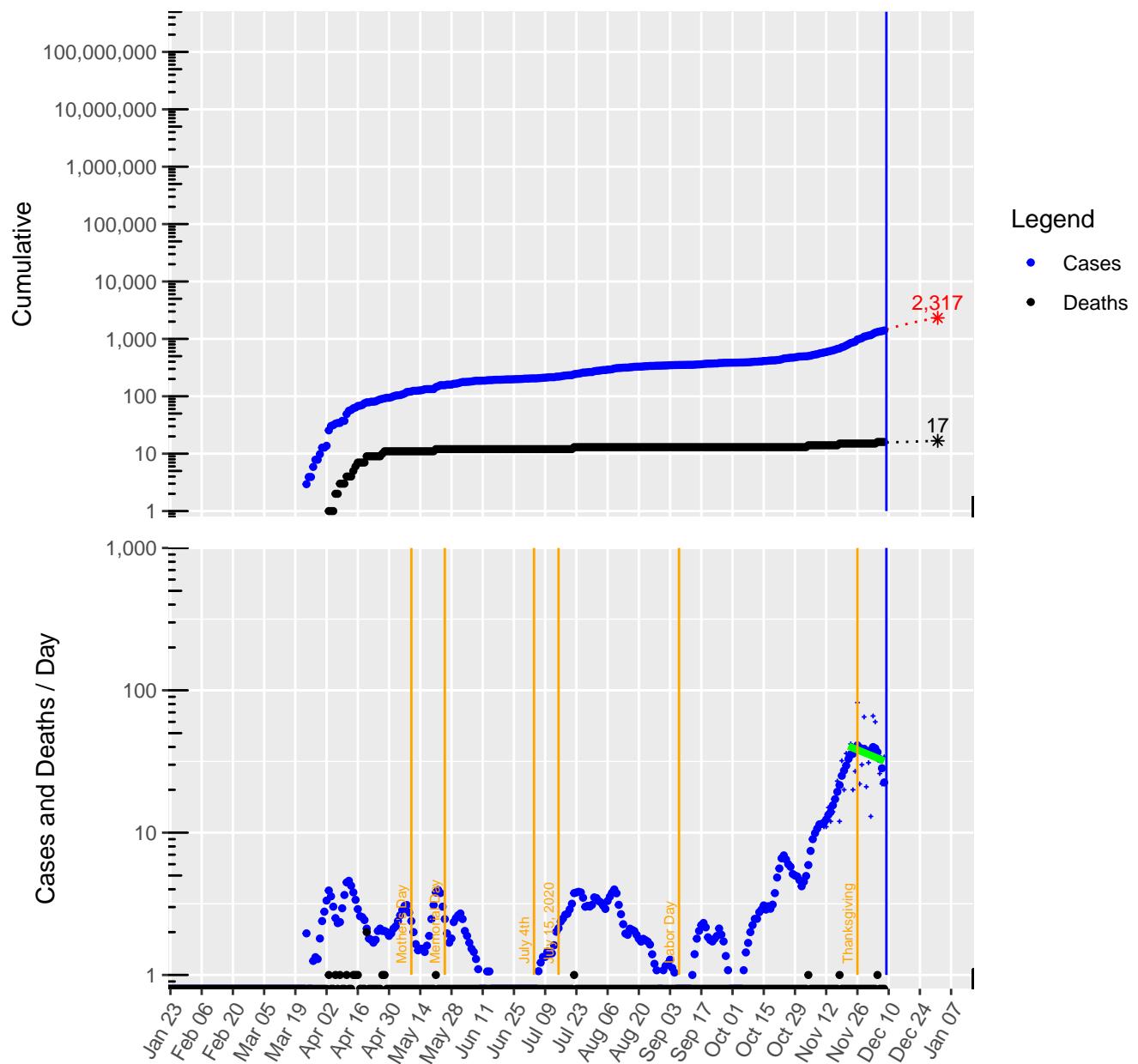
# Denver County projection as of 2020-12-09



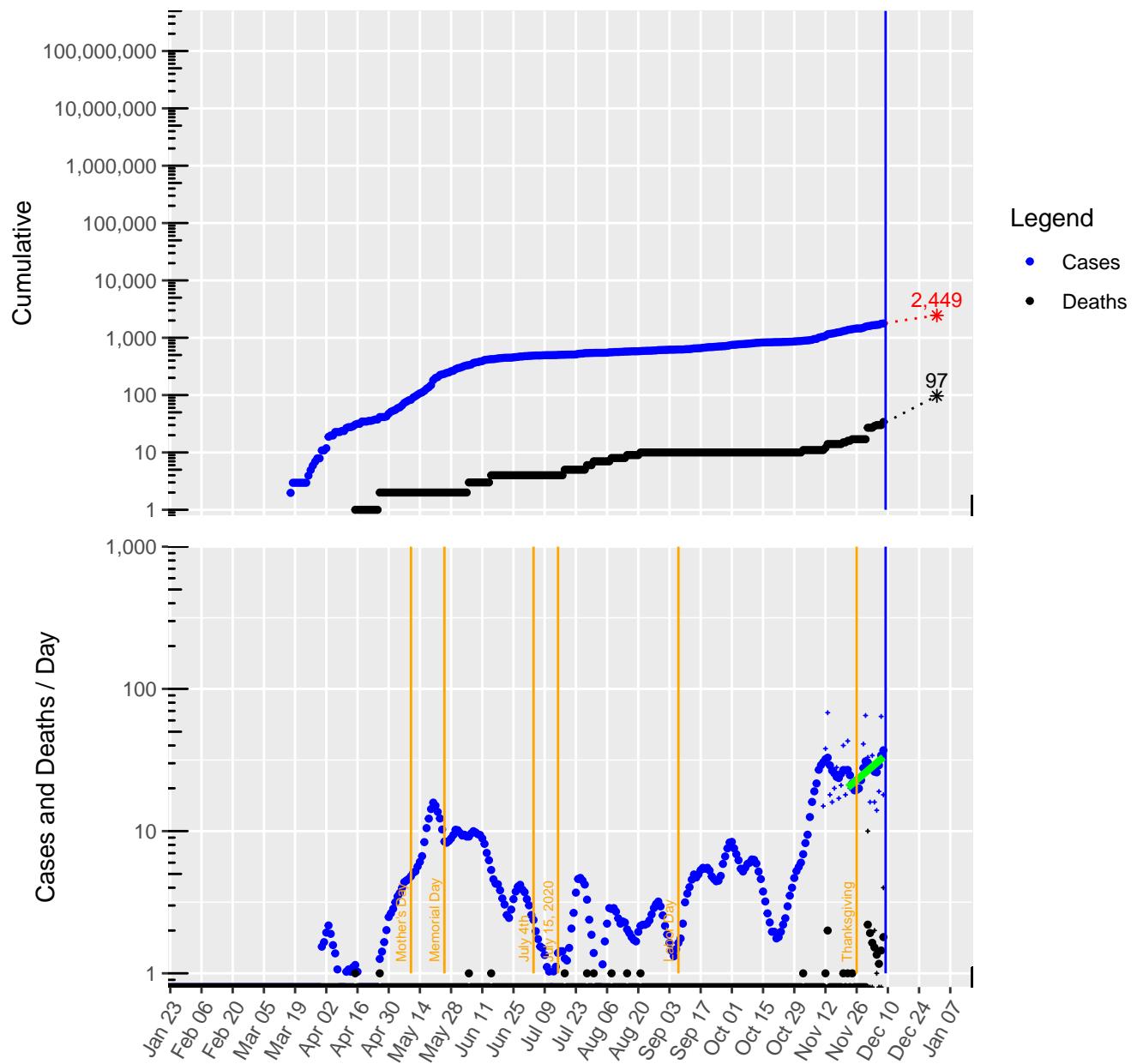
# Arapahoe County, Colorado projection as of 2020-12-09



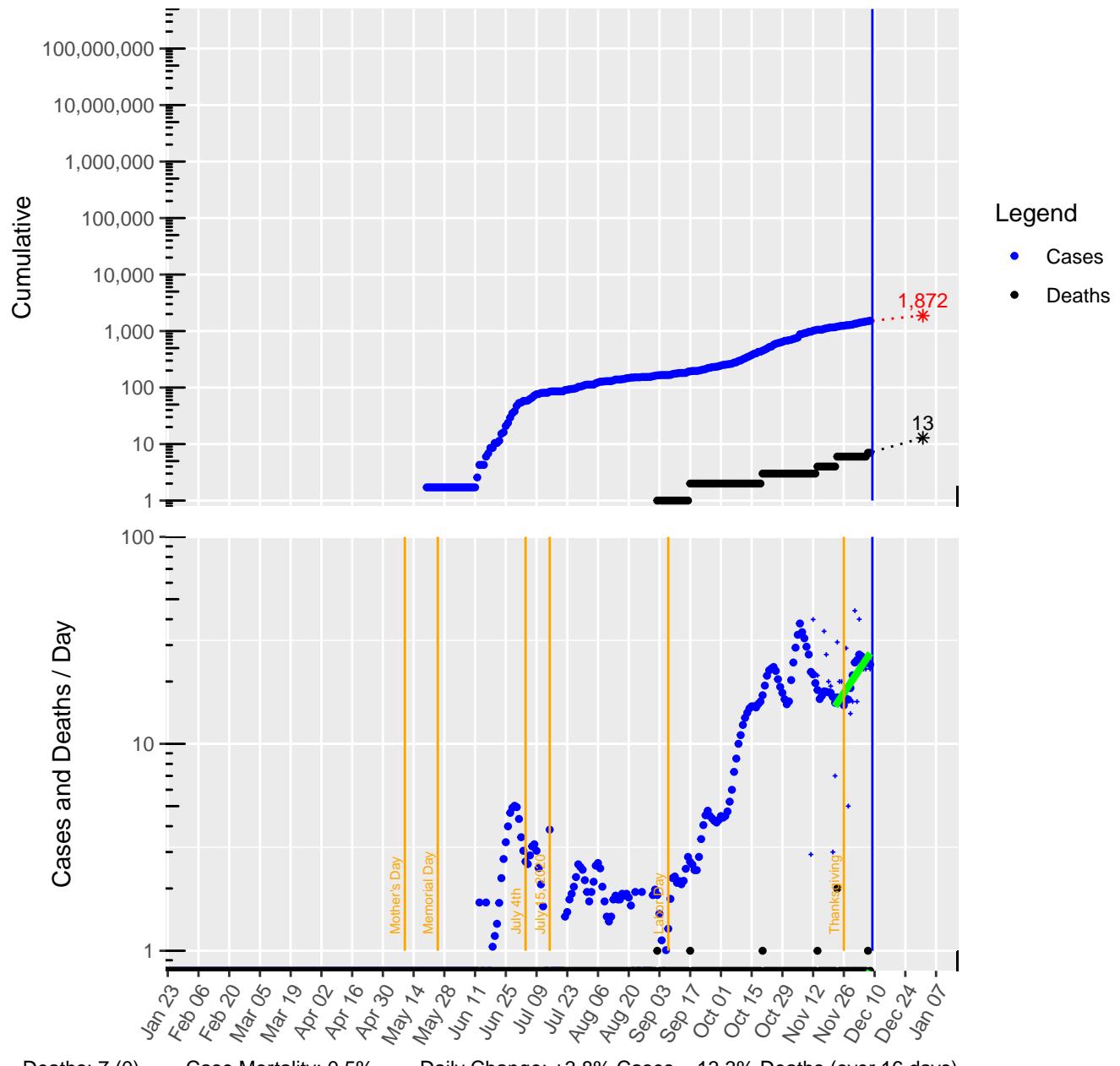
# Montrose County, Colorado projection as of 2020-12-09



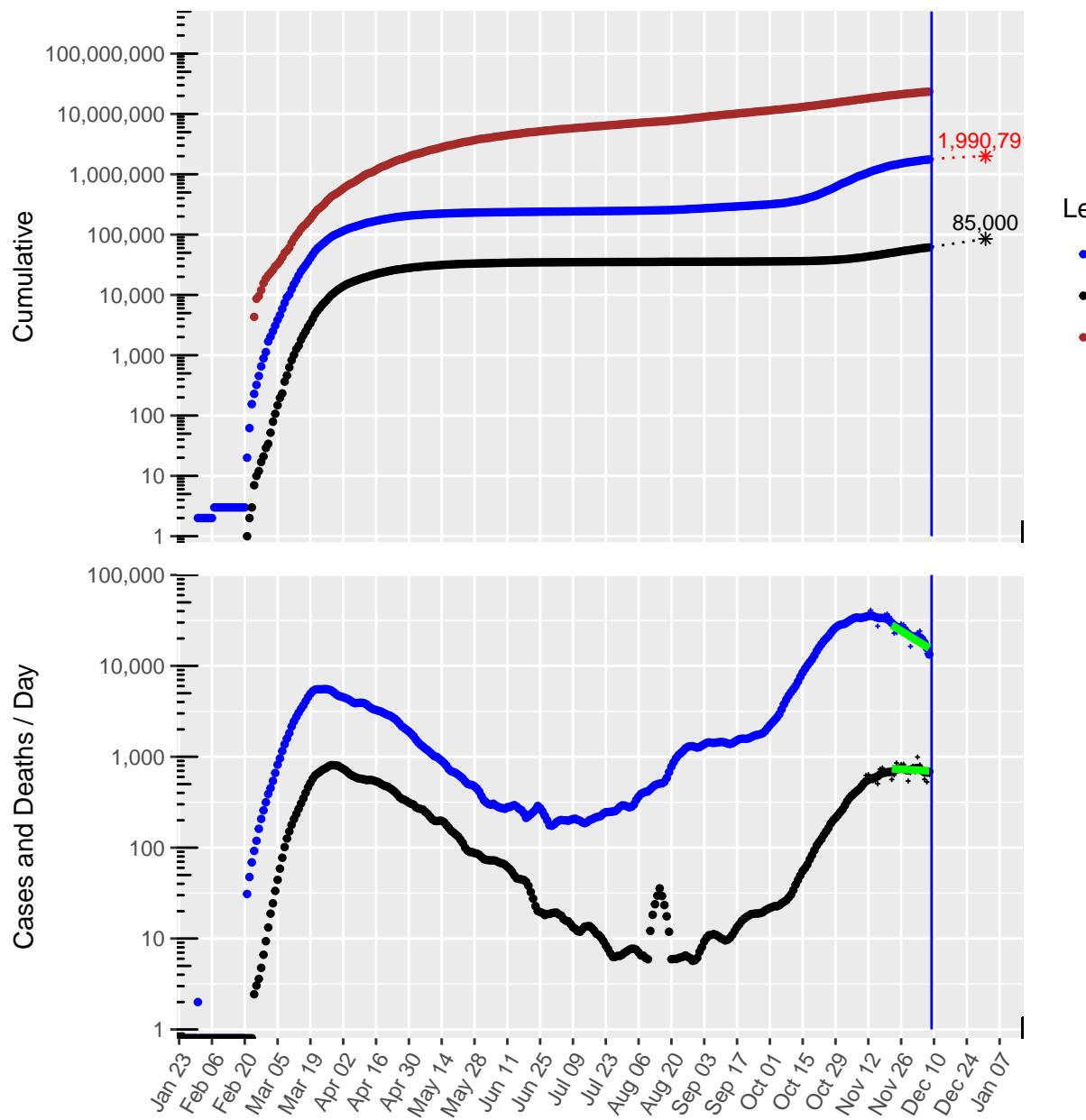
# Androscoggin County, Maine projection as of 2020-12-09



# Park County, Wyoming projection as of 2020-12-09

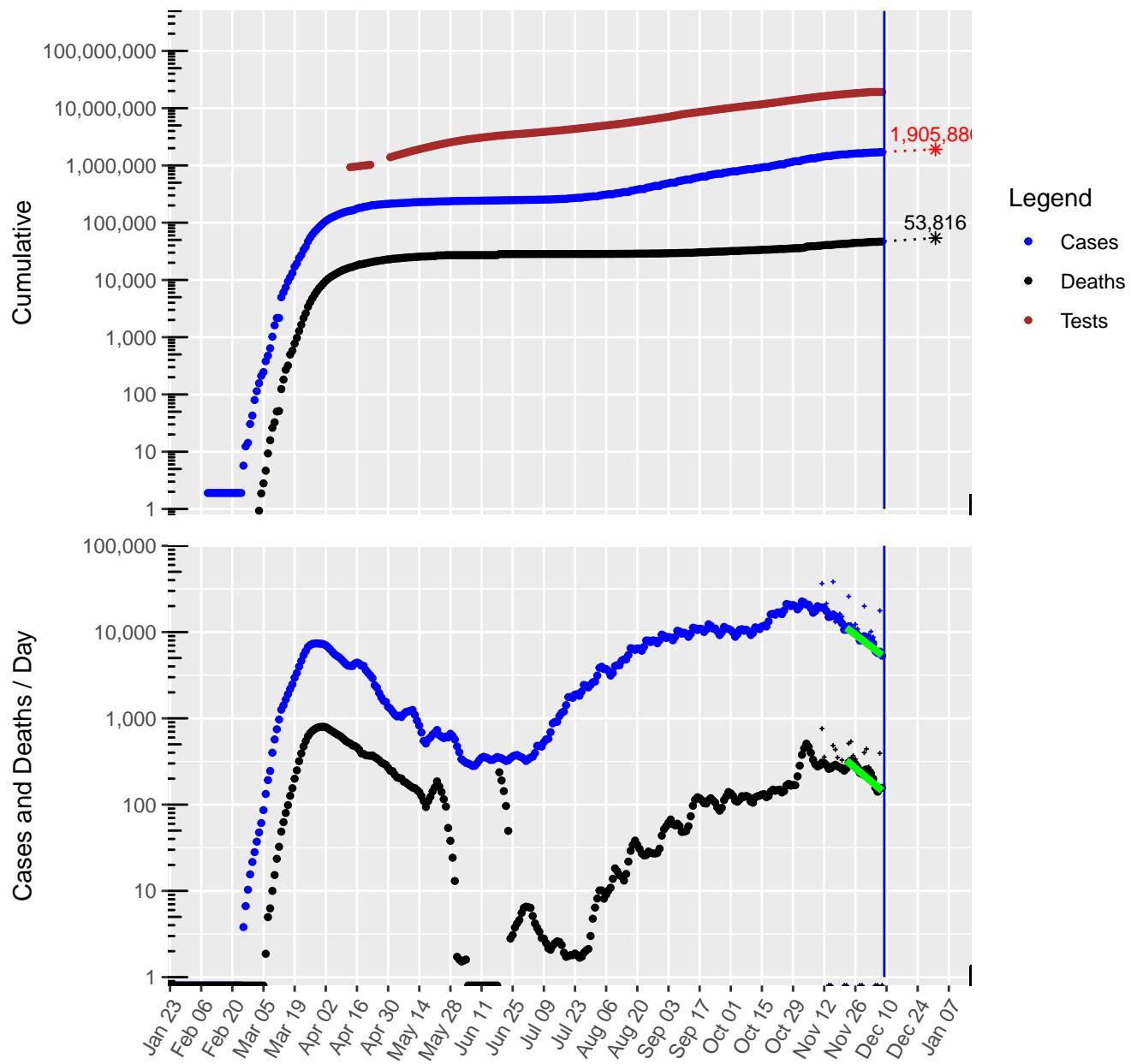


# Italy projection as of 2020-12-09

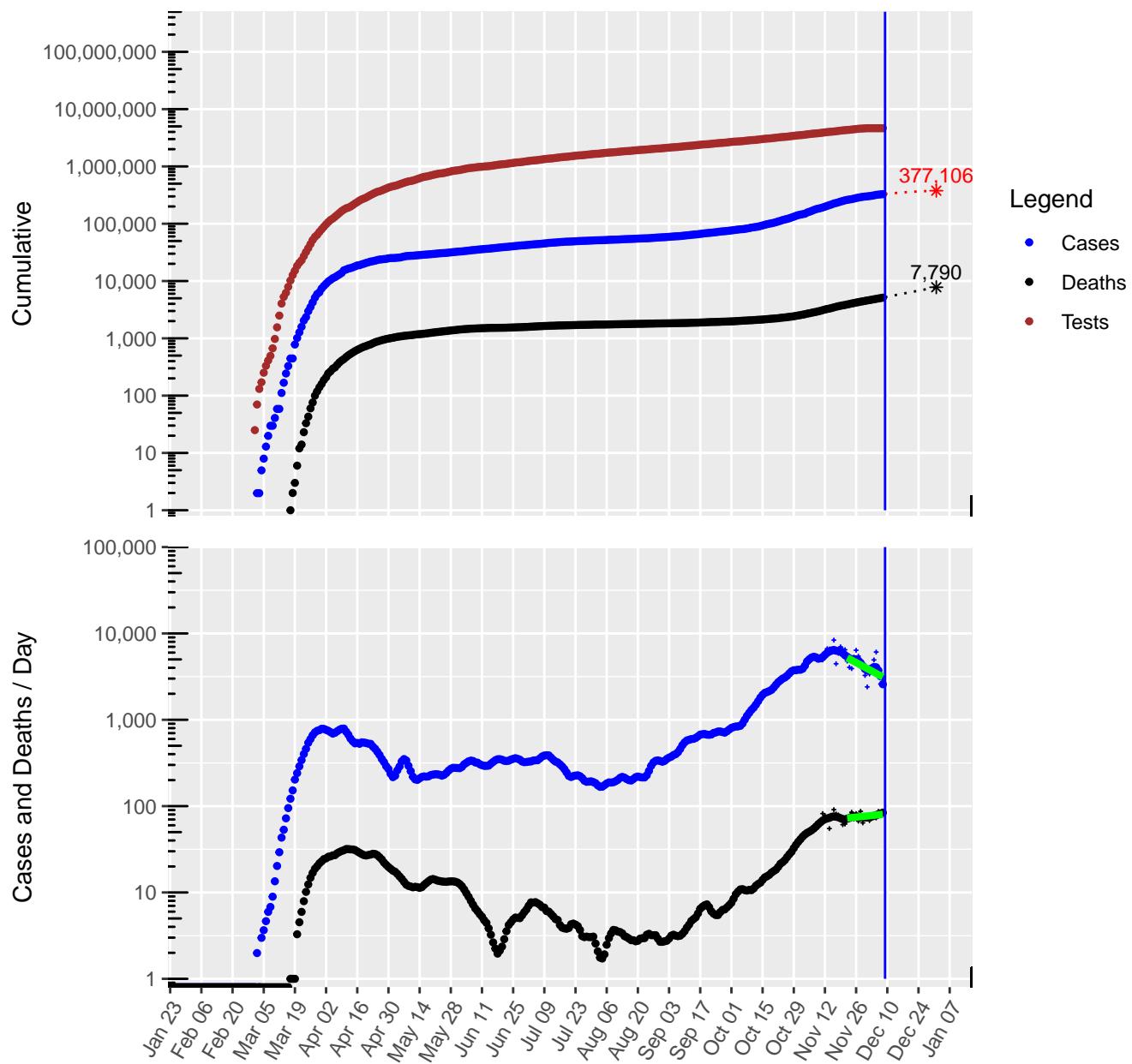


Deaths: 61,240 (634) — Case Mortality: 3.5% — Daily Change: -3.8% Cases, -0.4% Deaths (over 16 days)

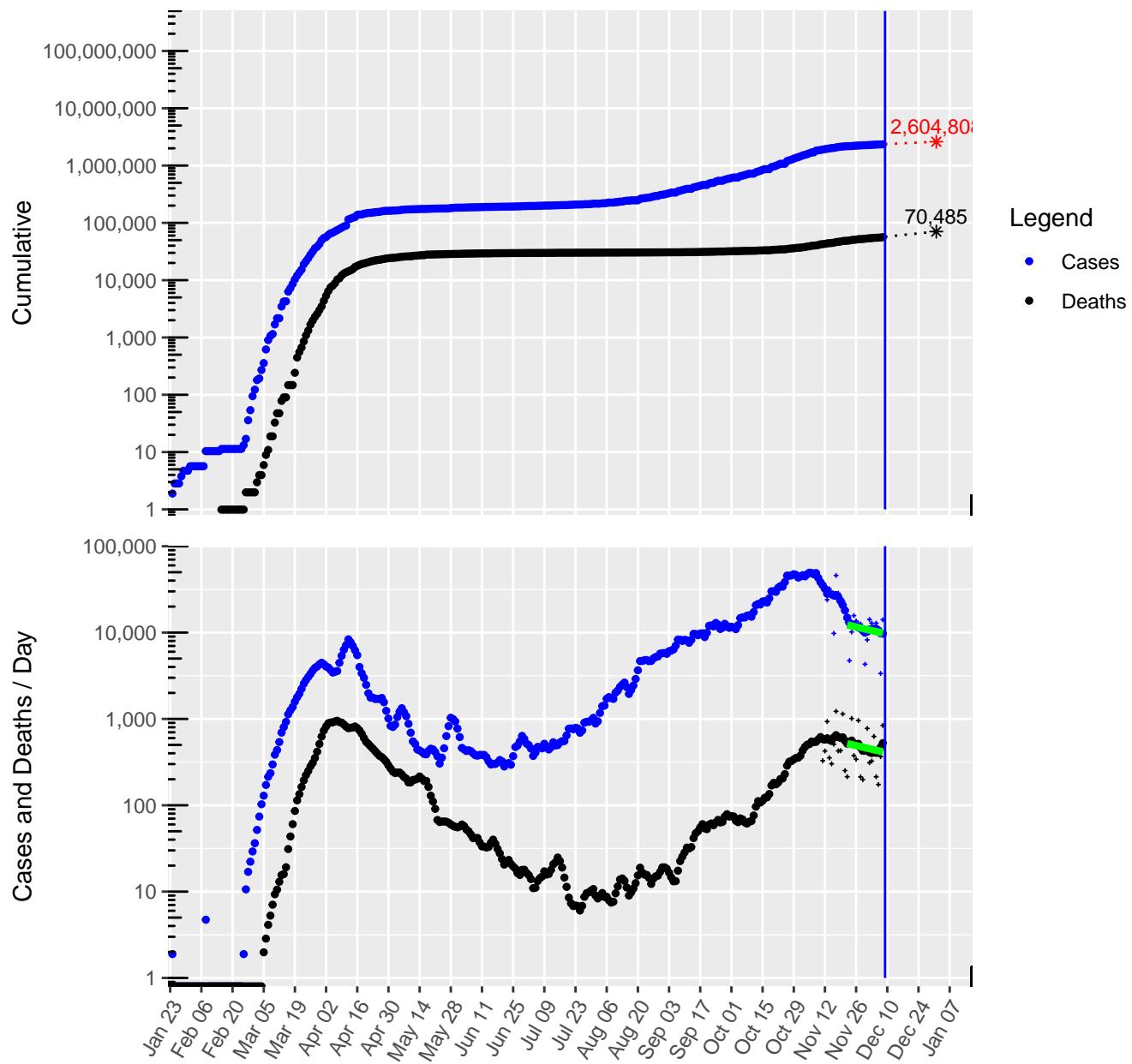
# Spain projection as of 2020-12-09



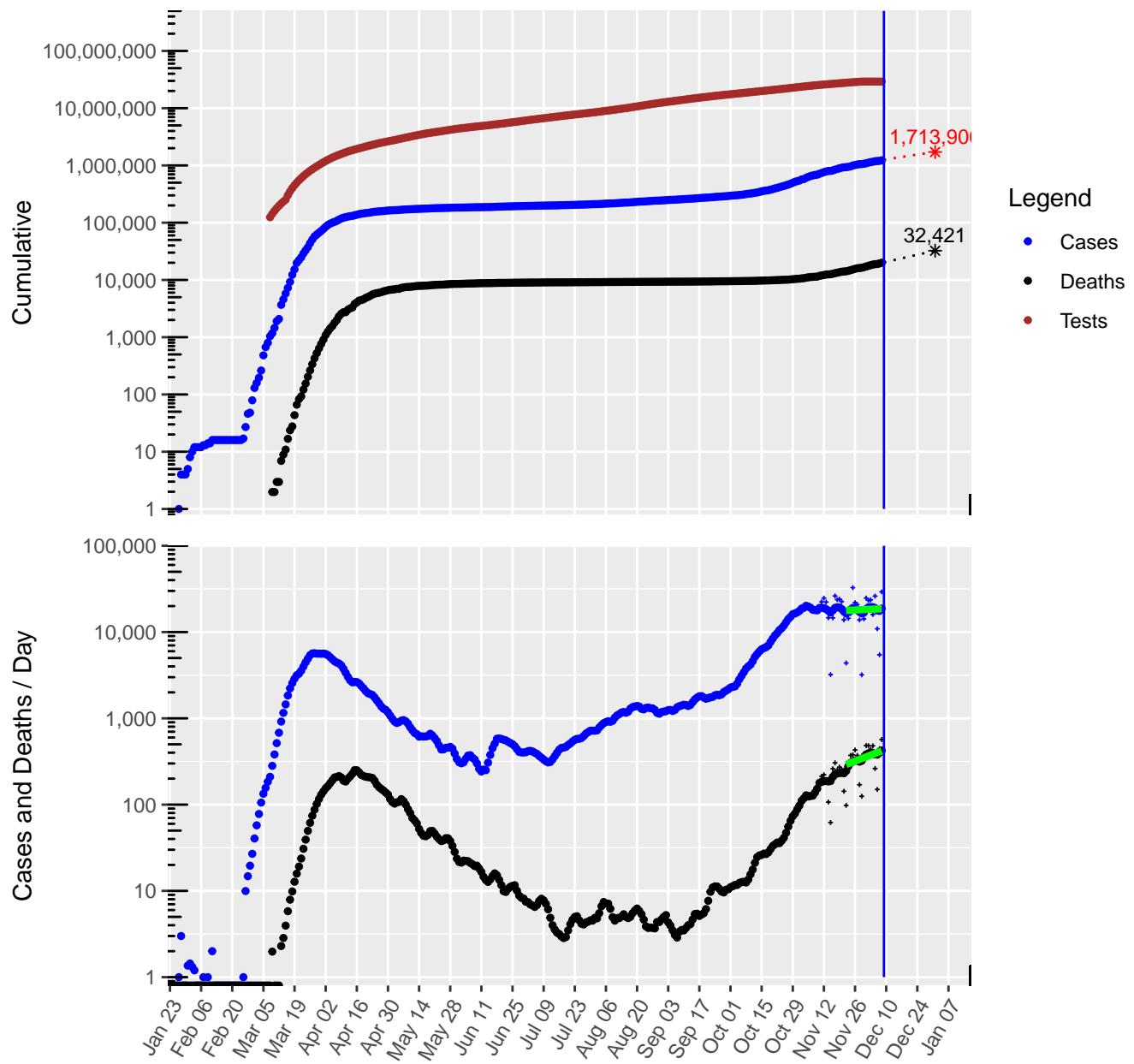
# Portugal projection as of 2020-12-09



# France projection as of 2020-12-09

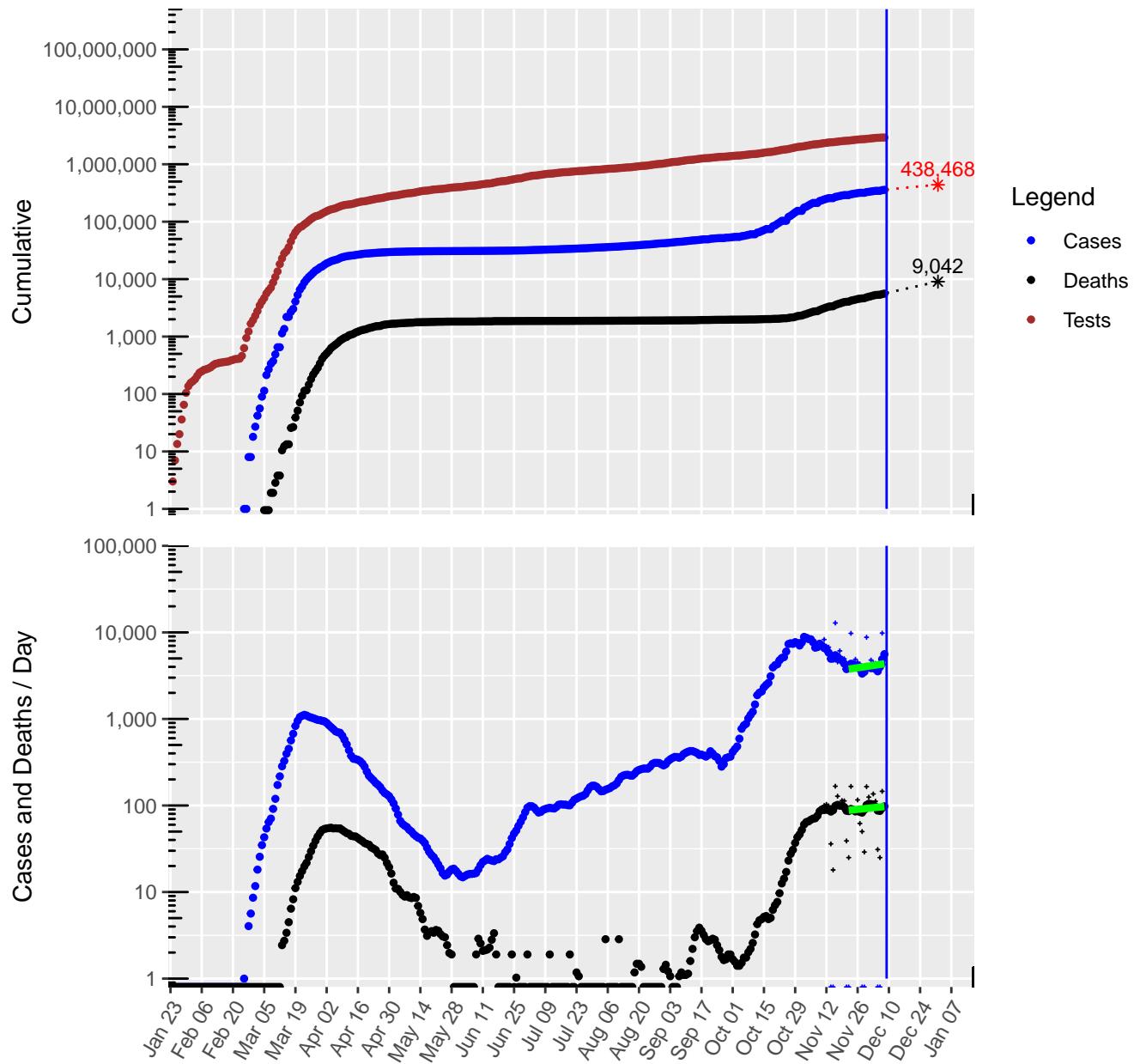


# Germany projection as of 2020-12-09

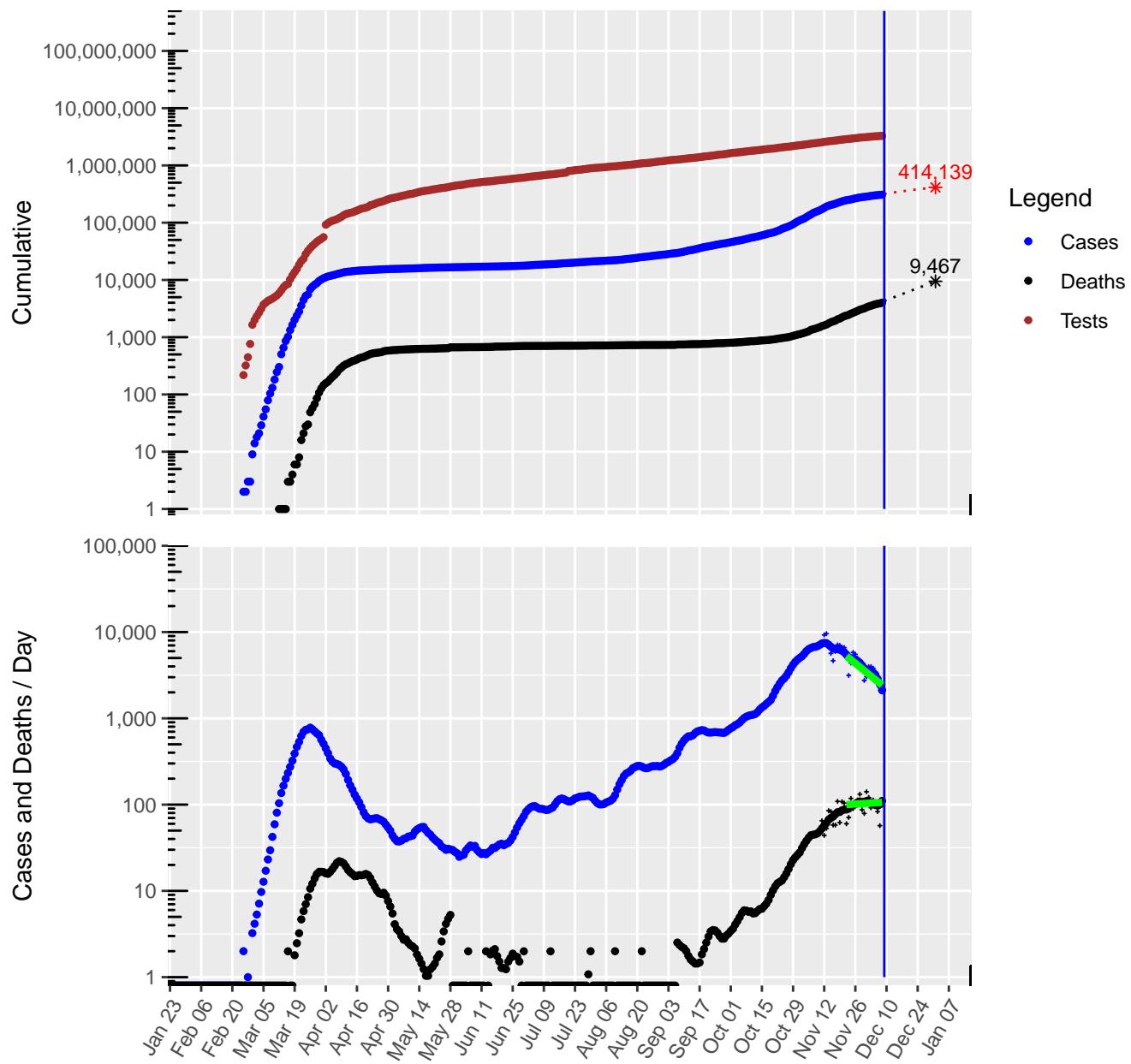


ths: 20,002 (568) — Case Mortality: 1.6% — Daily Change: +0.3% Cases, +2.4% Deaths (over 16 days)

# Switzerland projection as of 2020-12-09

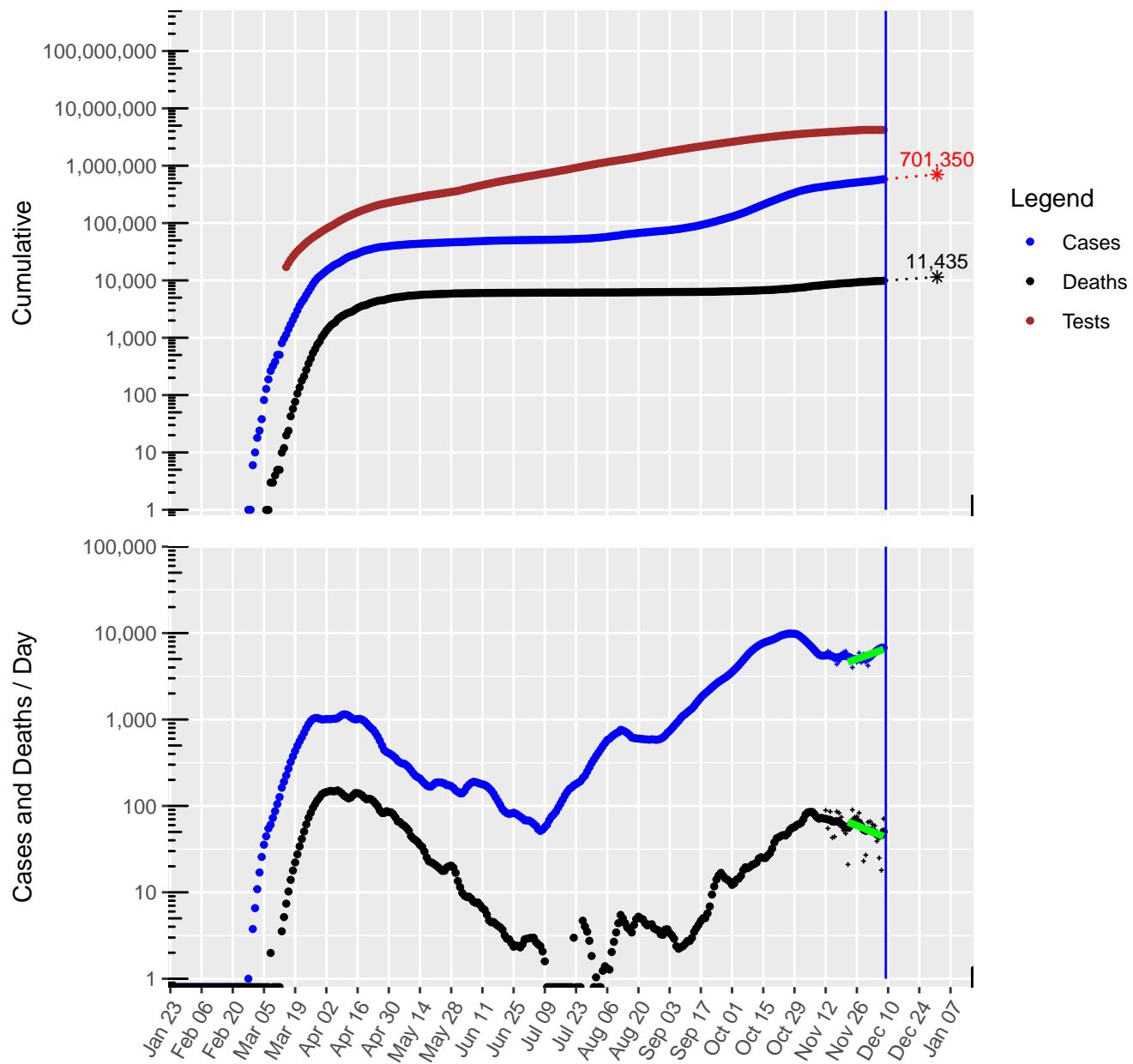


# Austria projection as of 2020-12-09

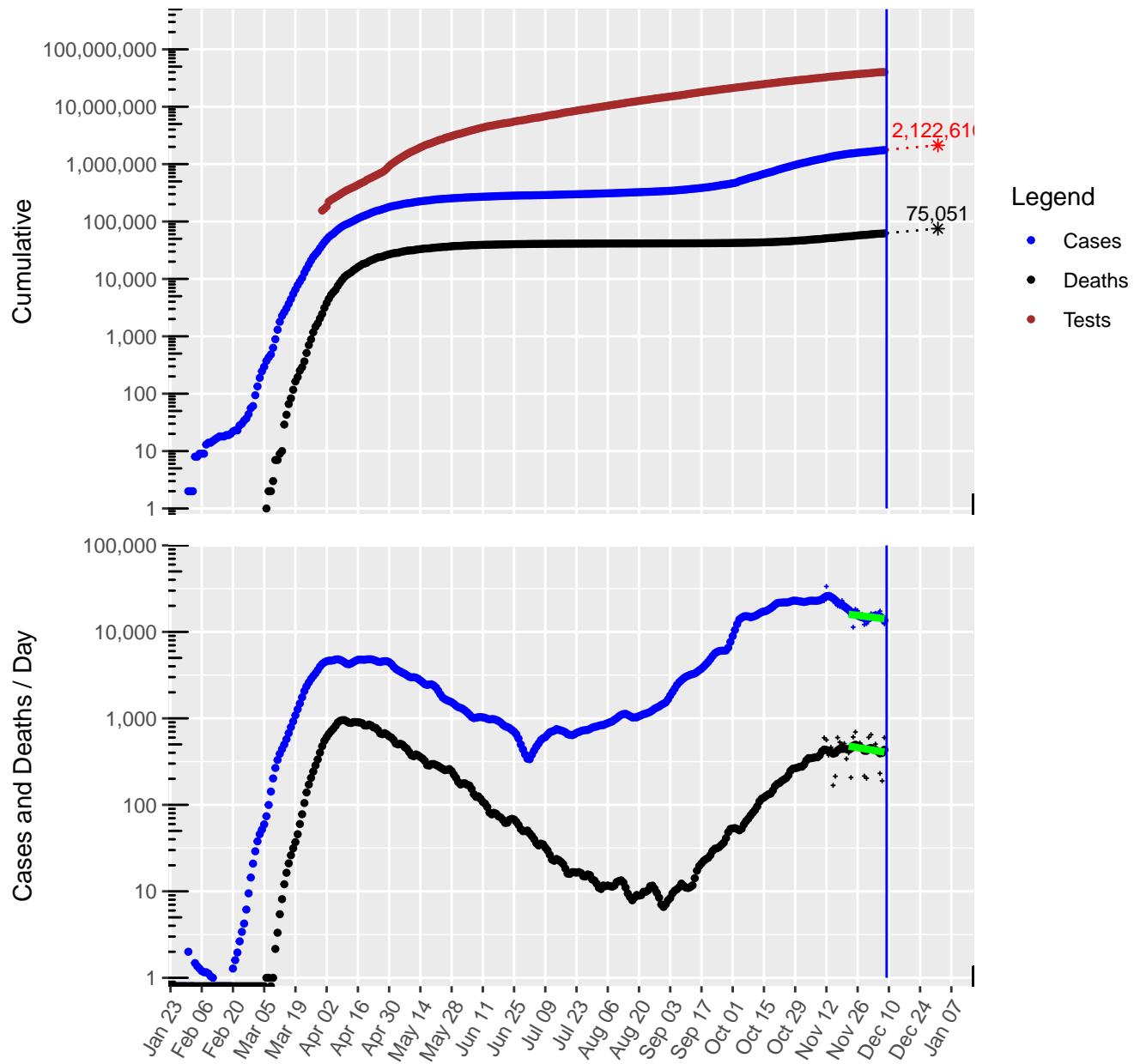


Deaths: 4,002 (105) — Case Mortality: 1.3% — Daily Change: -4.9% Cases, +0.4% Deaths (over 16 days)

# Netherlands projection as of 2020-12-09

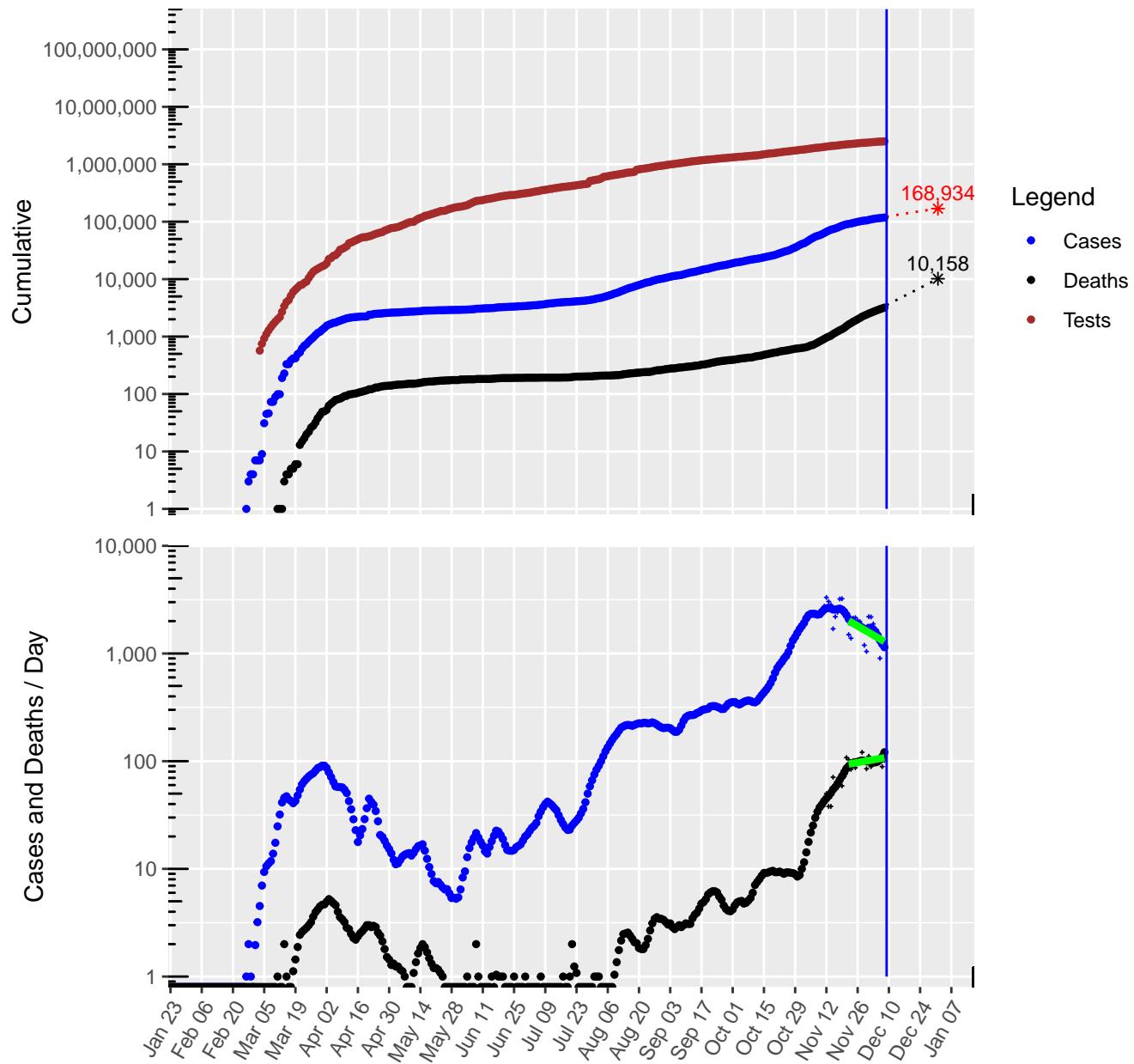


# United Kingdom projection as of 2020-12-09

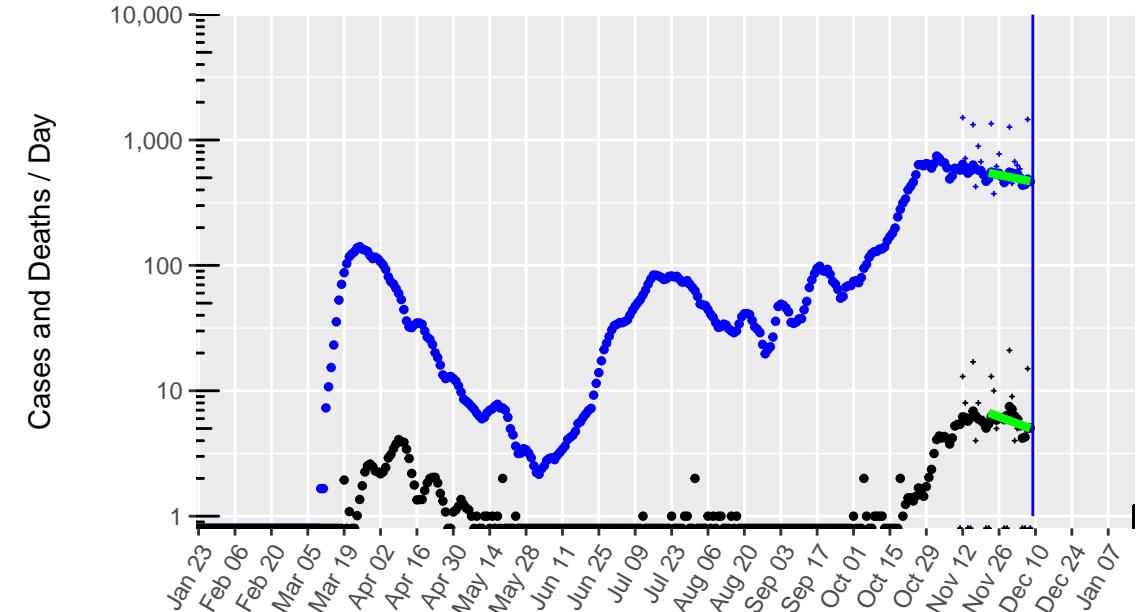
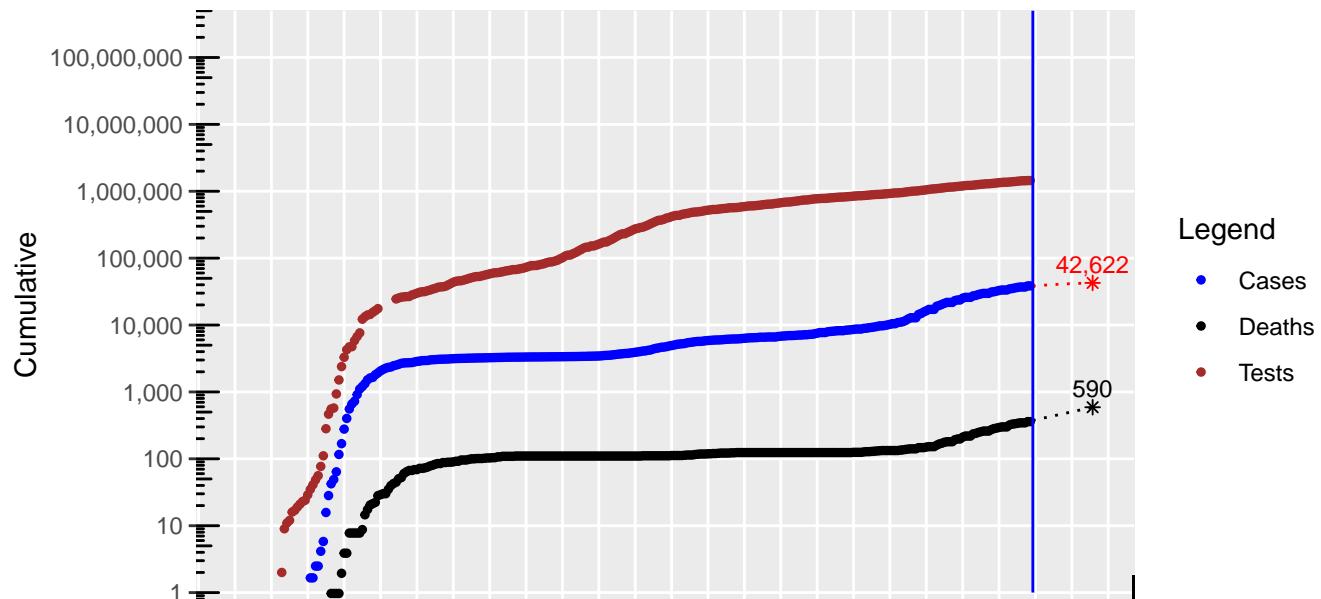


ths: 62,130 (599) --- Case Mortality: 3.5% --- Daily Change: -0.8% Cases, -1.1% Deaths (over 16 days)

# Greece projection as of 2020-12-09

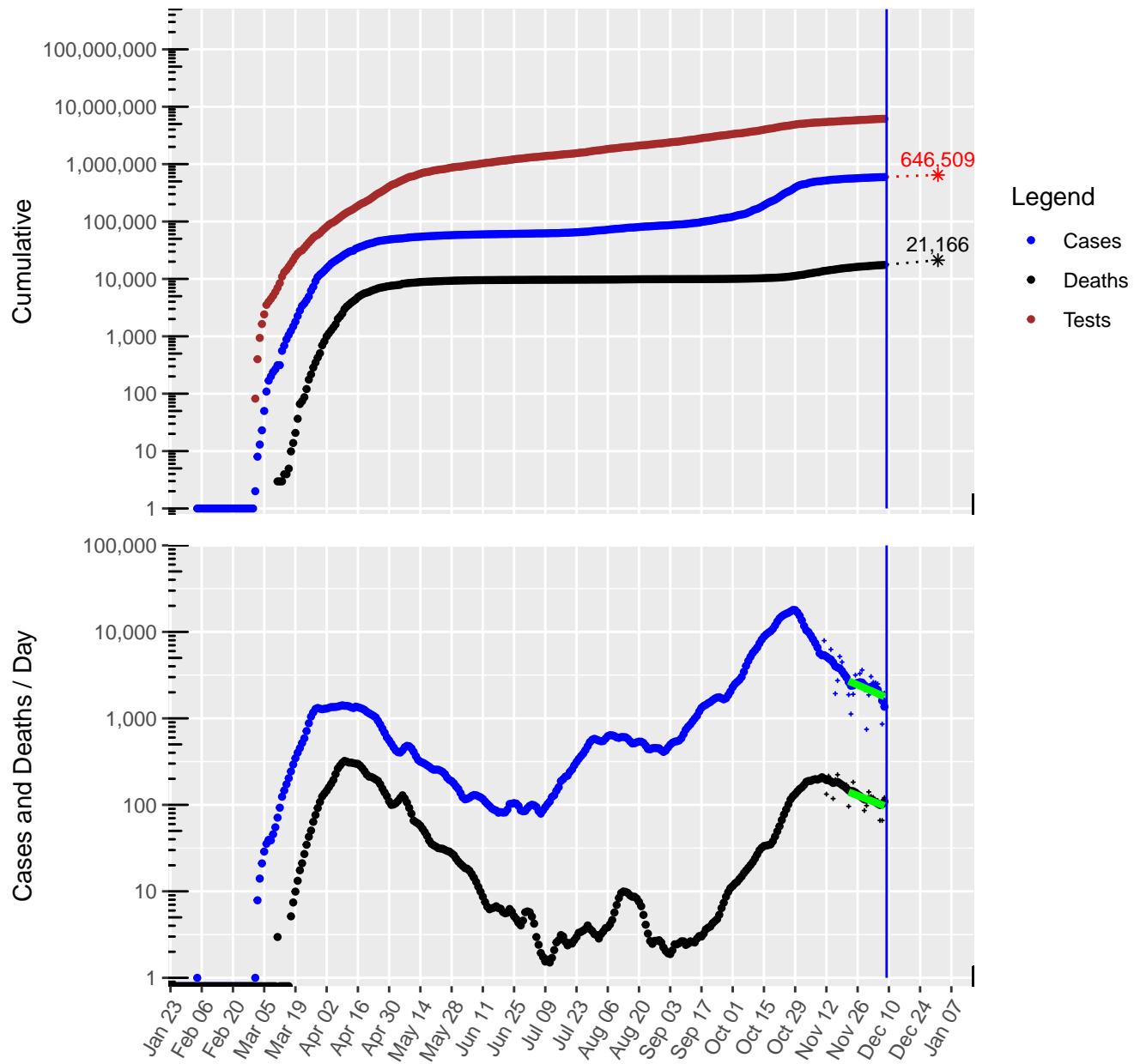


# Luxembourg projection as of 2020-12-09



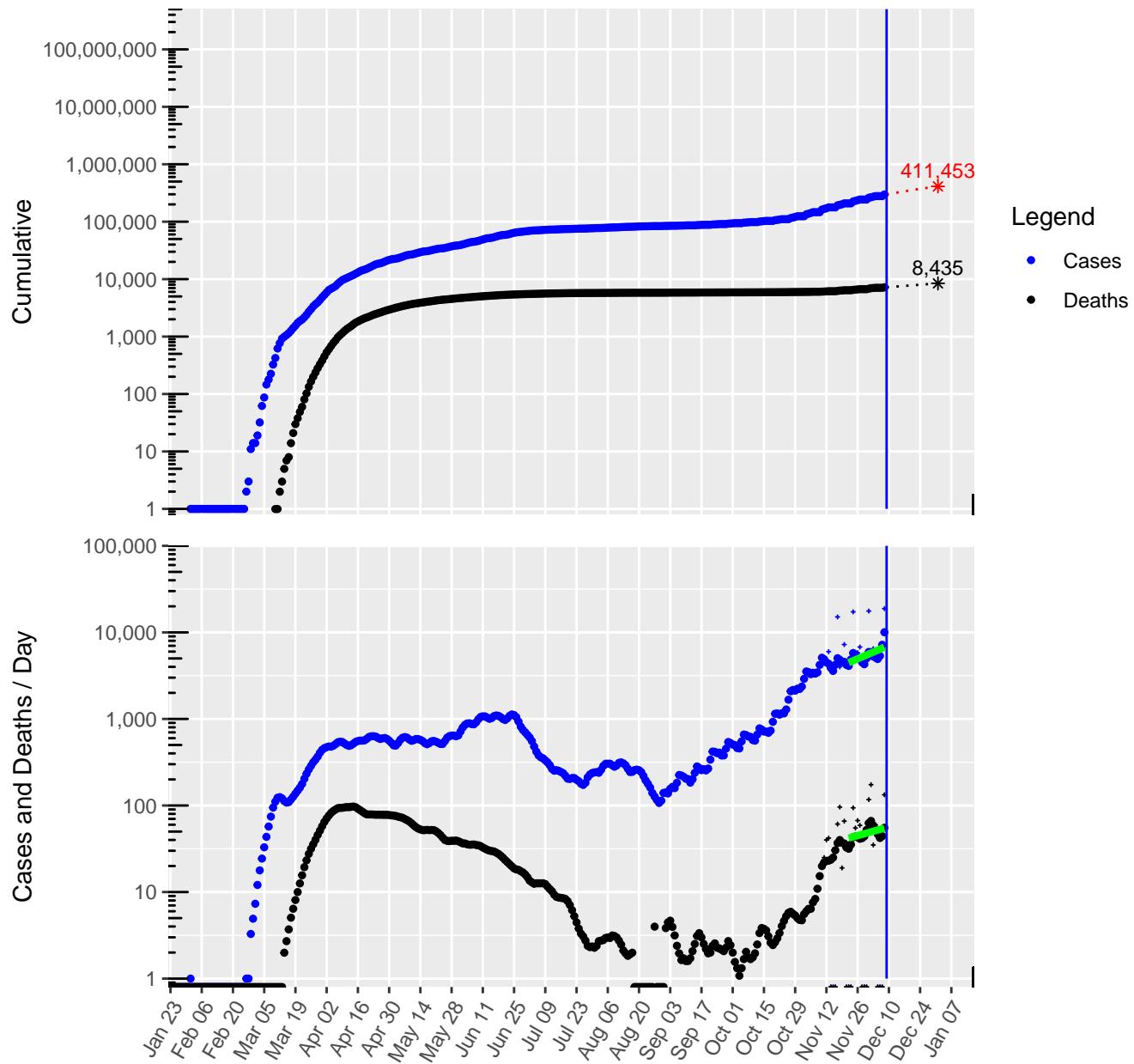
Deaths: 360 (0) — Case Mortality: 0.9% — Daily Change: -1.0% Cases, -1.9% Deaths (over 16 days)

# Belgium projection as of 2020-12-09

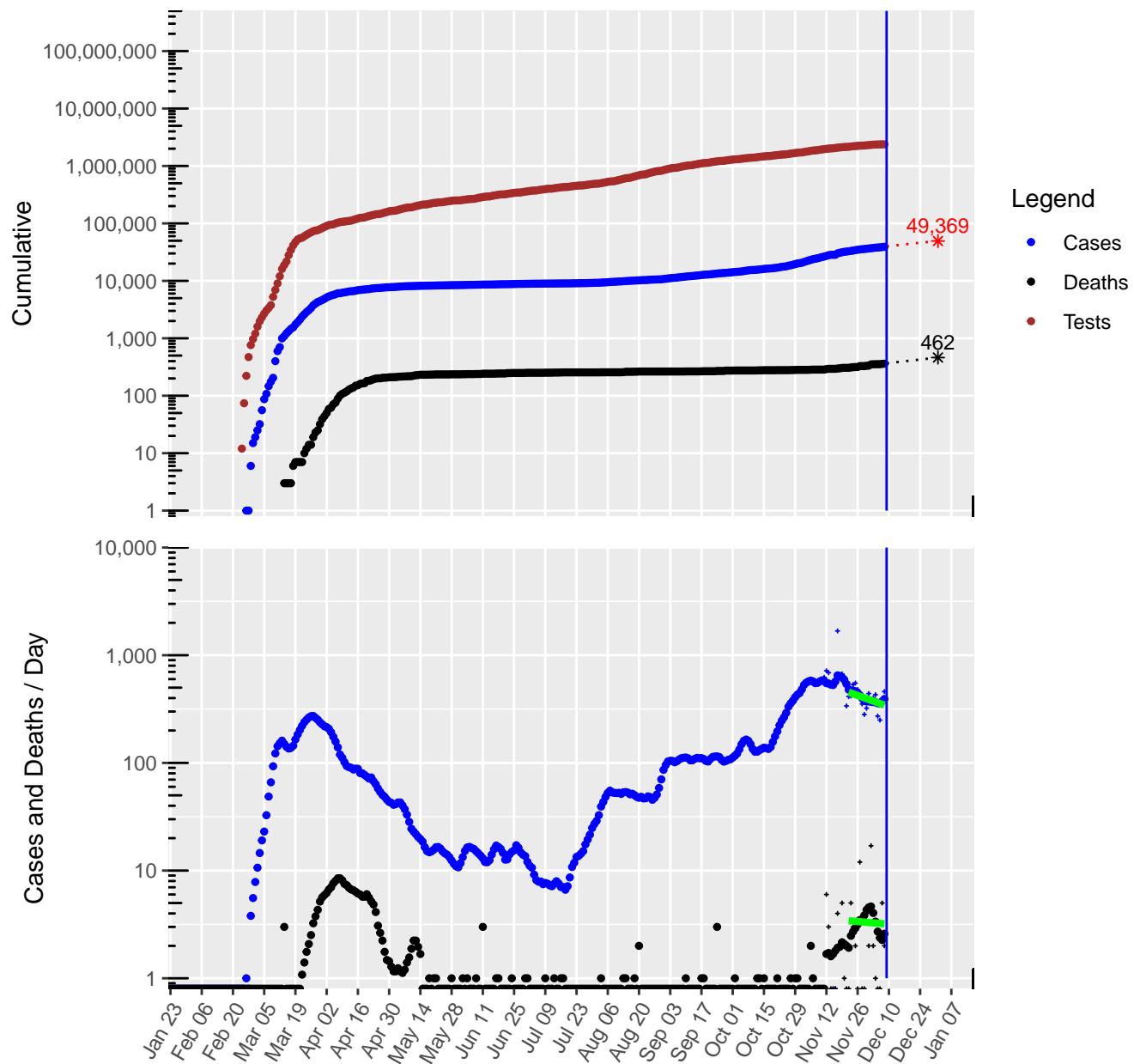


ths: 17,507 (121) — Case Mortality: 2.9% — Daily Change: -2.7% Cases, -2.4% Deaths (over 16 days)

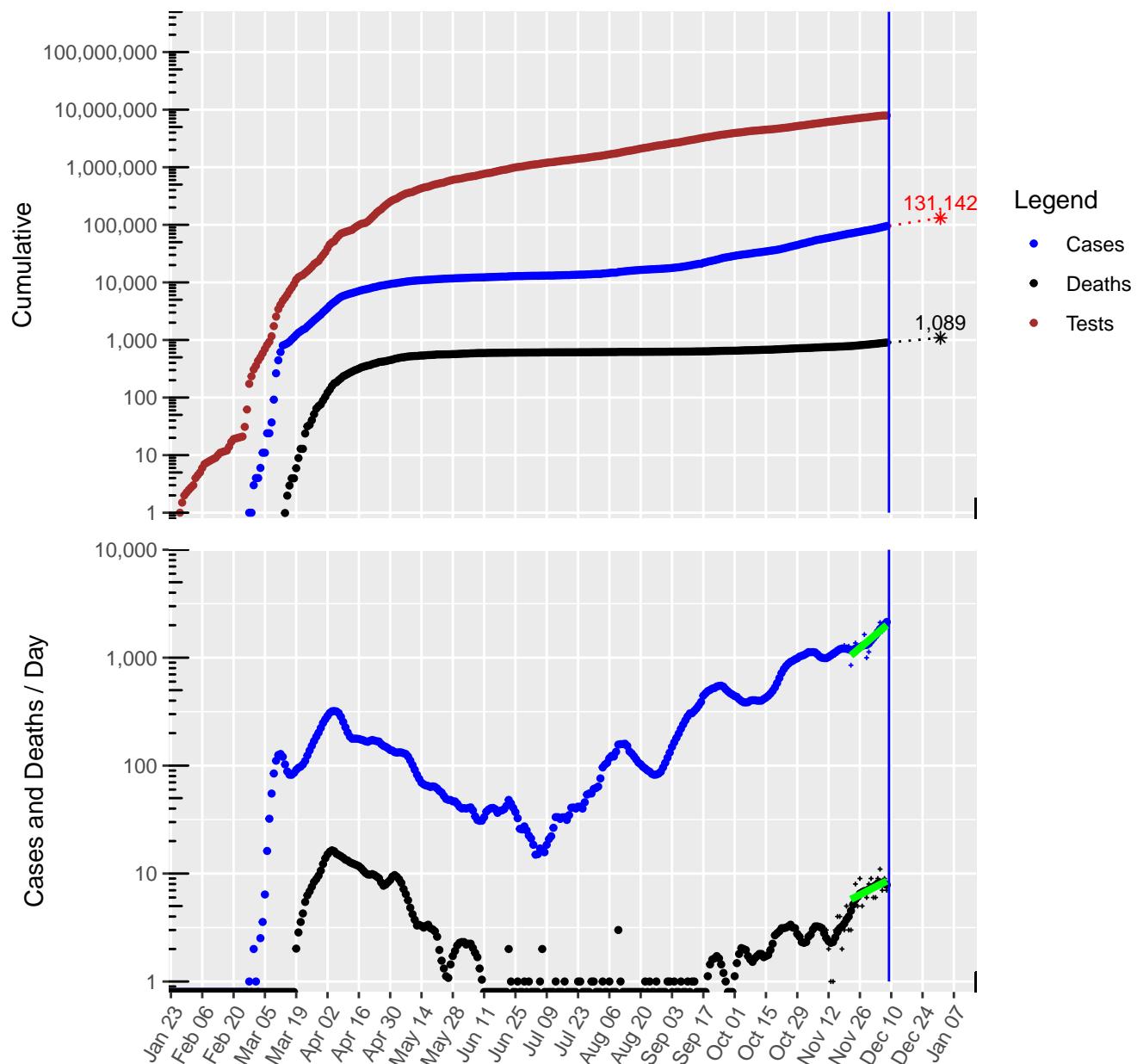
# Sweden projection as of 2020-12-09



# Norway projection as of 2020-12-09

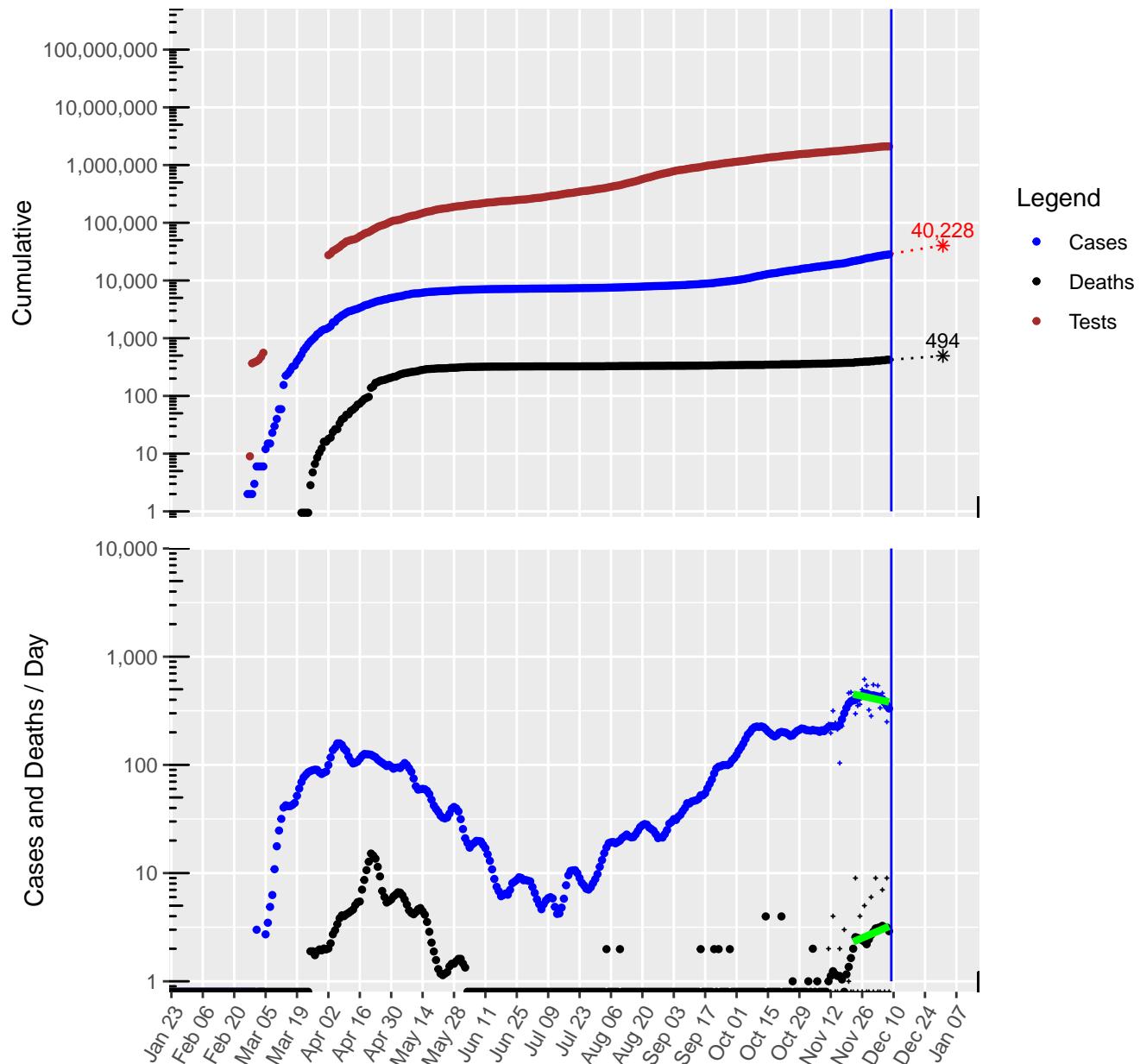


# Denmark projection as of 2020-12-09

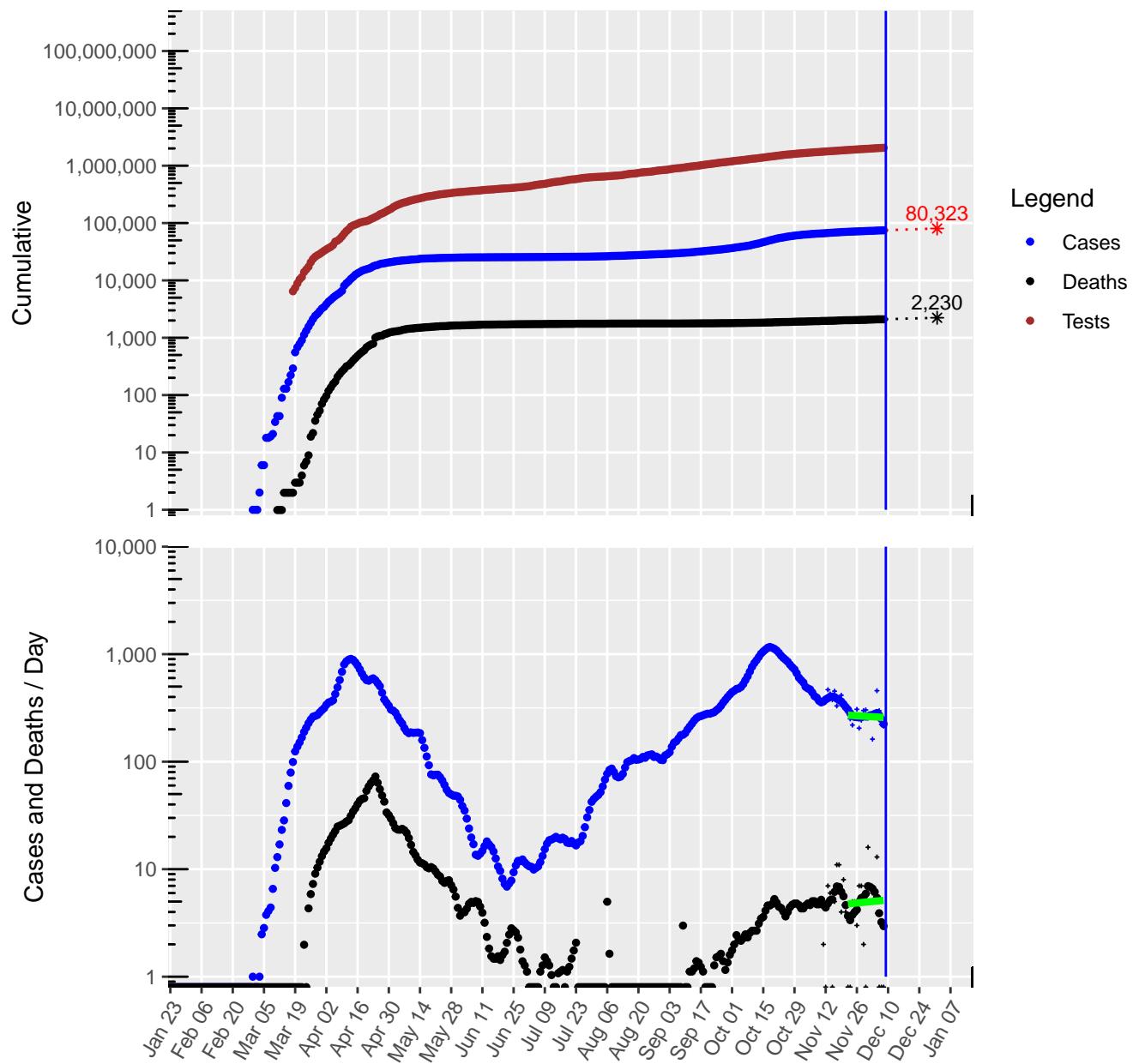


Deaths: 901 (7) — Case Mortality: 0.9% — Daily Change: +4.2% Cases, +2.6% Deaths (over 16 days)

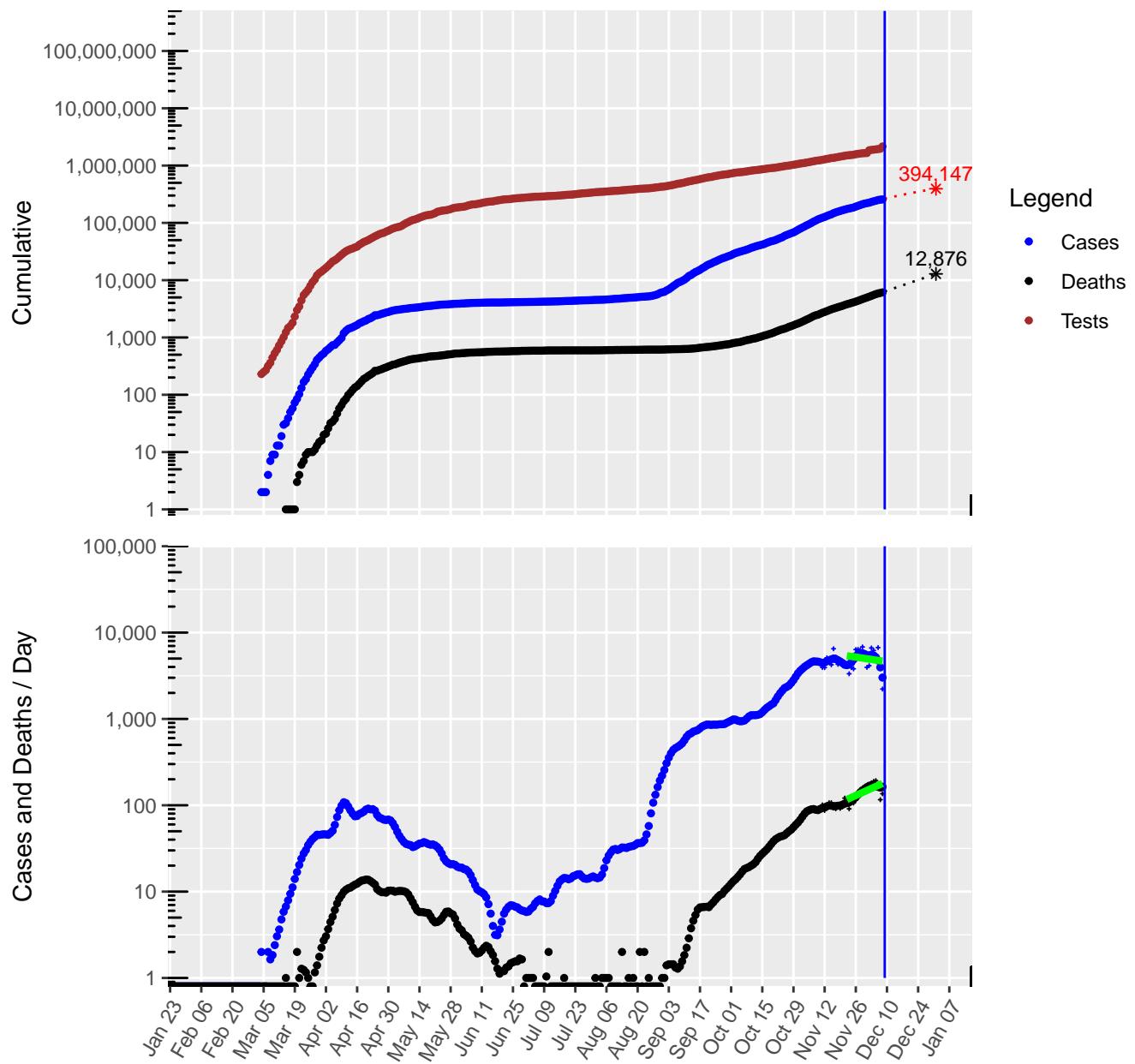
# Finland projection as of 2020-12-09



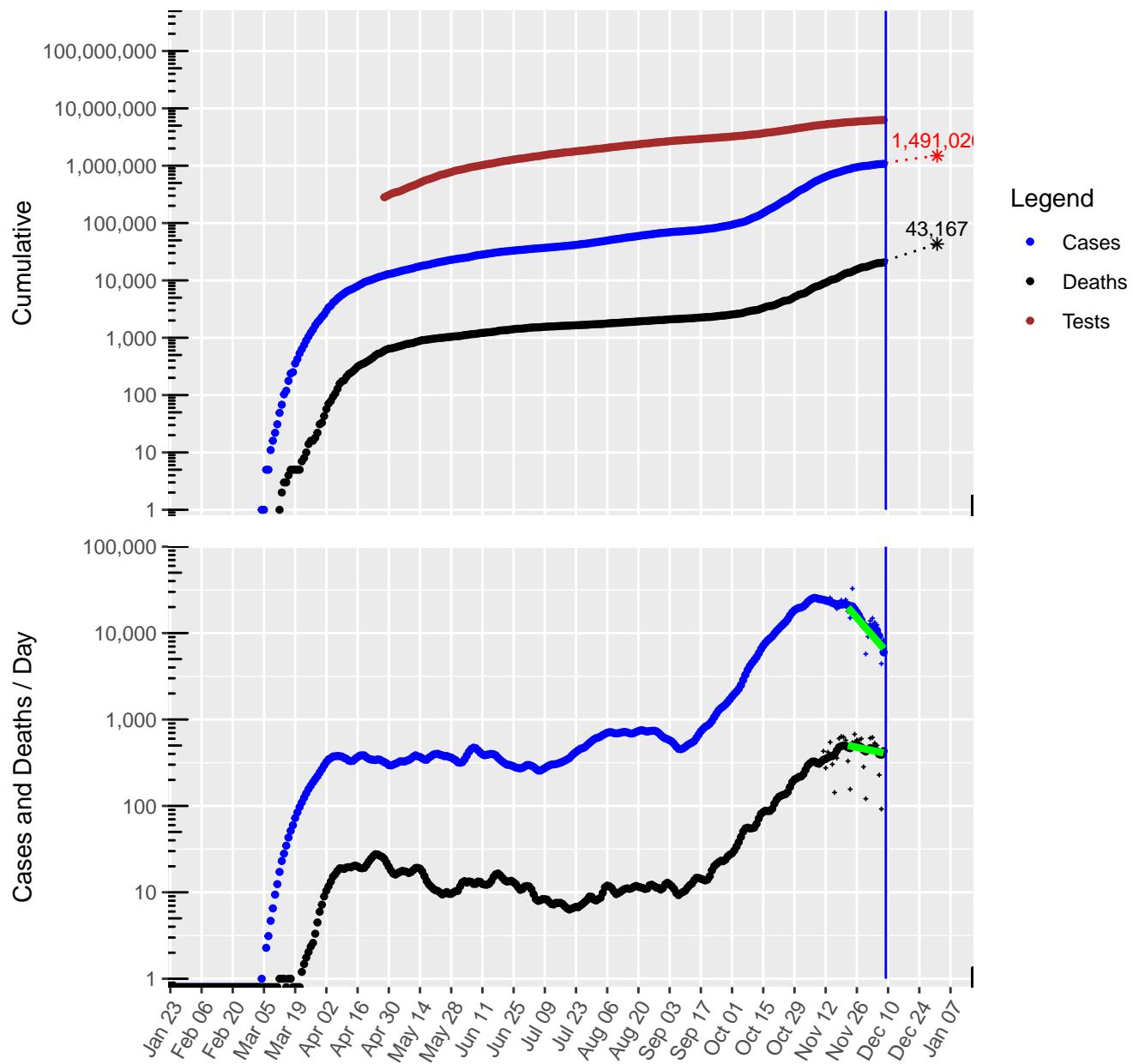
# Ireland projection as of 2020-12-09



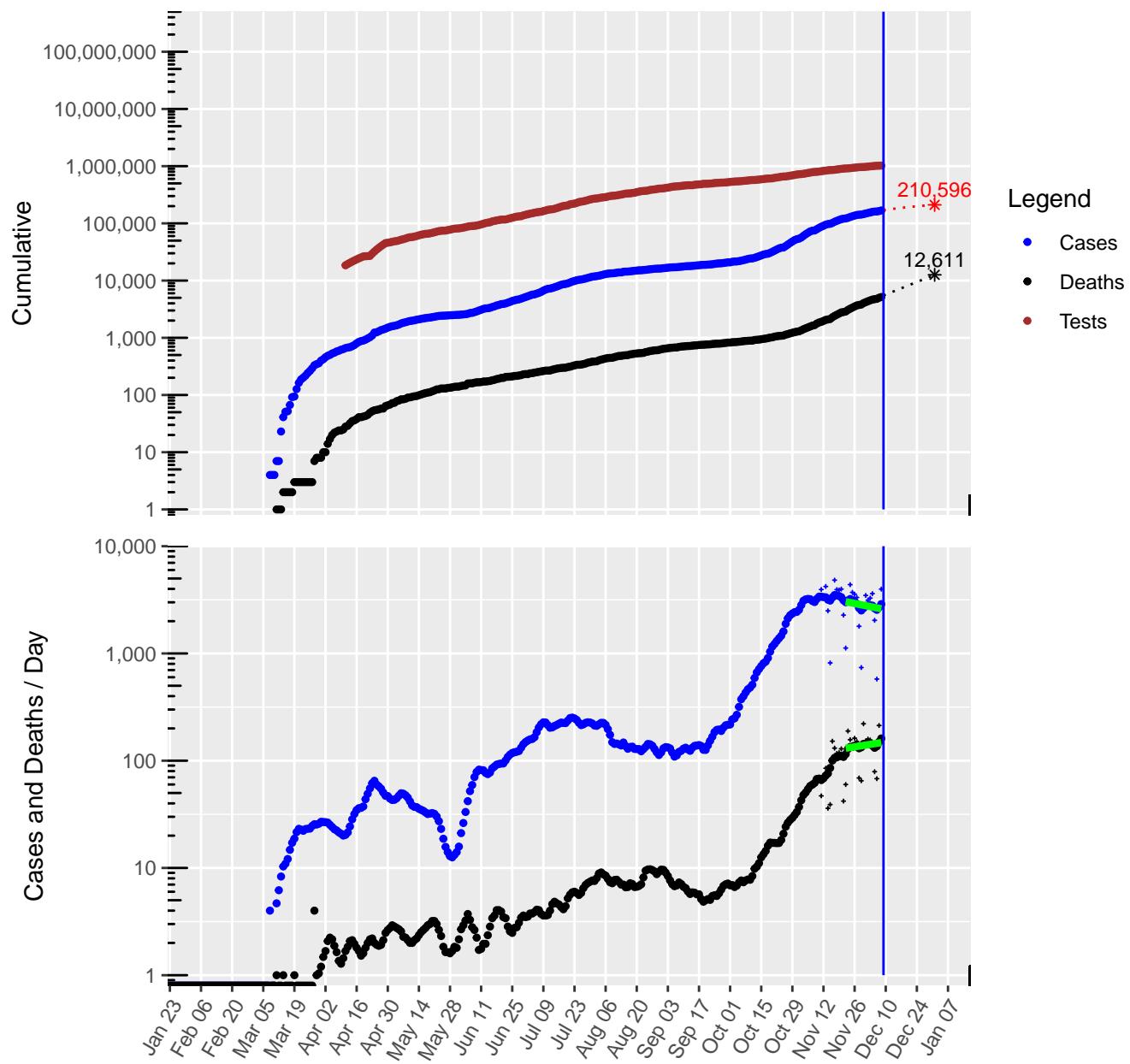
# Hungary projection as of 2020-12-09



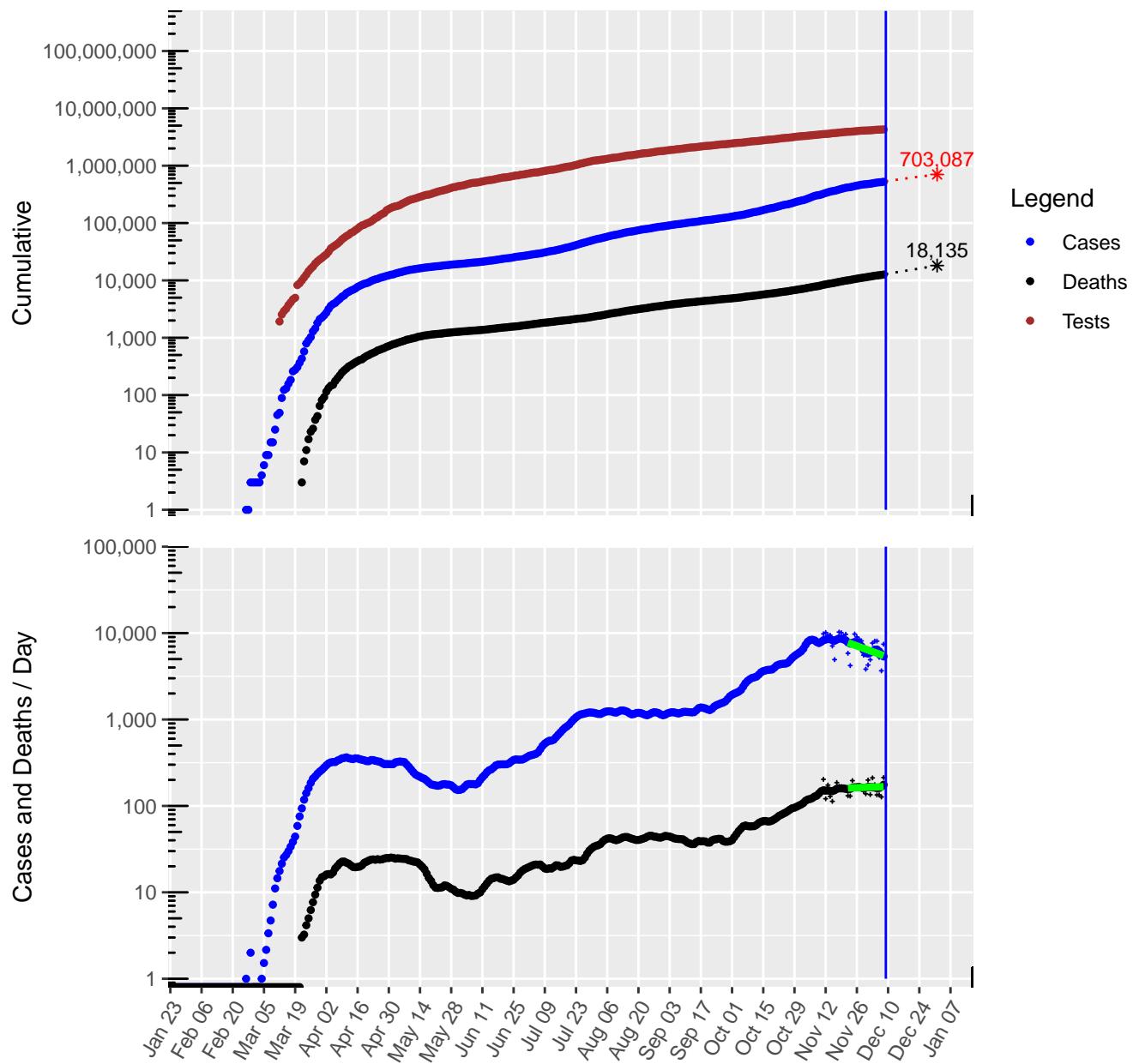
# Poland projection as of 2020-12-09



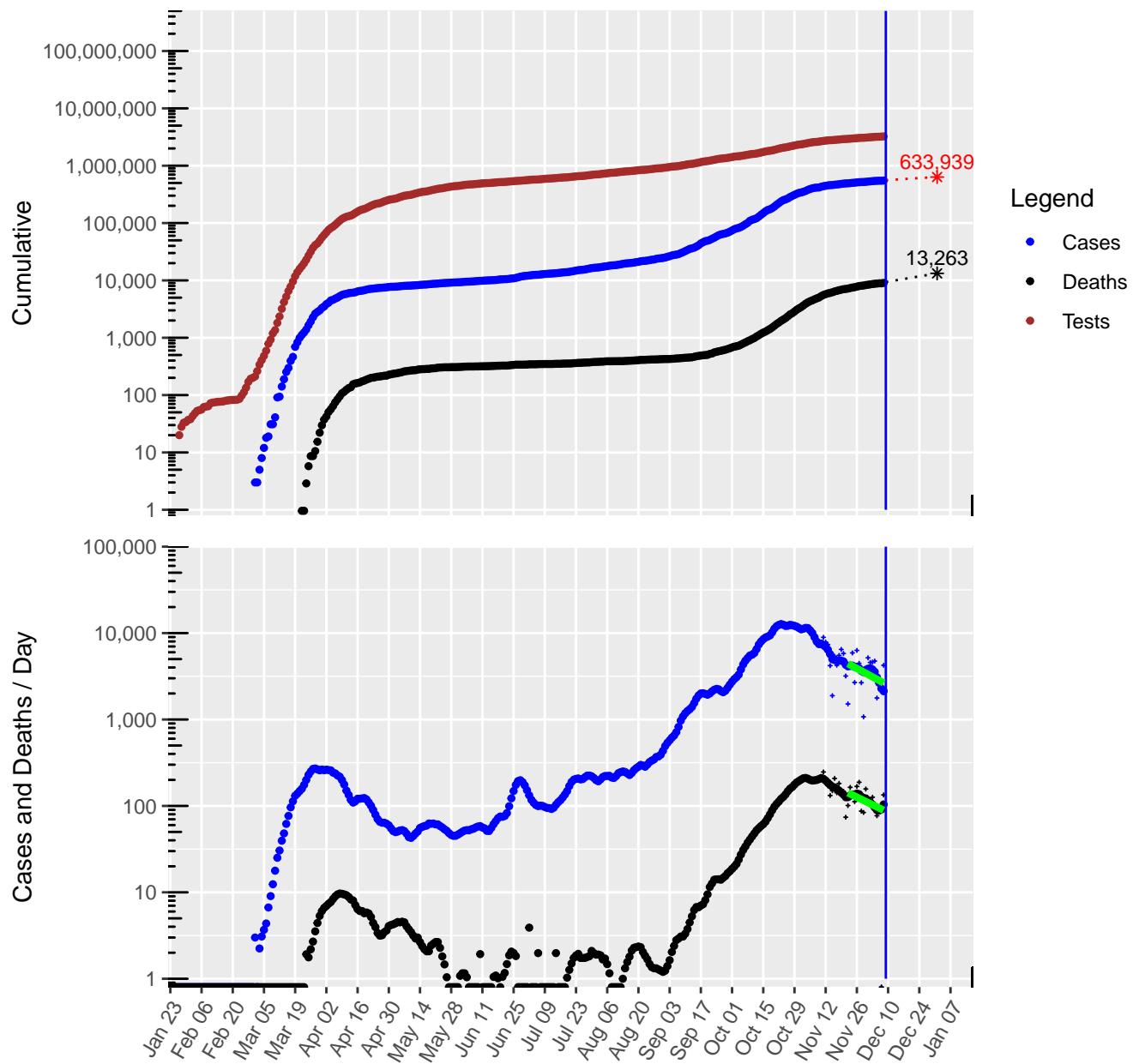
# Bulgaria projection as of 2020-12-09



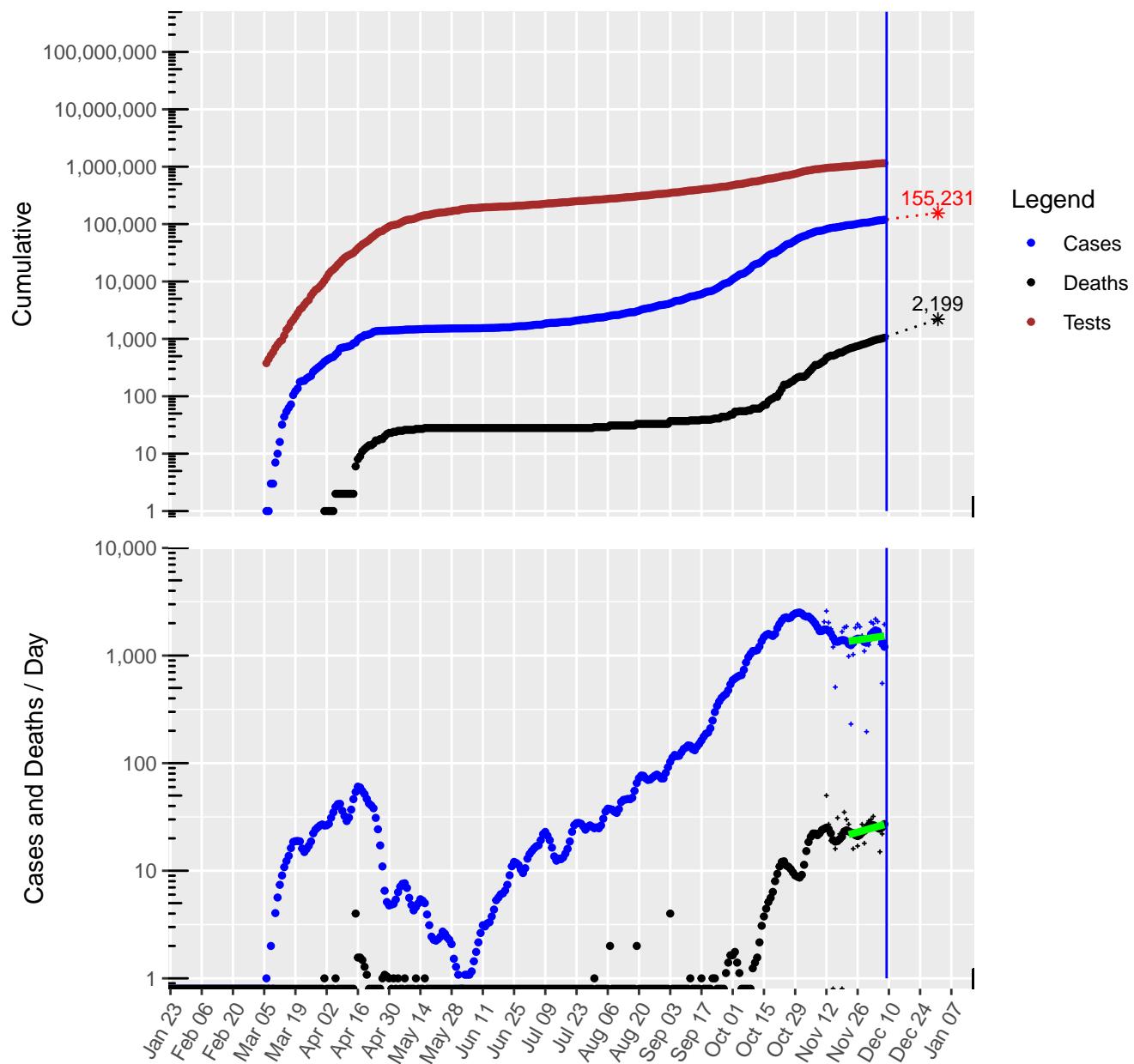
# Romania projection as of 2020-12-09



# Czech Republic projection as of 2020-12-09

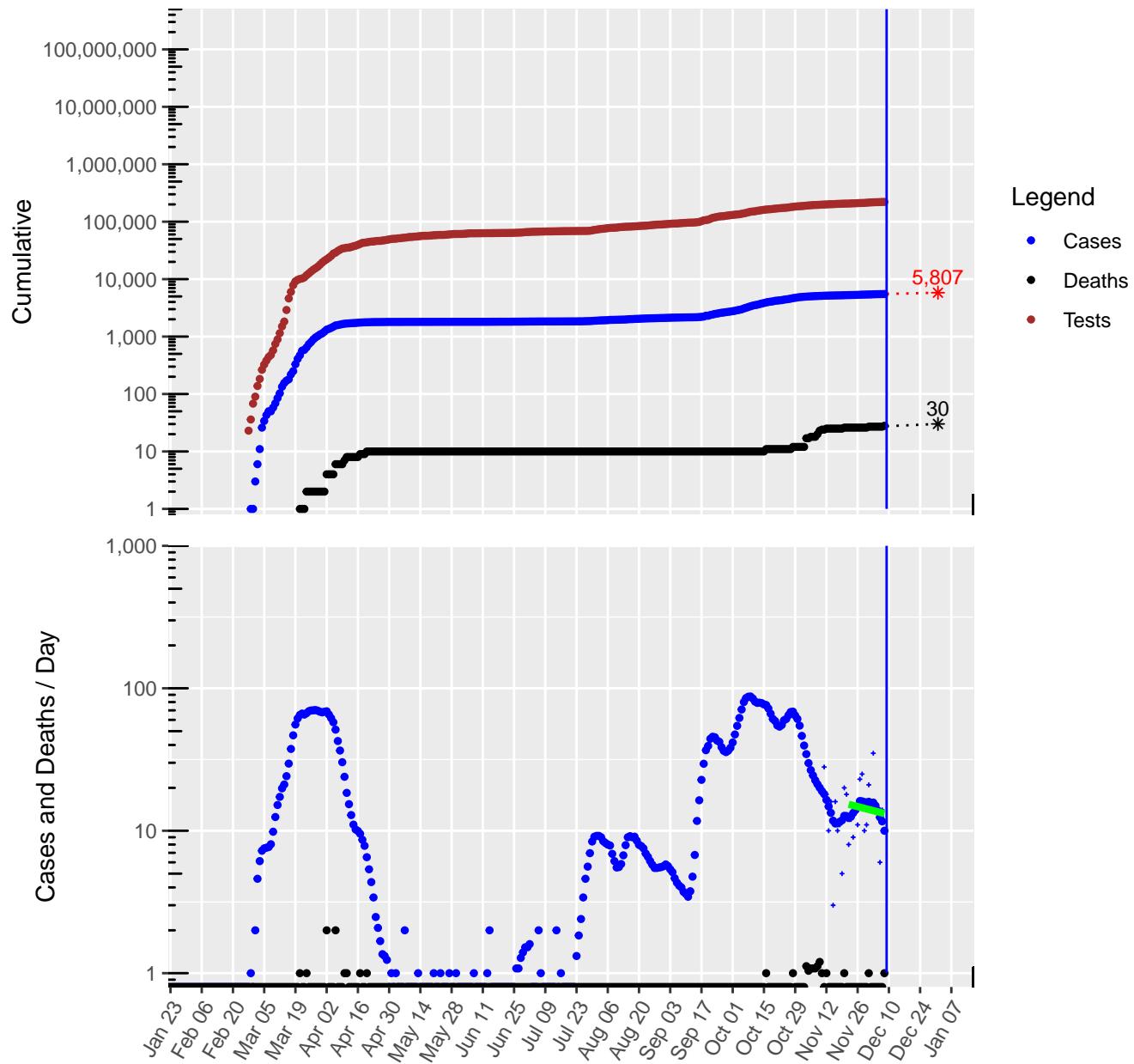


# Slovakia projection as of 2020-12-09

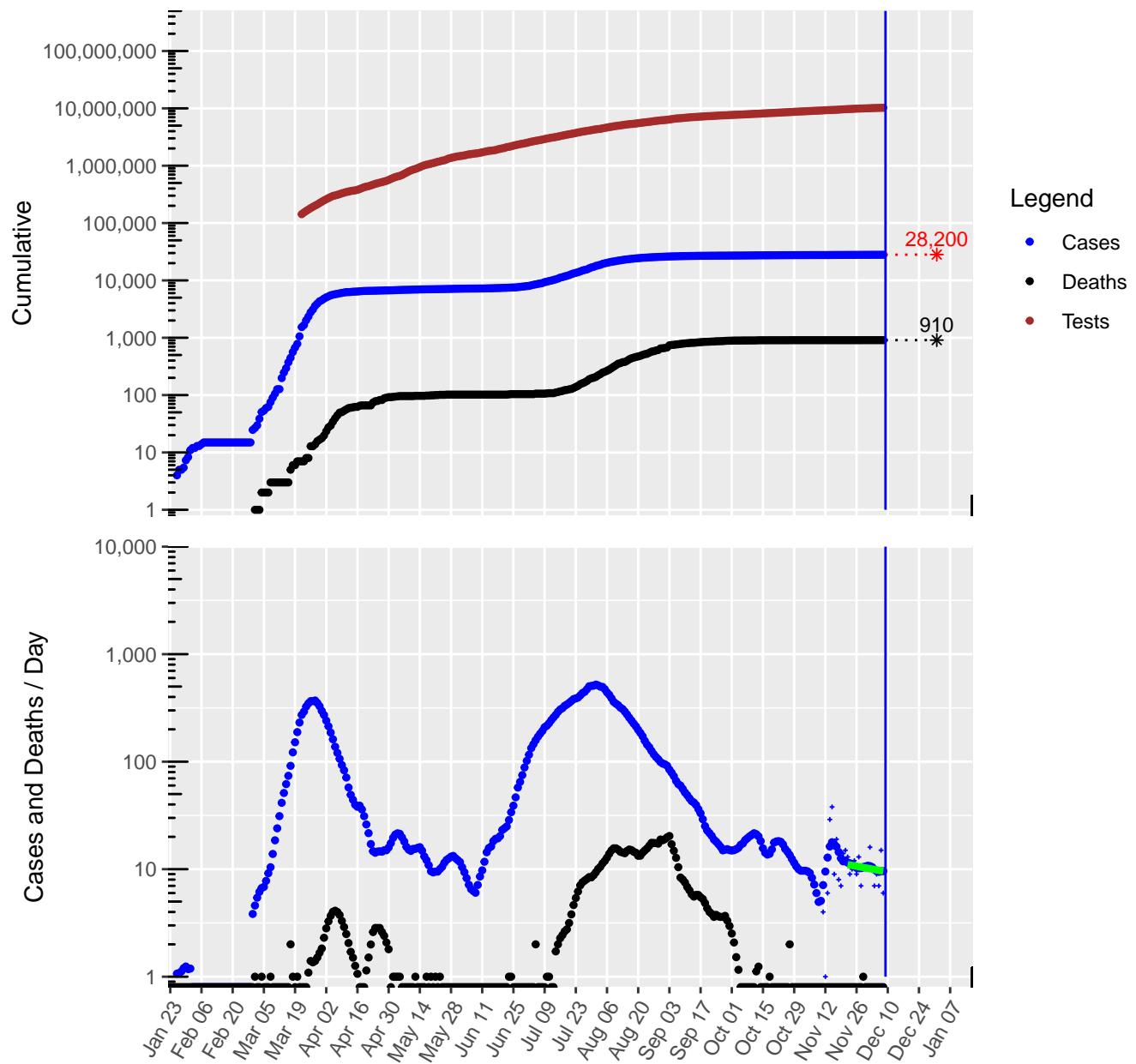


Deaths: 1,046 (28) — Case Mortality: 0.9% — Daily Change: +0.7% Cases, +1.4% Deaths (over 16 days)

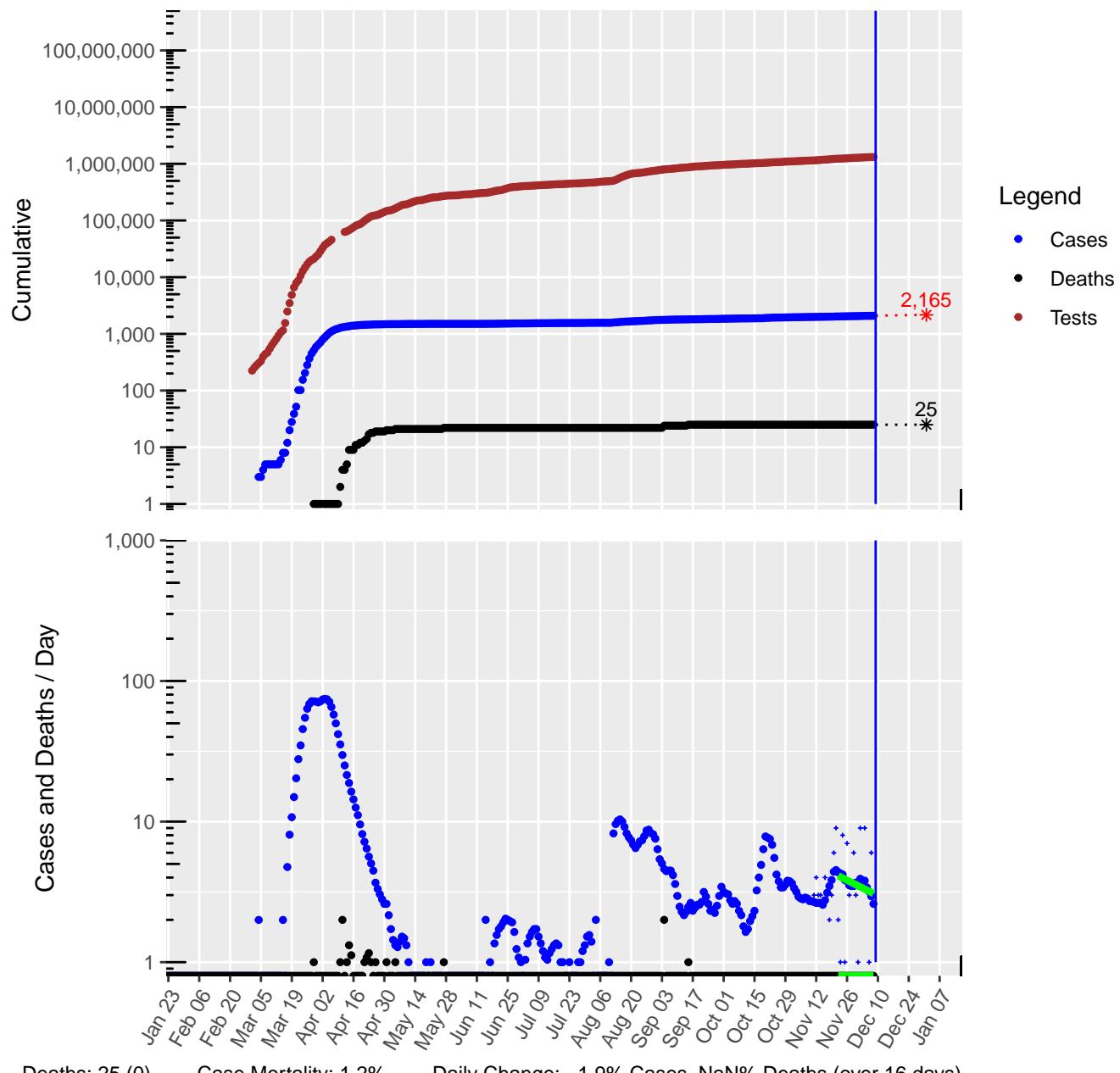
# Iceland projection as of 2020-12-09



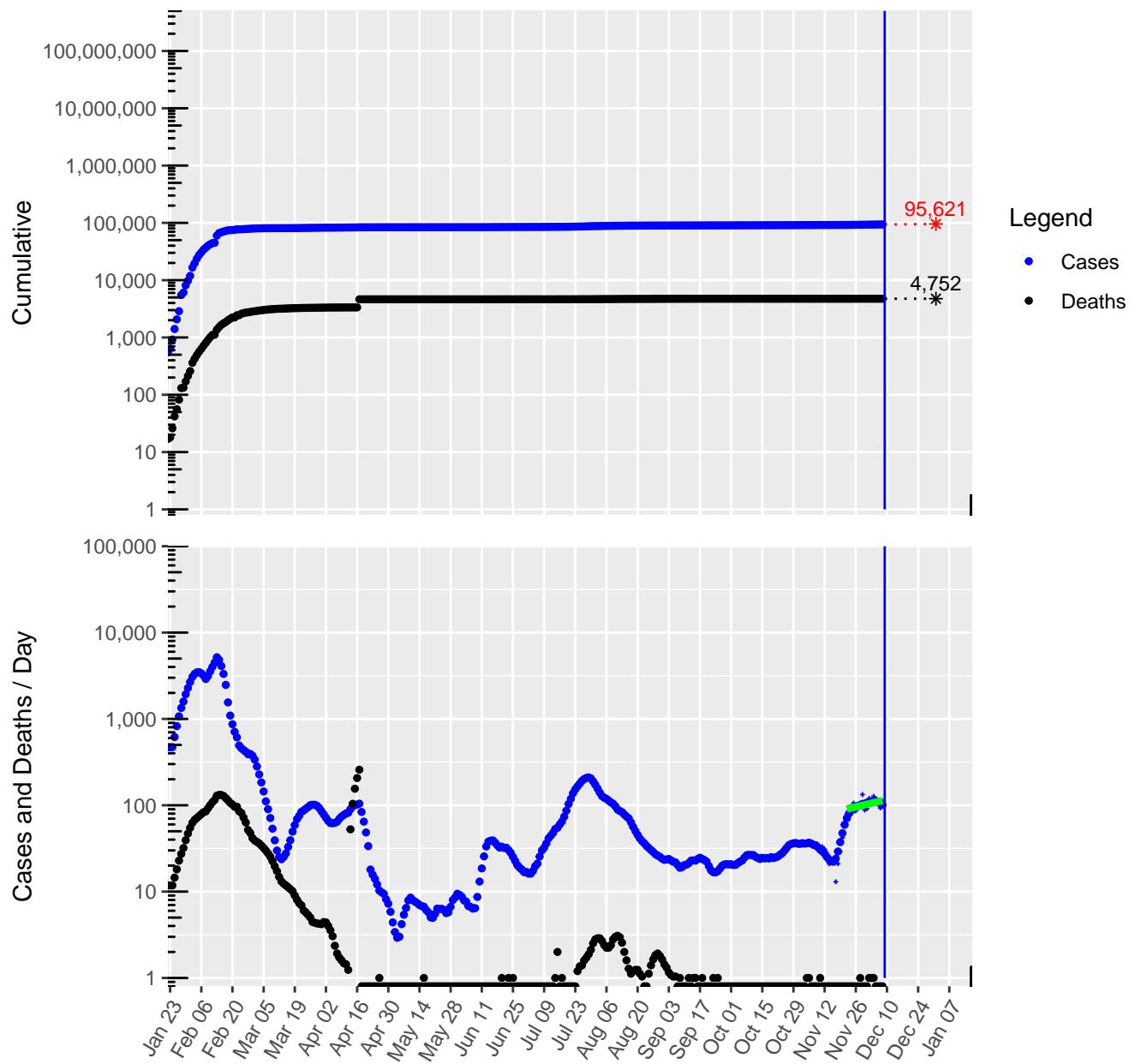
# Australia projection as of 2020-12-09



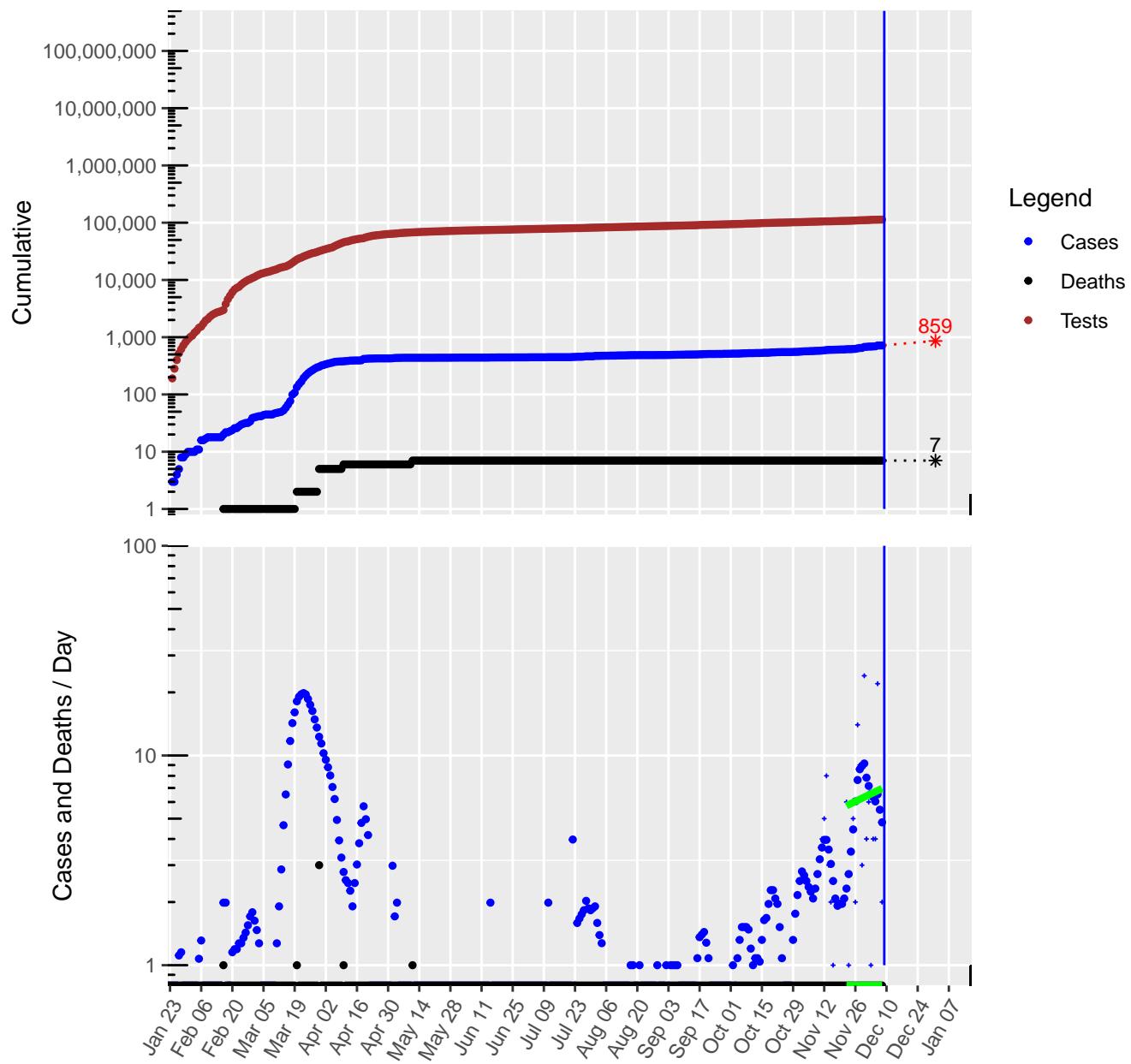
# New Zealand projection as of 2020-12-09



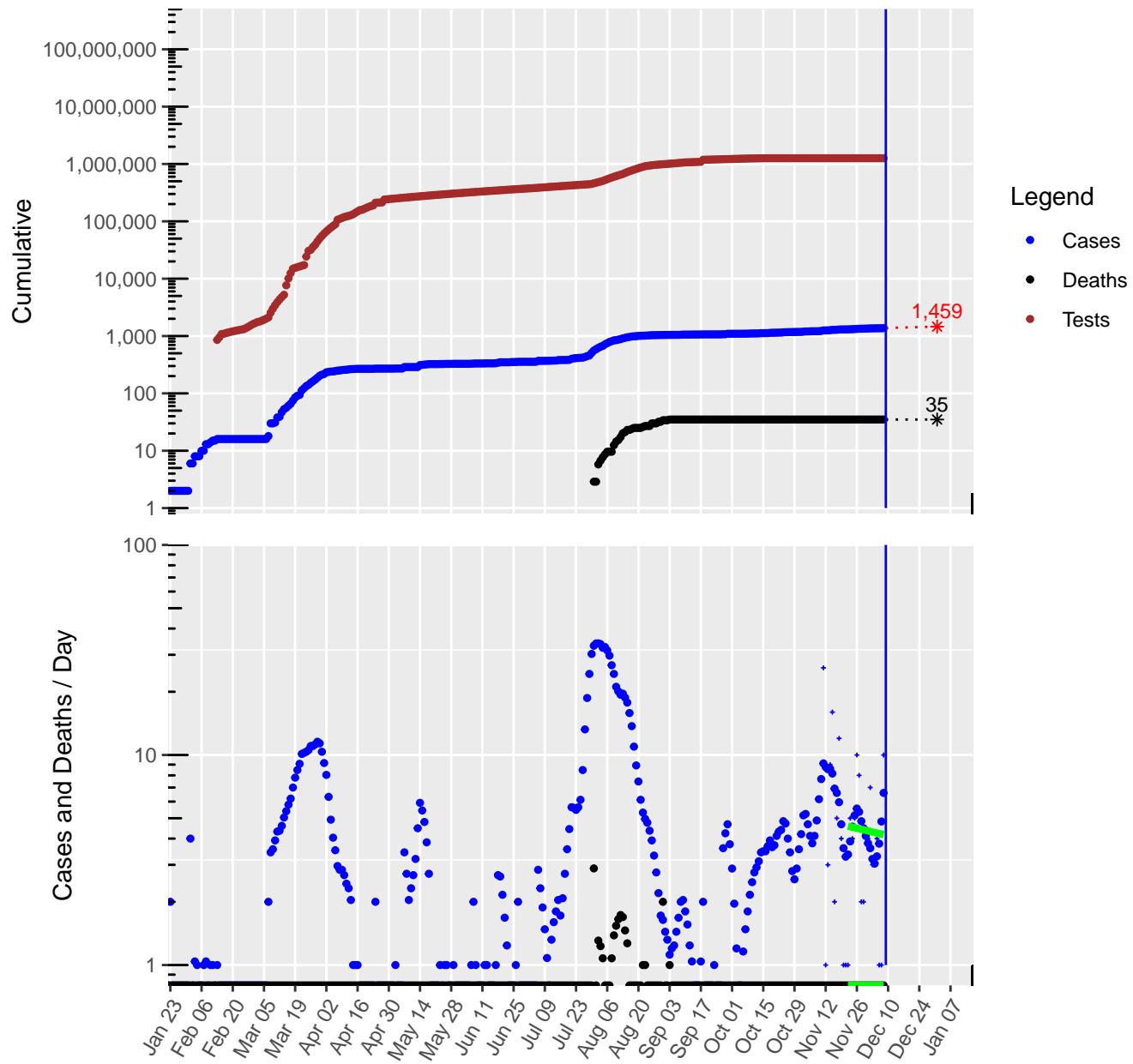
# China projection as of 2020-12-09



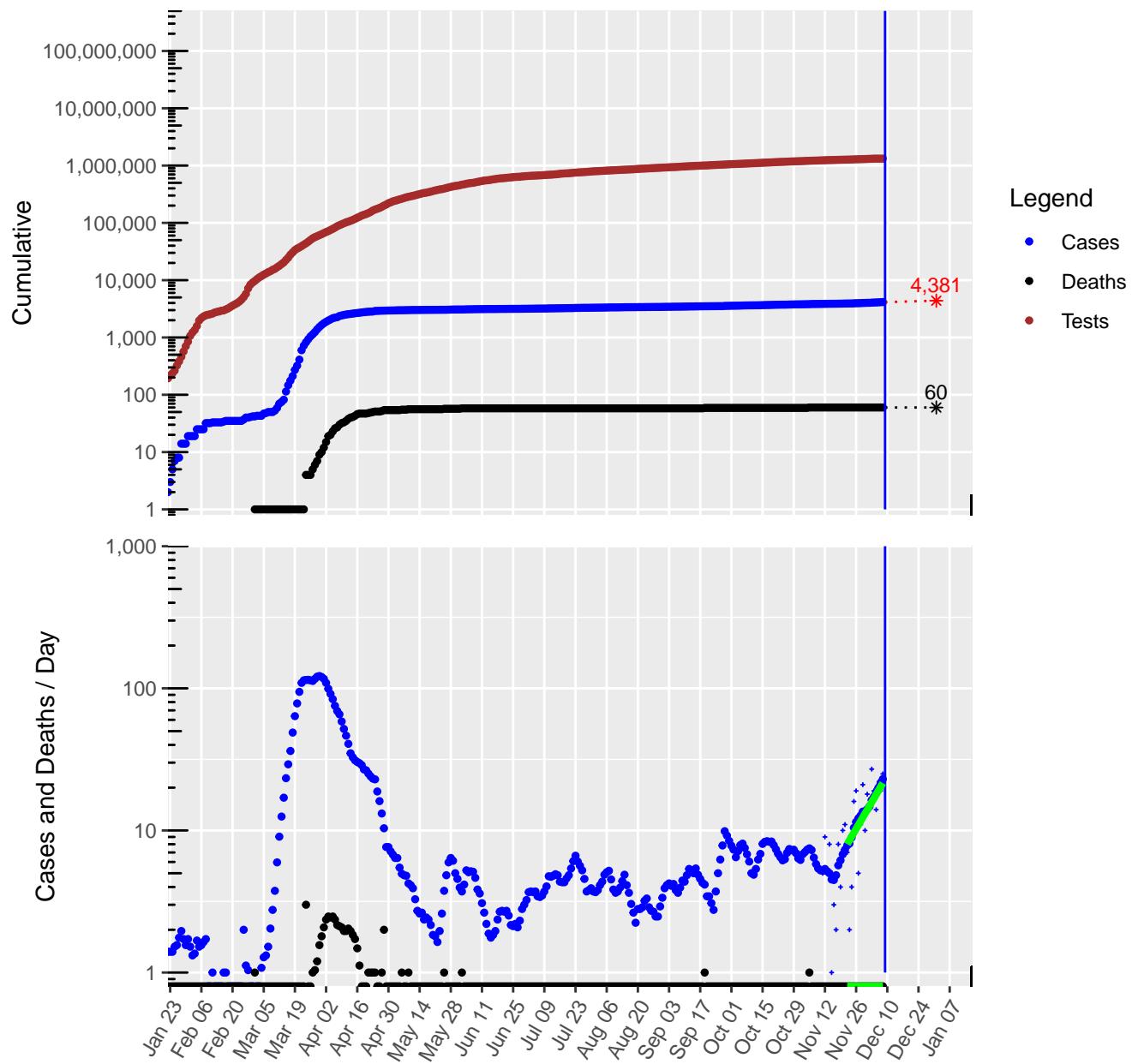
# Taiwan projection as of 2020-12-09



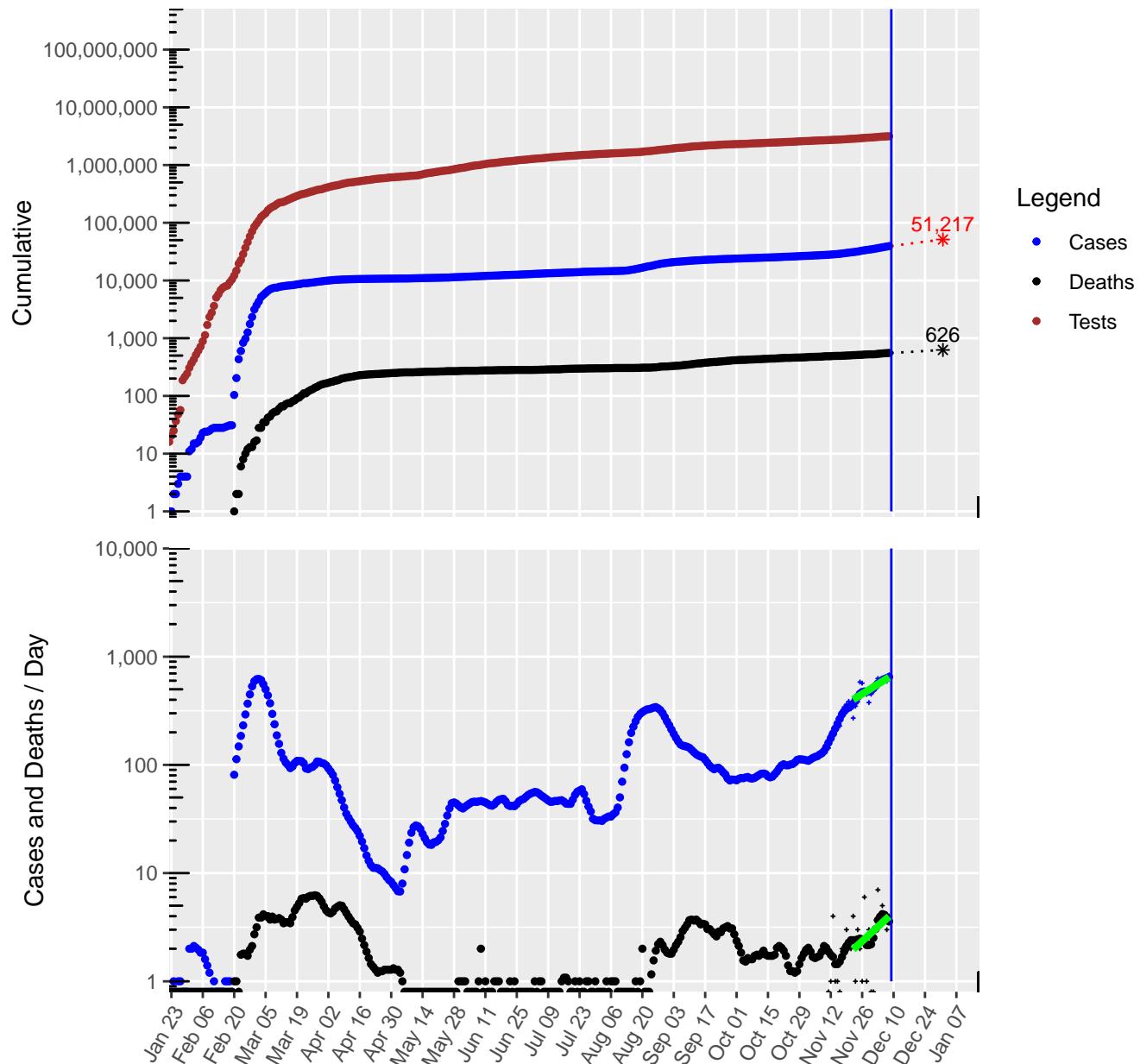
# Vietnam projection as of 2020-12-09



# Thailand projection as of 2020-12-09

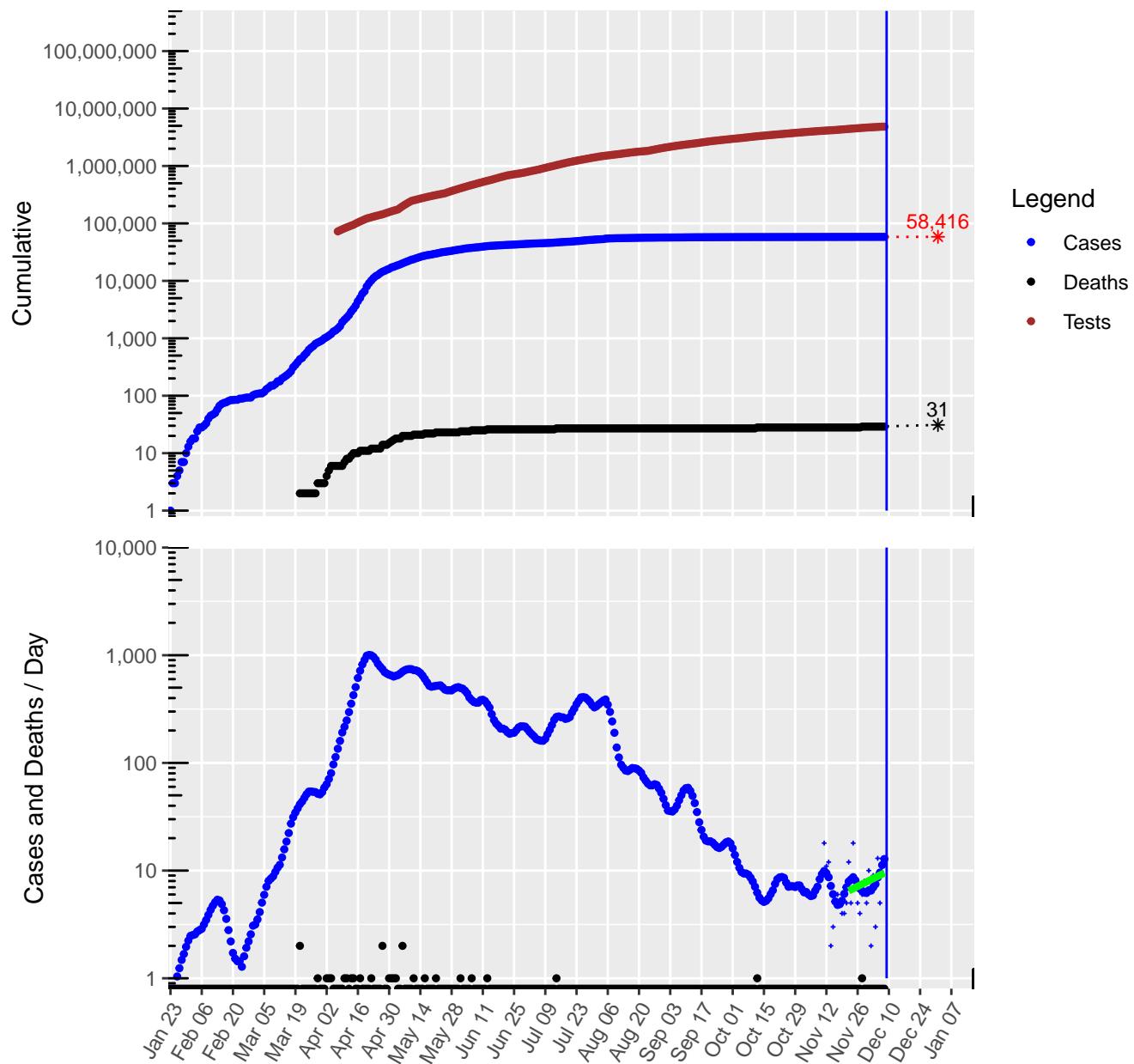


# South Korea projection as of 2020-12-09

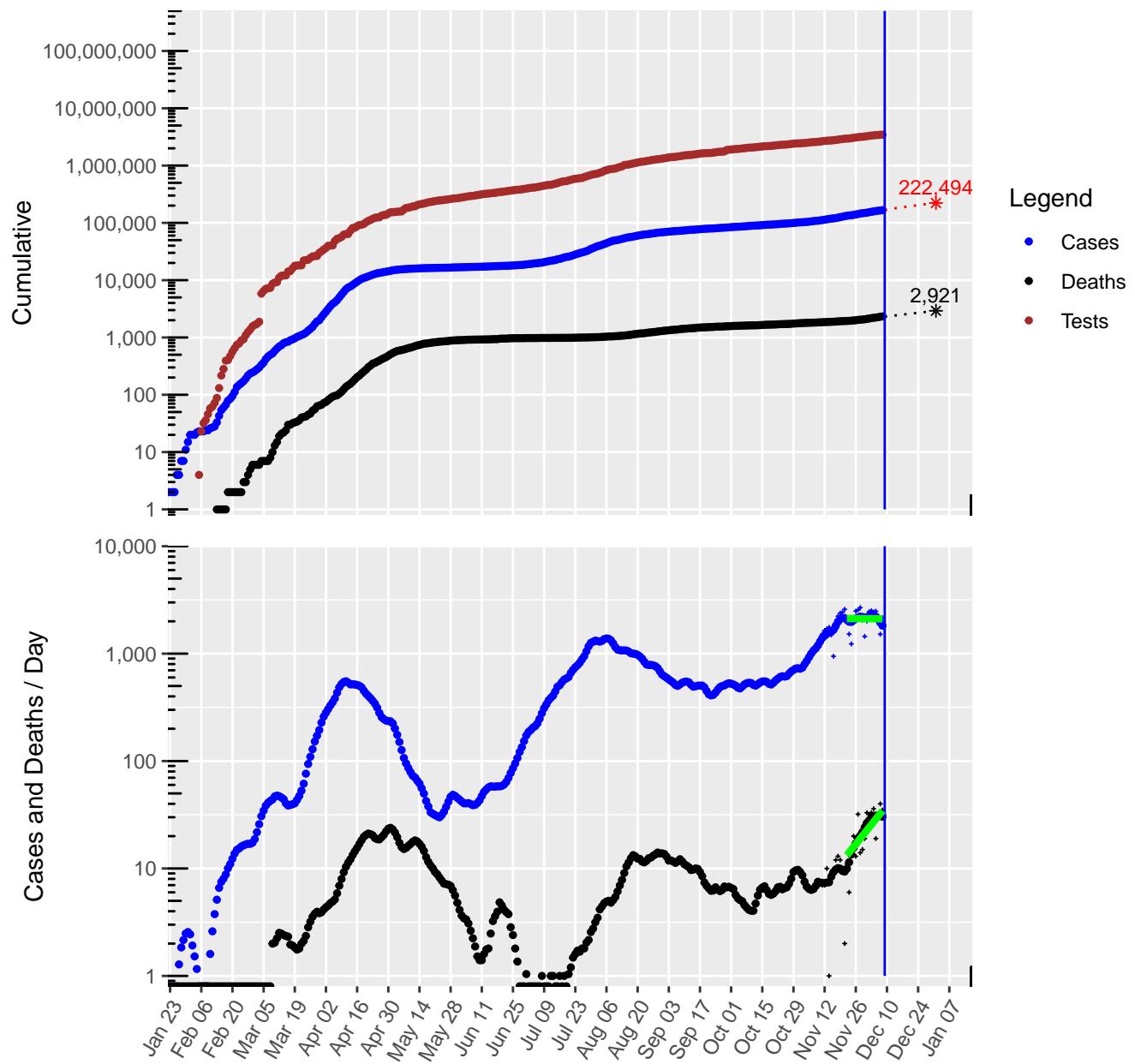


Deaths: 556 (4) — Case Mortality: 1.4% — Daily Change: +3.1% Cases, +4.5% Deaths (over 16 days)

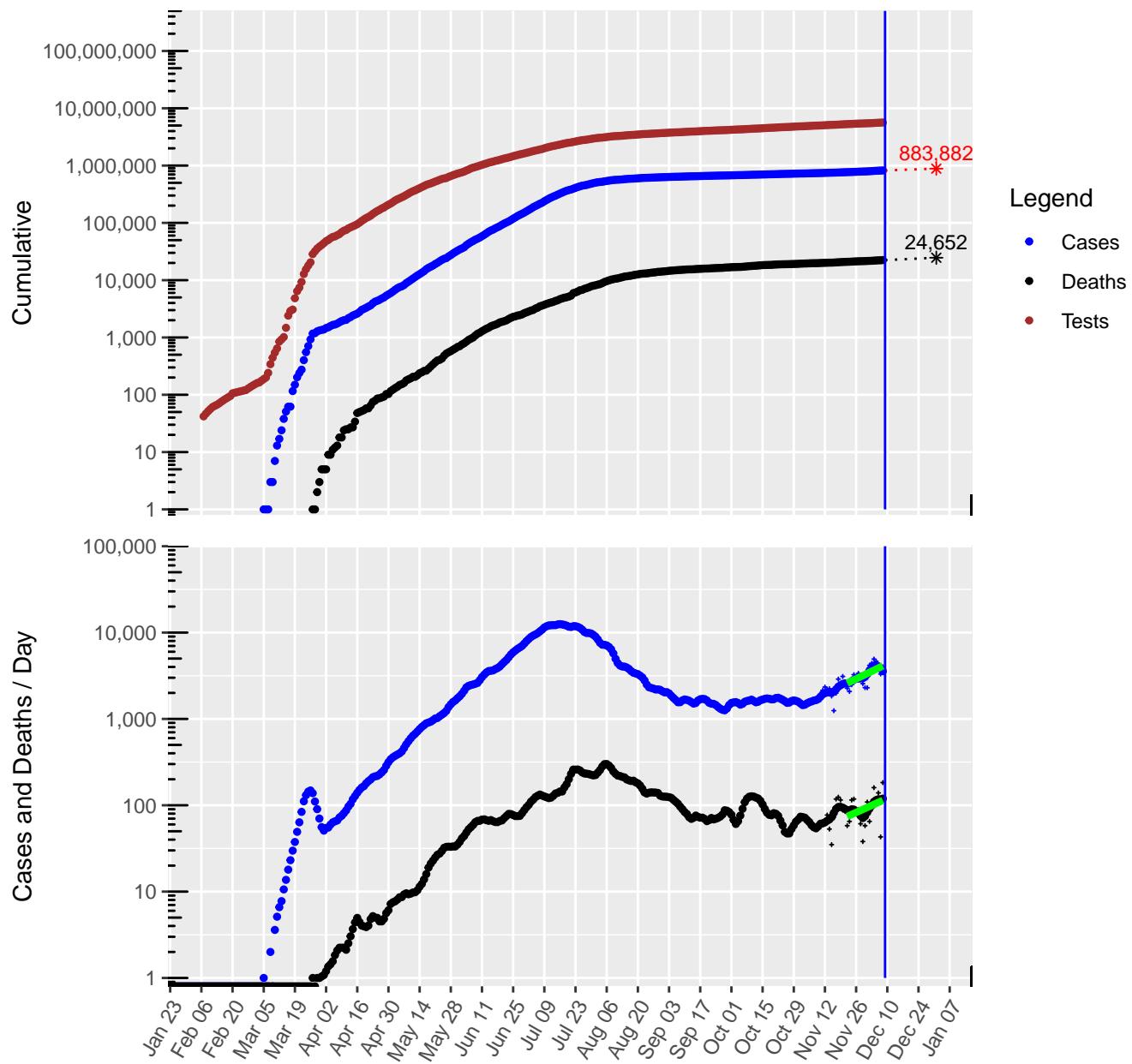
# Singapore projection as of 2020-12-09



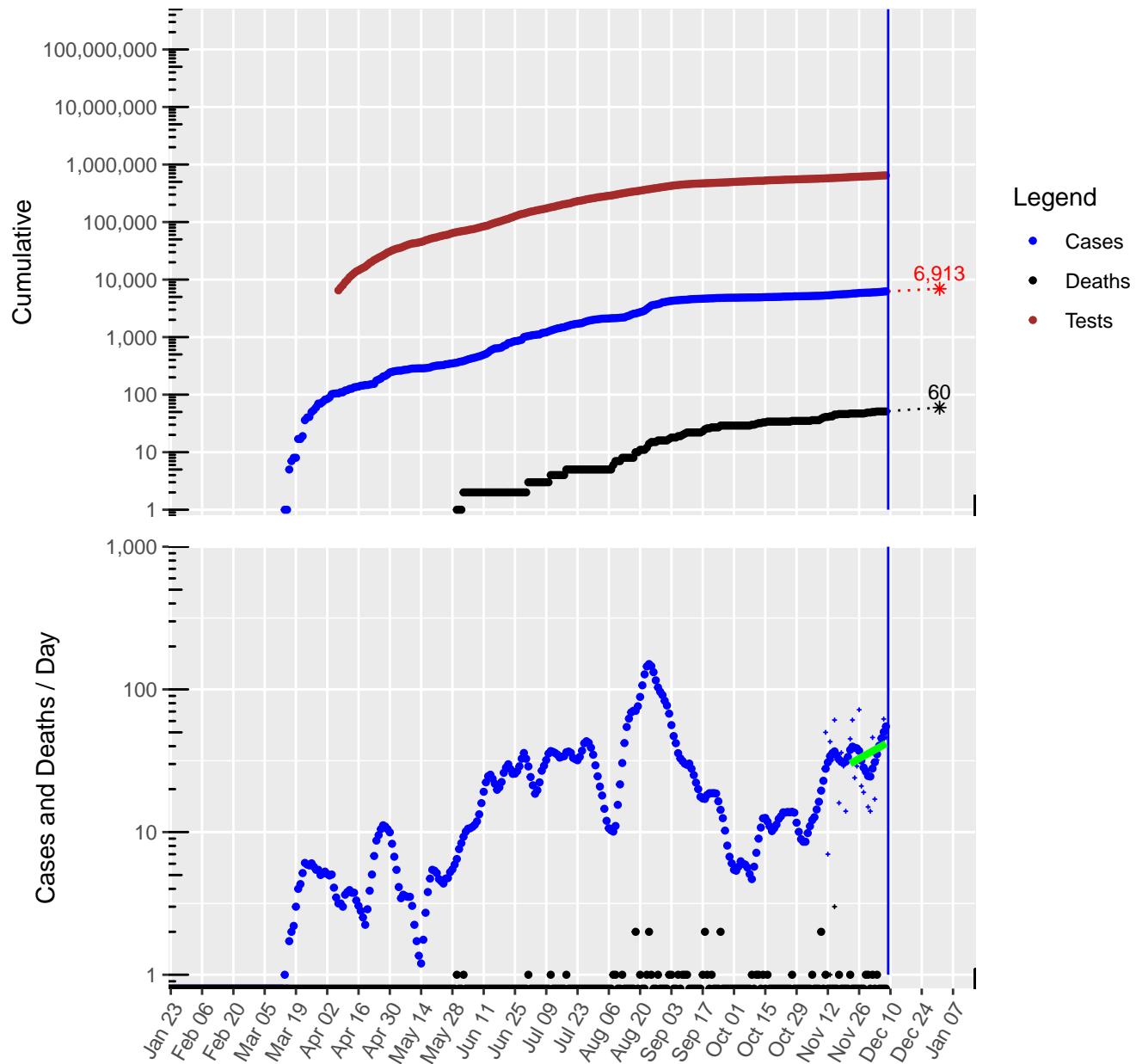
# Japan projection as of 2020-12-09



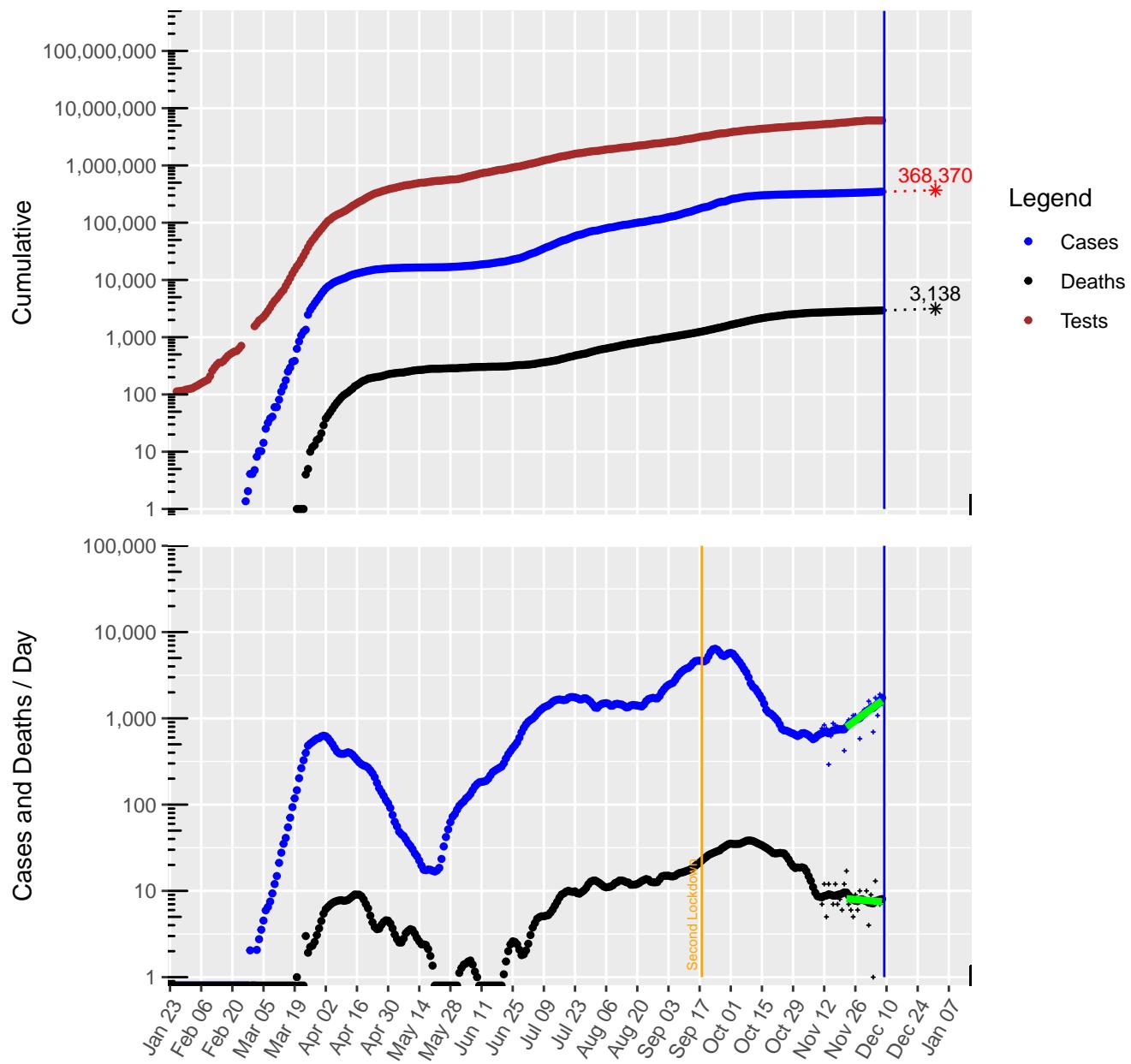
# South Africa projection as of 2020-12-09



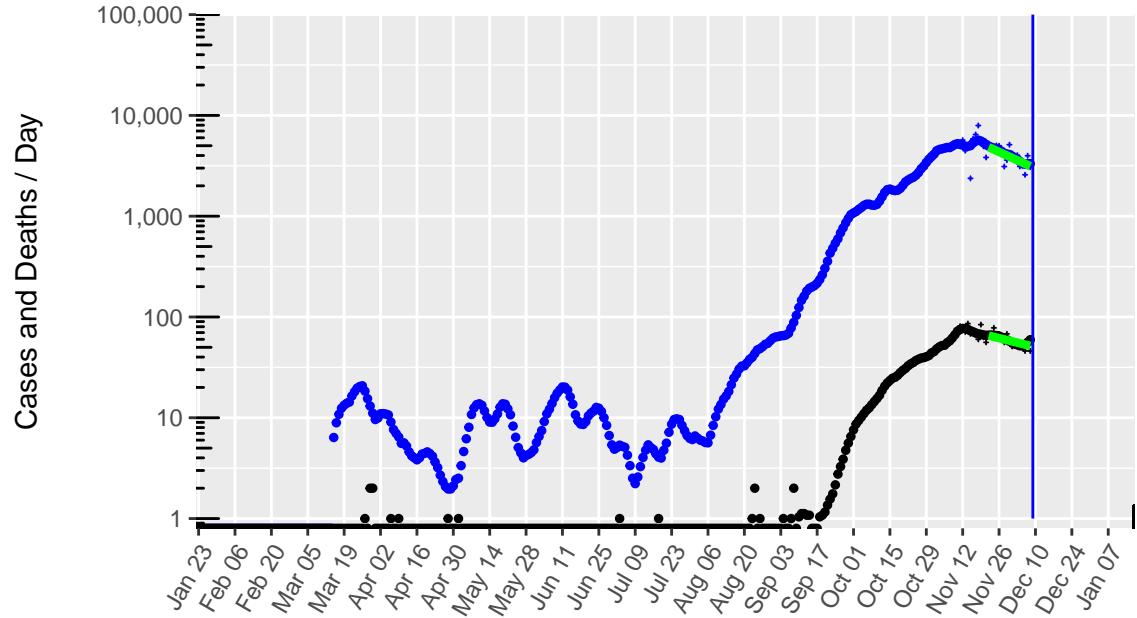
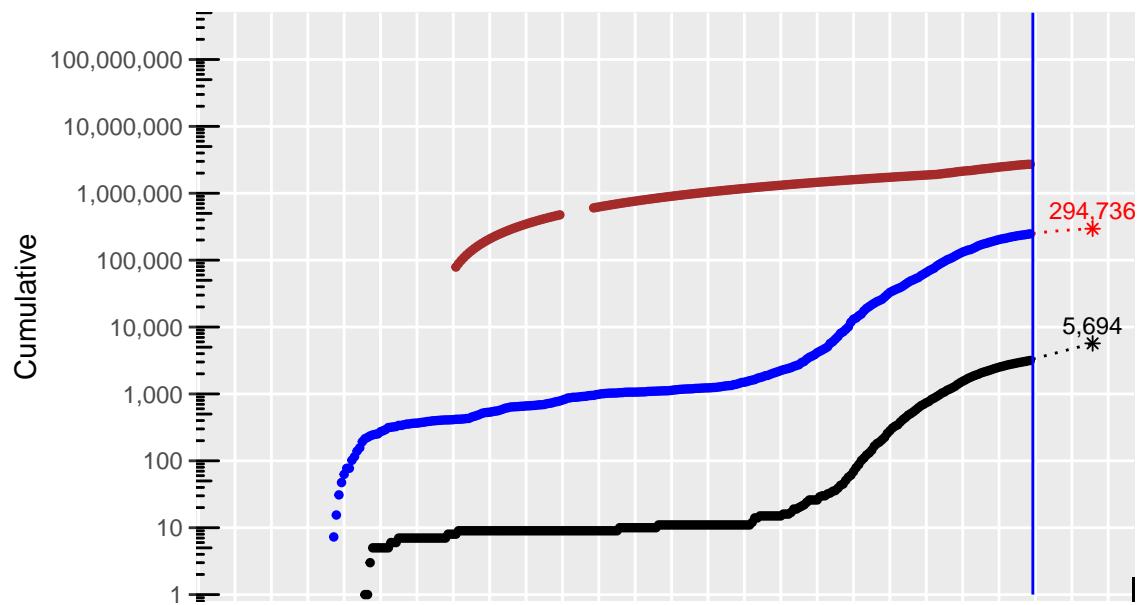
# Rwanda projection as of 2020-12-09



# Israel projection as of 2020-12-09

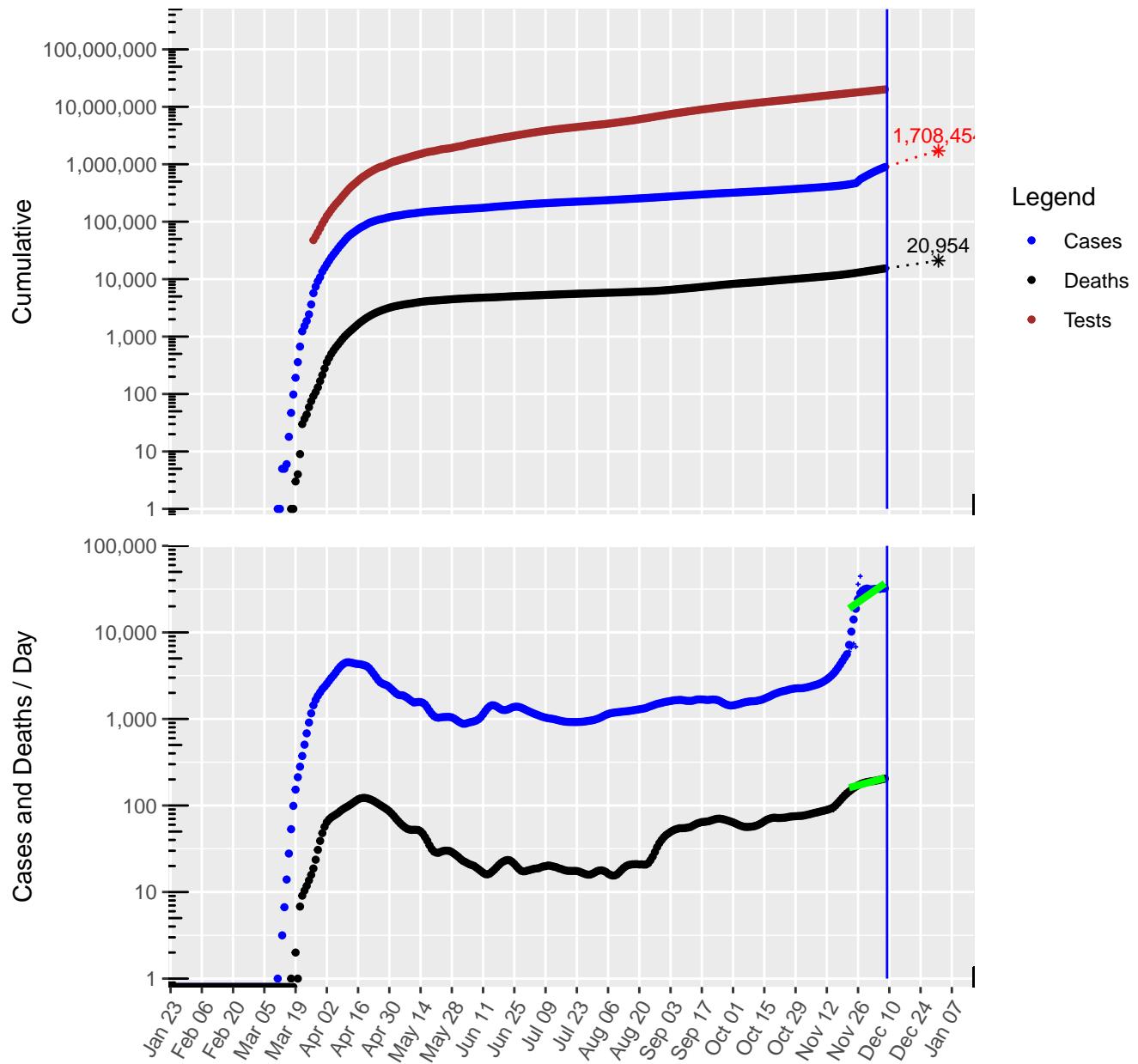


# Jordan projection as of 2020-12-09

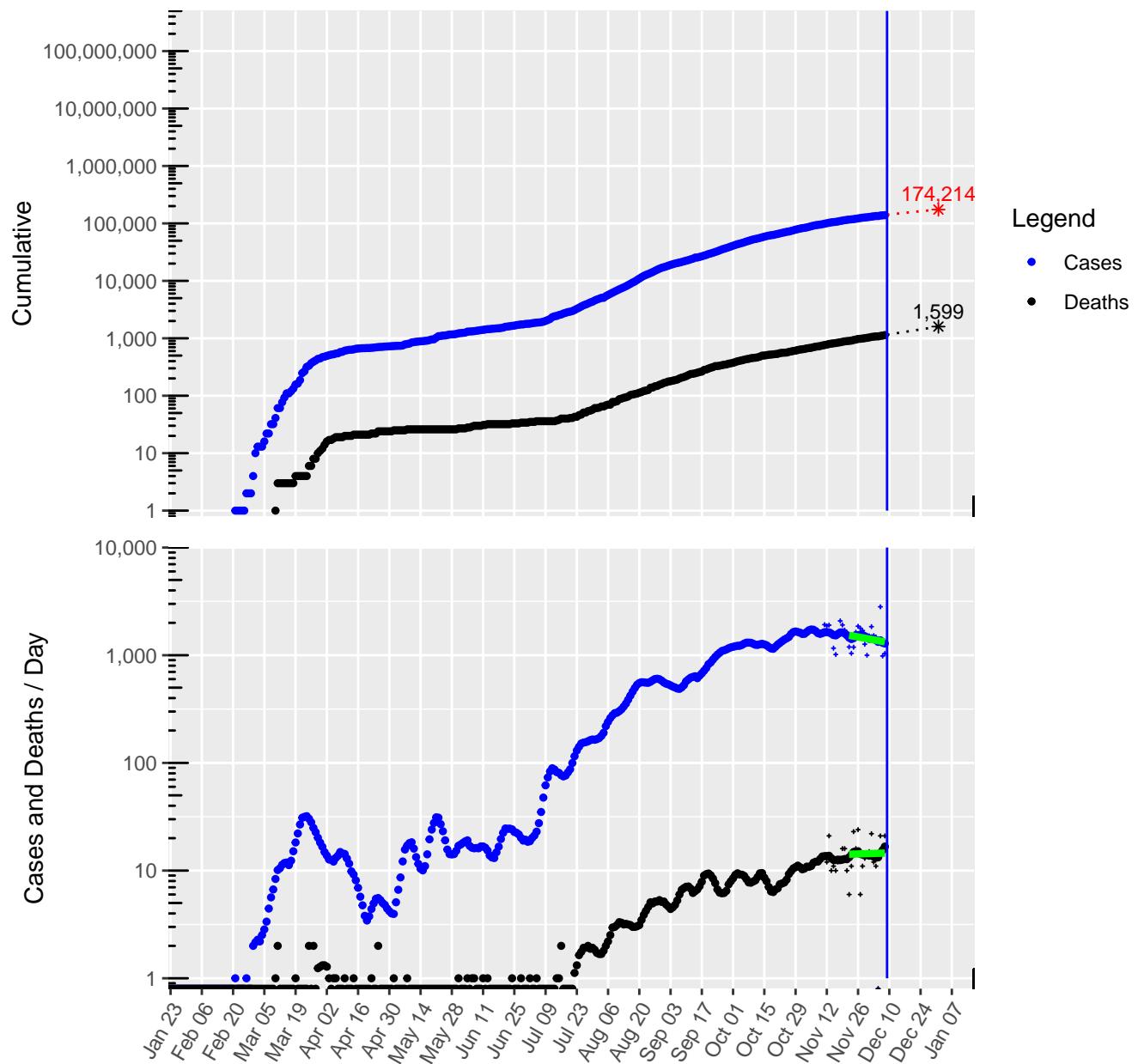


Deaths: 3,162 (46) — Case Mortality: 1.3% — Daily Change: -2.9% Cases, -1.6% Deaths (over 16 days)

# Turkey projection as of 2020-12-09

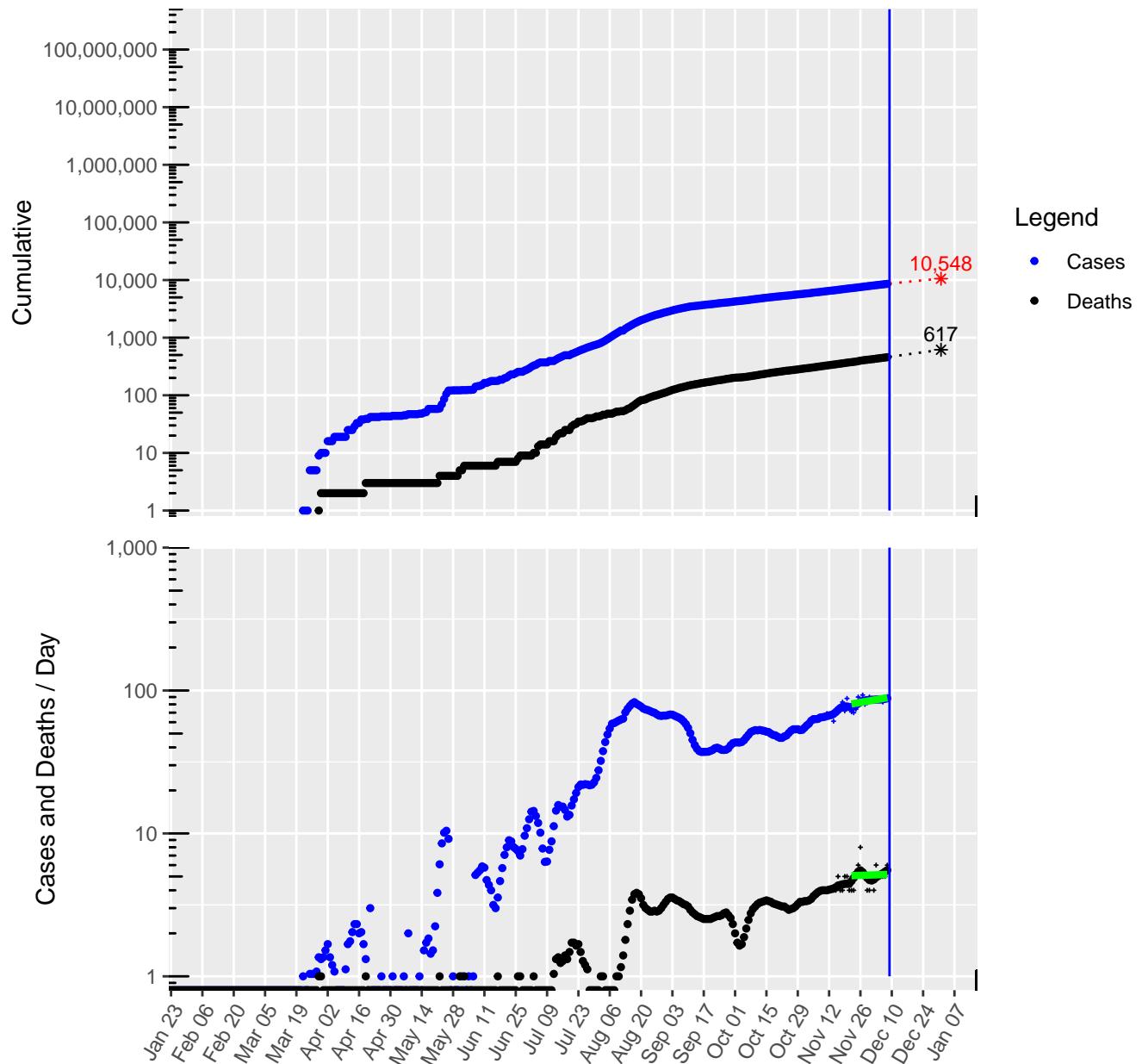


# Lebanon projection as of 2020-12-09

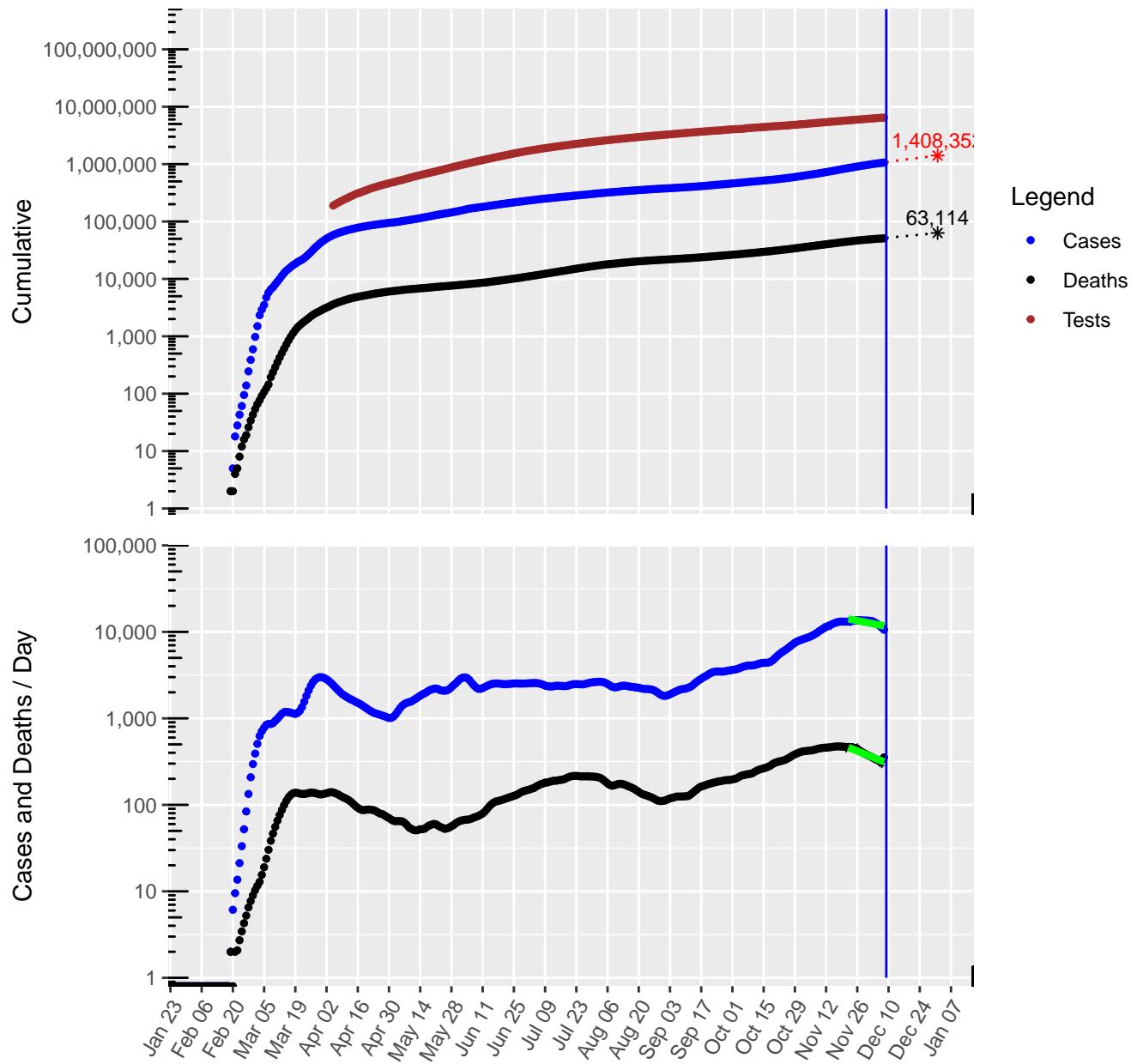


Deaths: 1,136 (21) — Case Mortality: 0.8% — Daily Change: -0.9% Cases, +0.2% Deaths (over 16 days)

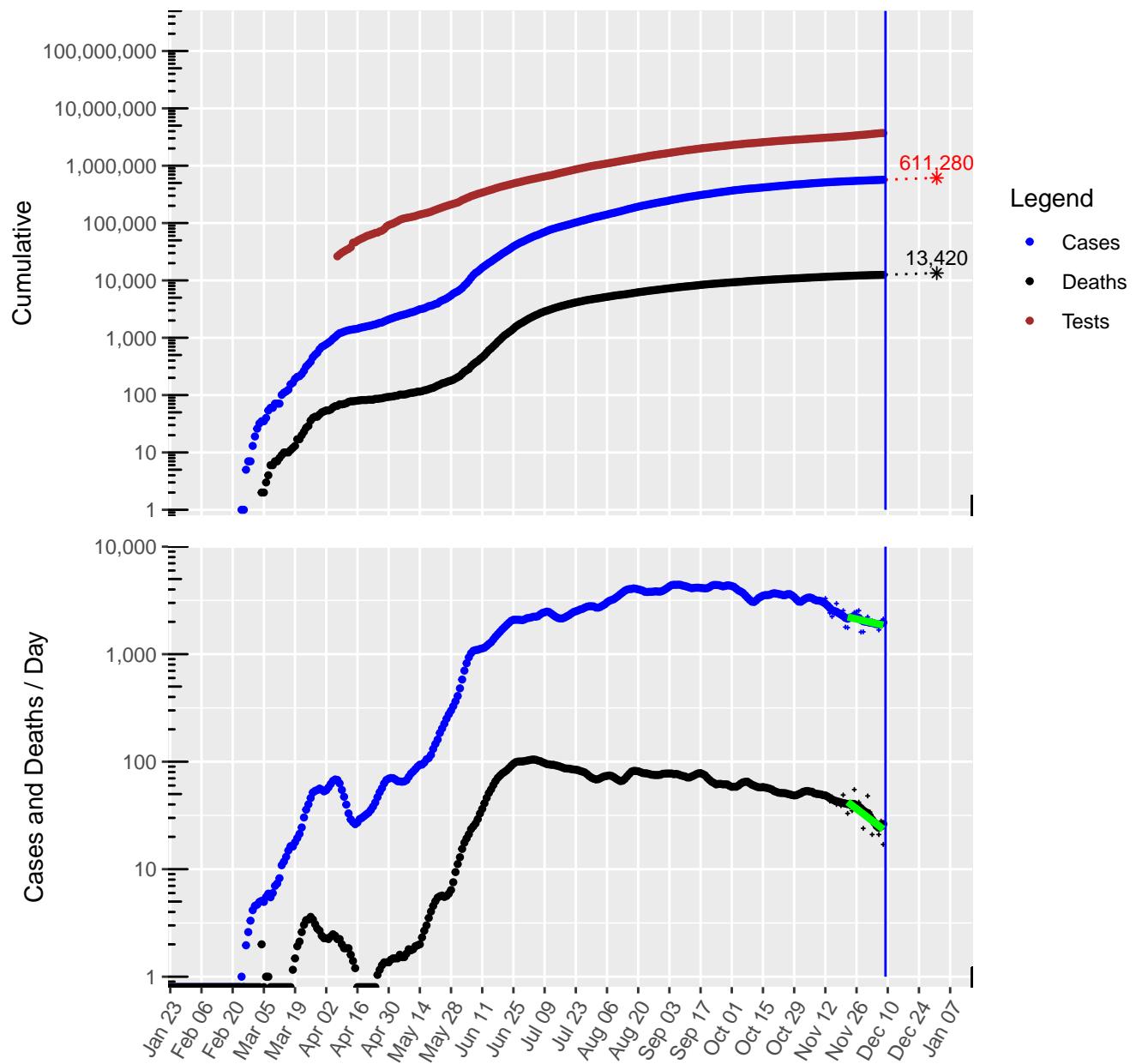
# Syria projection as of 2020-12-09



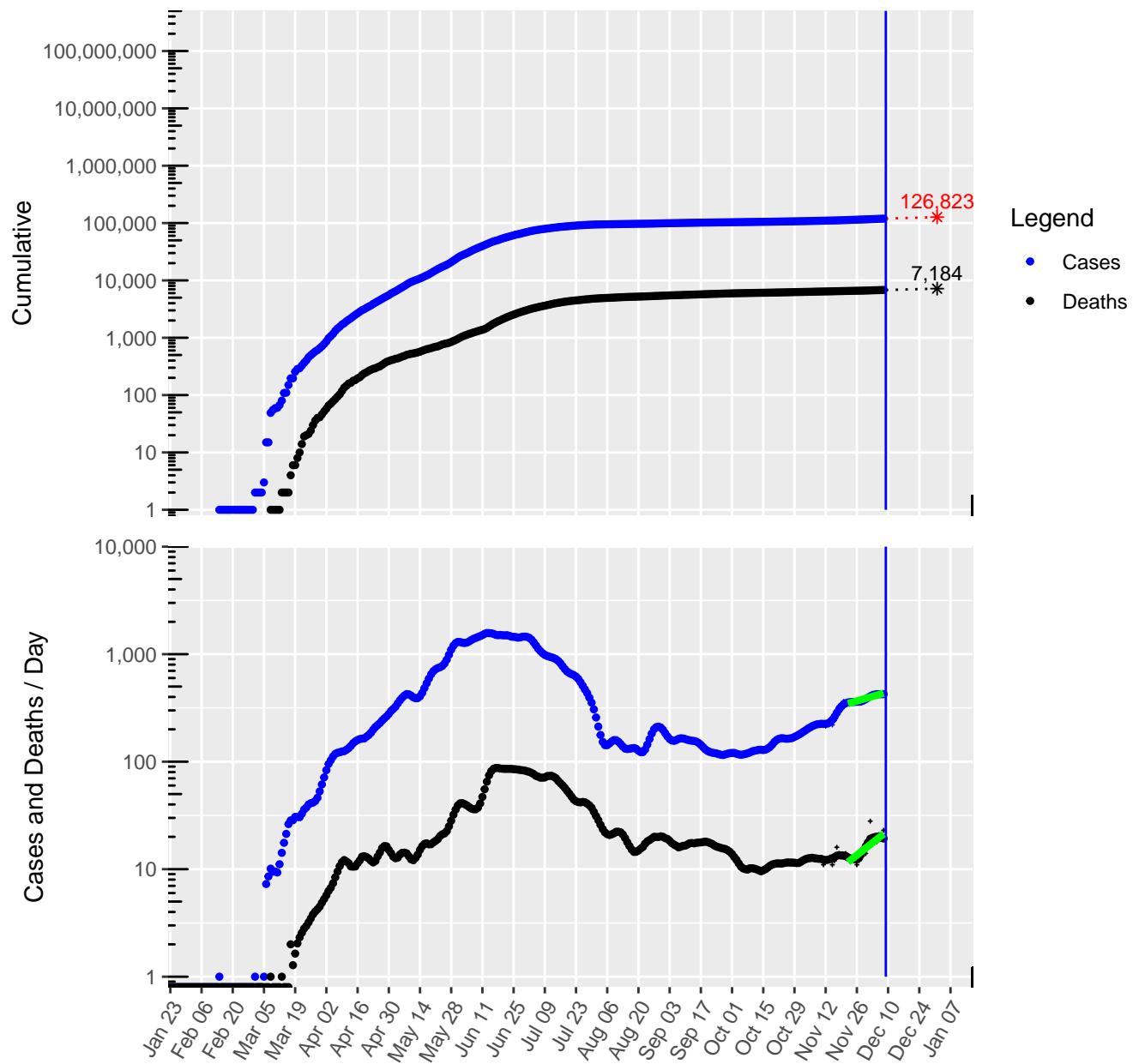
# Iran projection as of 2020-12-09



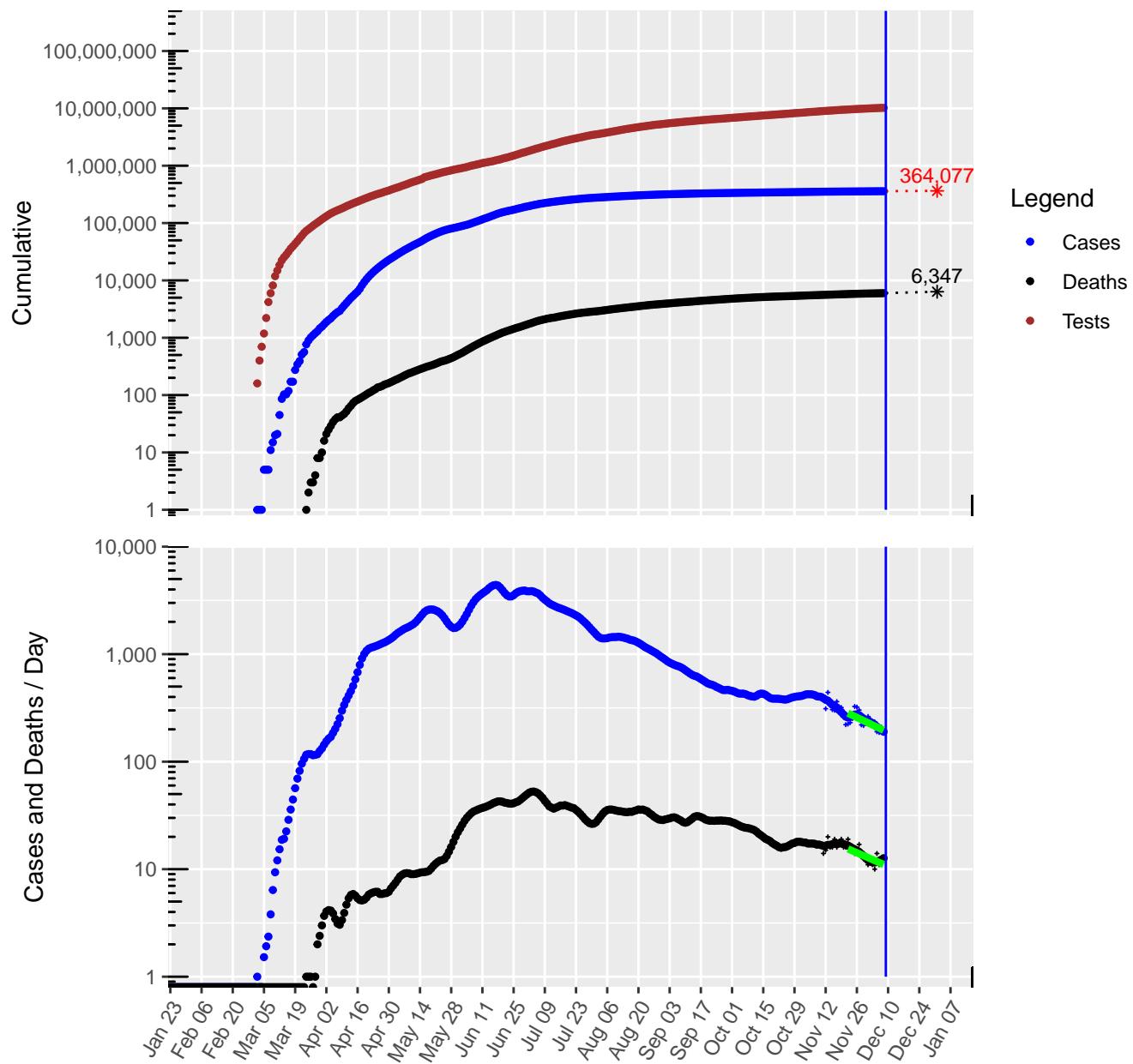
# Iraq projection as of 2020-12-09



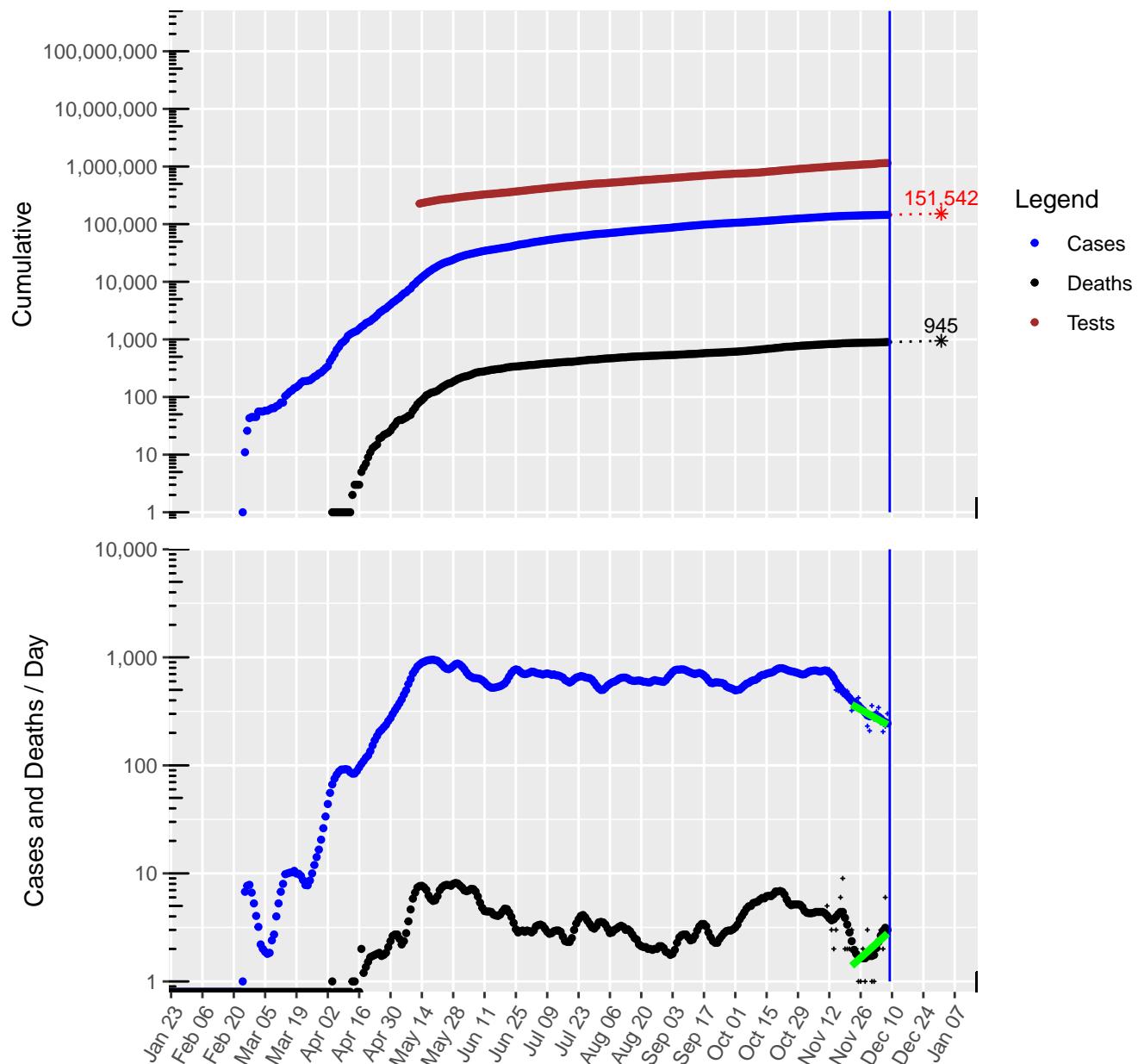
# Egypt projection as of 2020-12-09



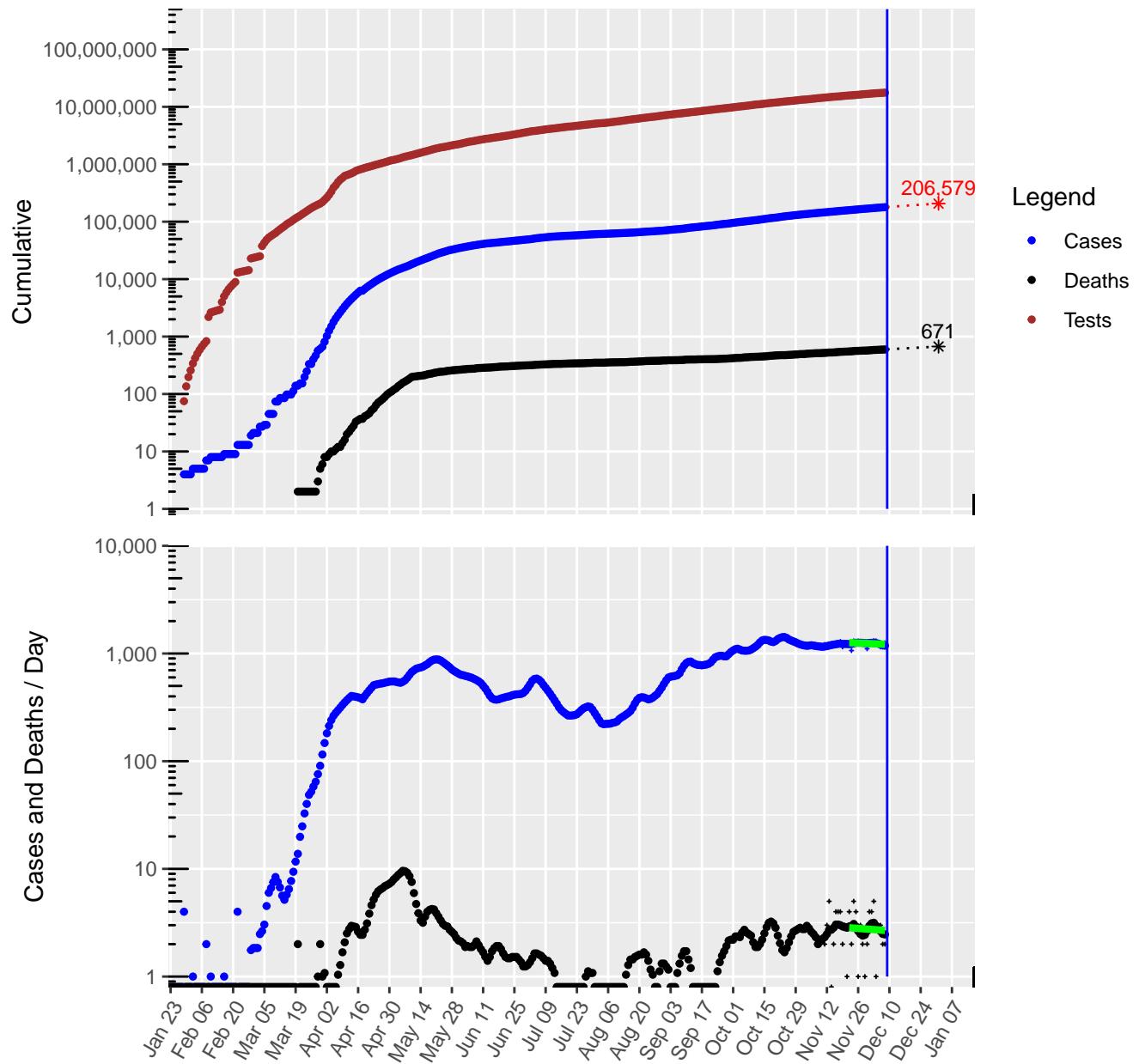
# Saudi Arabia projection as of 2020-12-09



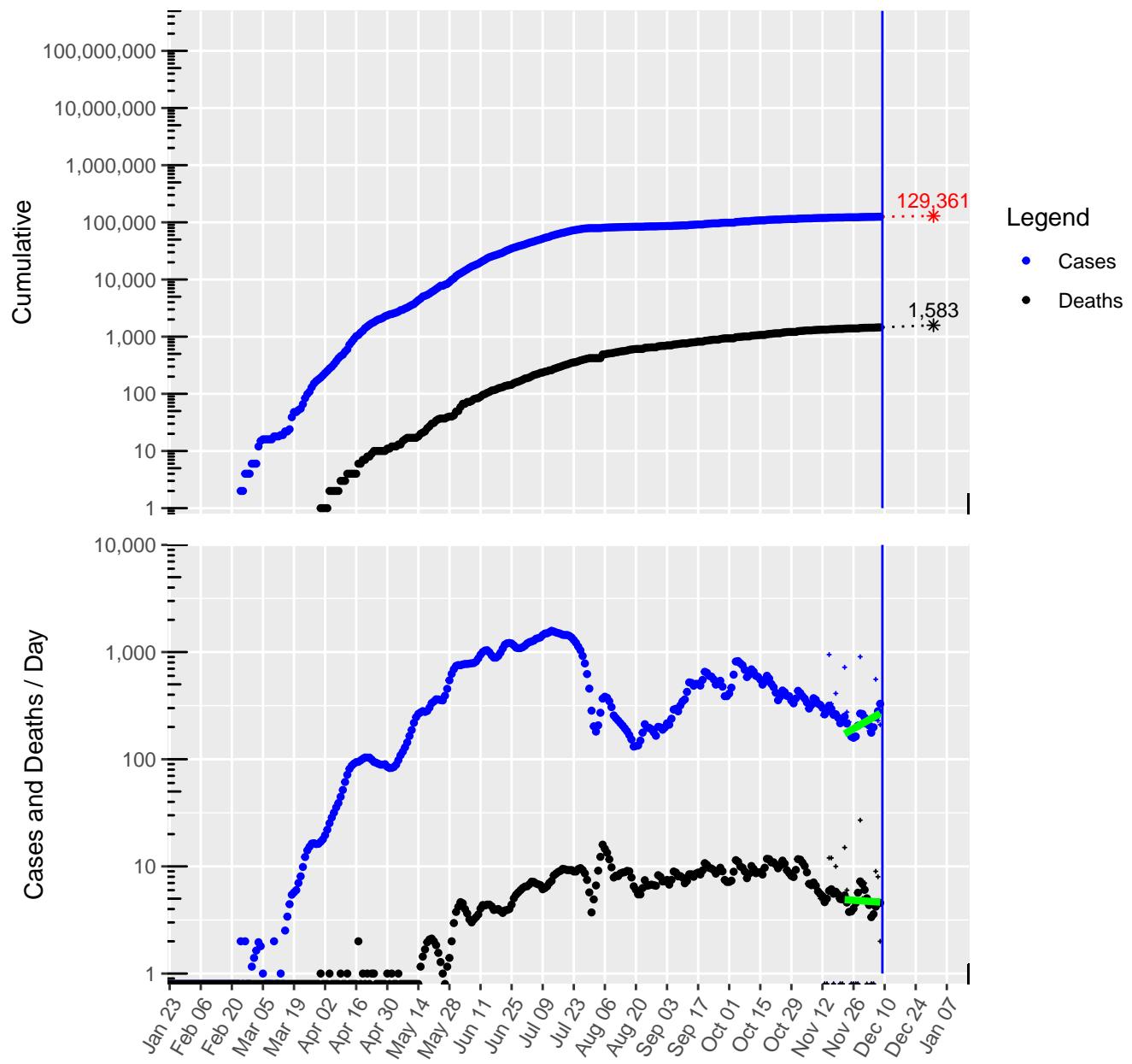
# Kuwait projection as of 2020-12-09



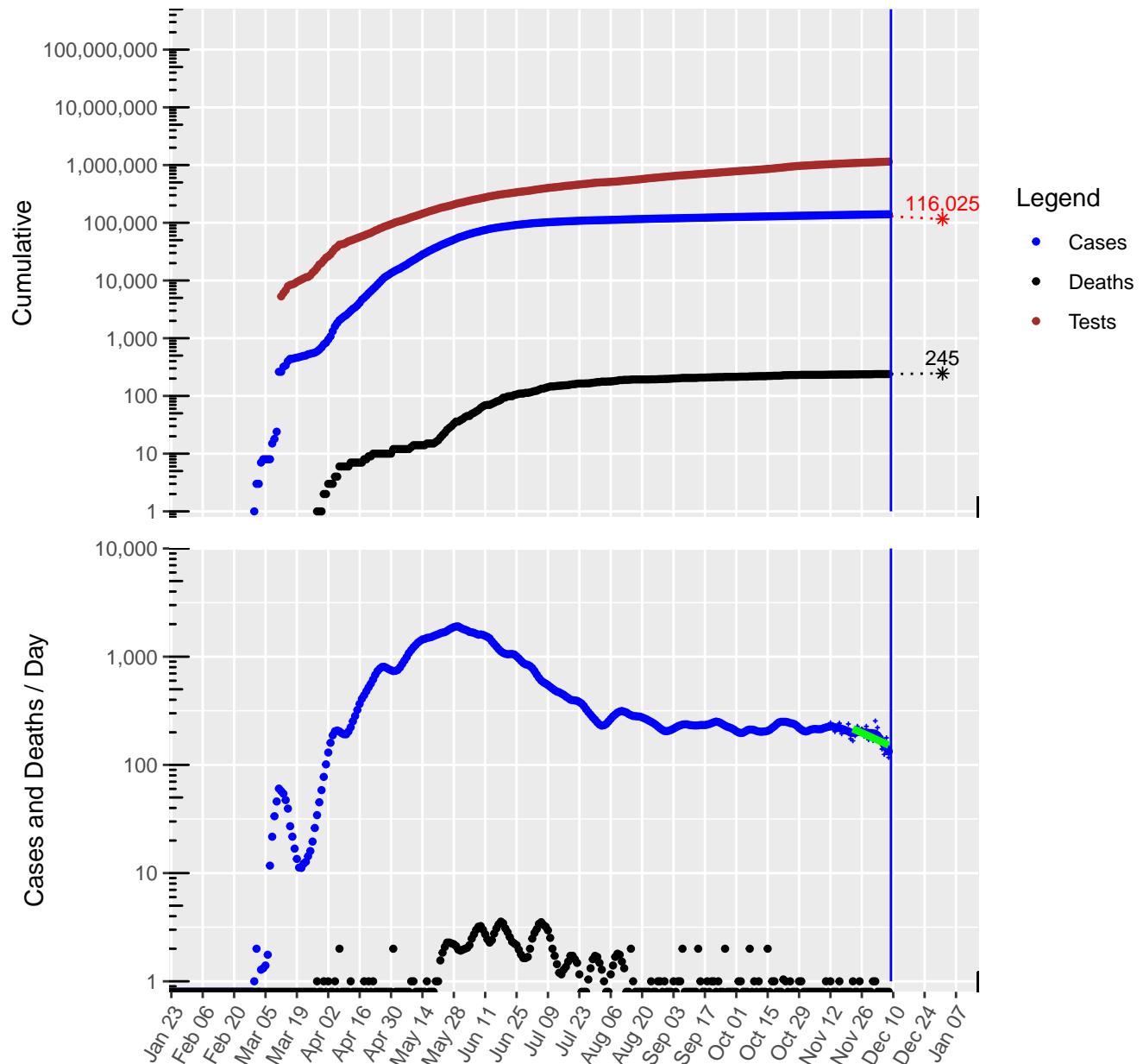
# United Arab Emirates projection as of 2020-12-09



# Oman projection as of 2020-12-09

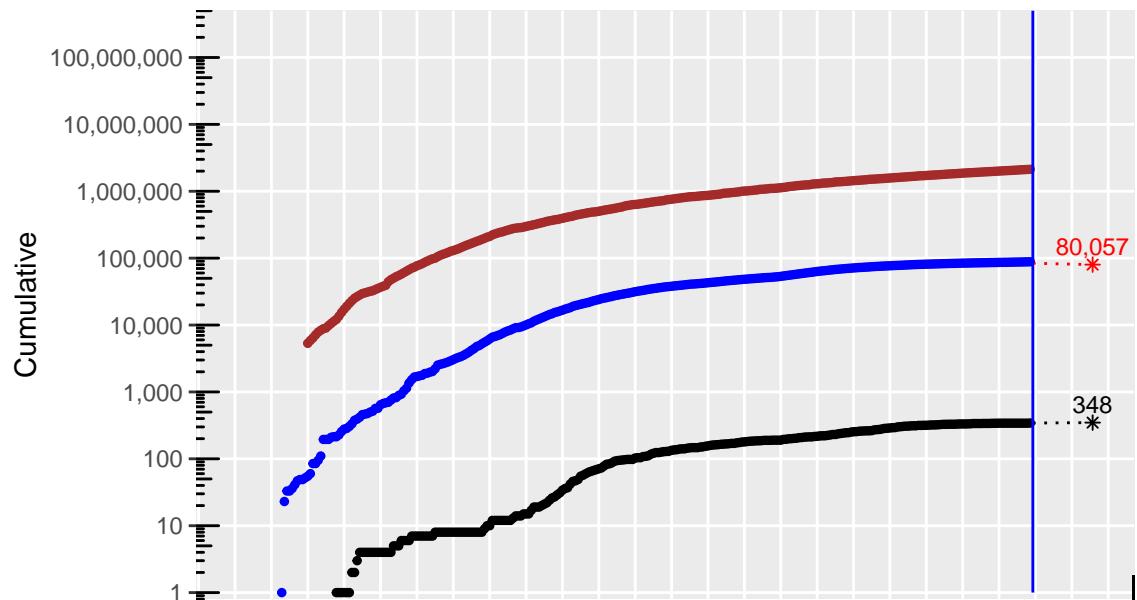


# Qatar projection as of 2020-12-09



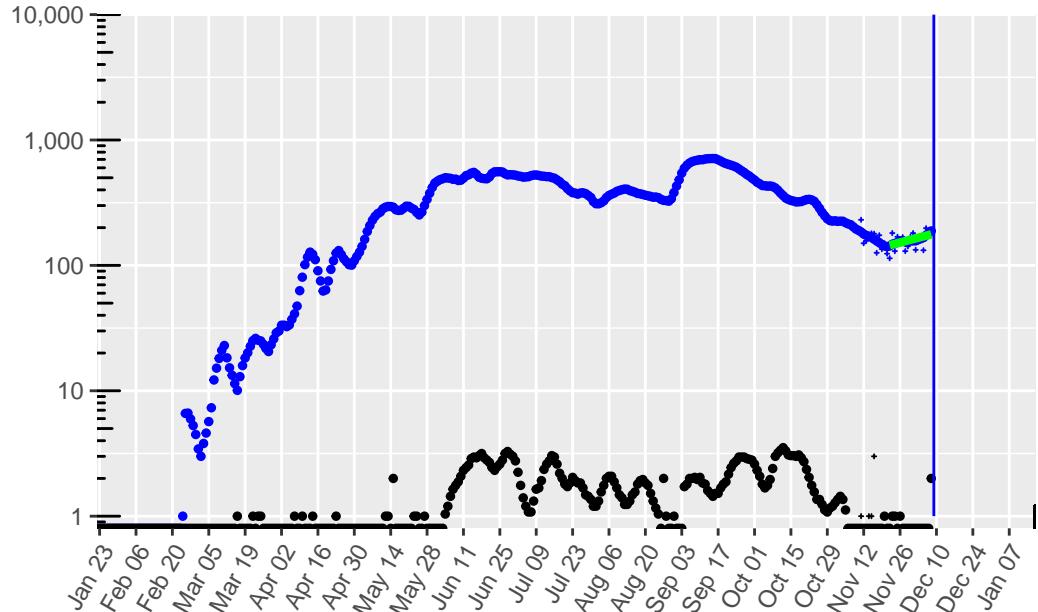
Deaths: 239 (0) — Case Mortality: 0.2% — Daily Change: -2.3% Cases, -5.5% Deaths (over 16 days)

# Bahrain projection as of 2020-12-09



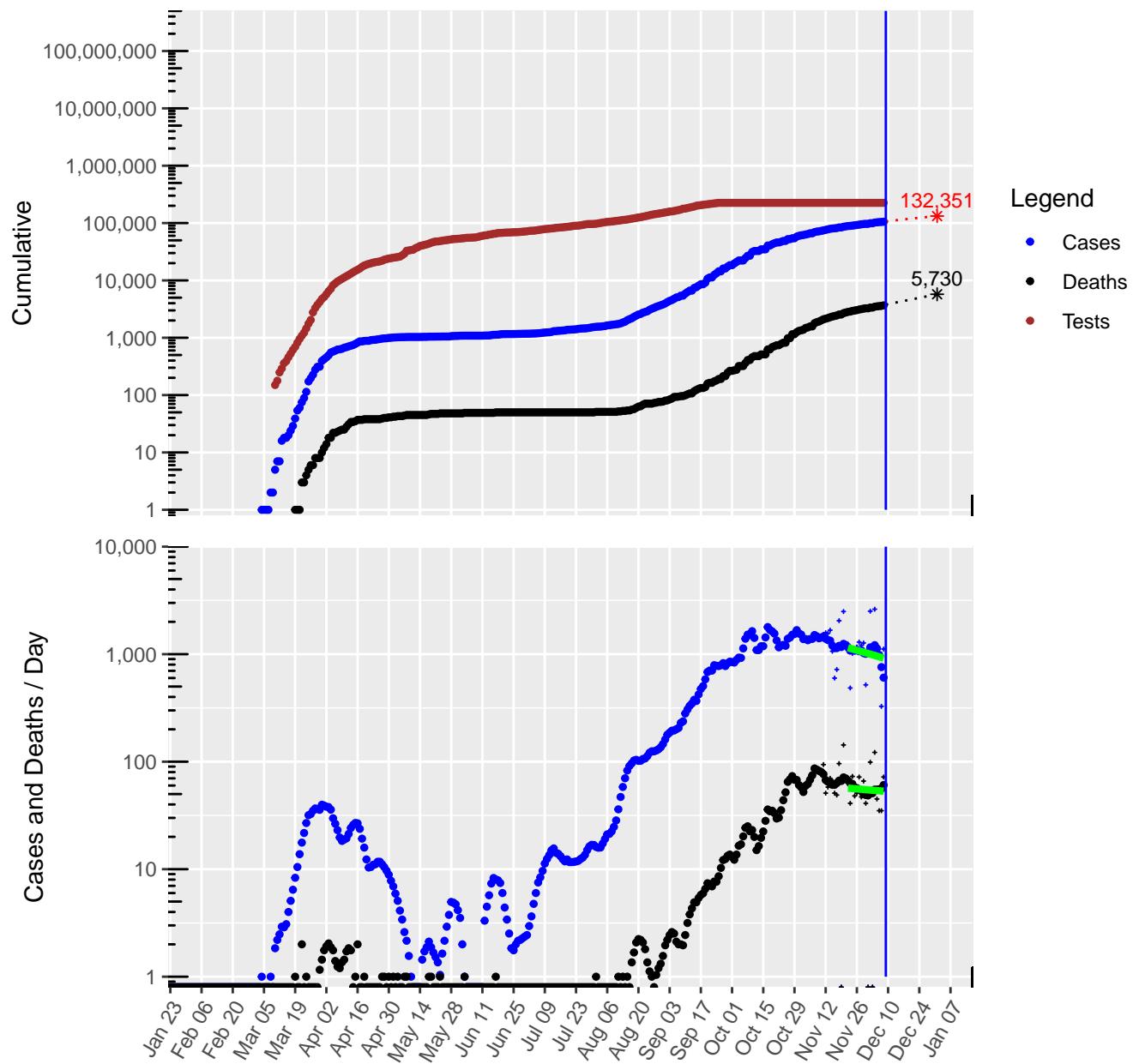
Legend

- Cases
- Deaths
- Tests



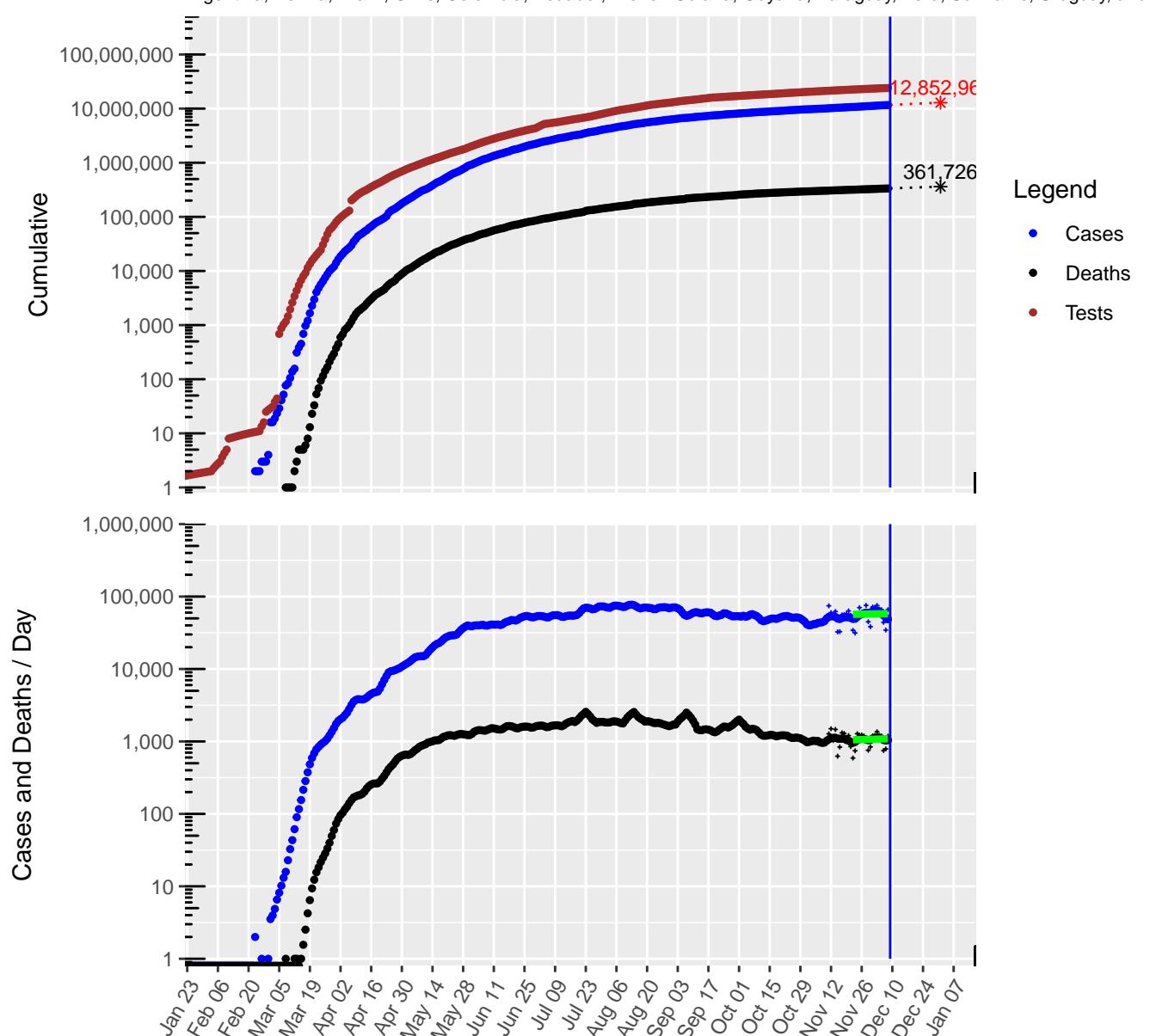
Deaths: 343 (2) — Case Mortality: 0.4% — Daily Change: +1.3% Cases, -3.3% Deaths (over 16 days)

# Tunisia projection as of 2020-12-09



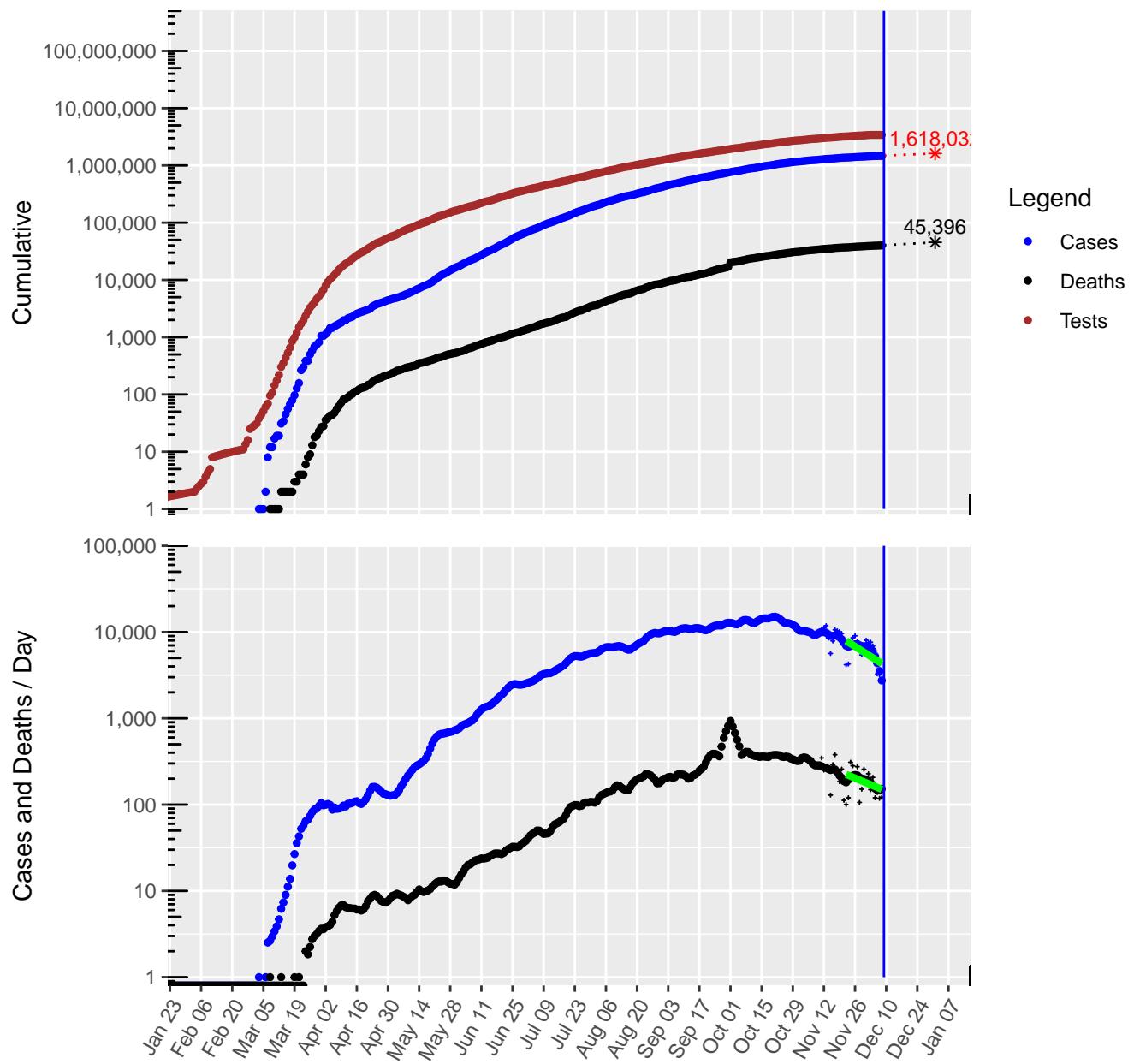
# South America projection as of 2020-12-09

Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, and Venezuela

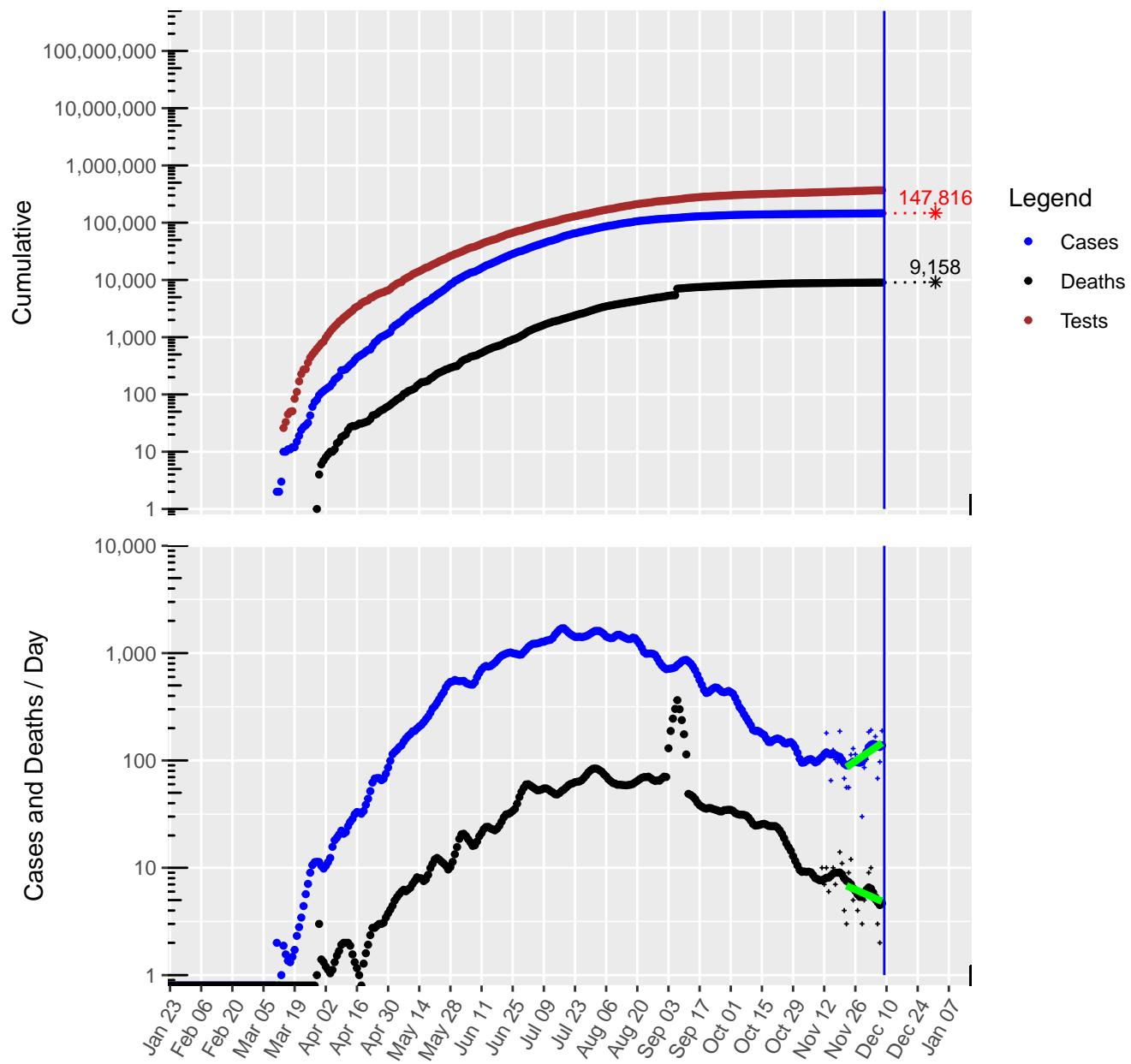


: 334,319 (1,184) --- Case Mortality: 2.9% --- Daily Change: +0.1% Cases, +0.2% Deaths (over 16 days)

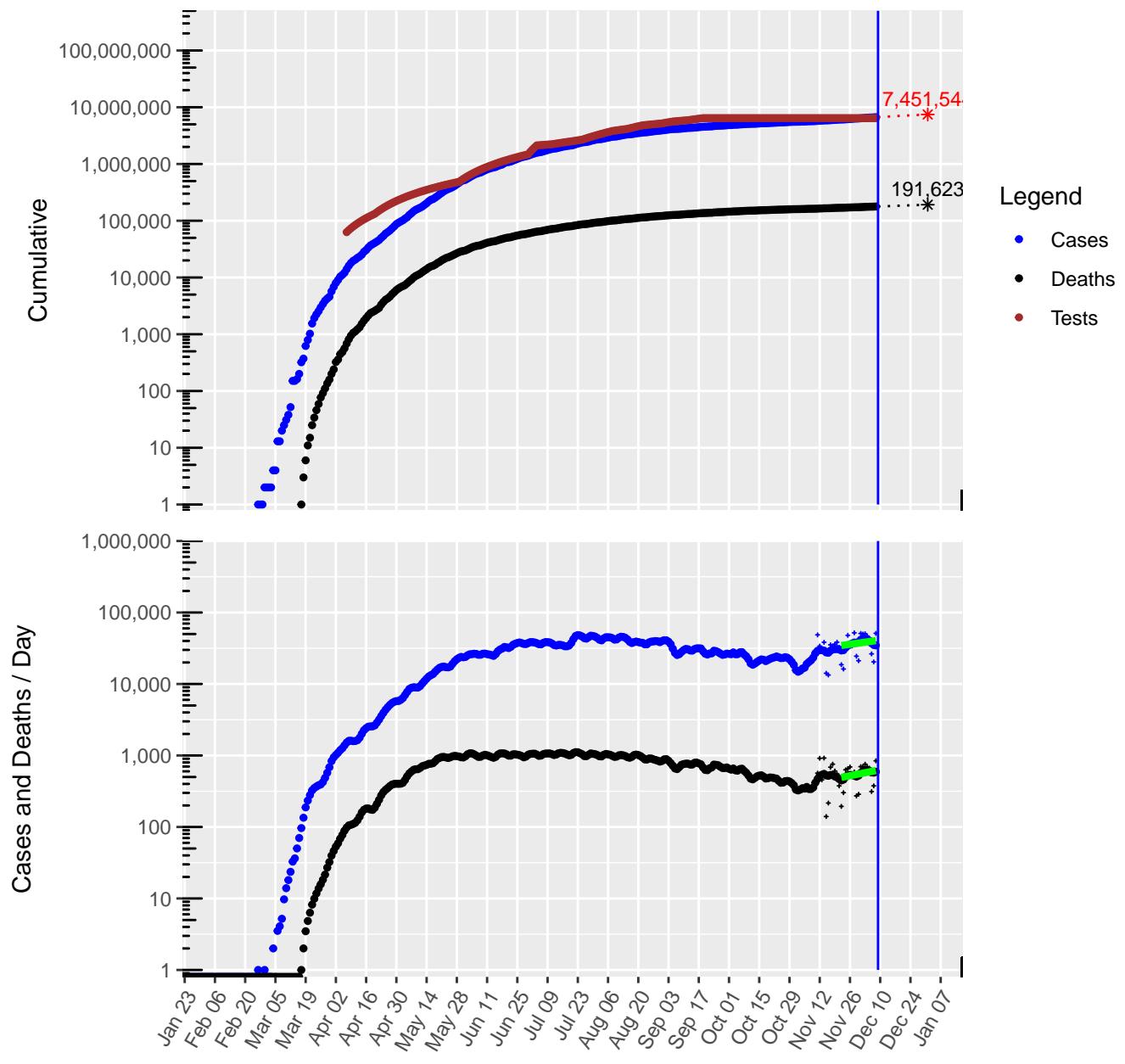
# Argentina projection as of 2020-12-09



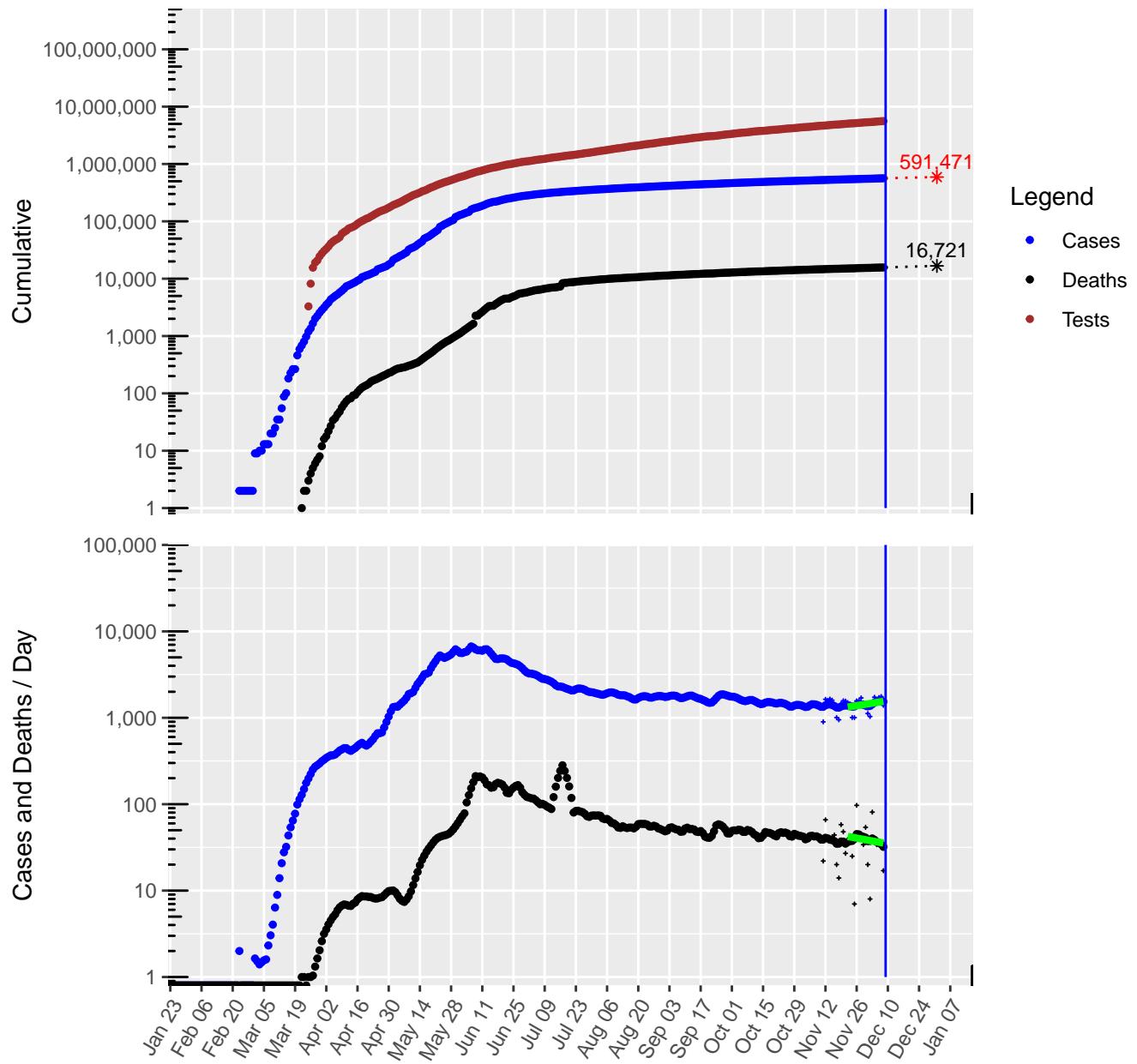
# Bolivia projection as of 2020-12-09



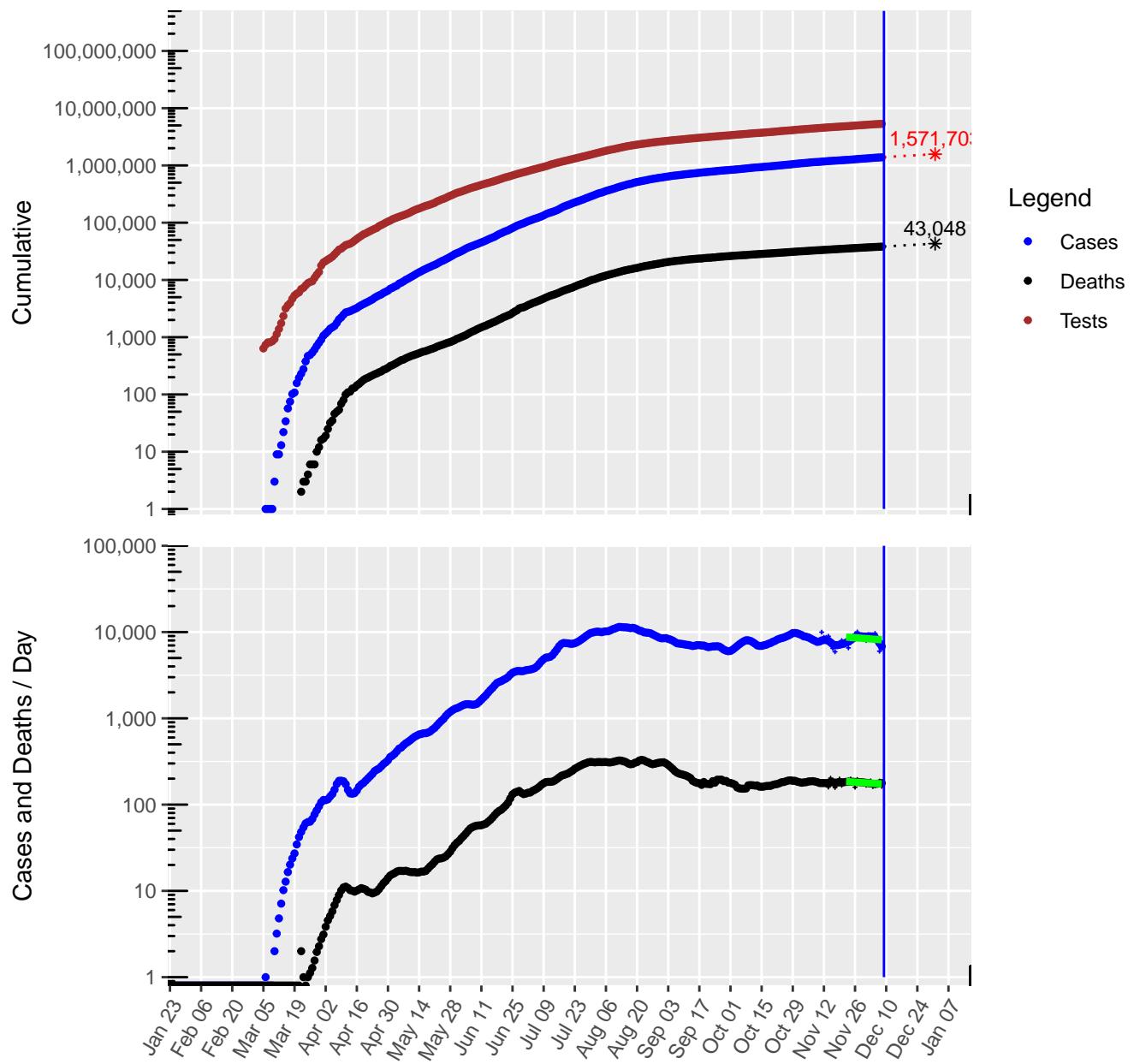
# Brazil projection as of 2020-12-09



# Chile projection as of 2020-12-09

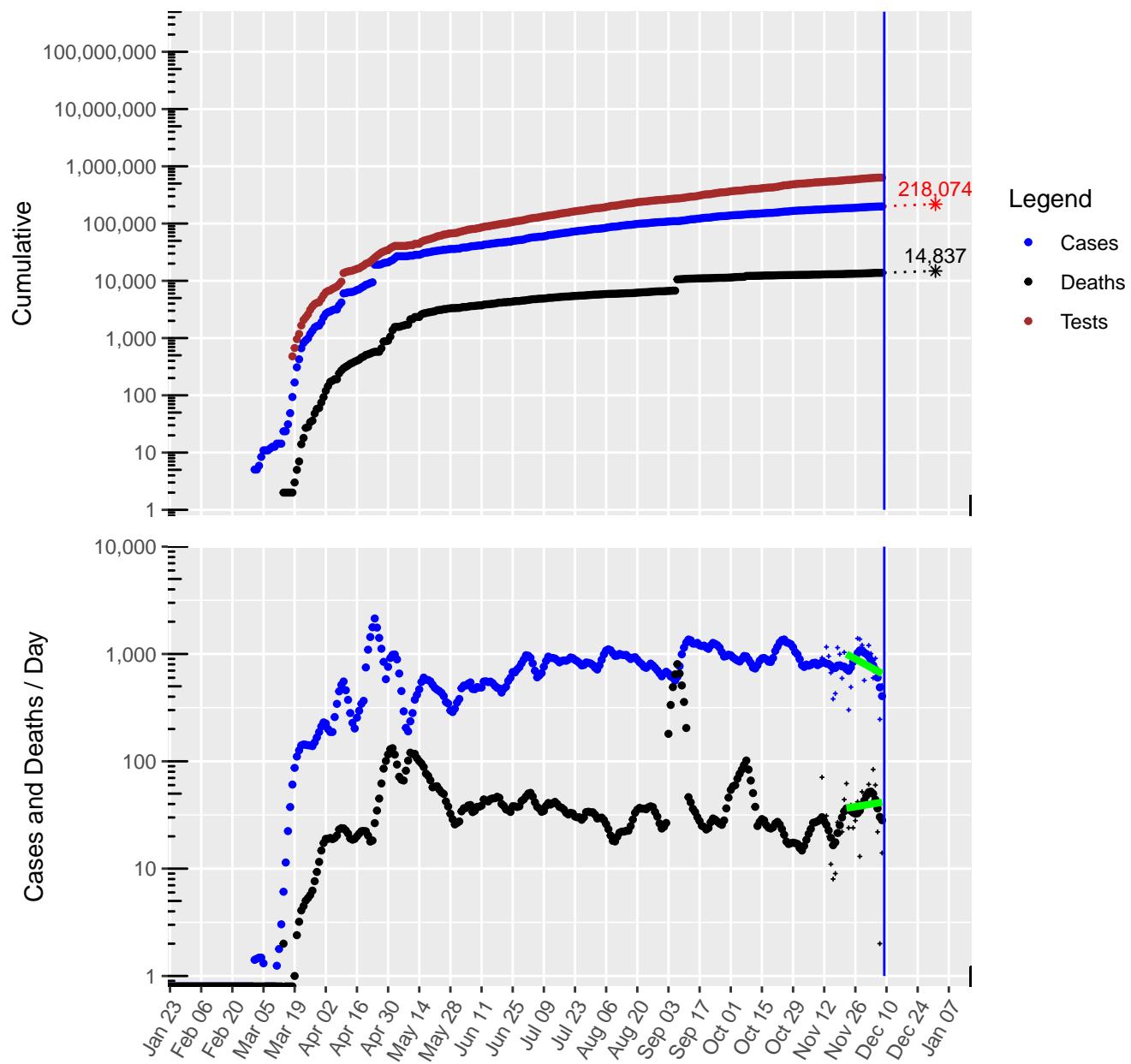


# Colombia projection as of 2020-12-09



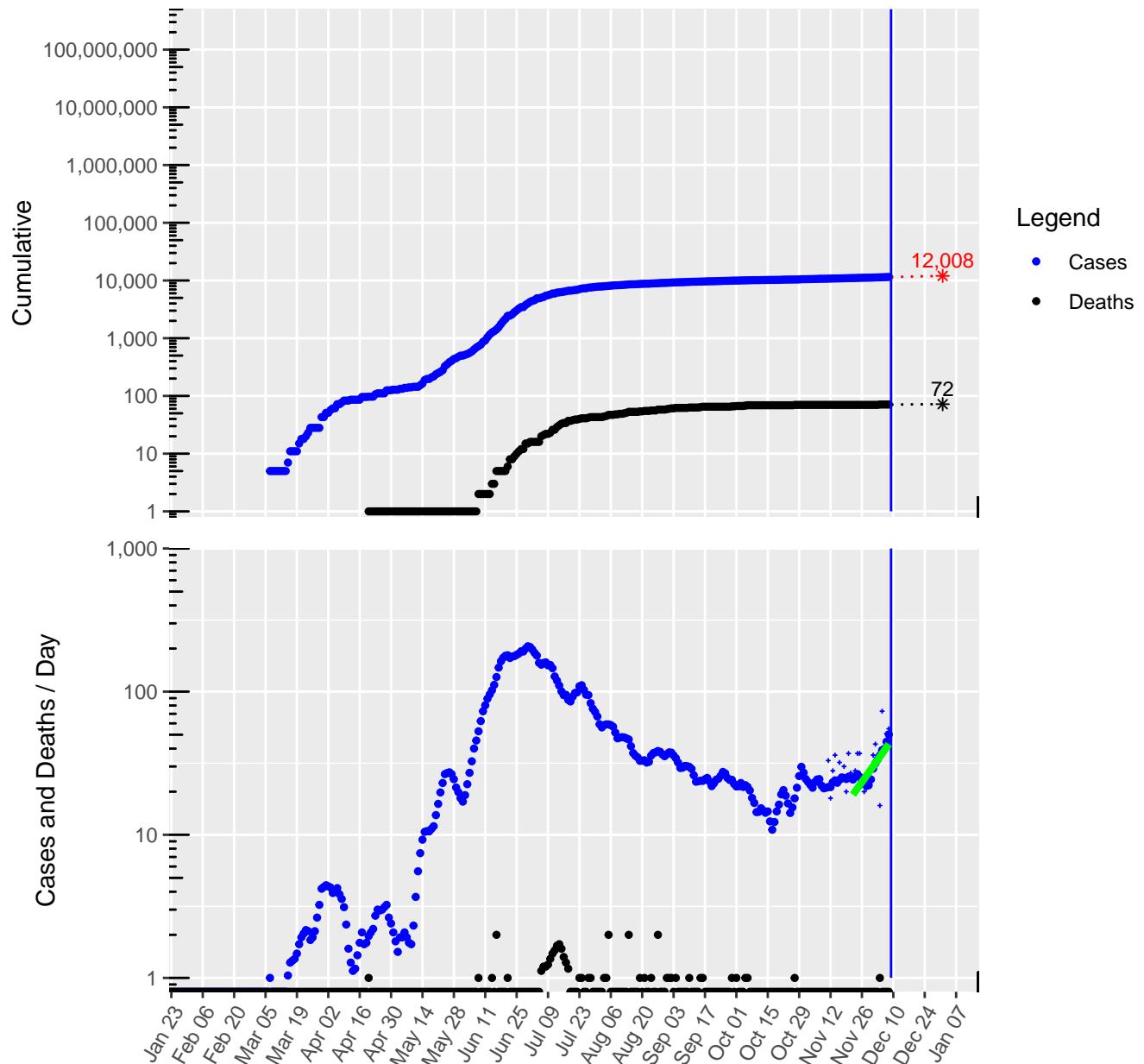
ths: 38,158 (163) --- Case Mortality: 2.8% --- Daily Change: -0.5% Cases, -0.4% Deaths (over 16 days)

# Ecuador projection as of 2020-12-09



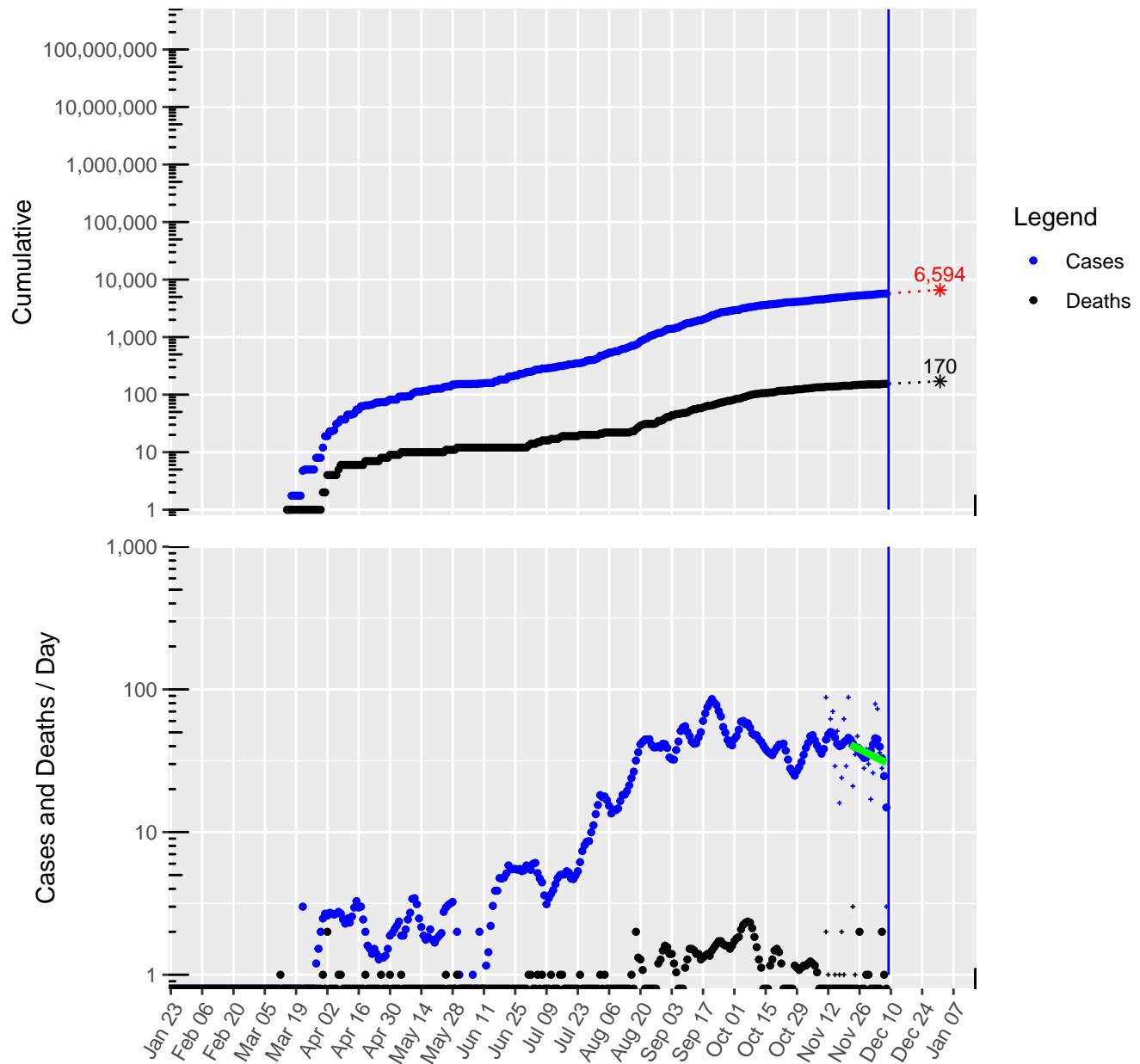
Deaths: 13,794 (14) — Case Mortality: 6.9% — Daily Change: -2.8% Cases, +0.8% Deaths (over 16 days)

# French Guiana projection as of 2020-12-09

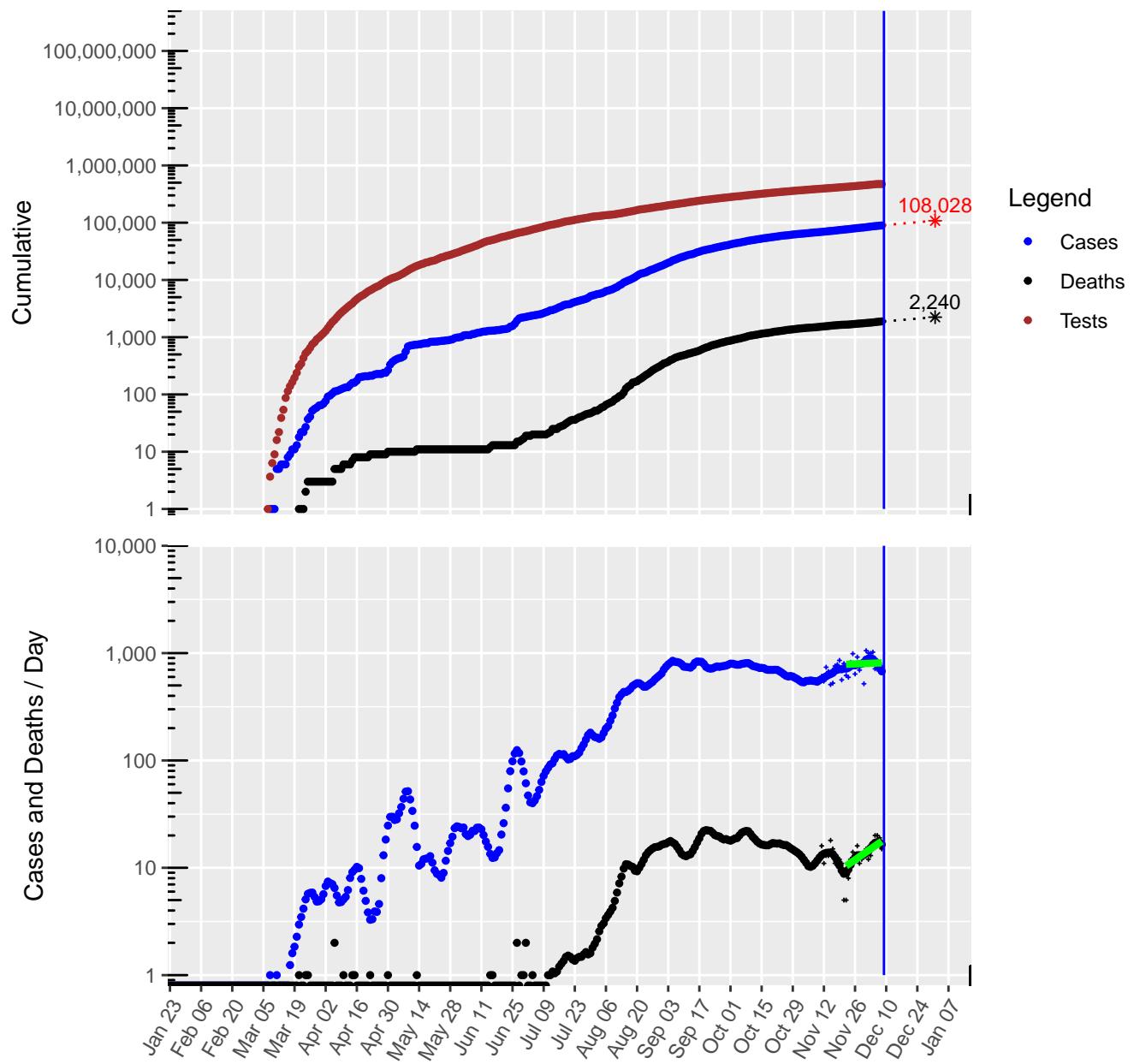


Deaths: 71 (0) — Case Mortality: 0.6% — Daily Change: +5.1% Cases, +16.5% Deaths (over 16 days)

# Guyana projection as of 2020-12-09

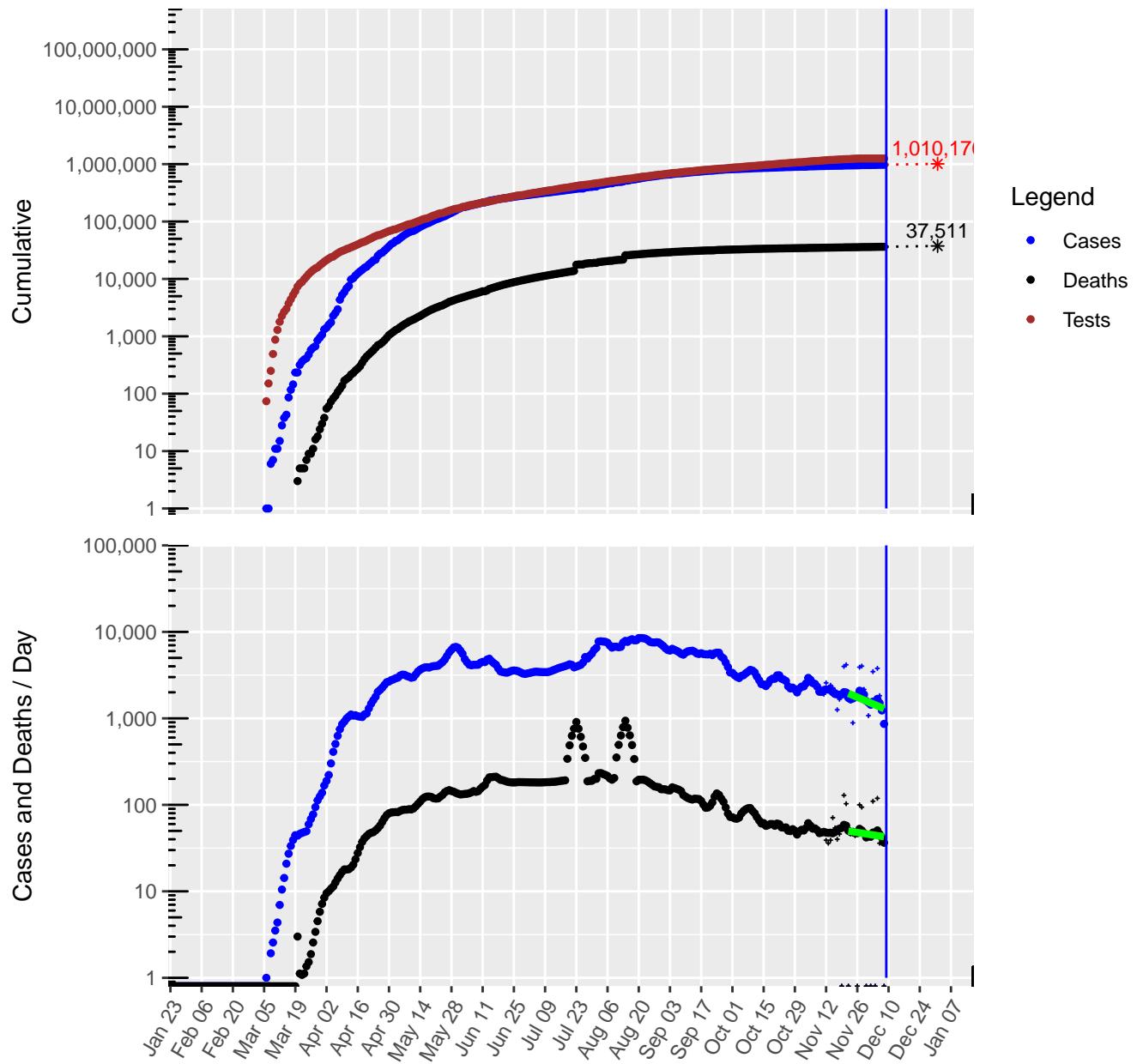


# Paraguay projection as of 2020-12-09



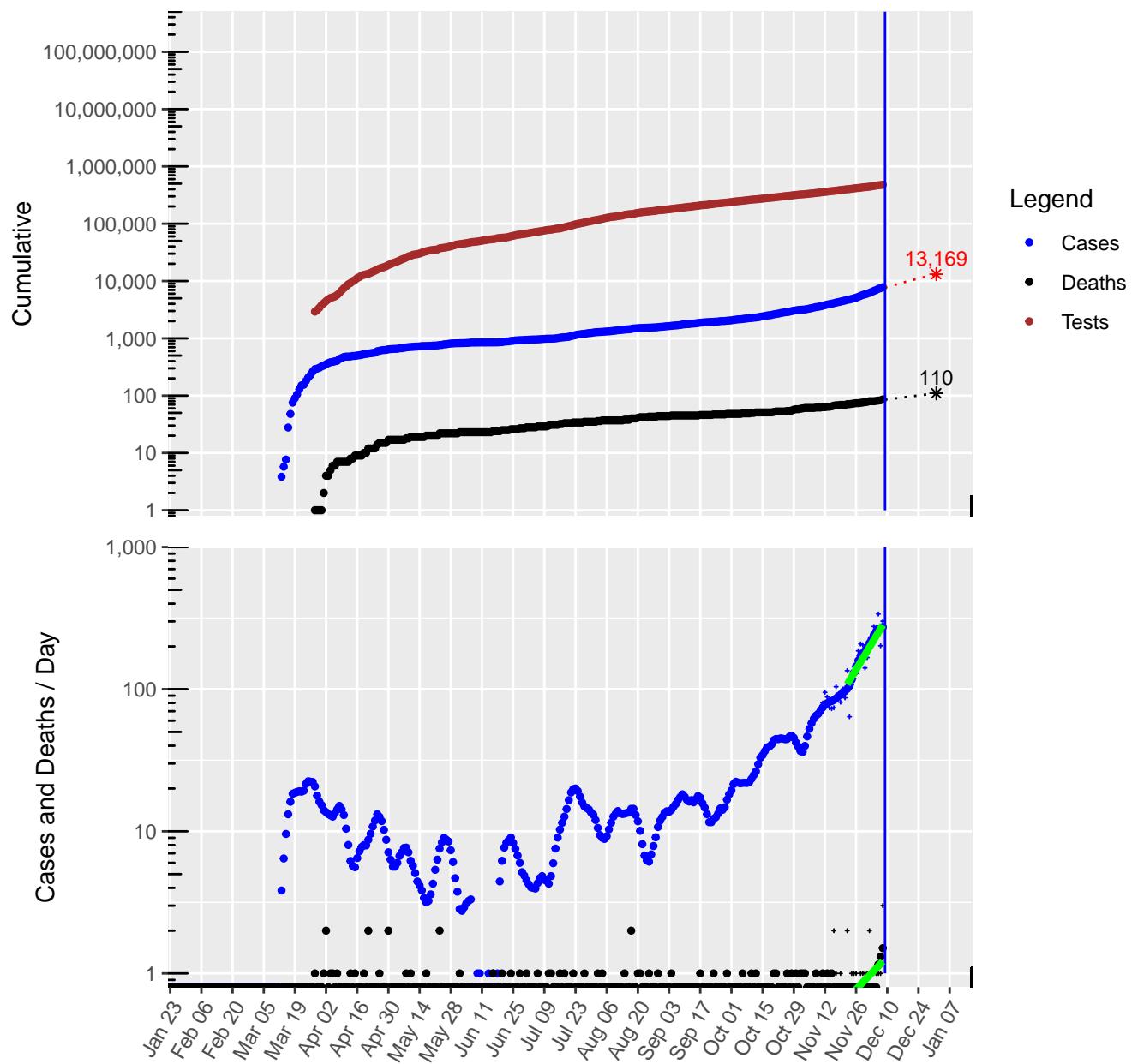
Deaths: 1,887 (15) — Case Mortality: 2.1% — Daily Change: +0.2% Cases, +3.5% Deaths (over 16 days)

# Peru projection as of 2020-12-09

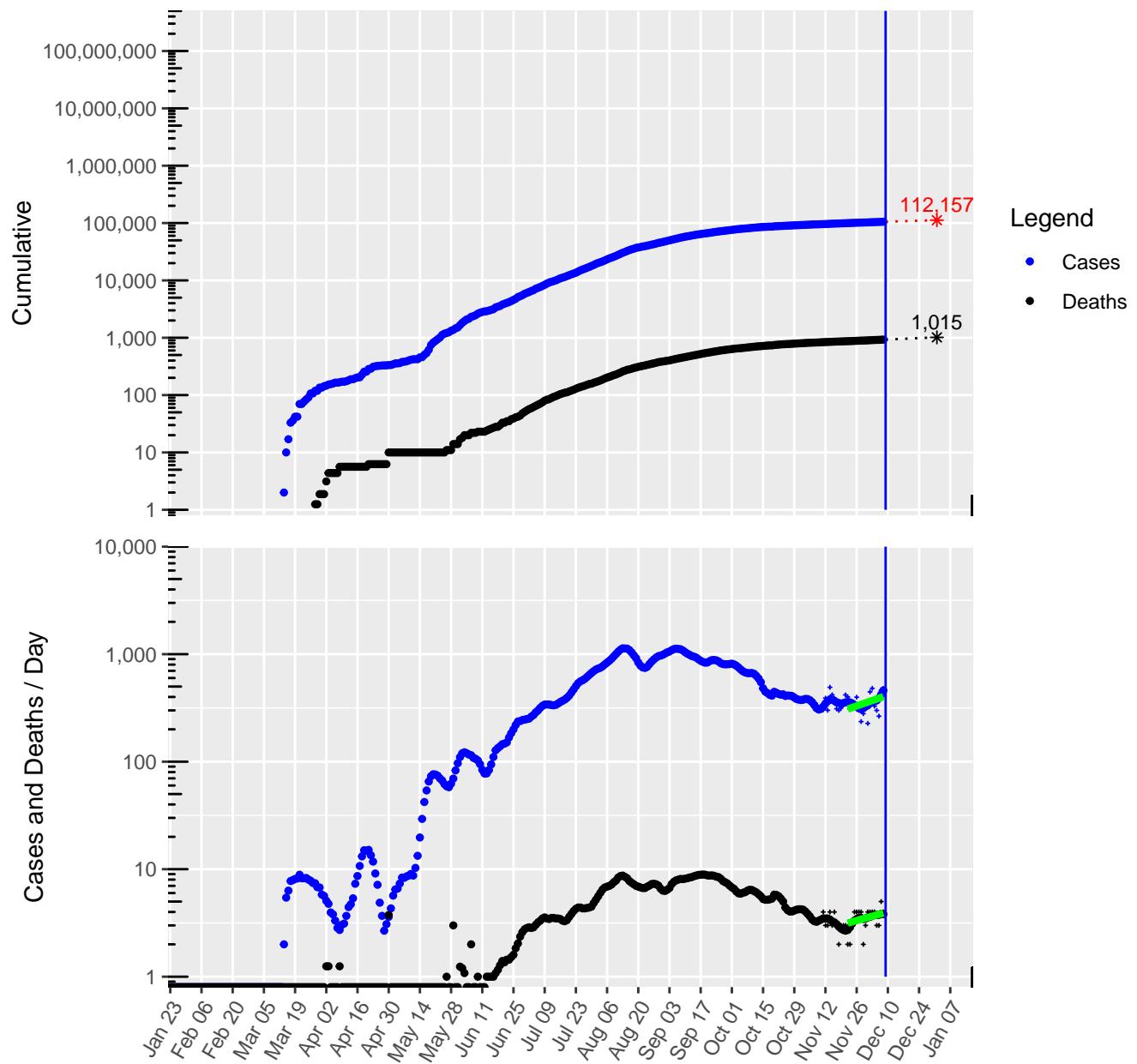


Deaths: 36,274 (0) — Case Mortality: 3.7% — Daily Change: -2.7% Cases, -1.0% Deaths (over 16 days)

# Uruguay projection as of 2020-12-09



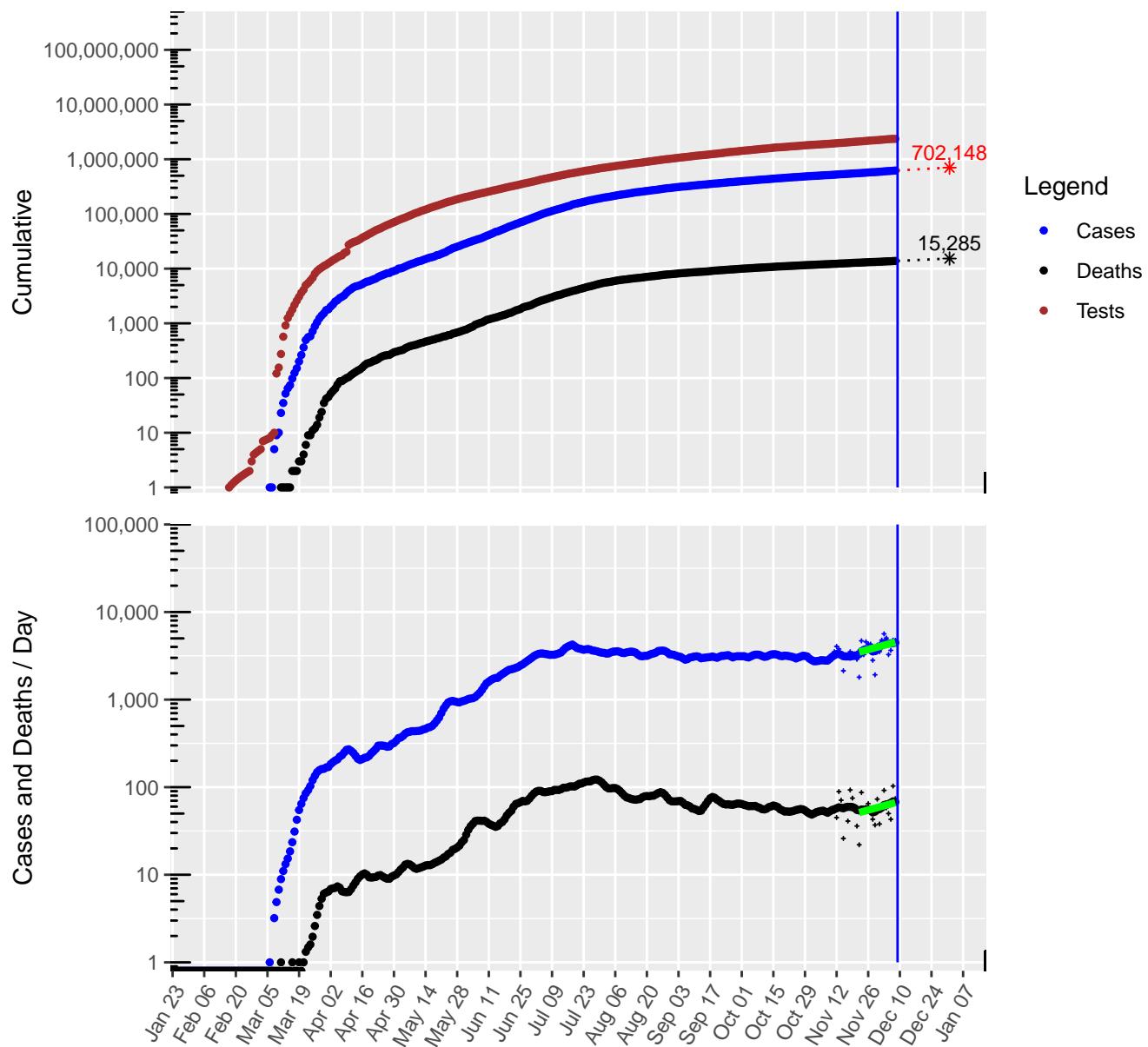
Venezuela projection as of 2020-12-09



Deaths: 928 (4) --- Case Mortality: 0.9% --- Daily Change: +1.8% Cases, +1.4% Deaths (over 16 days)

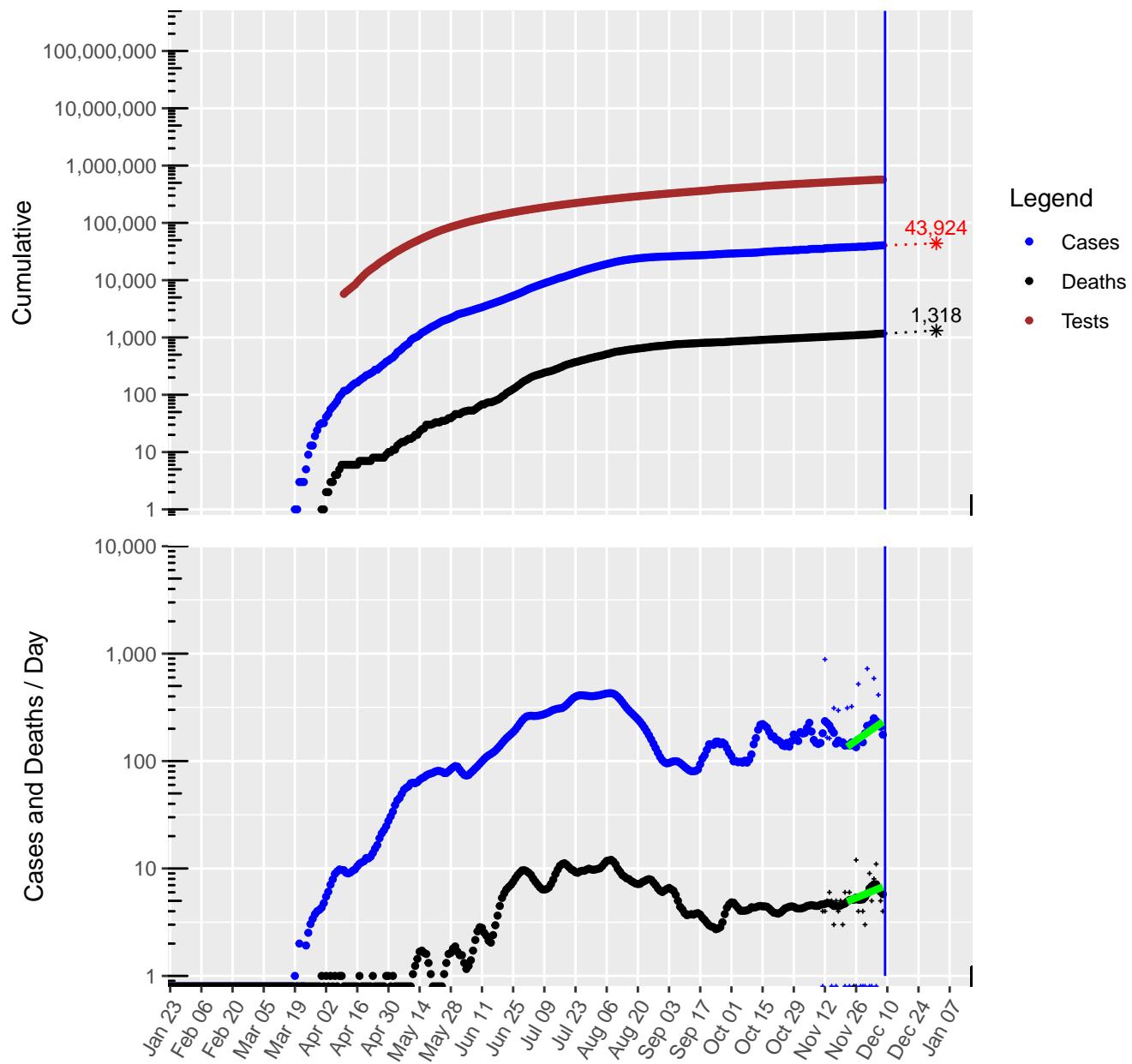
# Central America projection as of 2020-12-09

El Salvador, Costa Rica, Belize, Guatemala, Honduras, Nicaragua, and Panama

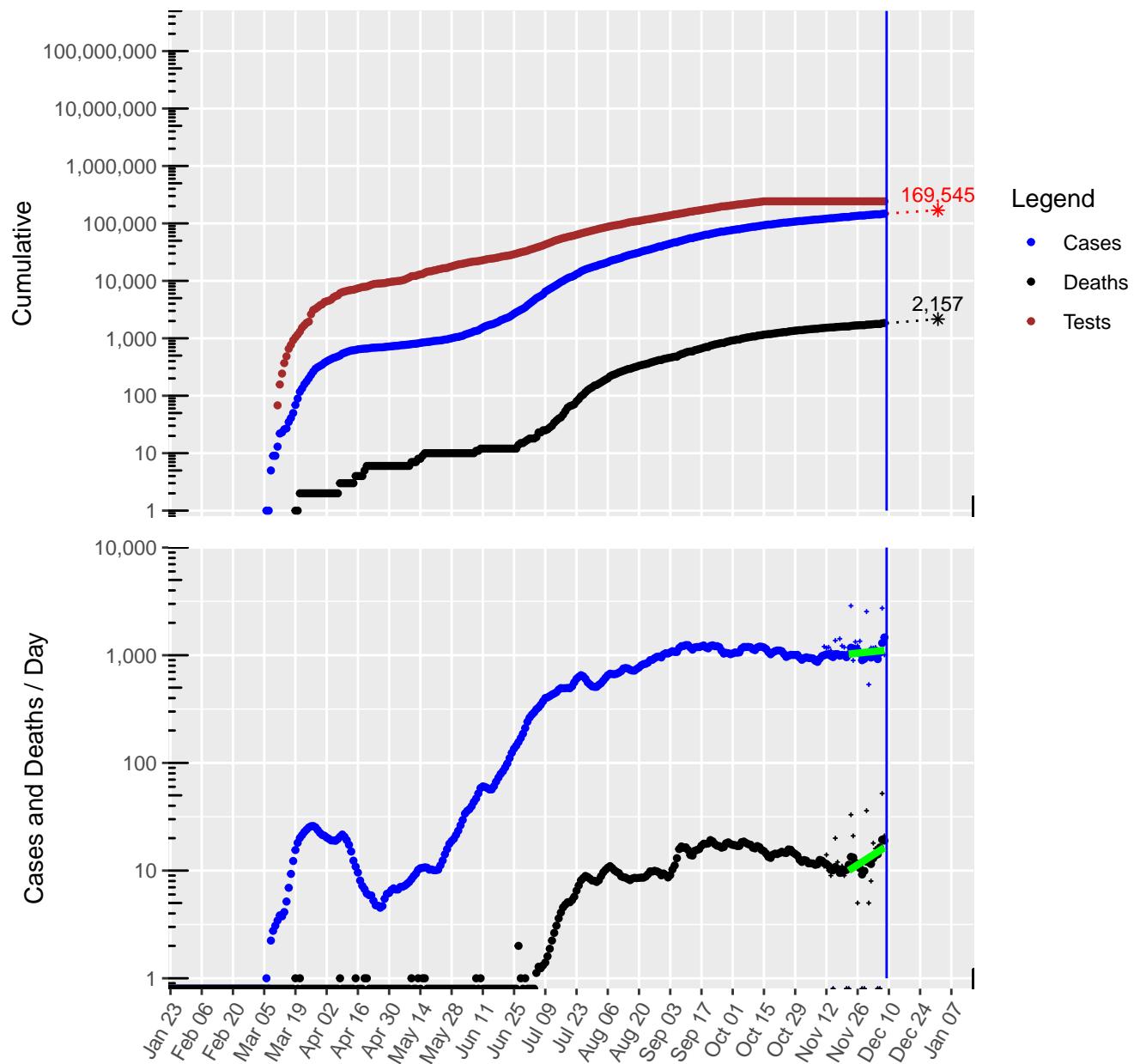


Deaths: 13,832 (74) --- Case Mortality: 2.2% --- Daily Change: +1.7% Cases, +1.7% Deaths (over 16 days)

# El Salvador projection as of 2020-12-09

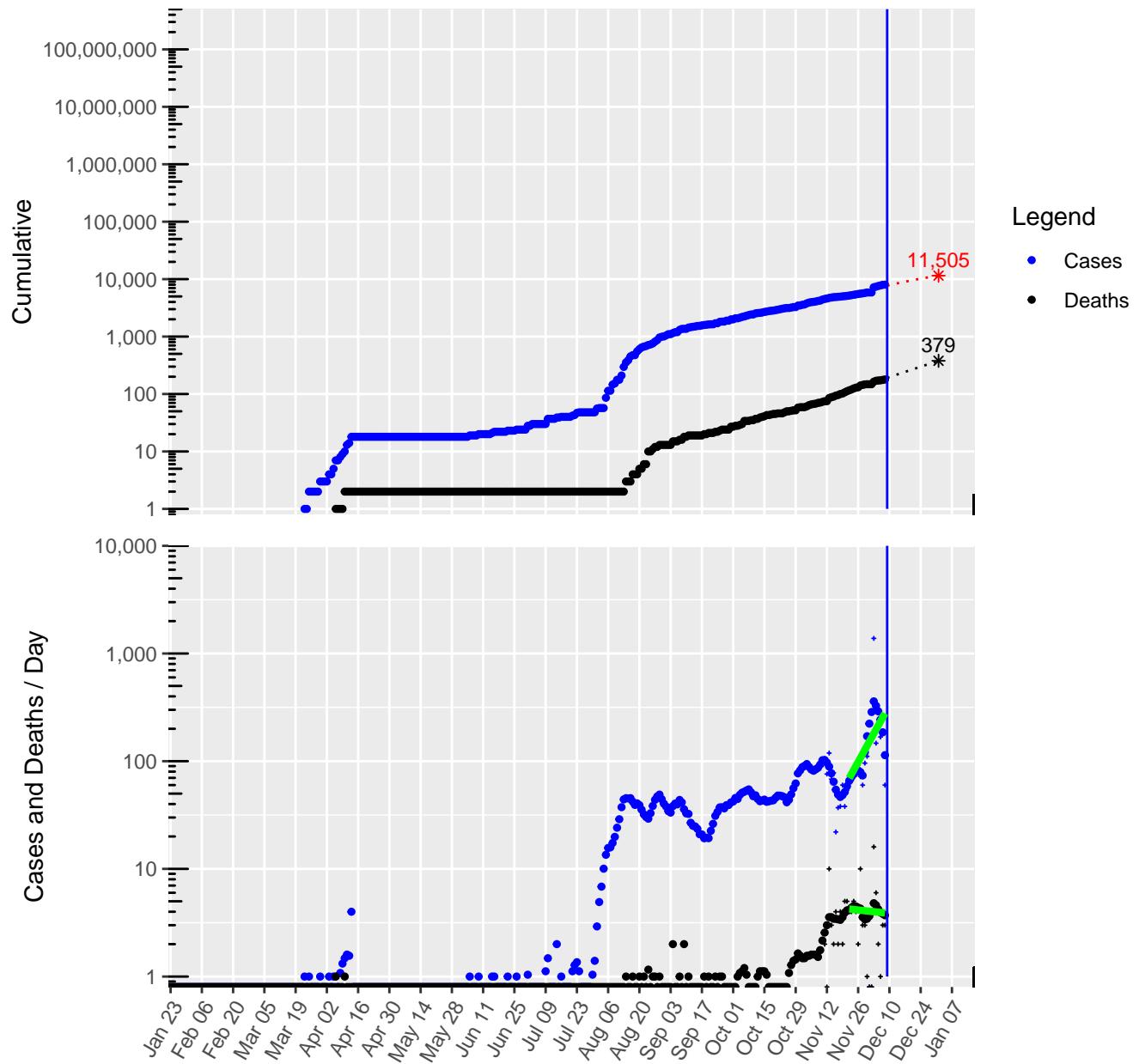


# Costa Rica projection as of 2020-12-09

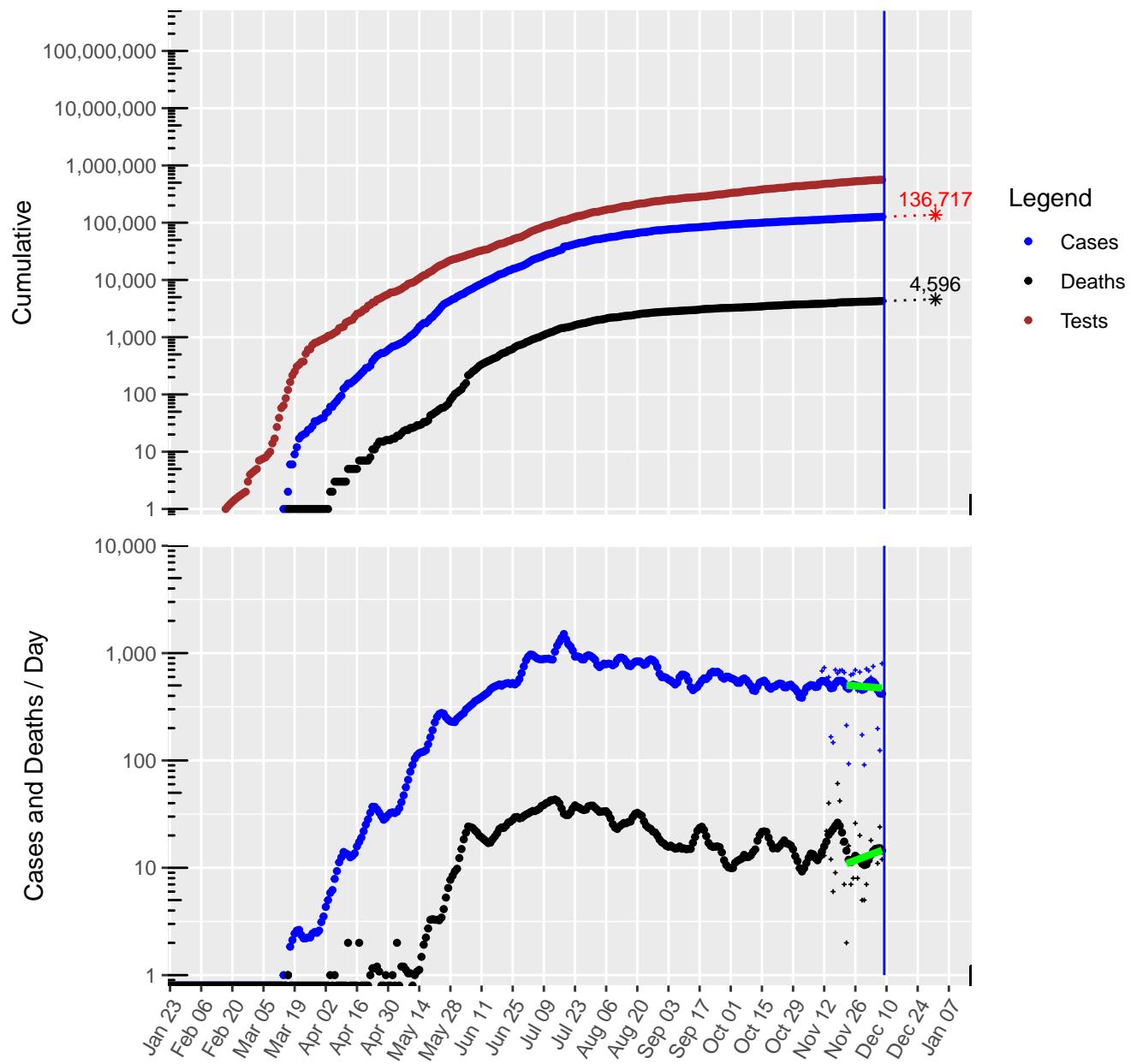


Deaths: 1,846 (21) — Case Mortality: 1.3% — Daily Change: +0.5% Cases, +3.2% Deaths (over 16 days)

# Belize projection as of 2020-12-09

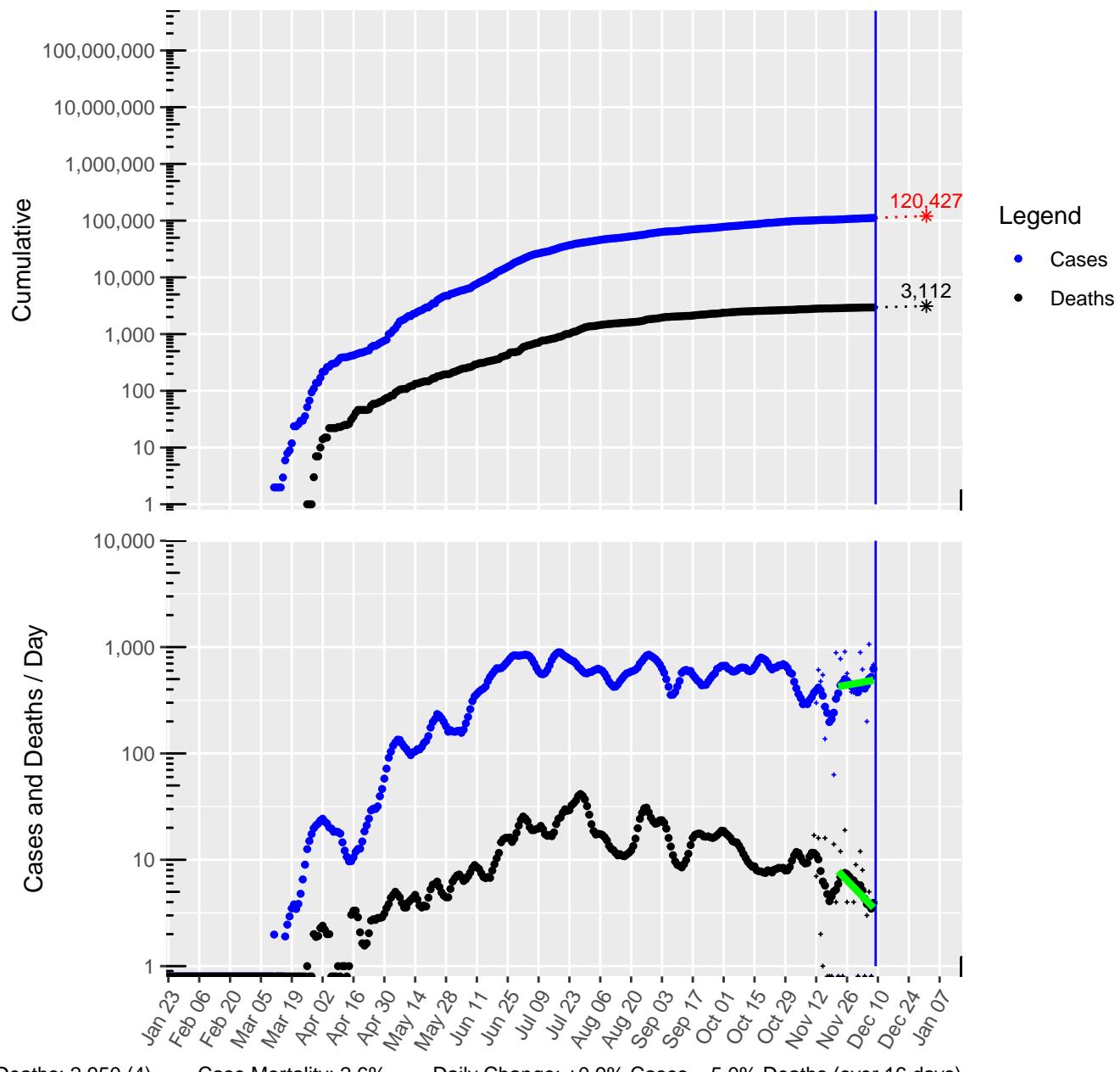


# Guatemala projection as of 2020-12-09

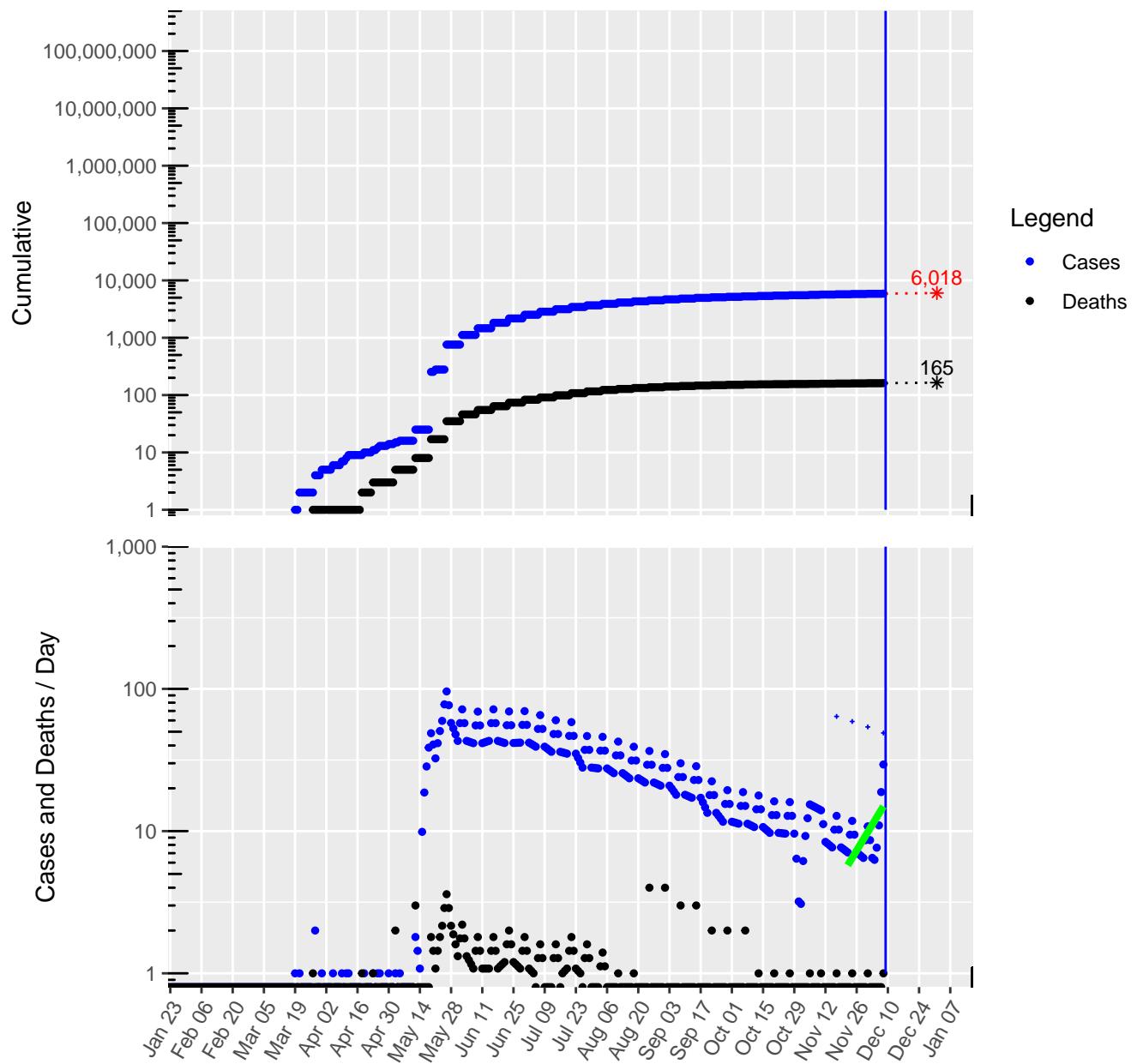


Deaths: 4,286 (12) — Case Mortality: 3.4% — Daily Change: -0.4% Cases, +1.9% Deaths (over 16 days)

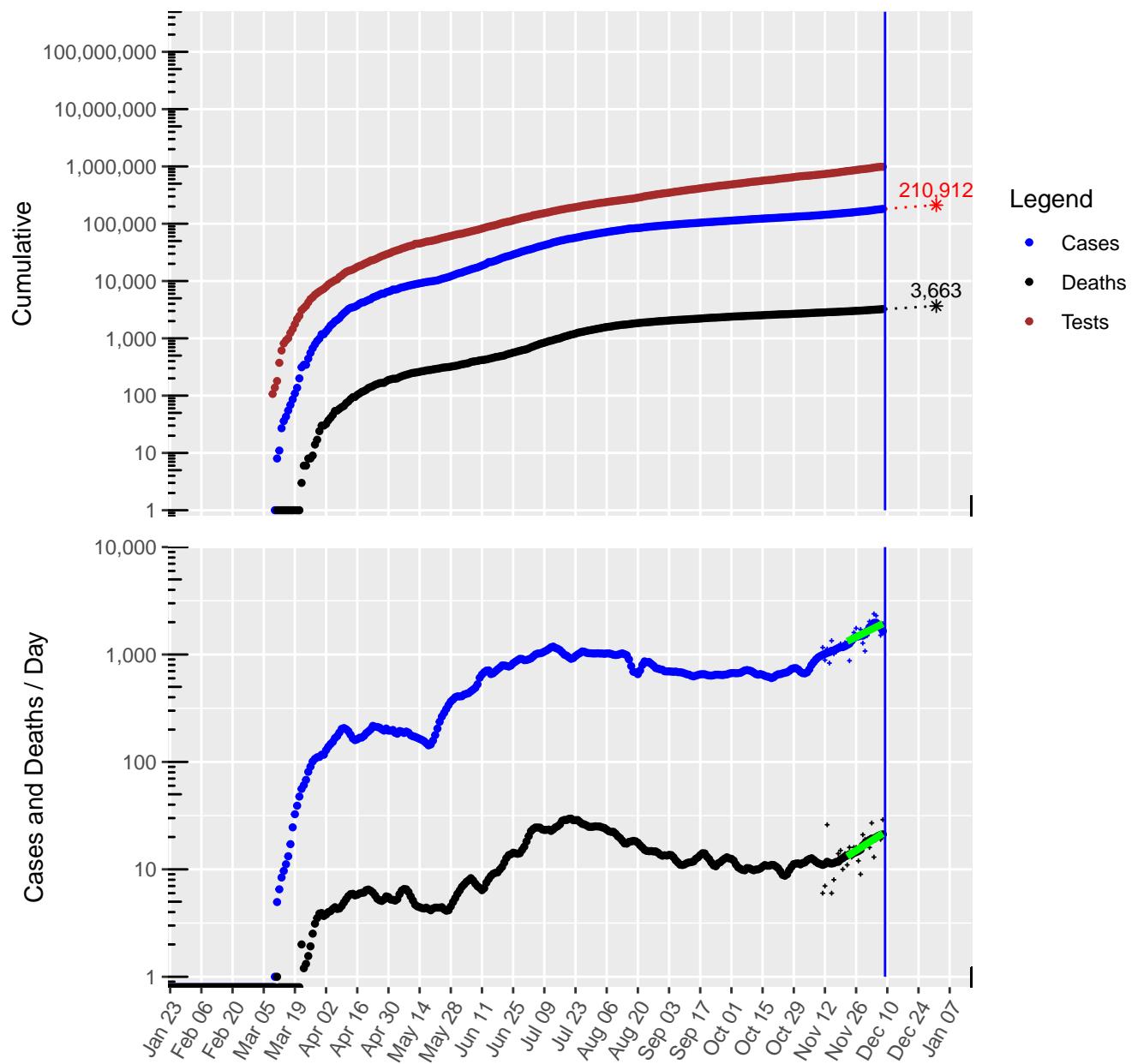
# Honduras projection as of 2020-12-09



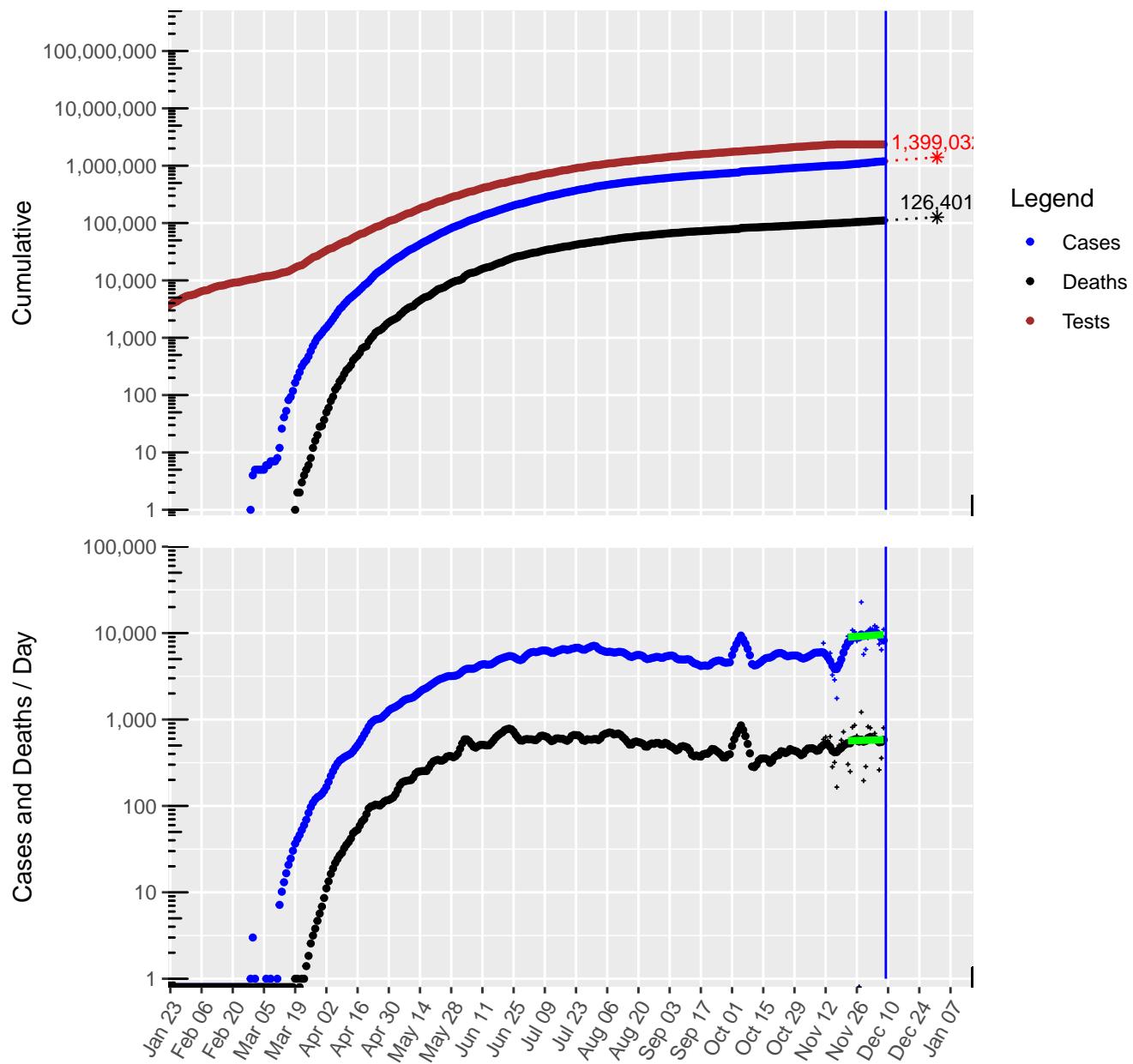
# Nicaragua projection as of 2020-12-09



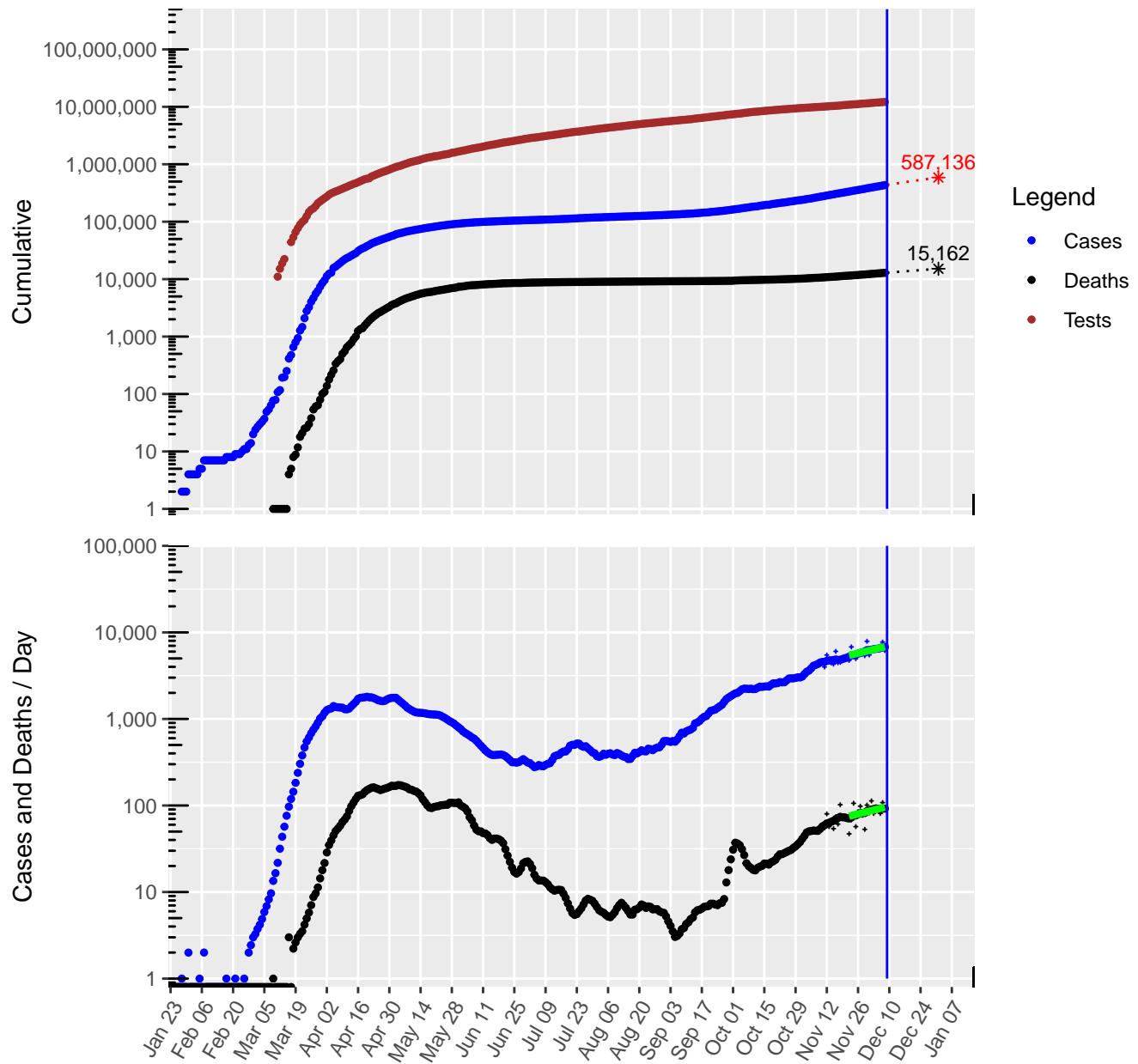
# Panama projection as of 2020-12-09



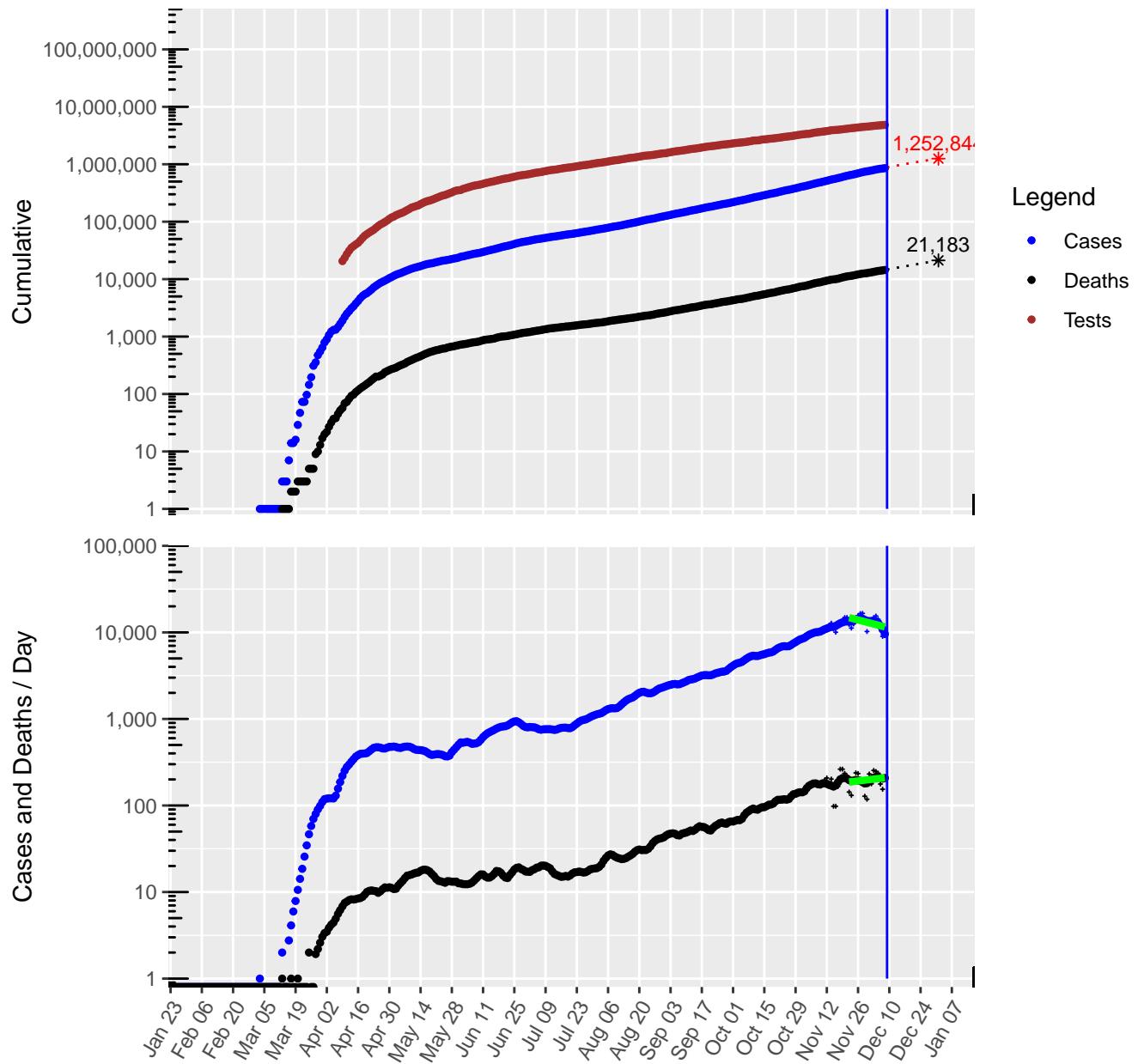
# Mexico projection as of 2020-12-09



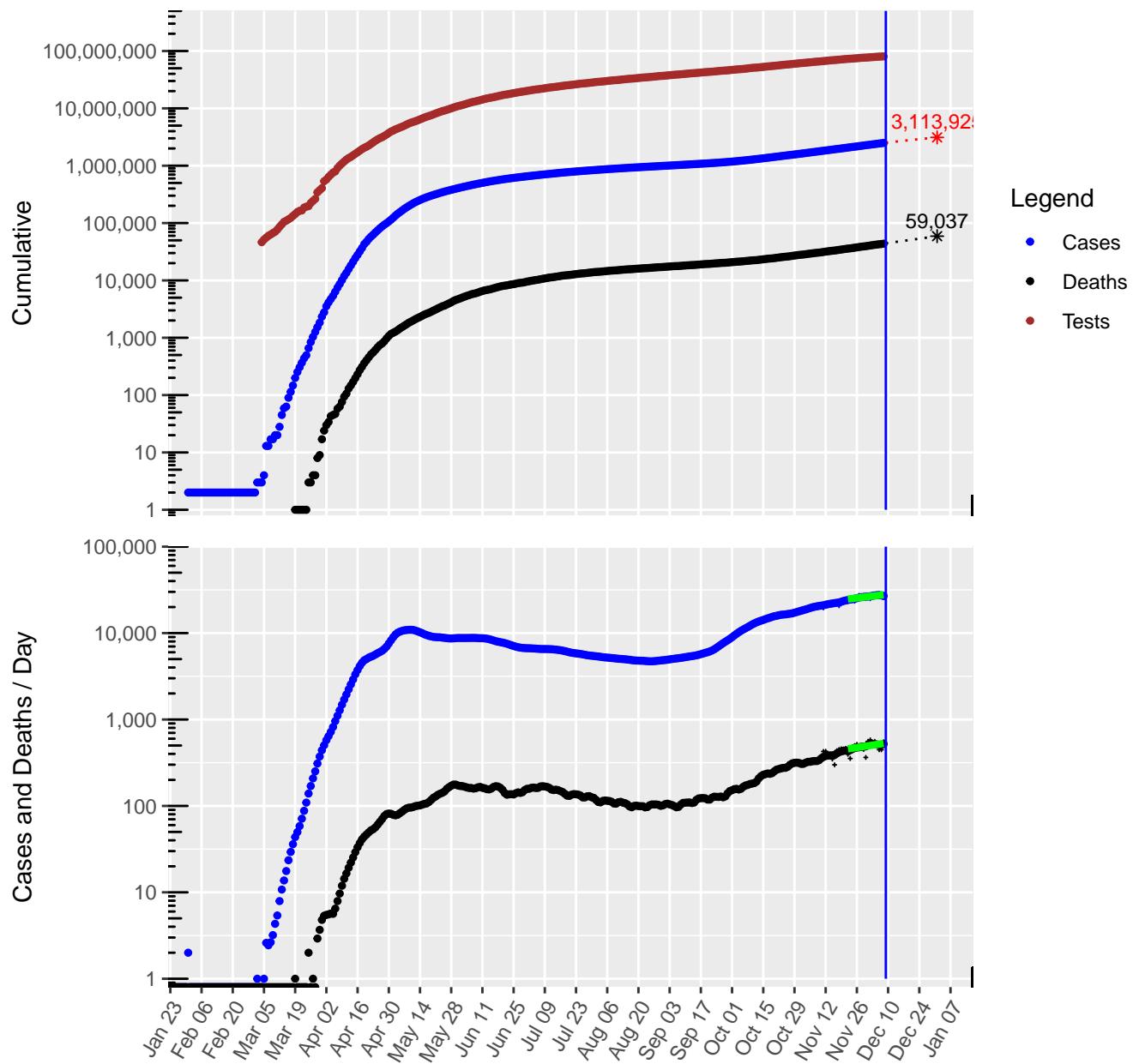
# Canada projection as of 2020-12-09



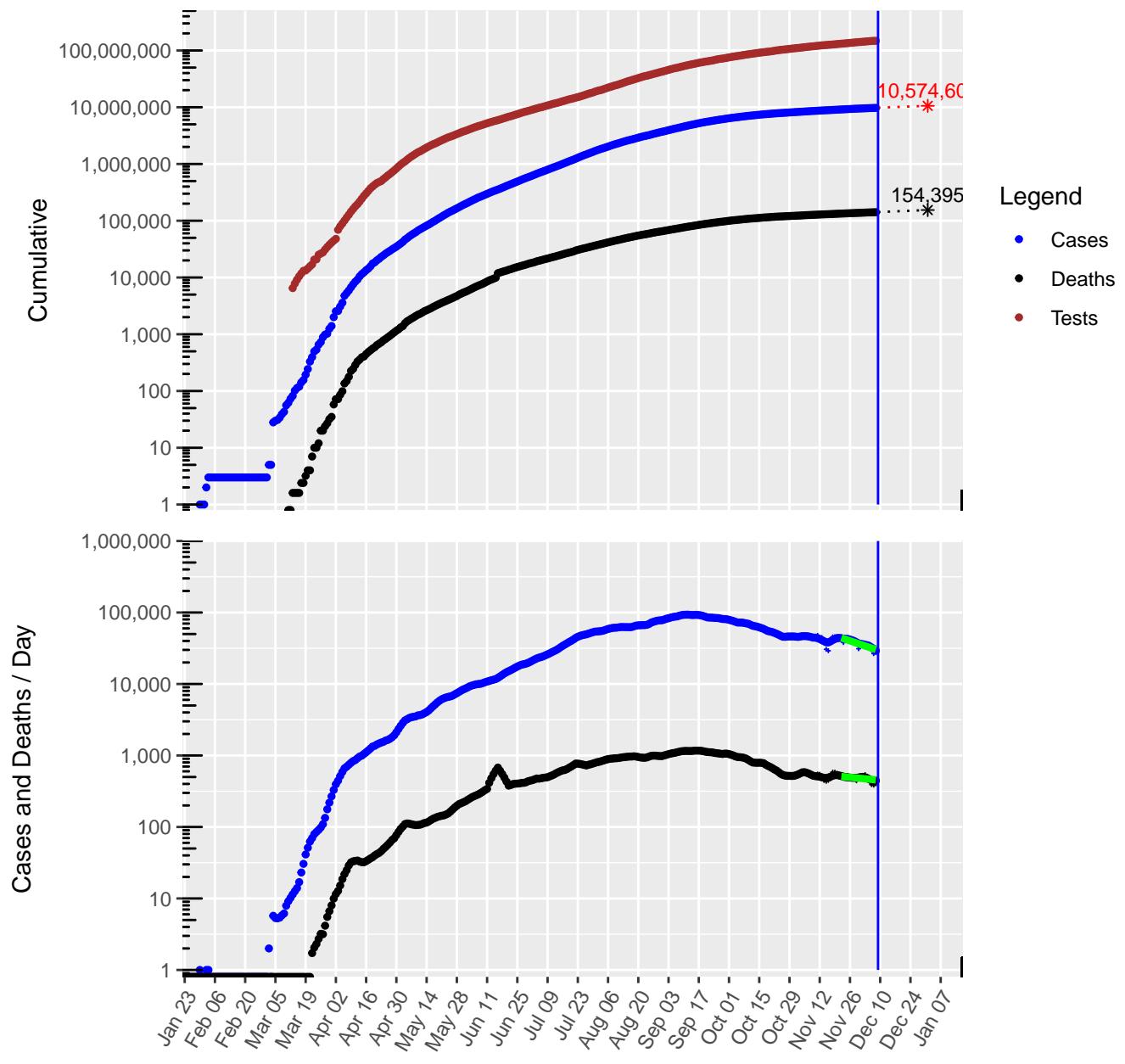
# Ukraine projection as of 2020-12-09



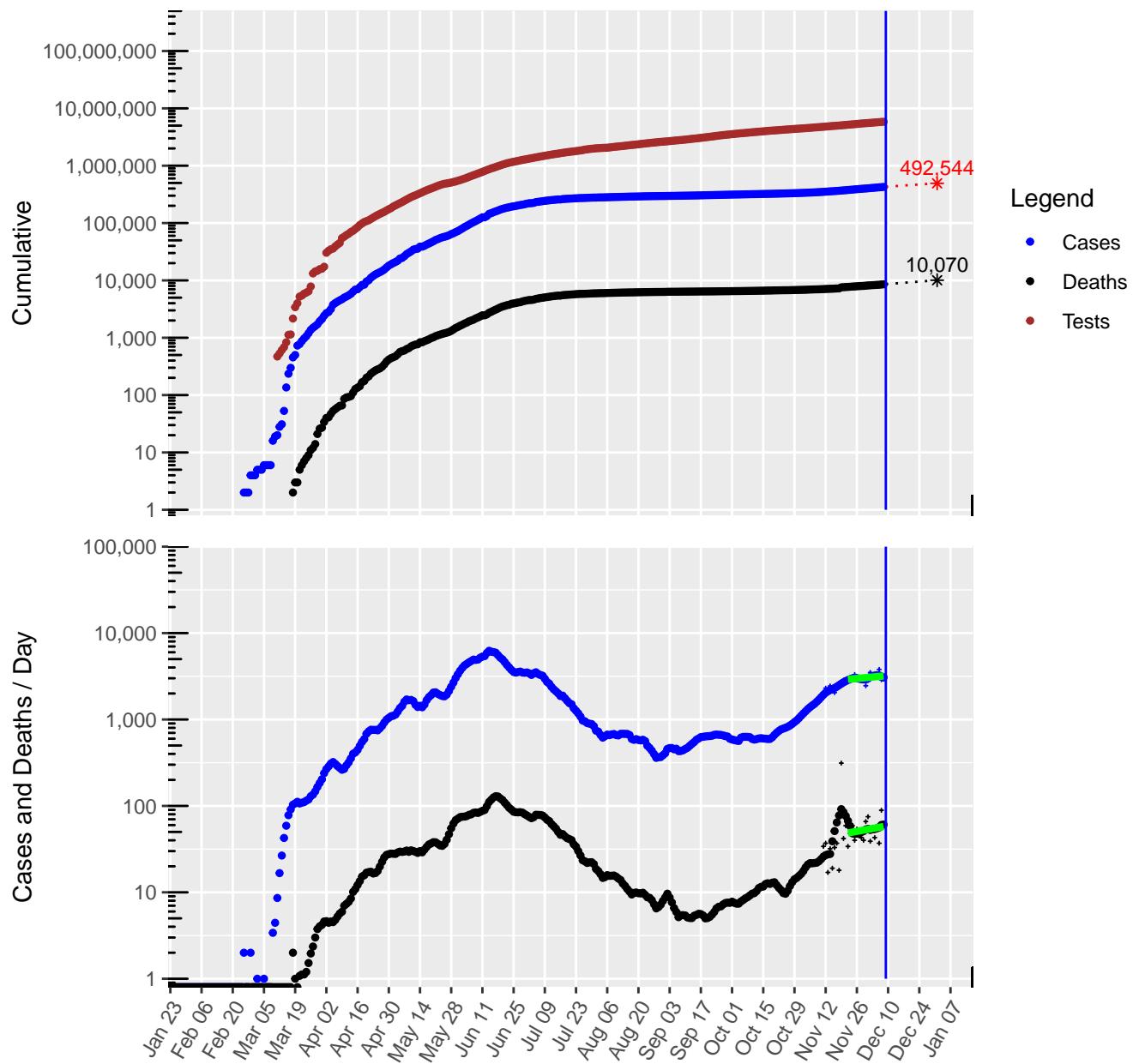
# Russia projection as of 2020-12-09



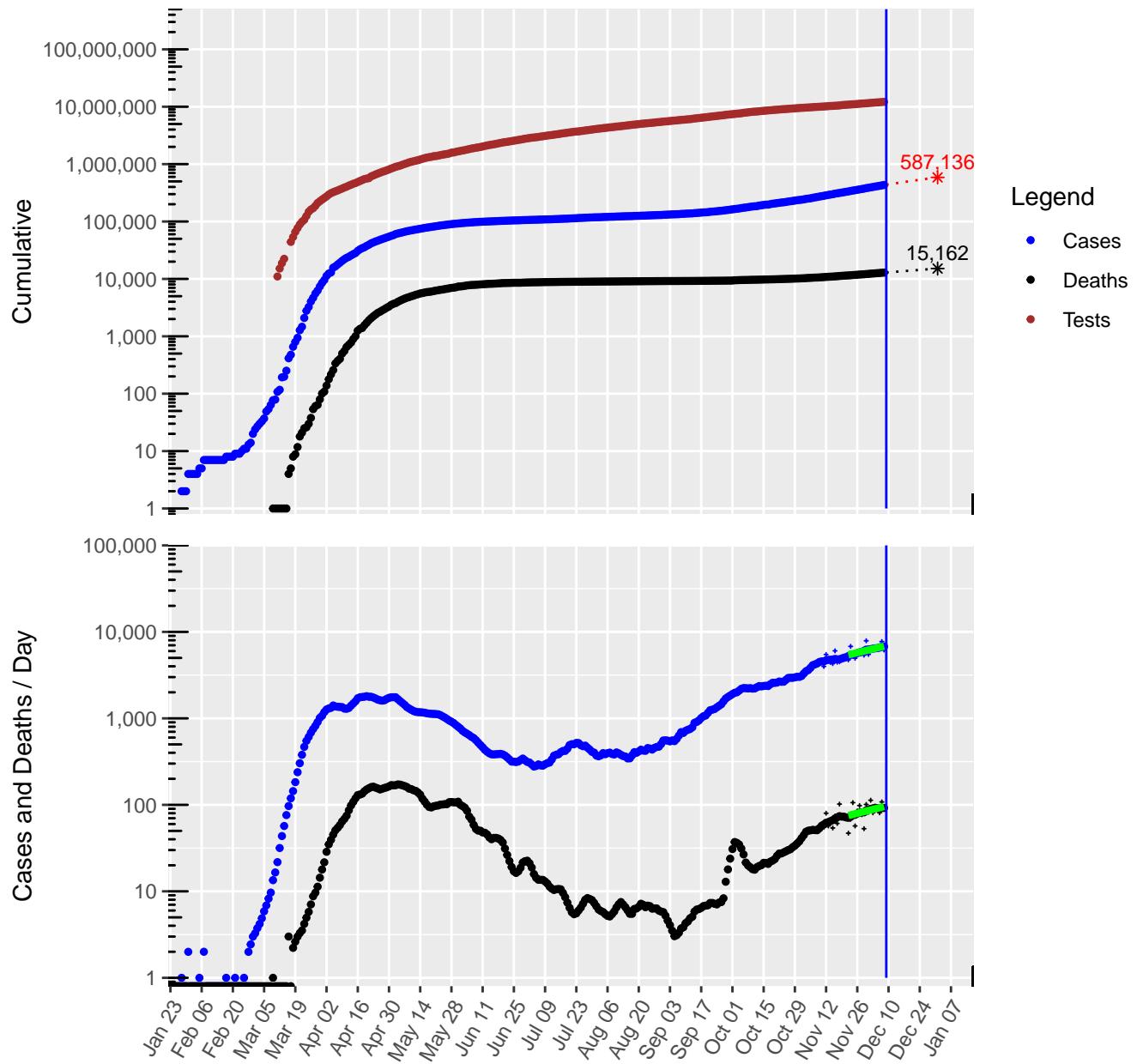
# India projection as of 2020-12-09



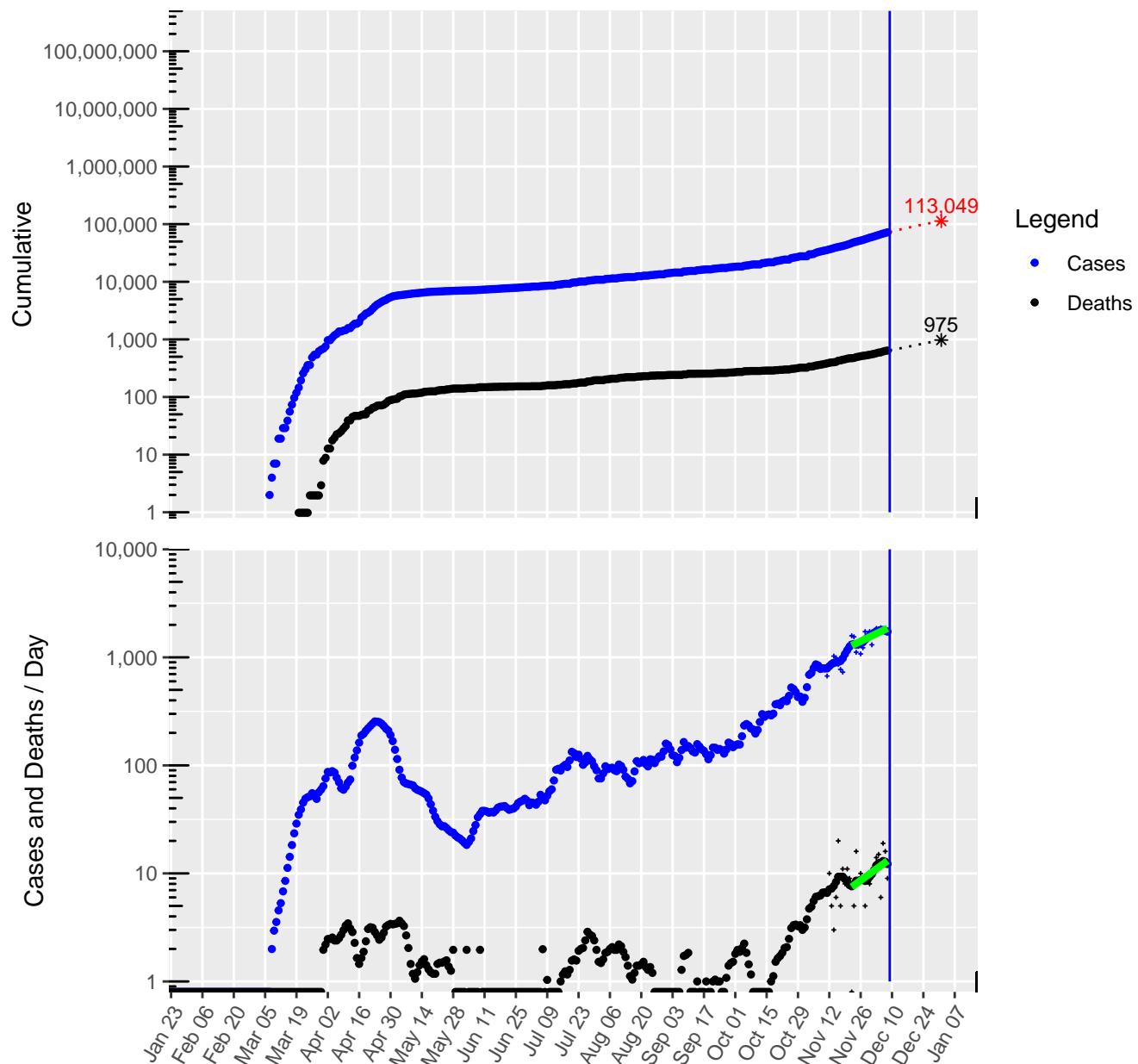
# Pakistan projection as of 2020-12-09



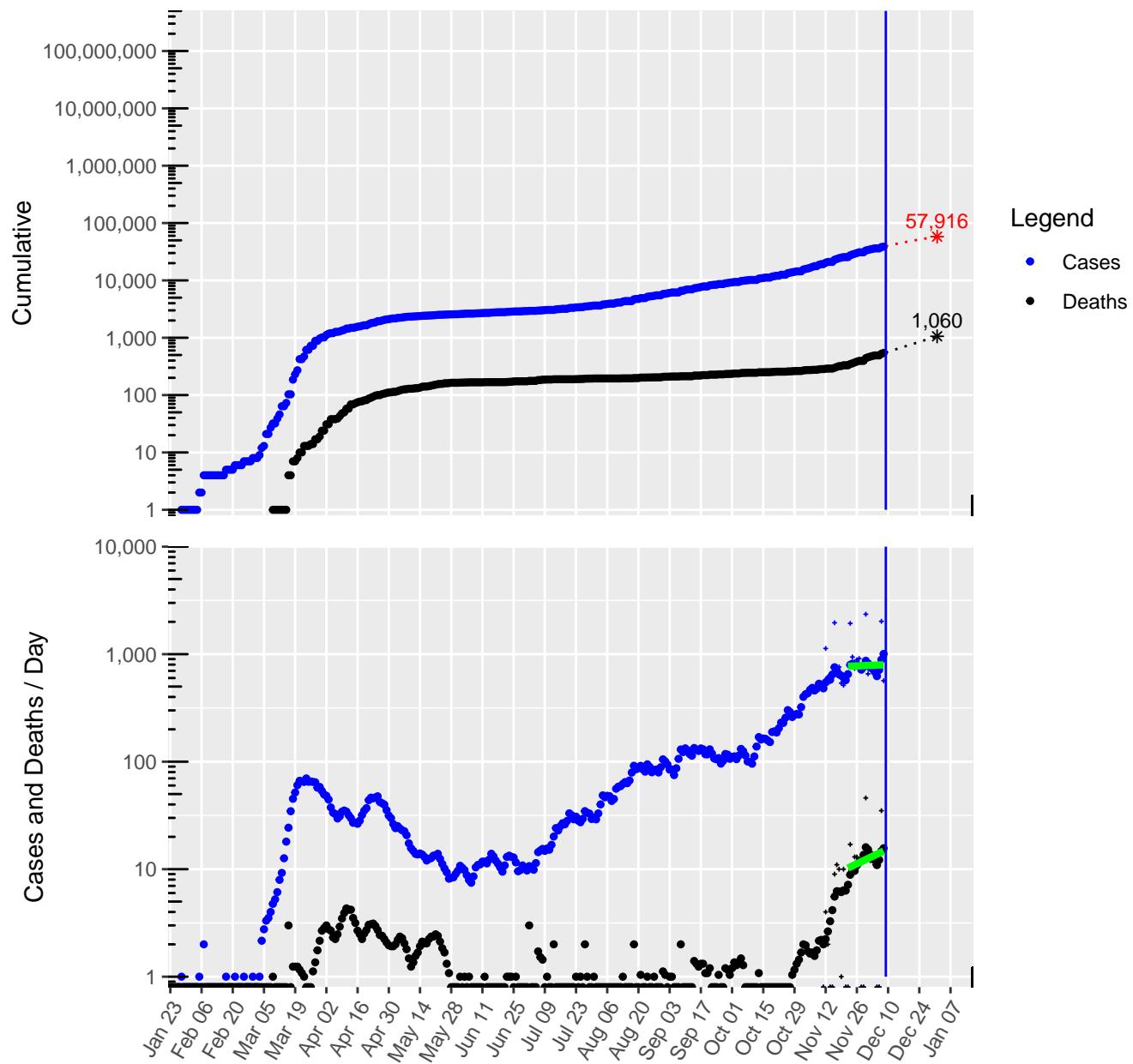
# Canada projection as of 2020-12-09



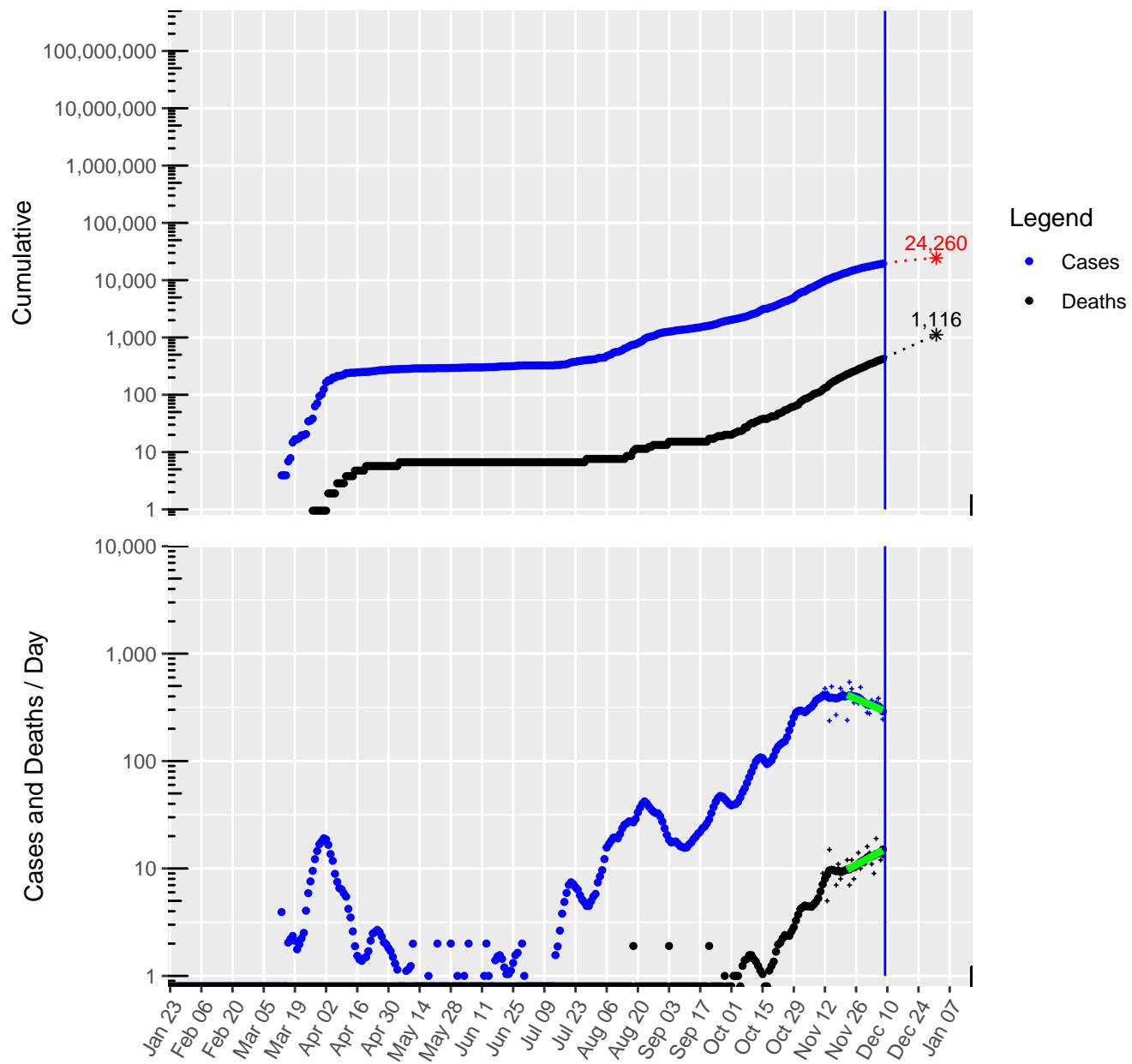
# Alberta, Canada, projection as of 2020-12-09



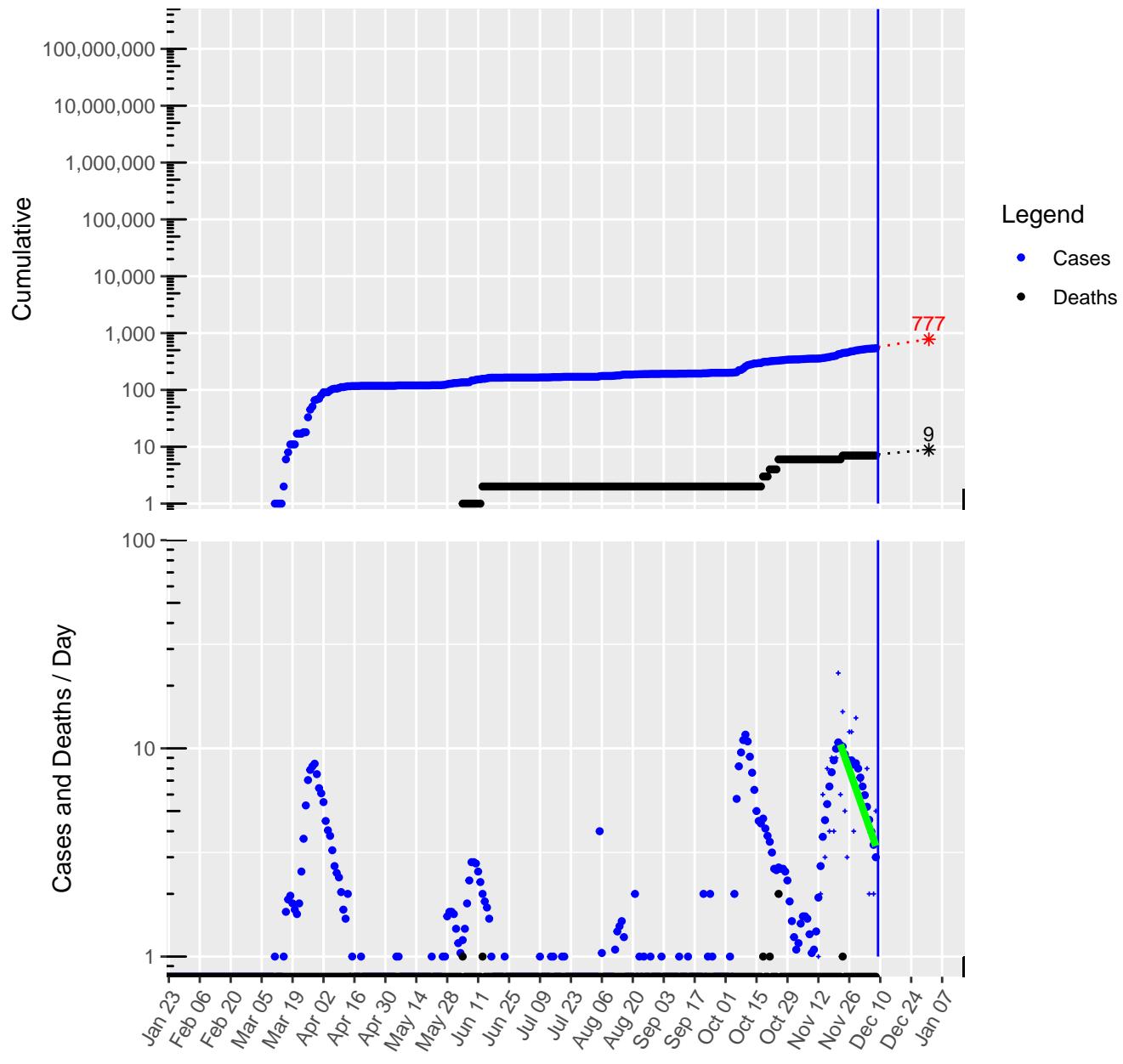
# British Columbia, Canada, projection as of 2020-12-09



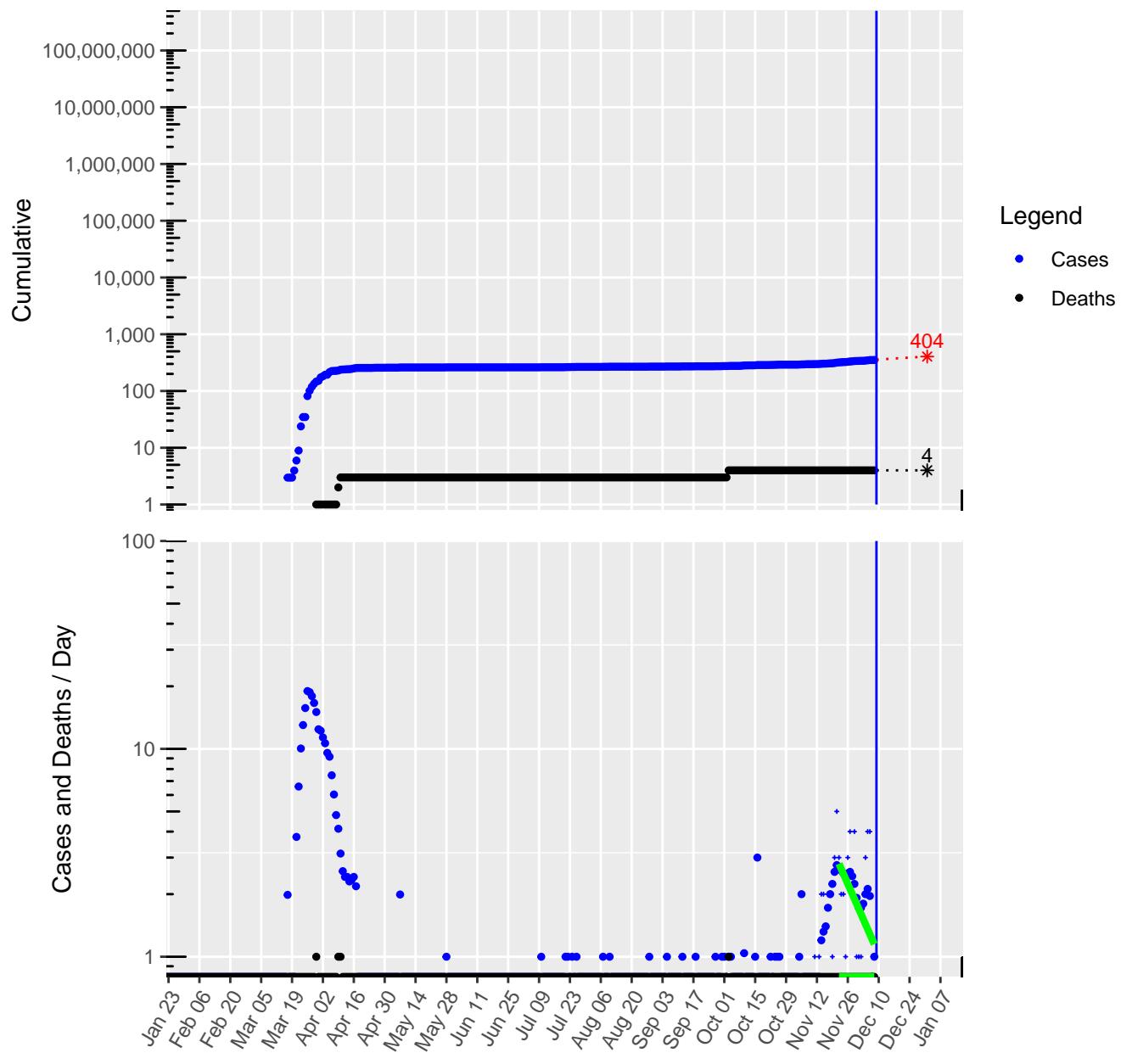
# Manitoba, Canada, projection as of 2020-12-09



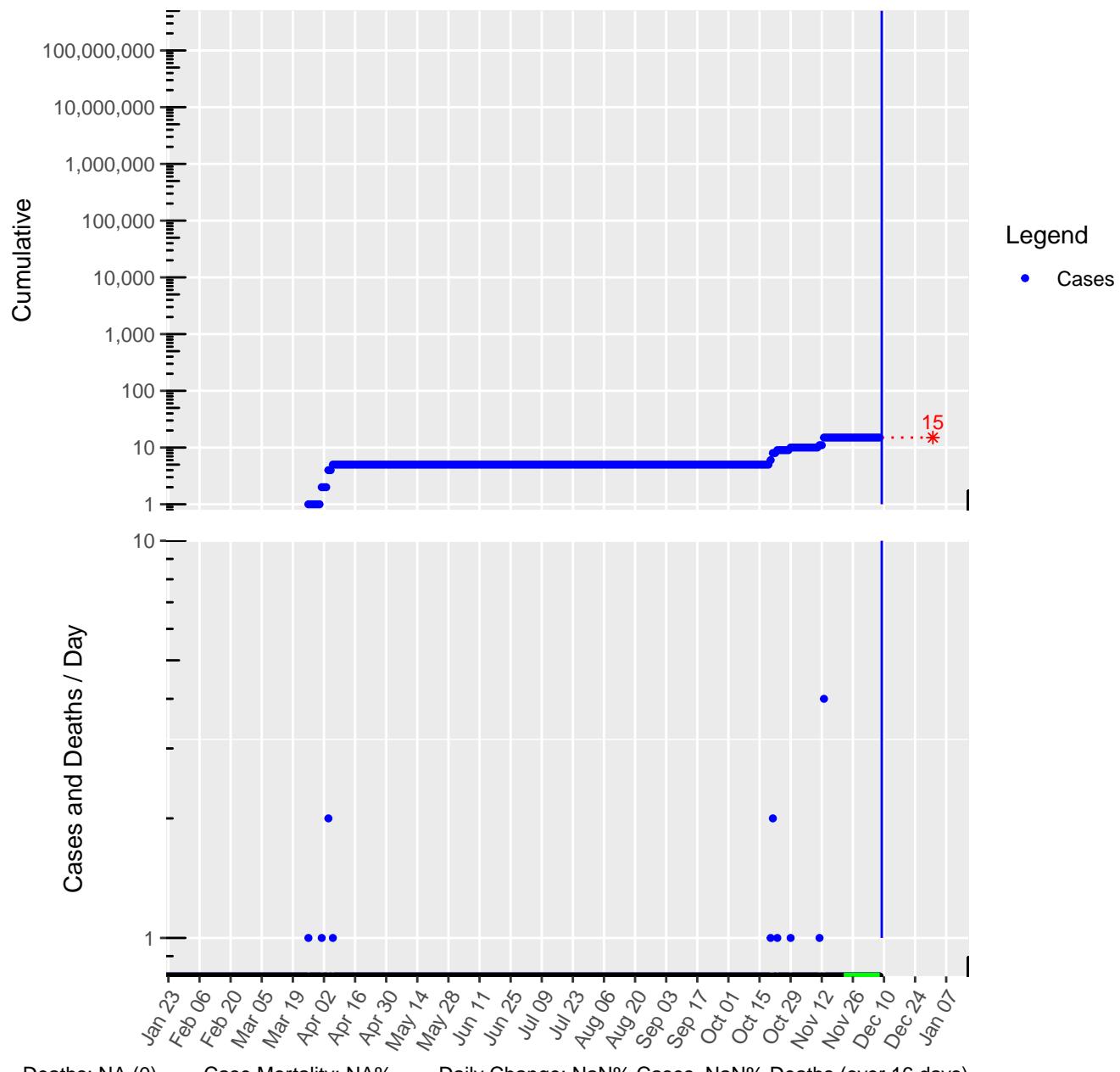
# New Brunswick, Canada, projection as of 2020-12-09



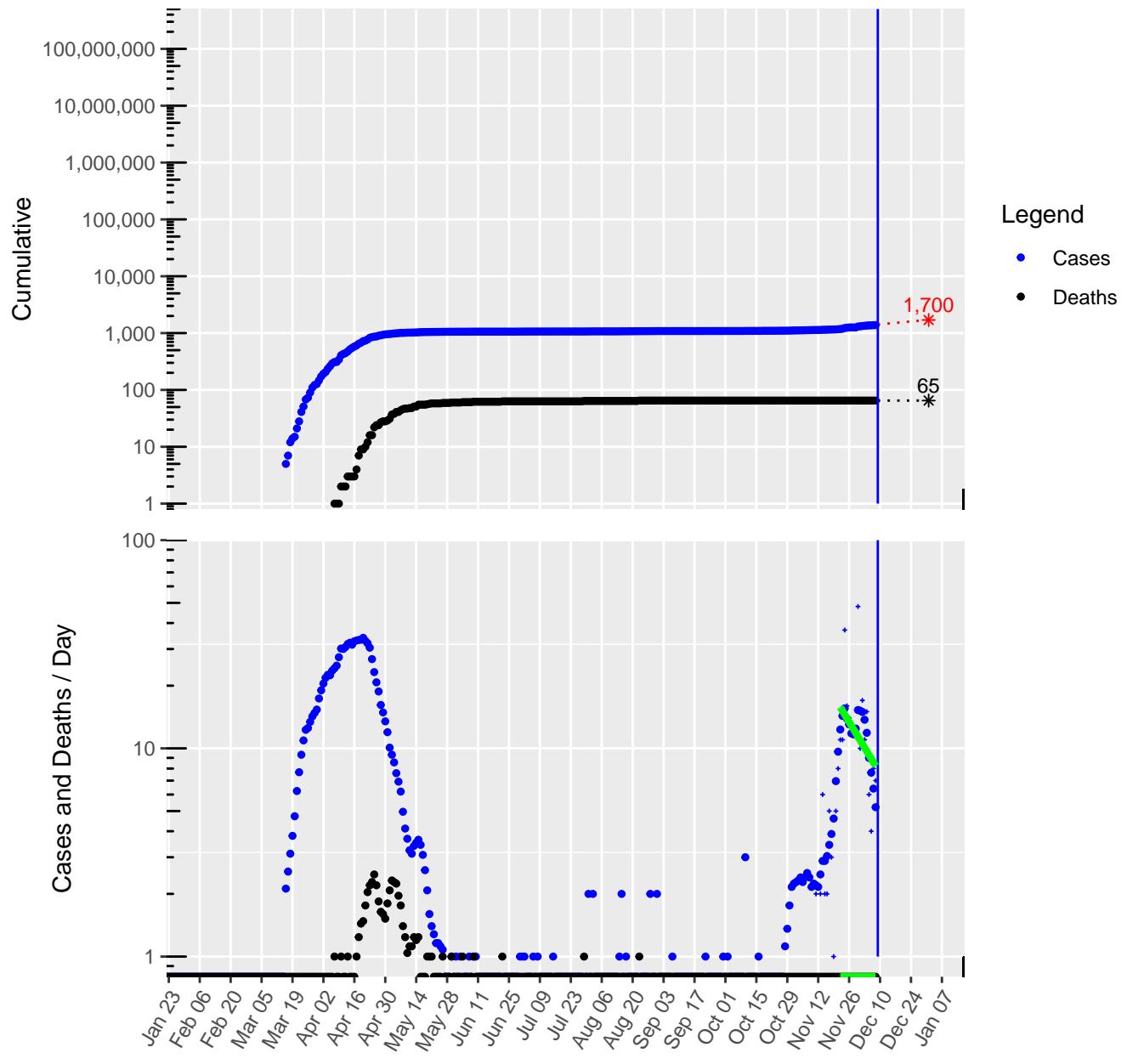
# Newfoundland and Labrador, Canada, projection as of 2020-12-09



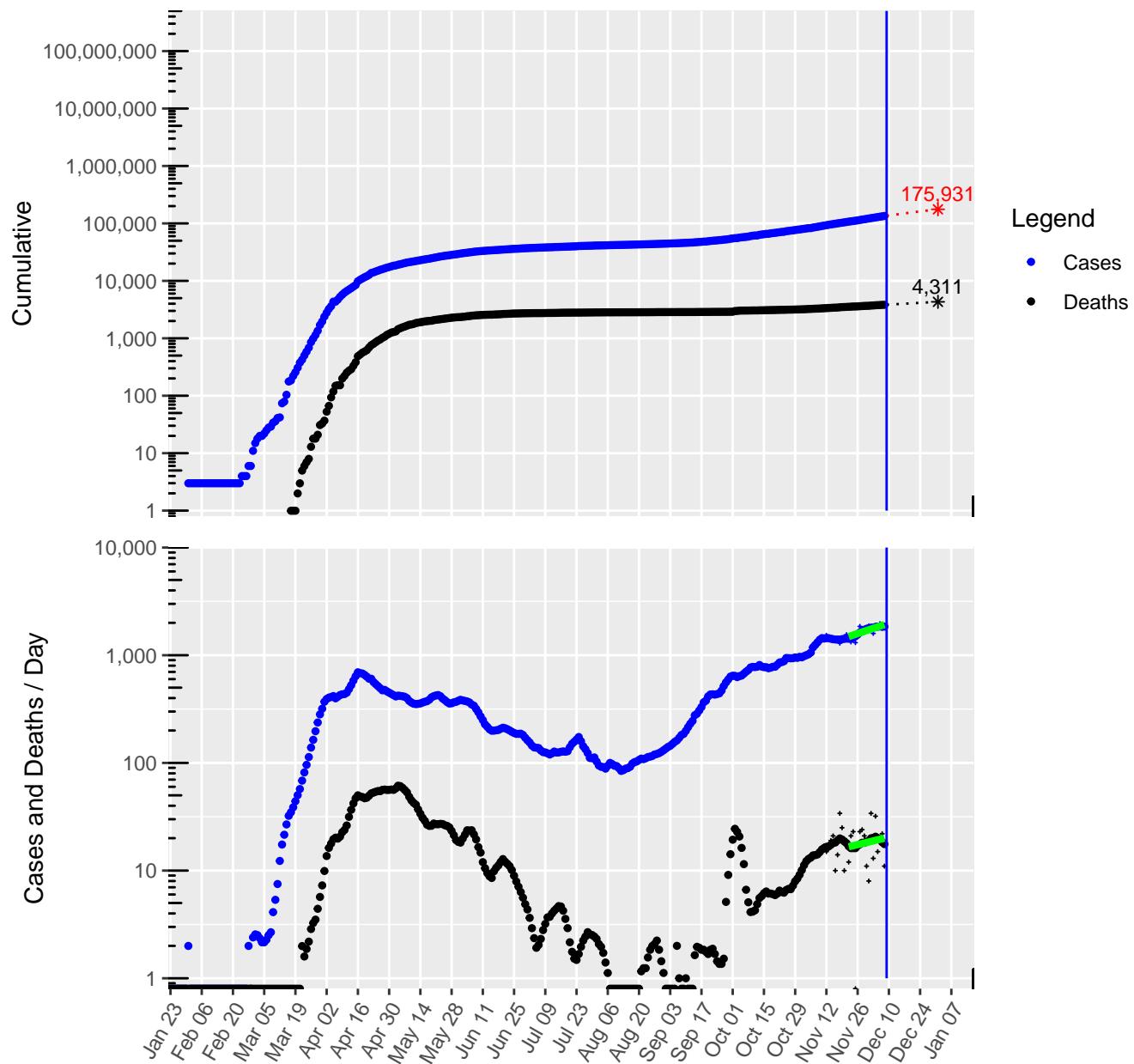
# Northwest Territories, Canada, projection as of 2020-12-09



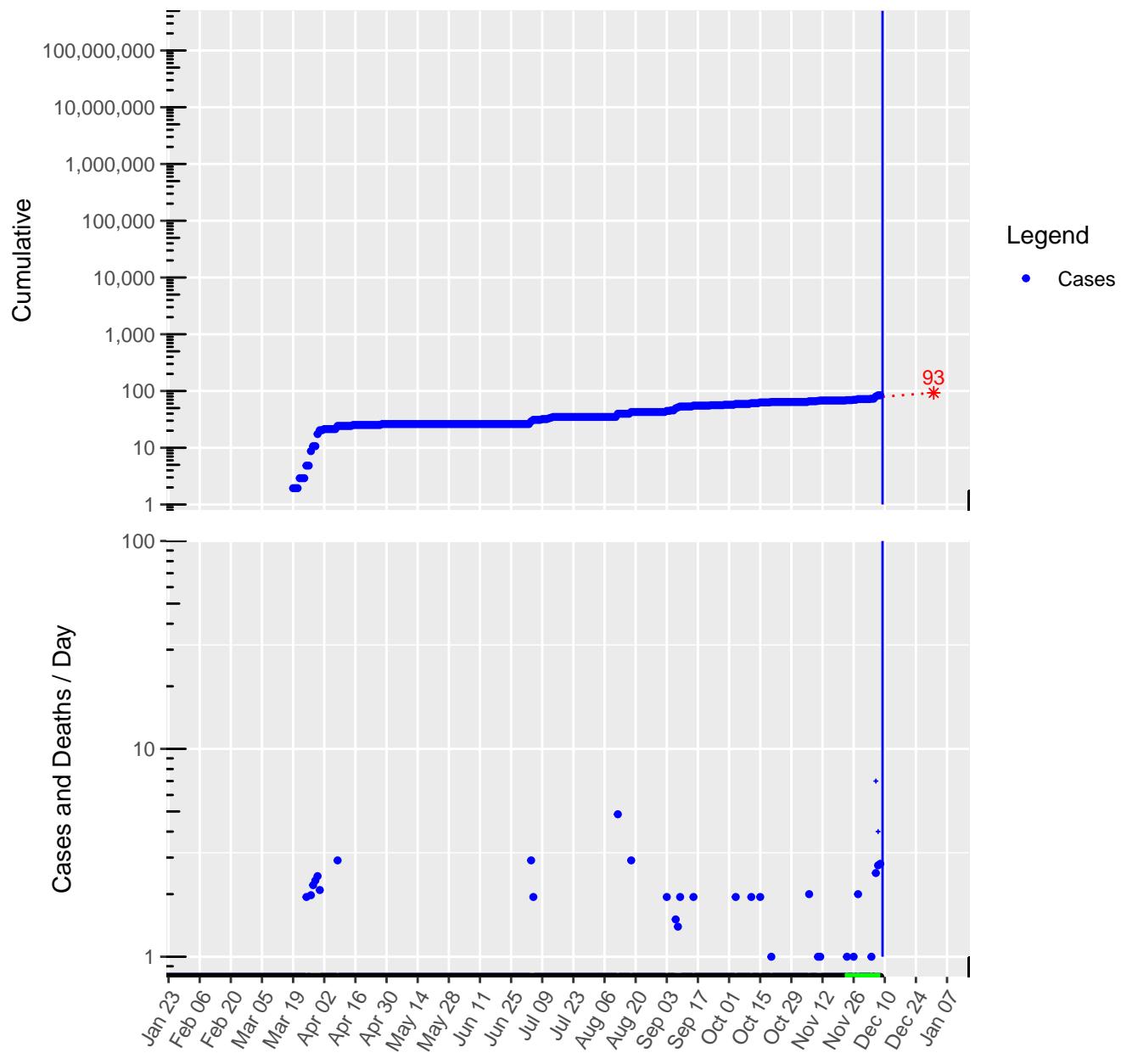
# Nova Scotia, Canada, projection as of 2020-12-09



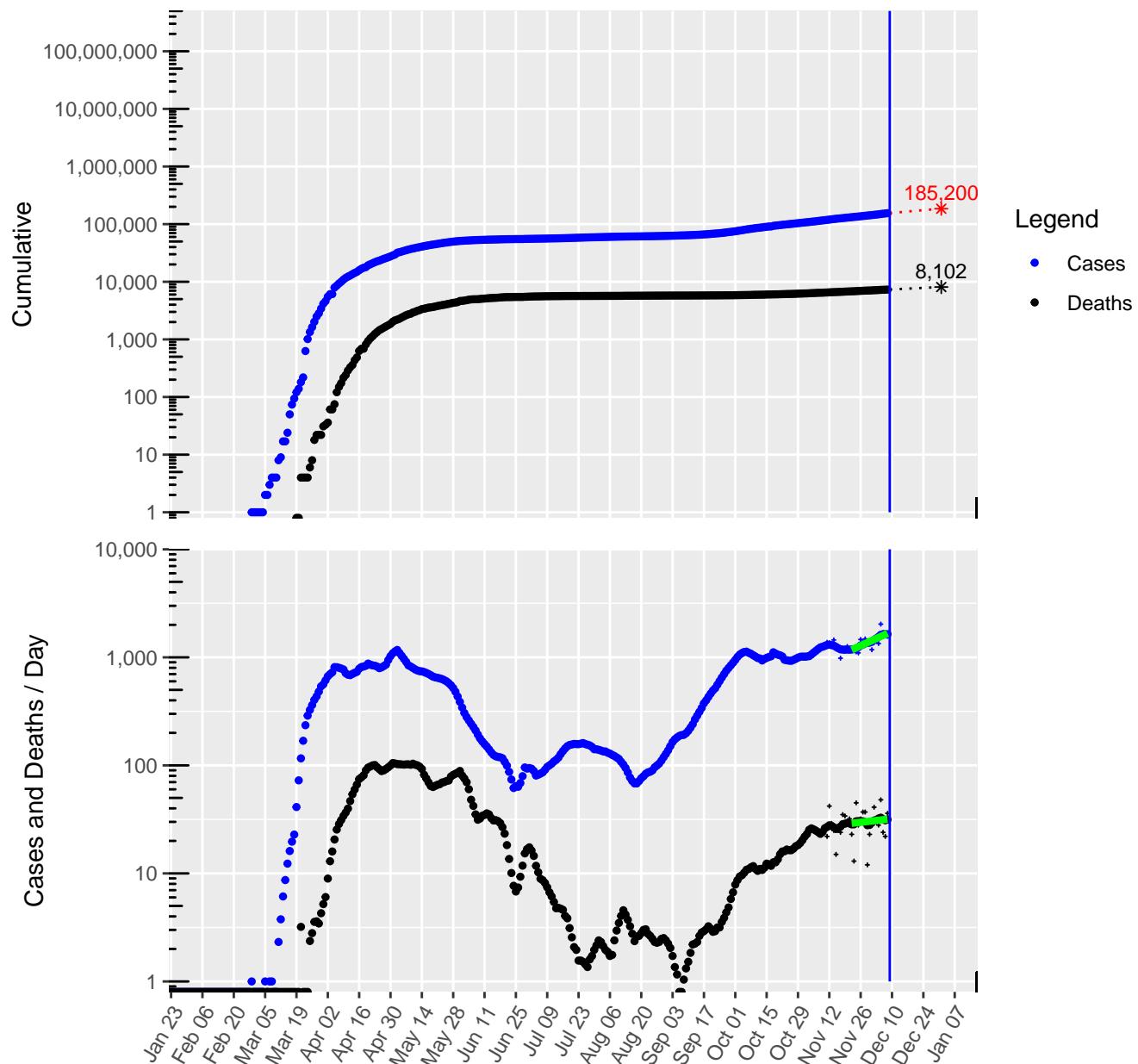
# Ontario, Canada, projection as of 2020-12-09



# Prince Edward Island, Canada, projection as of 2020-12-09

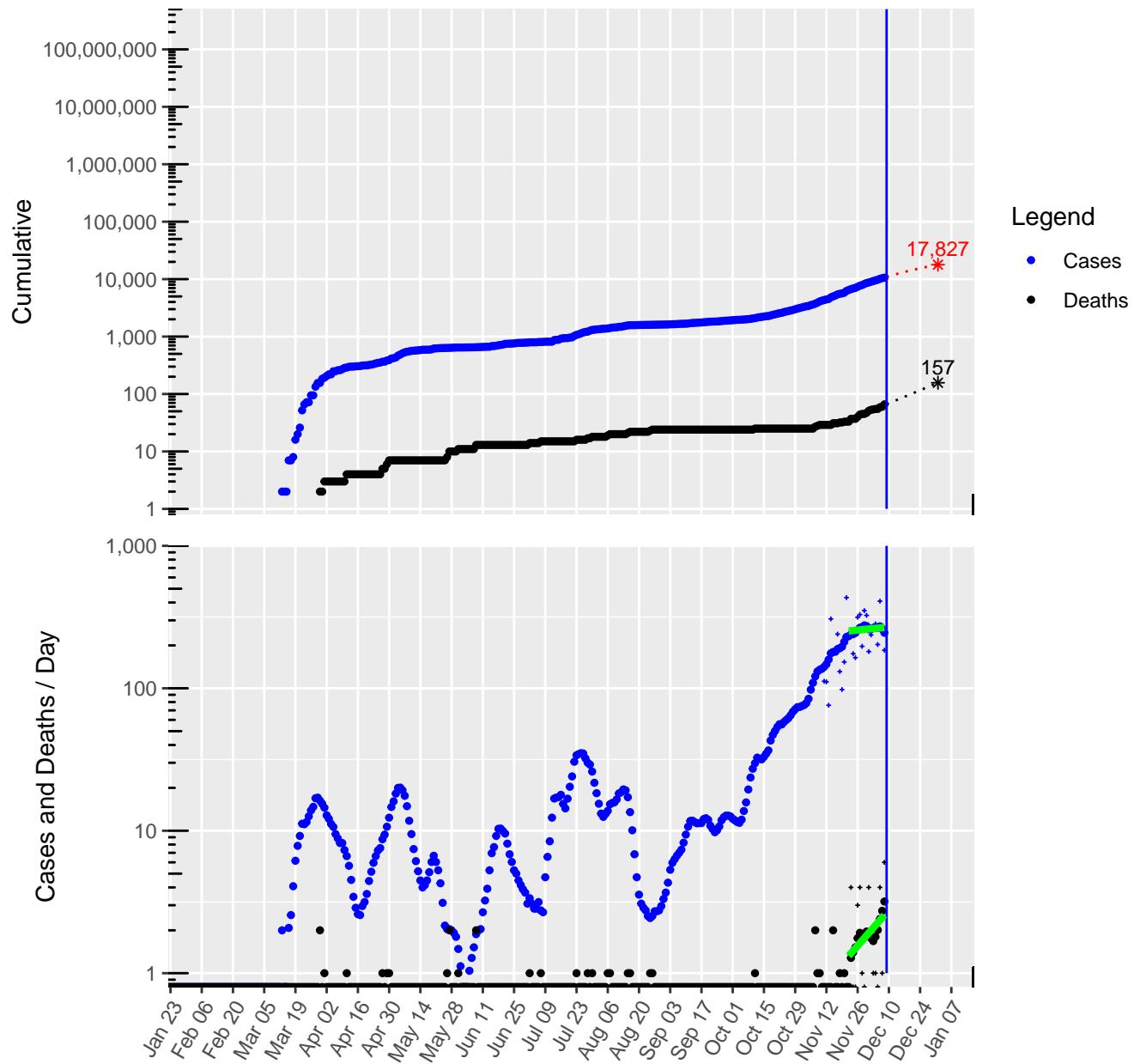


# Quebec, Canada, projection as of 2020-12-09

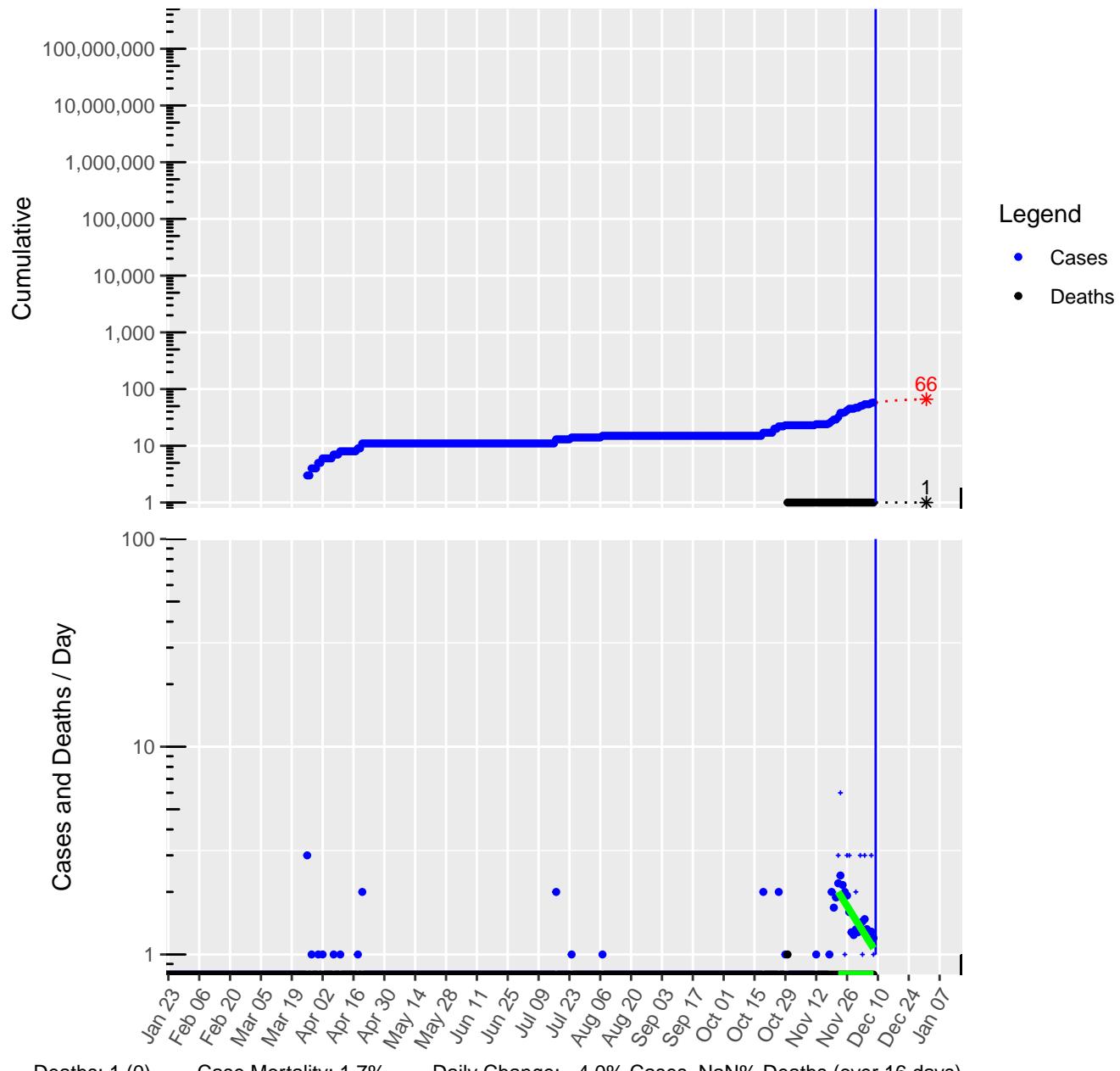


Deaths: 7,313 (36) — Case Mortality: 4.7% — Daily Change: +2.3% Cases, +0.6% Deaths (over 16 days)

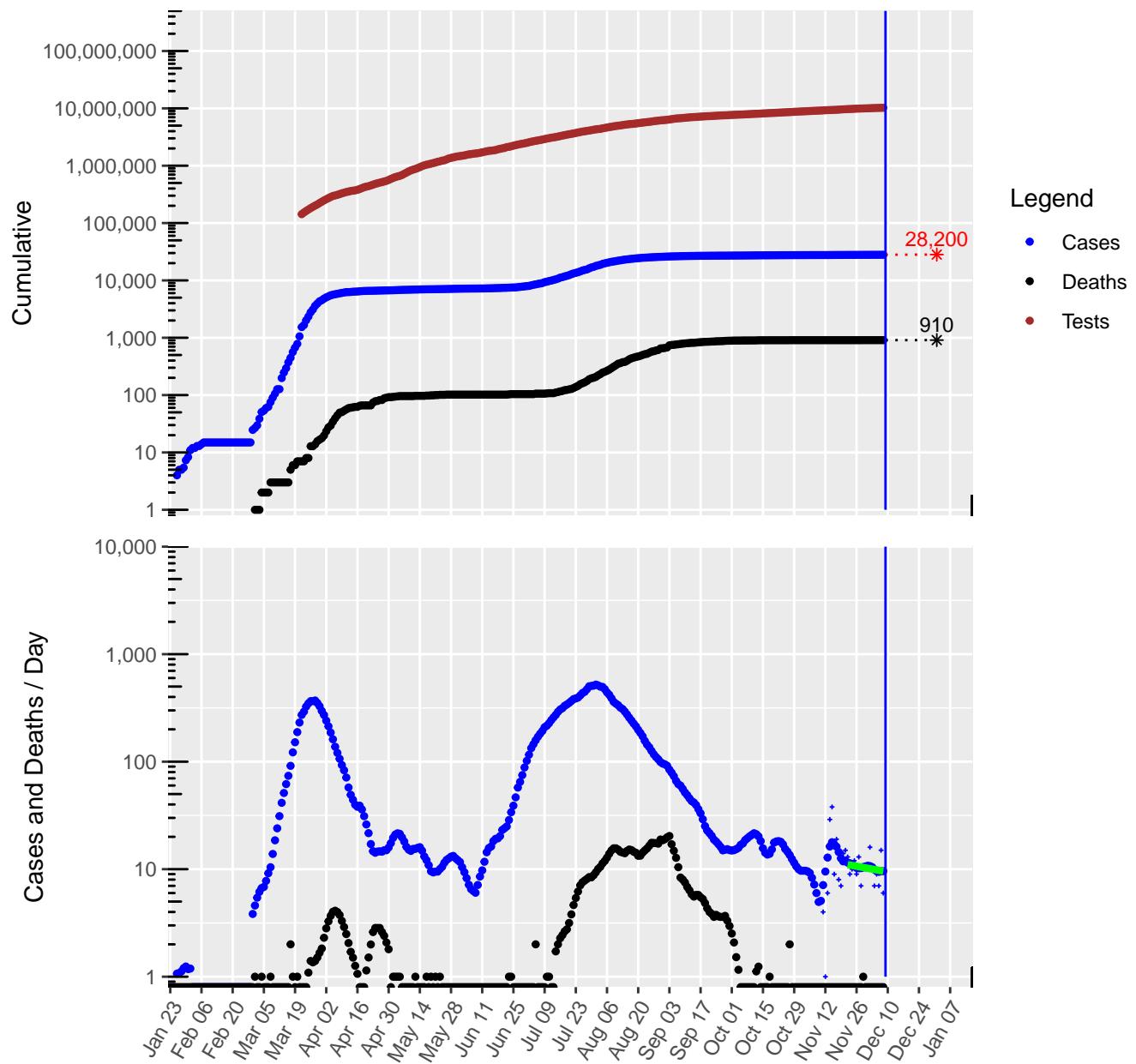
# Saskatchewan, Canada, projection as of 2020-12-09



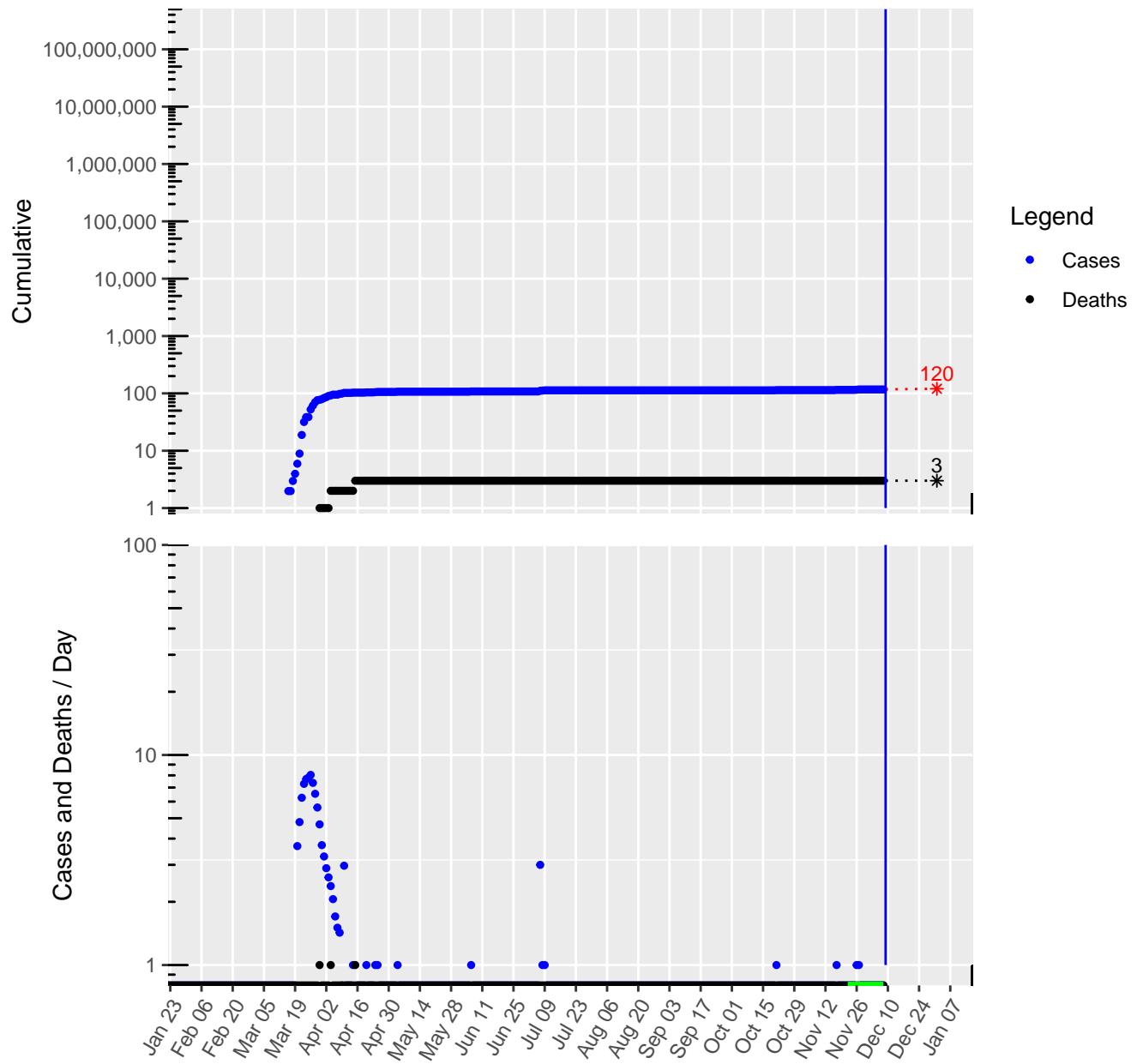
# Yukon, Canada, projection as of 2020-12-09



# Australia projection as of 2020-12-09

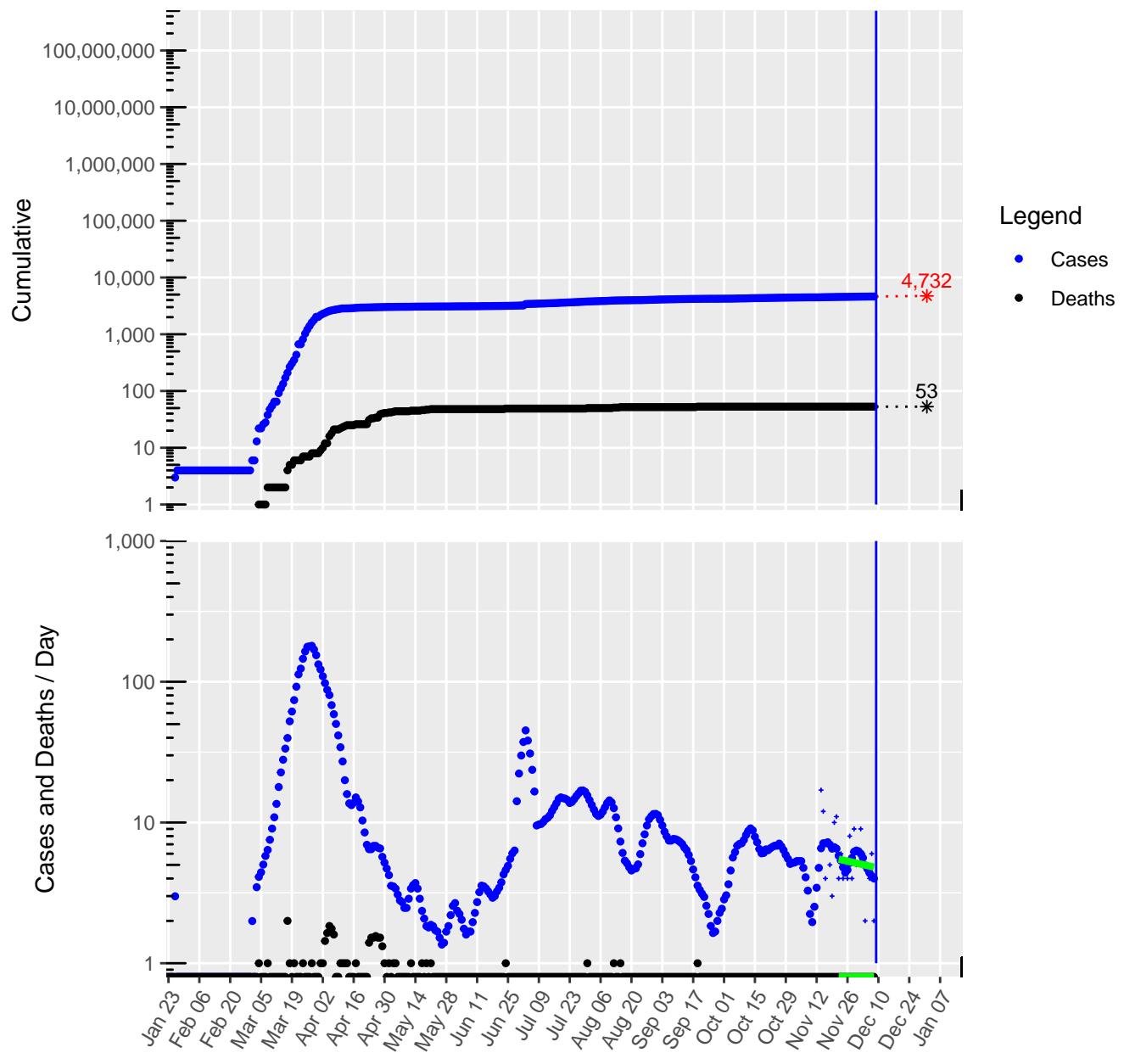


Australian Capital Territory, Australia, projection as of 2020-12-09

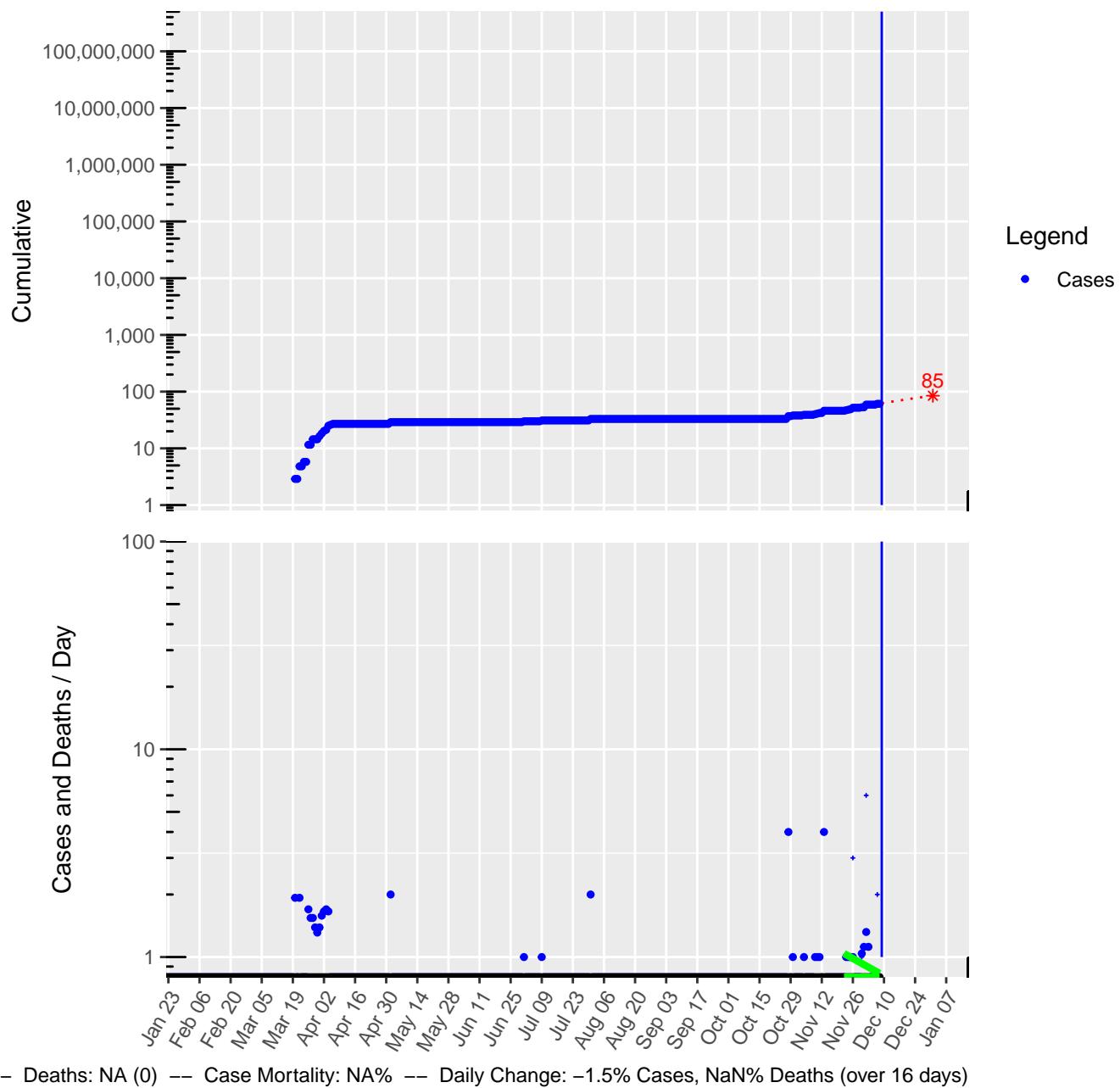


— Deaths: 3 (0) — Case Mortality: 2.6% — Daily Change: -18.8% Cases, NaN% Deaths (over 16 days)

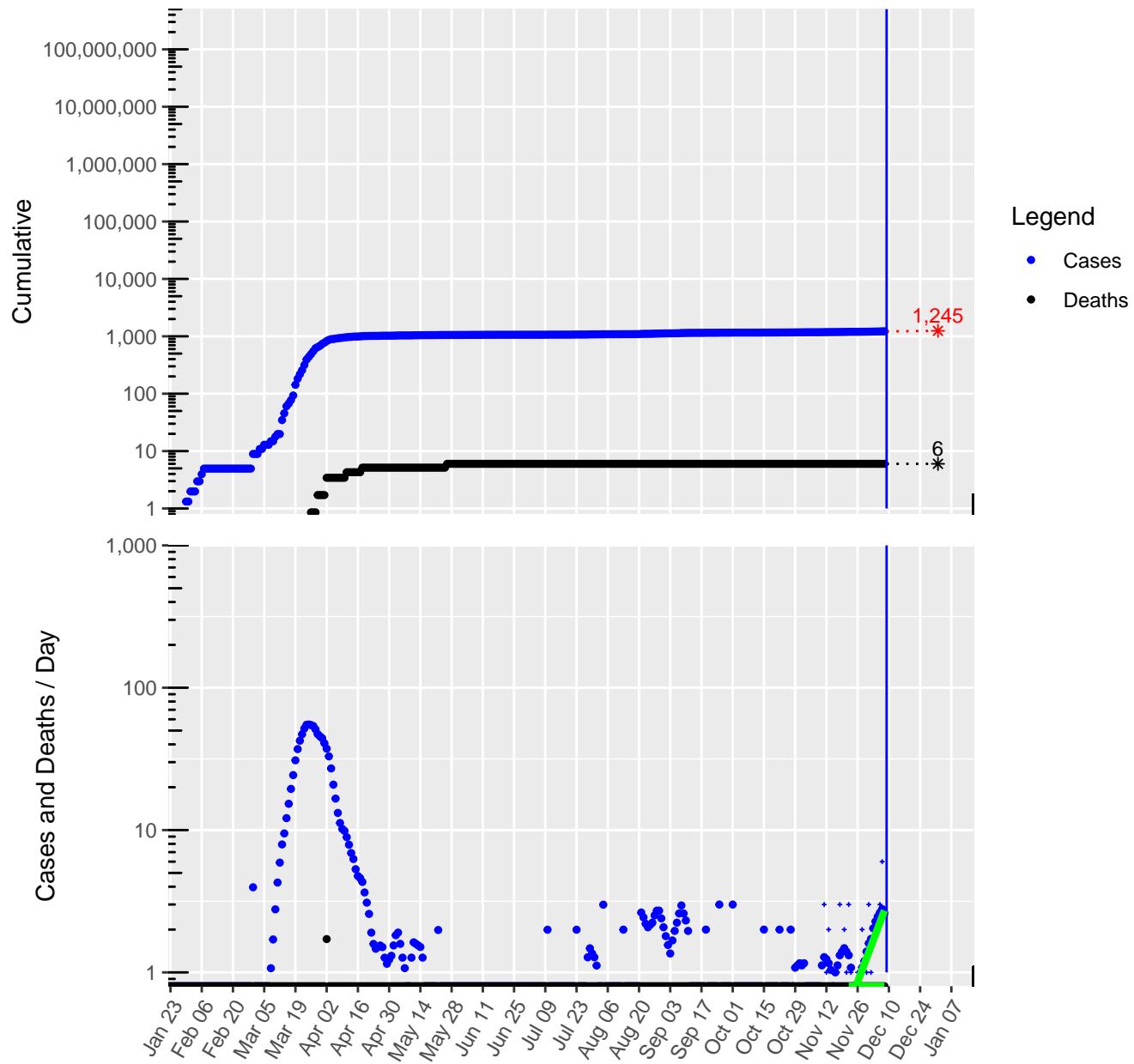
# New South Wales, Australia, projection as of 2020-12-09



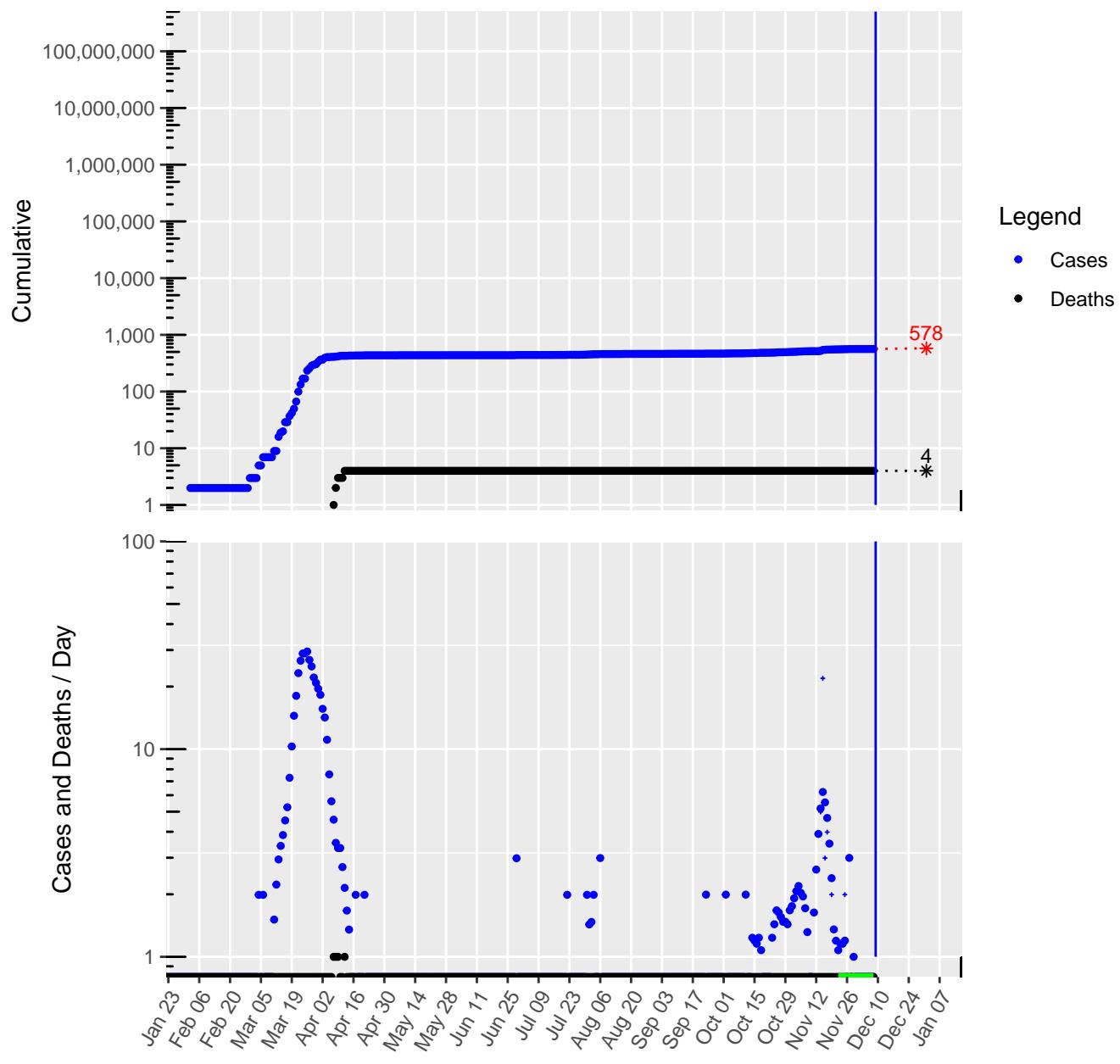
# Northern Territory, Australia, projection as of 2020-12-09



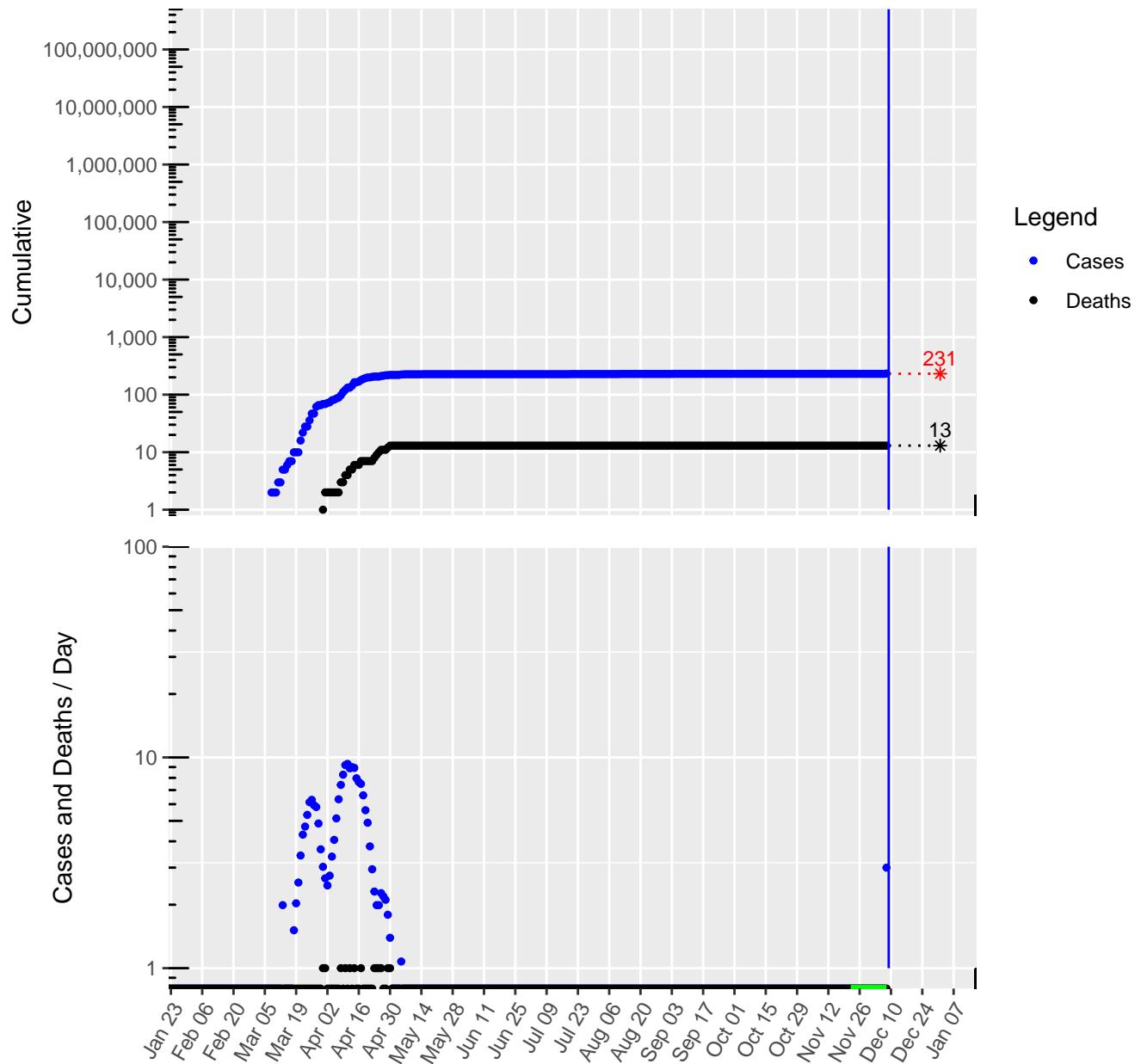
# Queensland, Australia, projection as of 2020-12-09



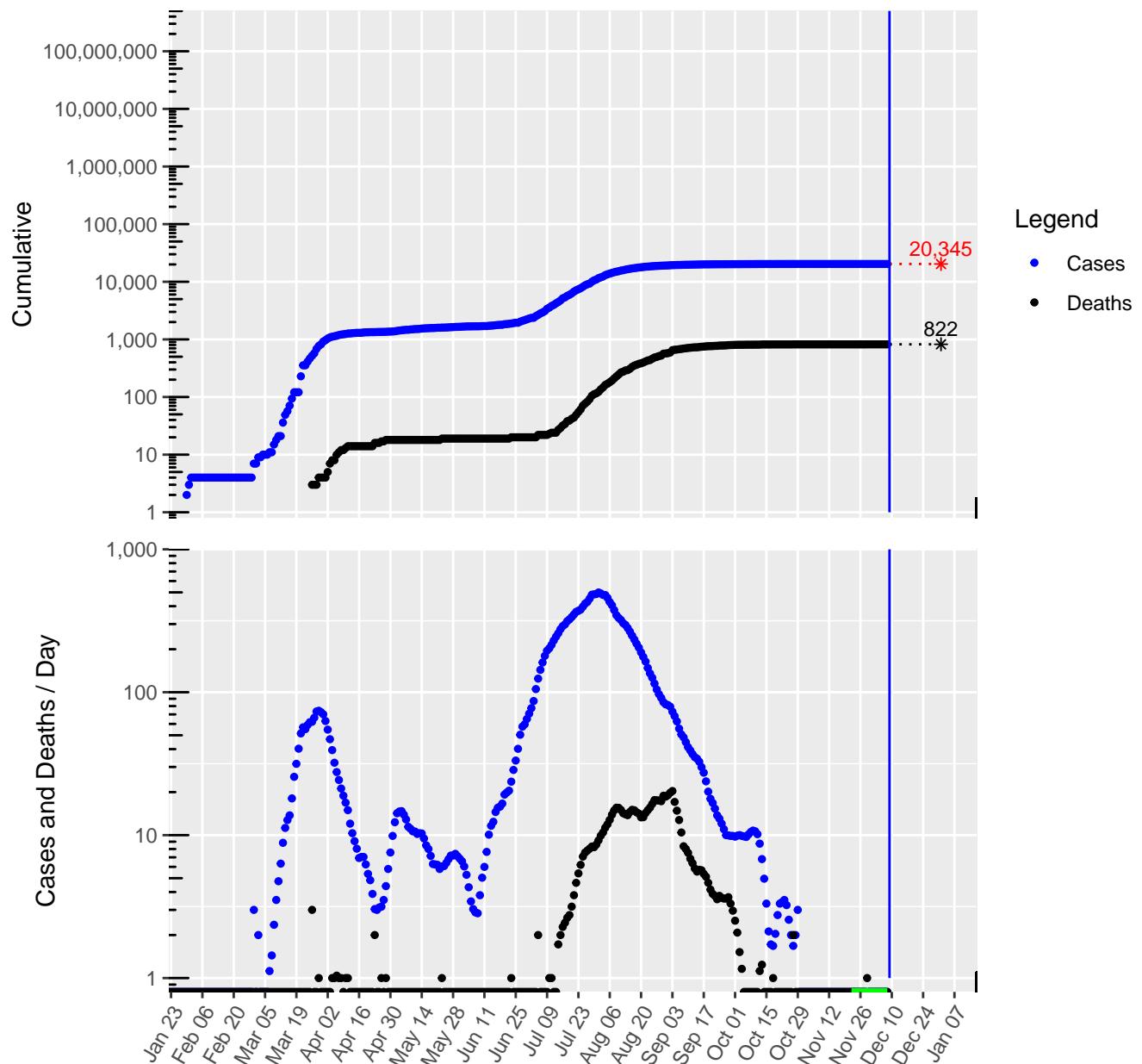
# South Australia, Australia, projection as of 2020-12-09



# Tasmania, Australia, projection as of 2020-12-09



# Victoria, Australia, projection as of 2020-12-09



# Western Australia, Australia, projection as of 2020-12-09

