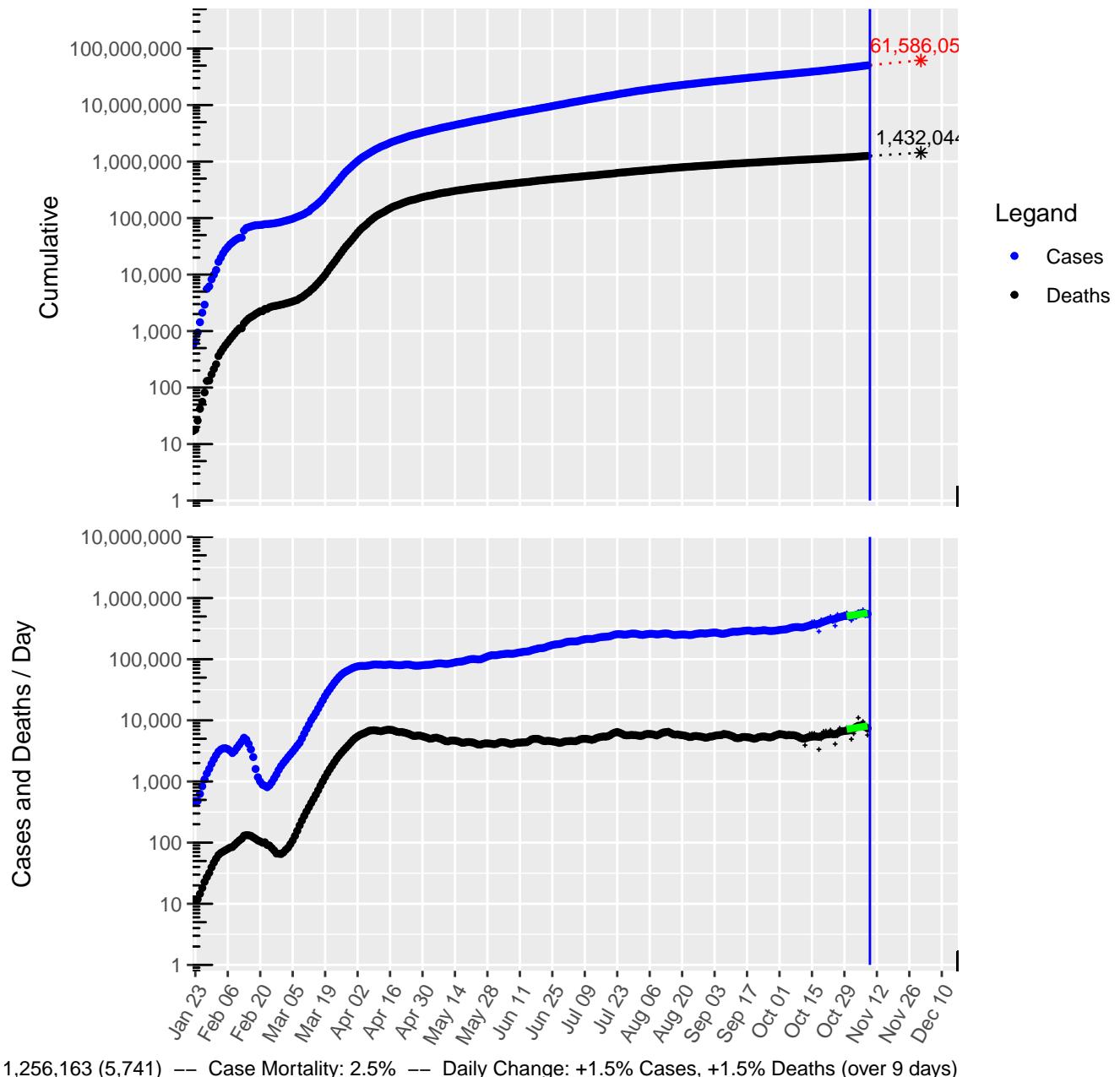
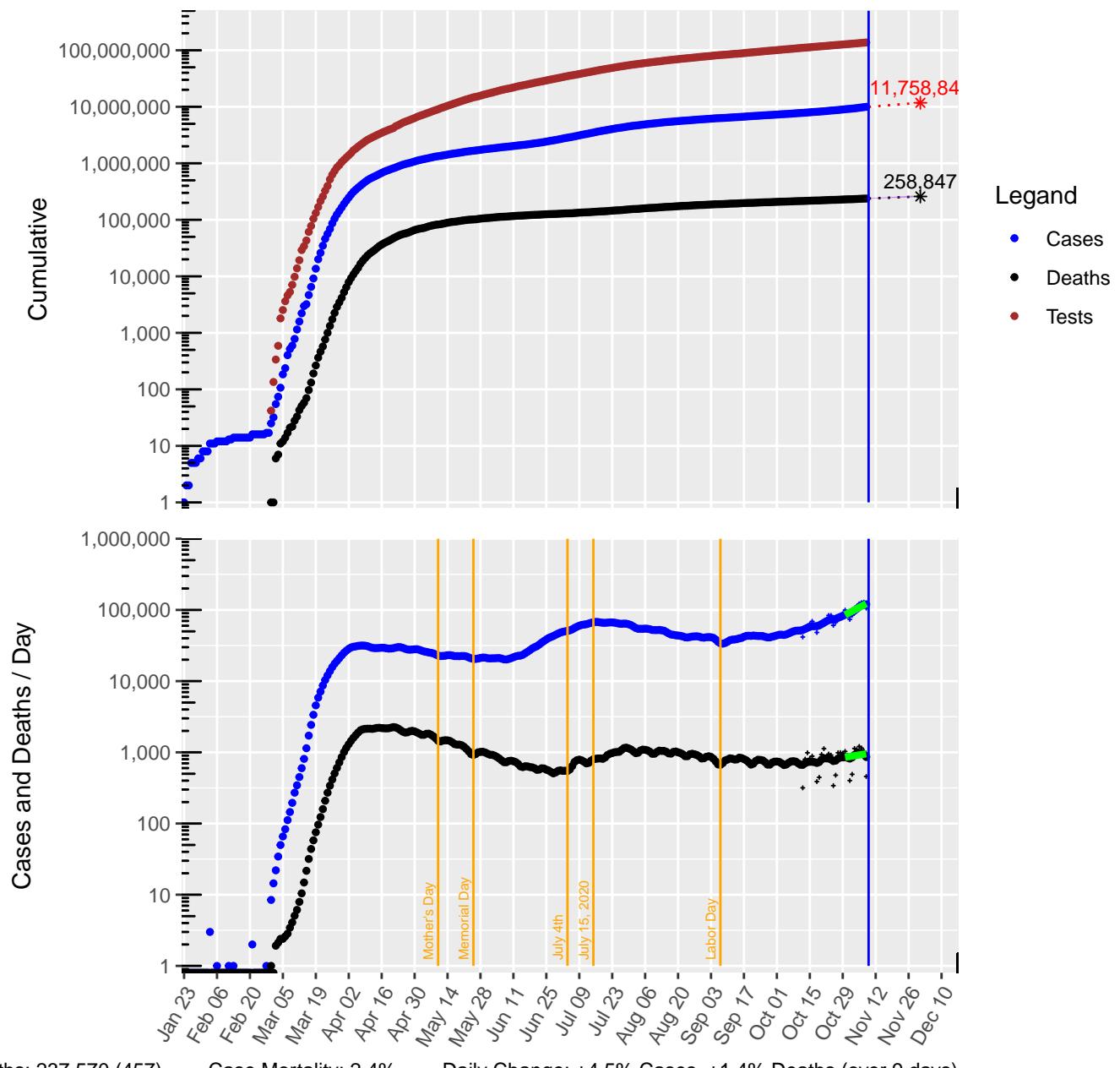


Worldwide projection as of 2020-11-09

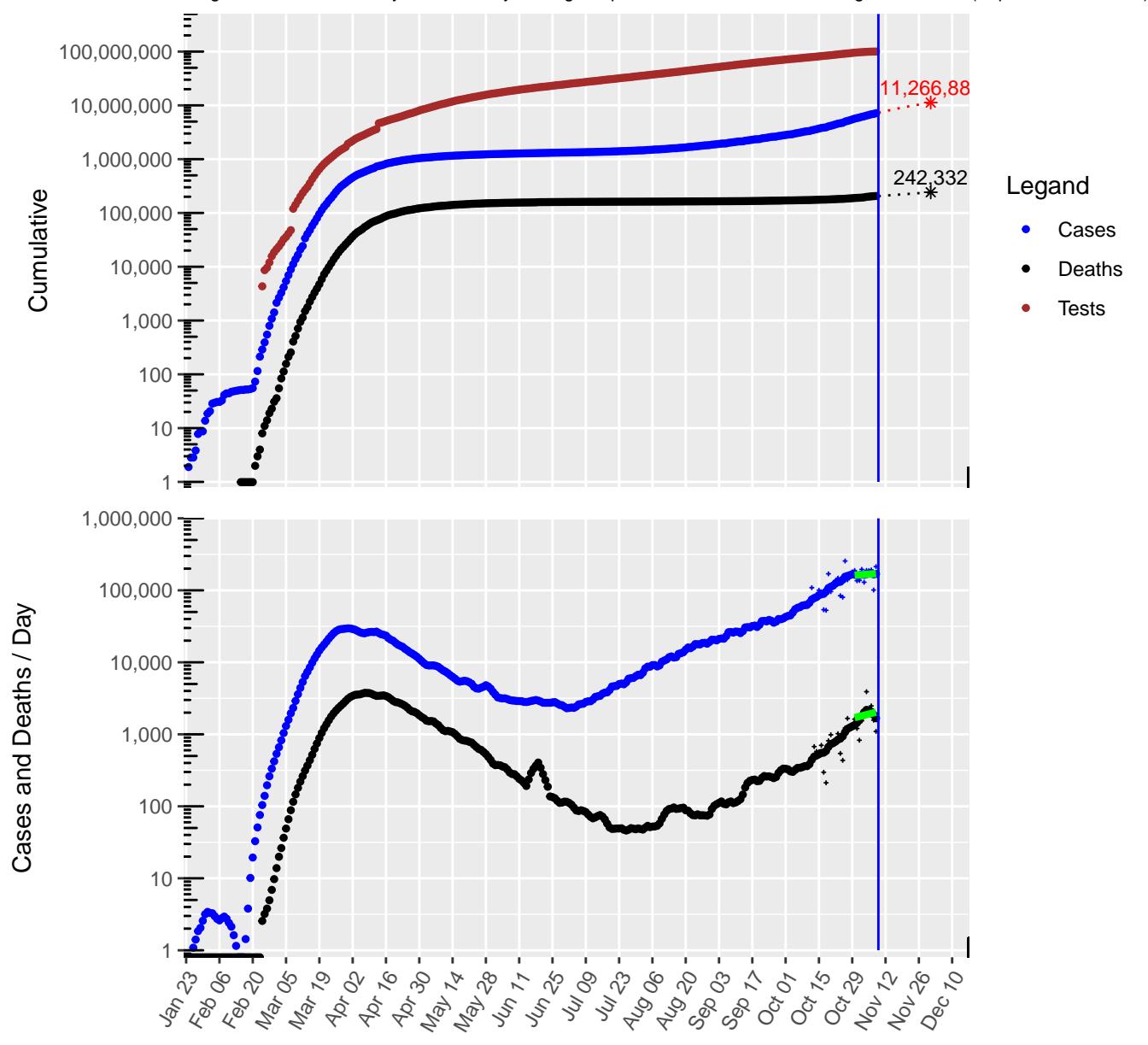


USA projection as of 2020-11-09



Western Europe projection as of 2020-11-09

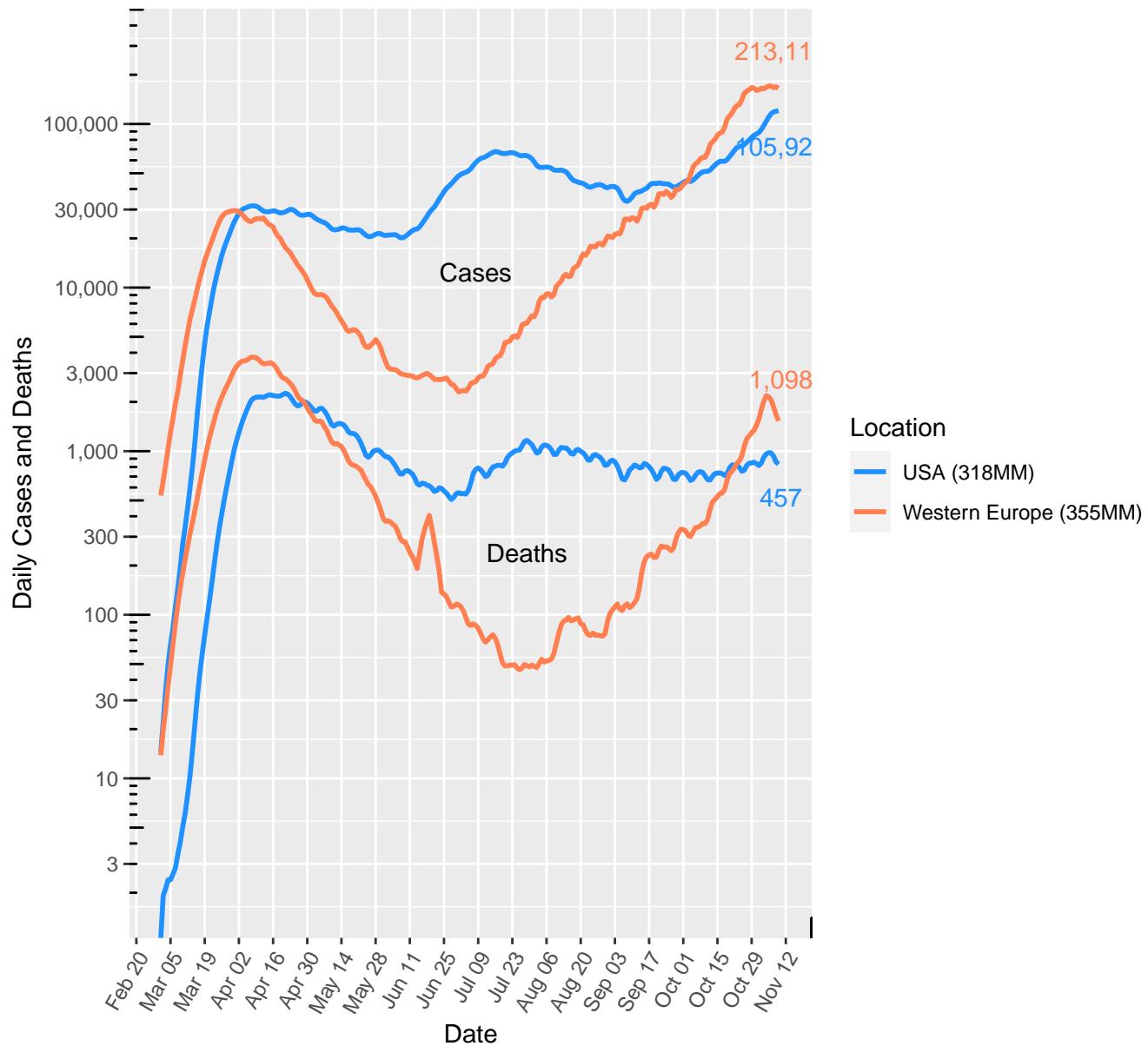
Belgium, France, Germany, Greece, Italy, Portugal, Spain, Netherlands, Luxembourg, and the UK (Population = 355MM)



as: 206,140 (1,098) --- Case Mortality: 2.9% --- Daily Change: +0.7% Cases, +2.2% Deaths (over 9 days)

Comparison of COVID-19 Cases & Deaths between US & Europe

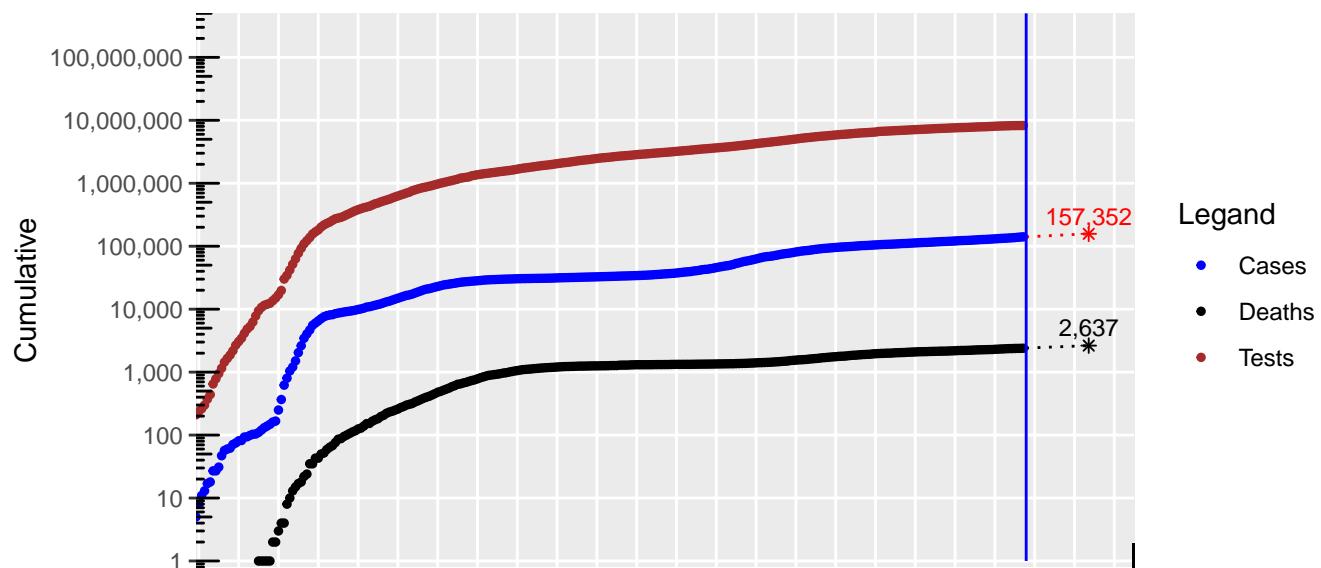
Log plot of 7 day average



Numbers on the right are yesterday's figures, and will differ a bit from the plotted rolling mean

Non-authoritarian Asian ensemble projection as of 2020-11-09

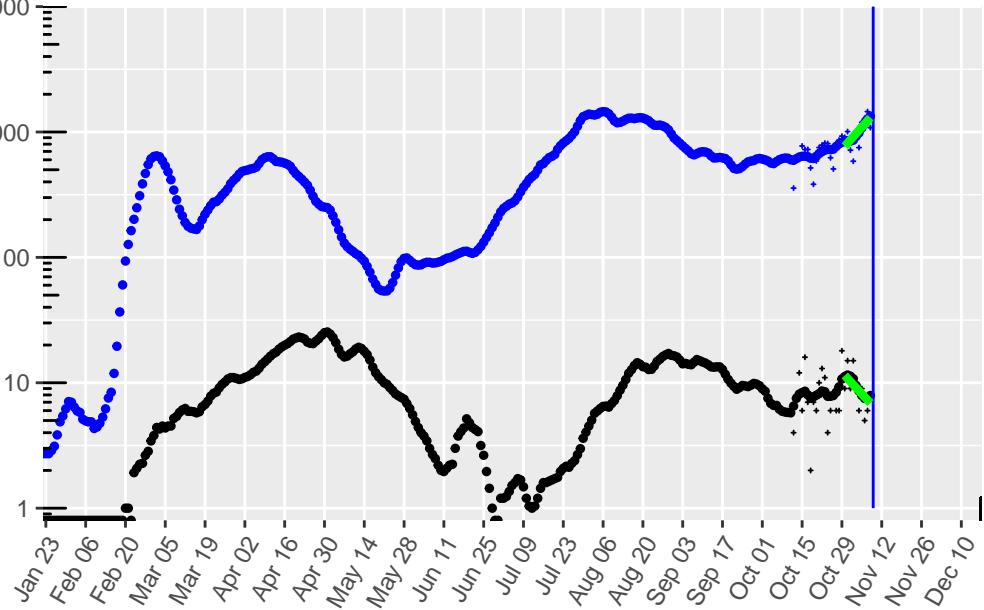
Japan, South Korea, Thailand, and Vietnam (Population = 328 MM)



Legend

- Cases
- Deaths
- Tests

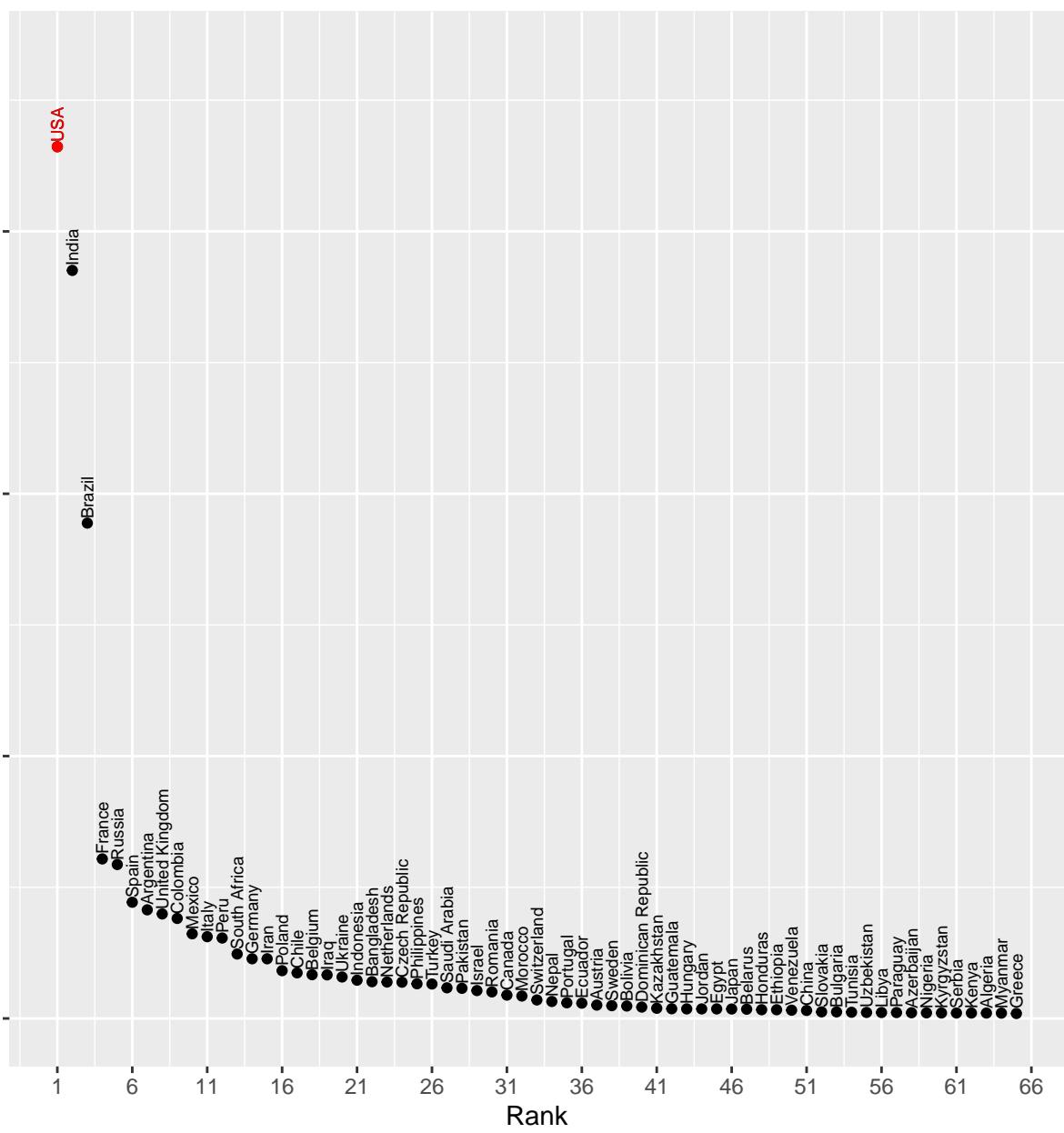
Cases and Deaths / Day



Deaths: 2,396 (8) --- Case Mortality: 1.7% --- Daily Change: +6.4% Cases, -6.2% Deaths (over 9 days)

Worldwide cases

Total cases to date



Excludes countries with population < 5,000,000

Worldwide cases

Total cases to date

1 in 20

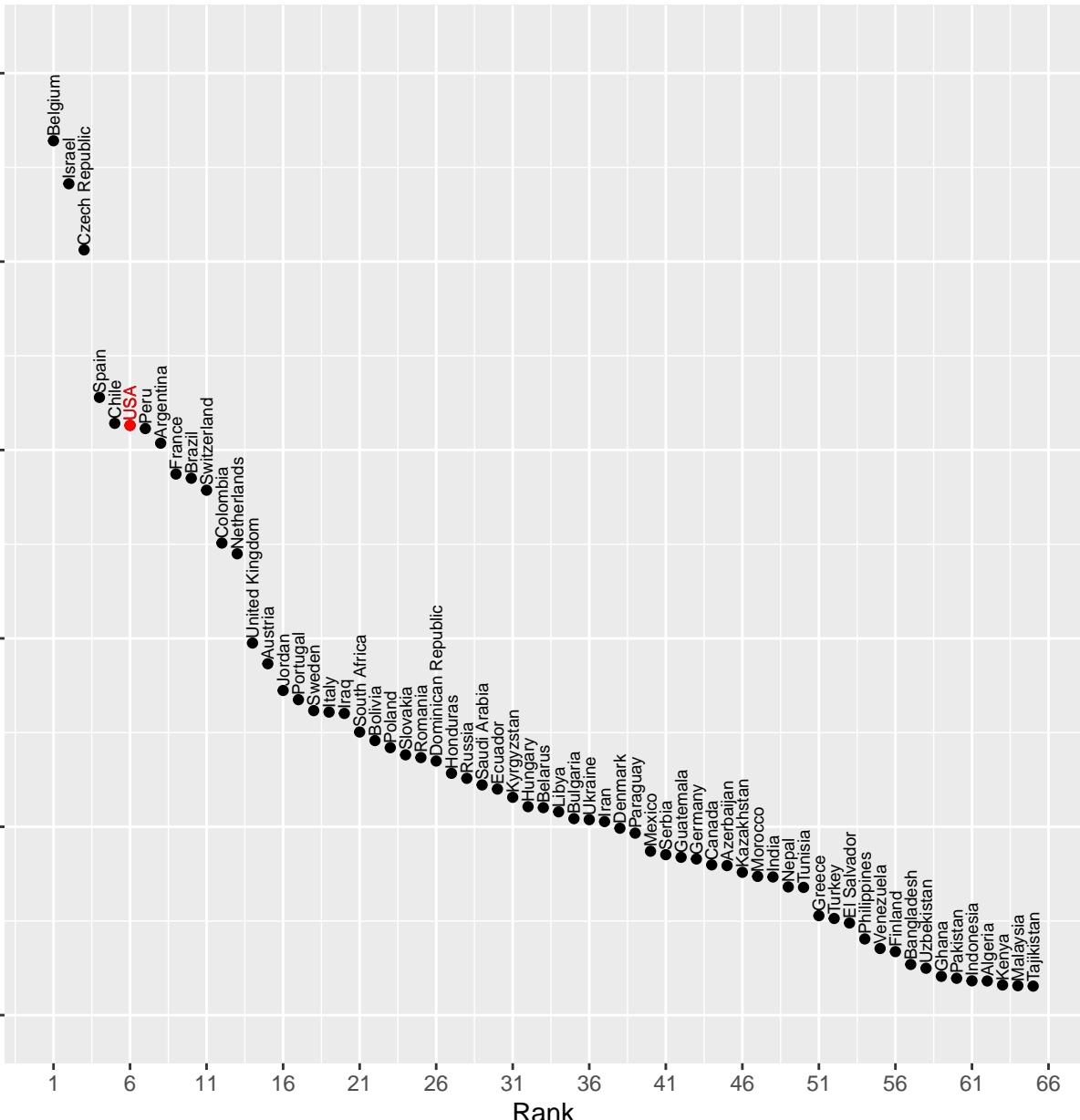
1 in 25

1 in 33

1 in 50

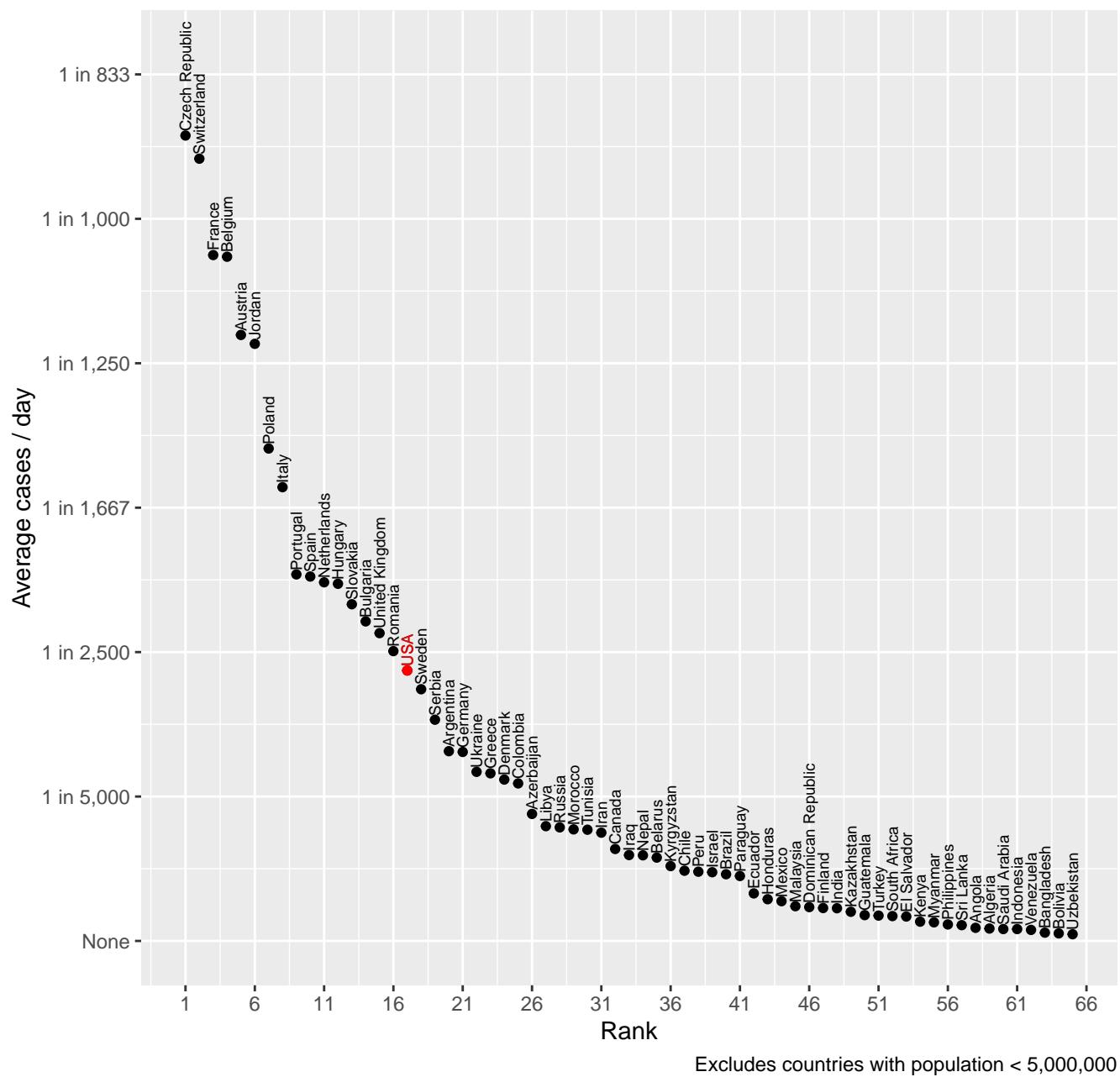
1 in 100

None



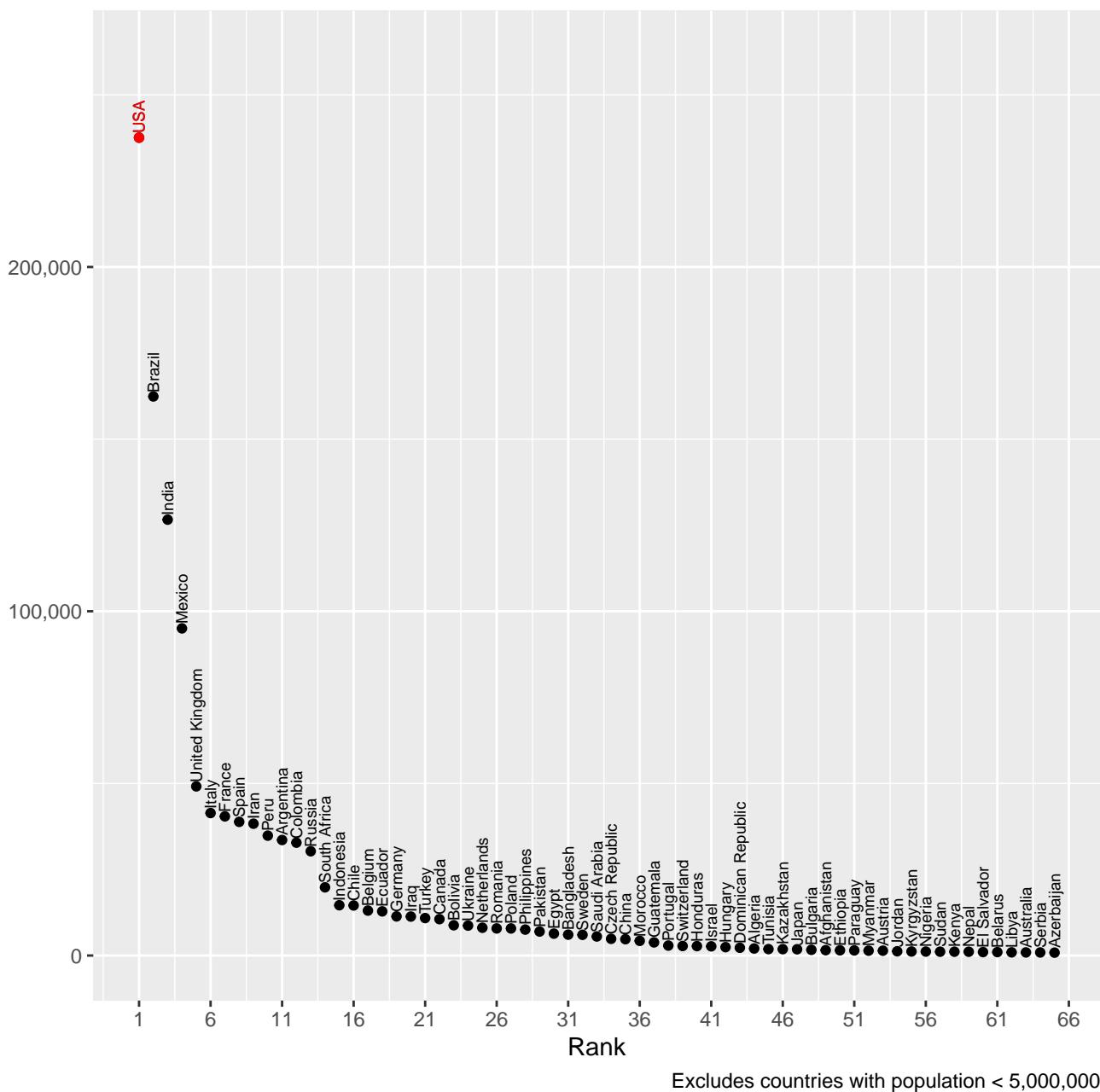
Excludes countries with population < 5,000,000

Average new cases over past 7 days



Worldwide deaths

Total deaths to date



Worldwide deaths

Total deaths to date

1 in 833 -

1 in 1,000 -

1 in 1,250 -

1 in 1,667 -

1 in 2,500 -

1 in 5,000 -

None -

1

6

11

16

21

26

31

36

41

46

51

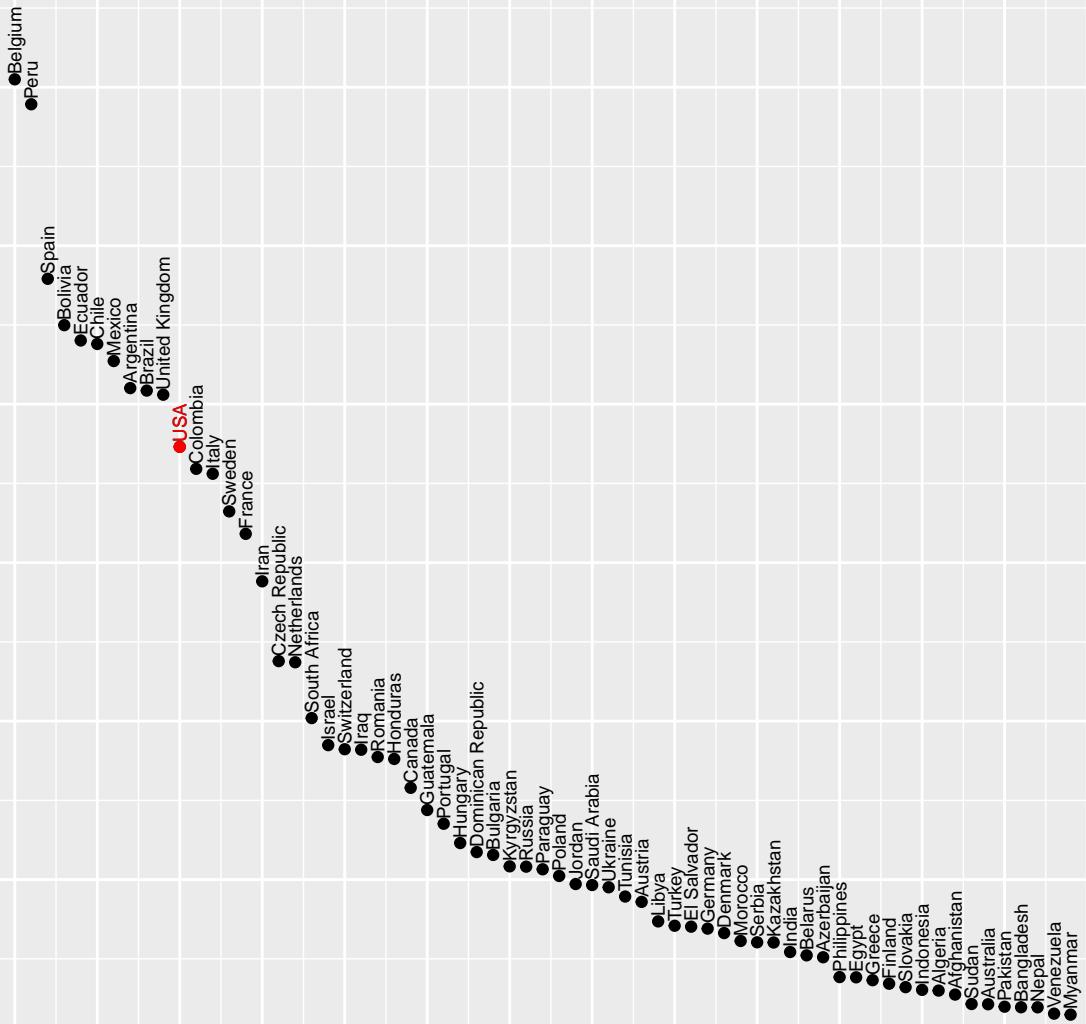
56

61

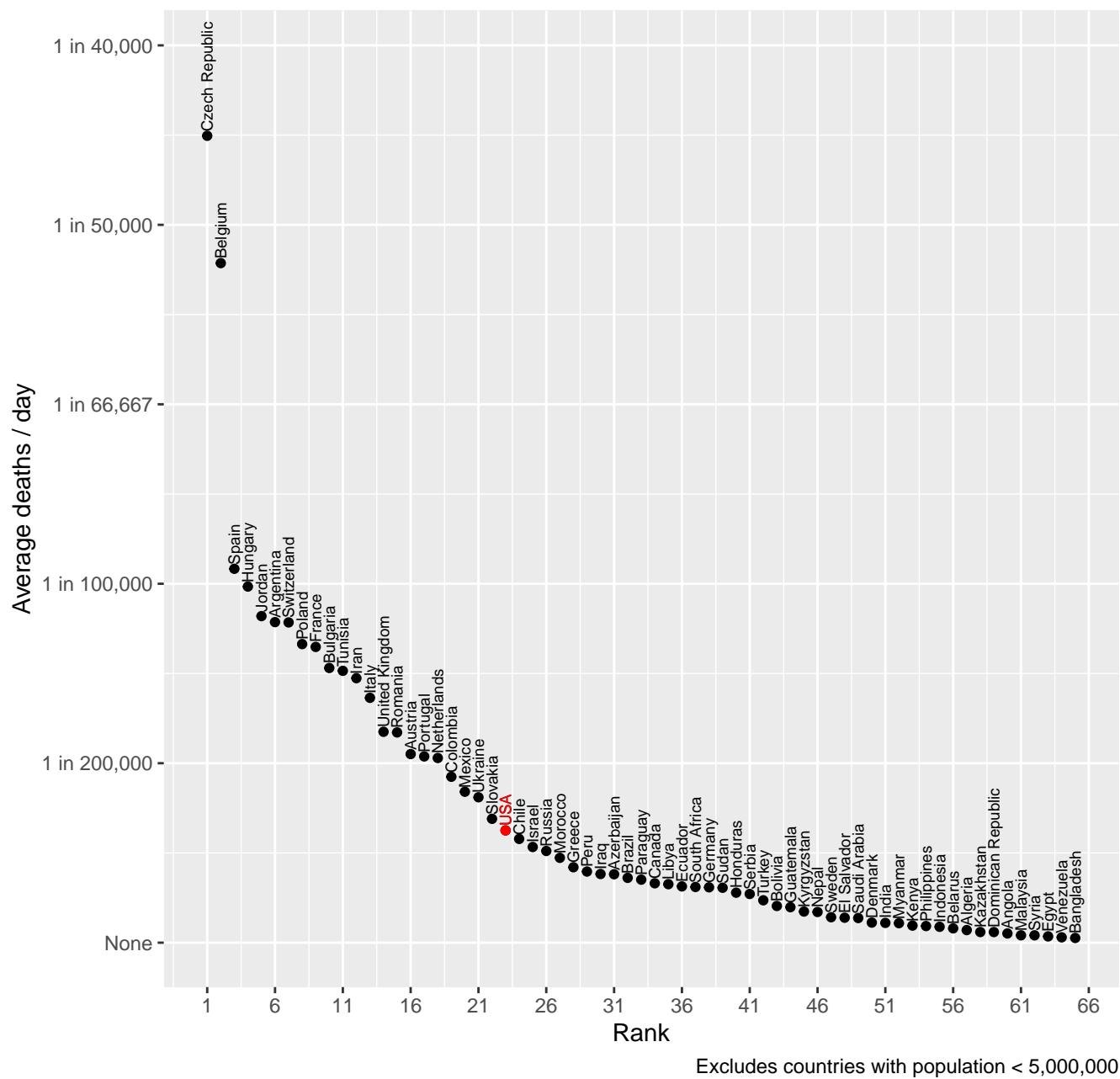
66

Rank

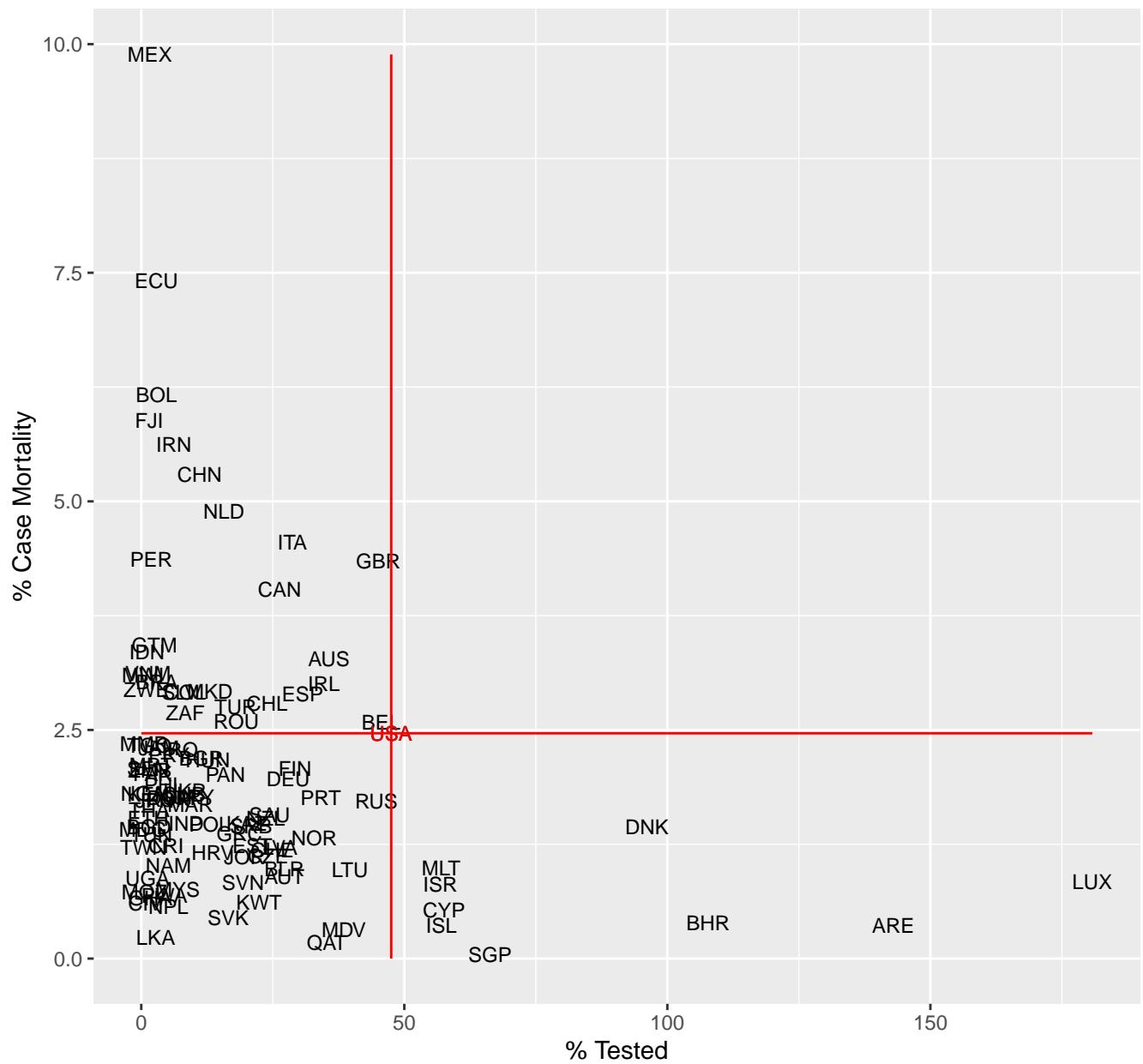
Excludes countries with population < 5,000,000



Average daily deaths over past 7 days

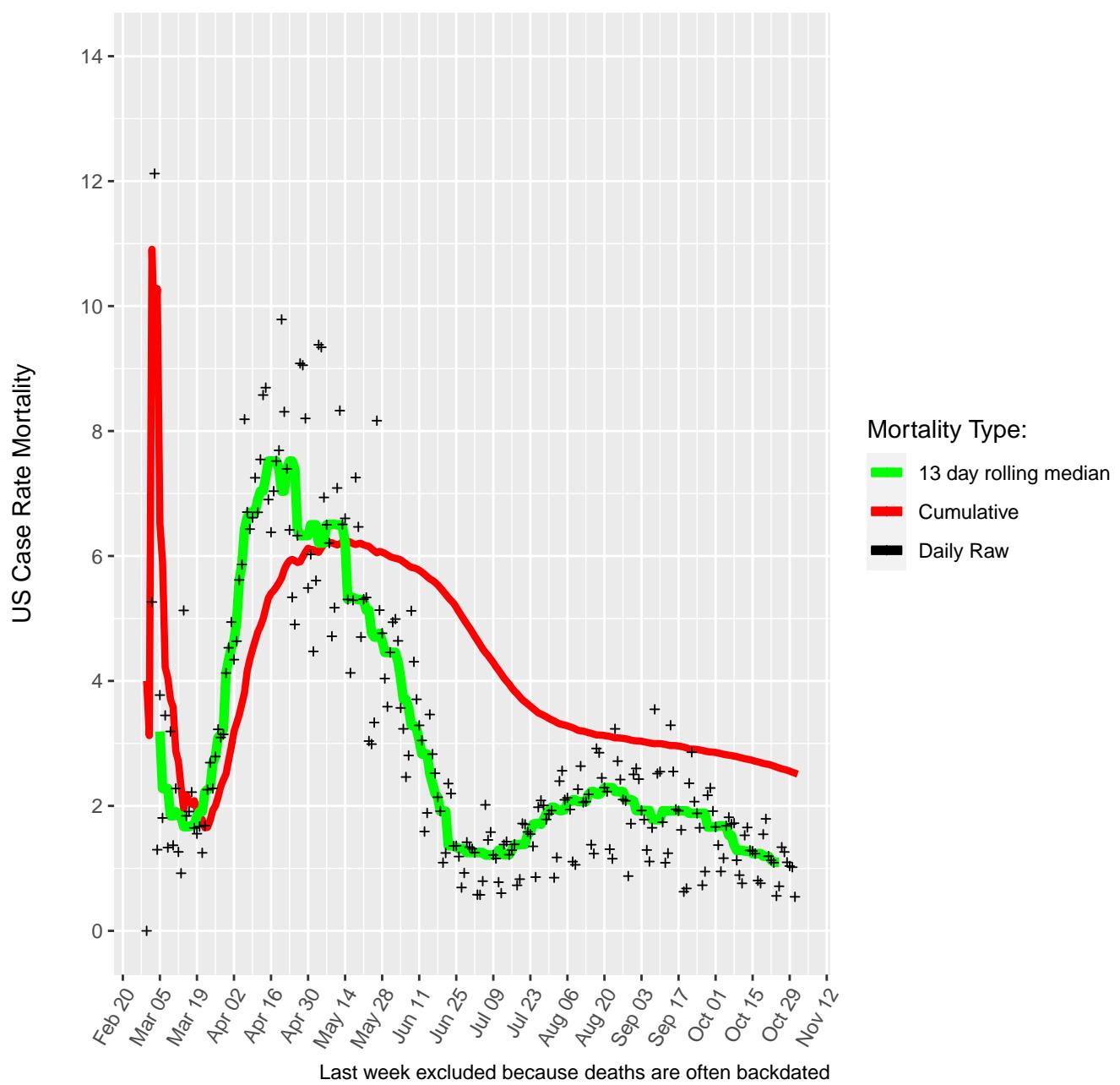


Case Mortality vs. Testing as of 2020-11-09

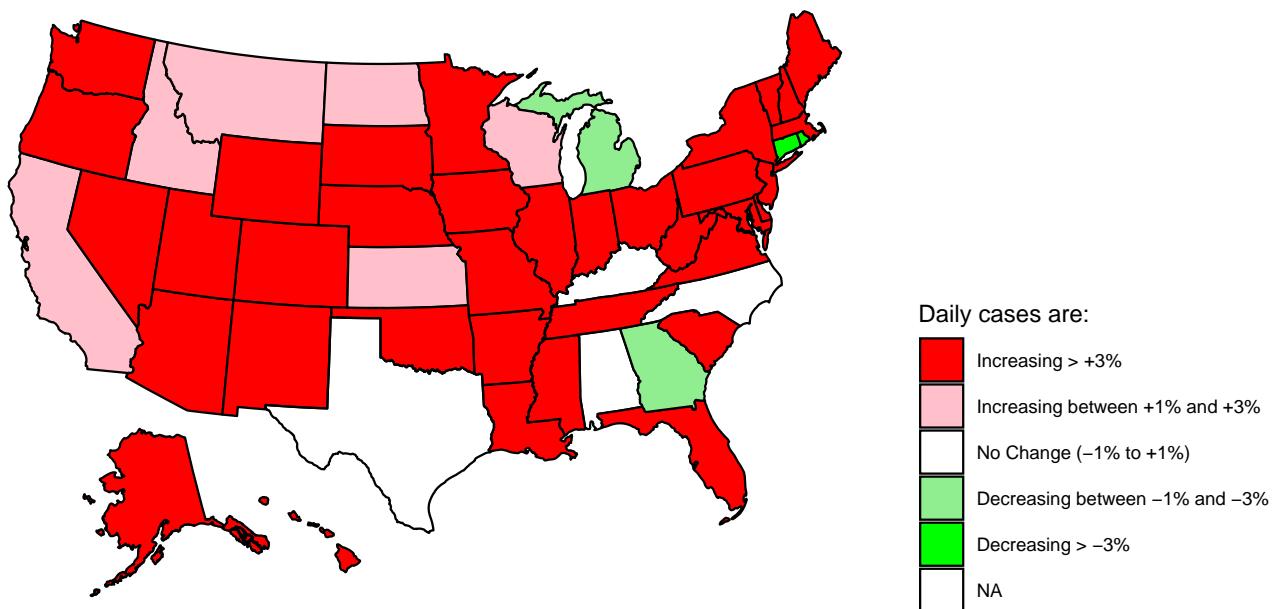


ARE: United Arab Emirates, BHR:Bahrain, MLT: Malta, ISR: Israel, ISL: Iceland, SGP: Singapore

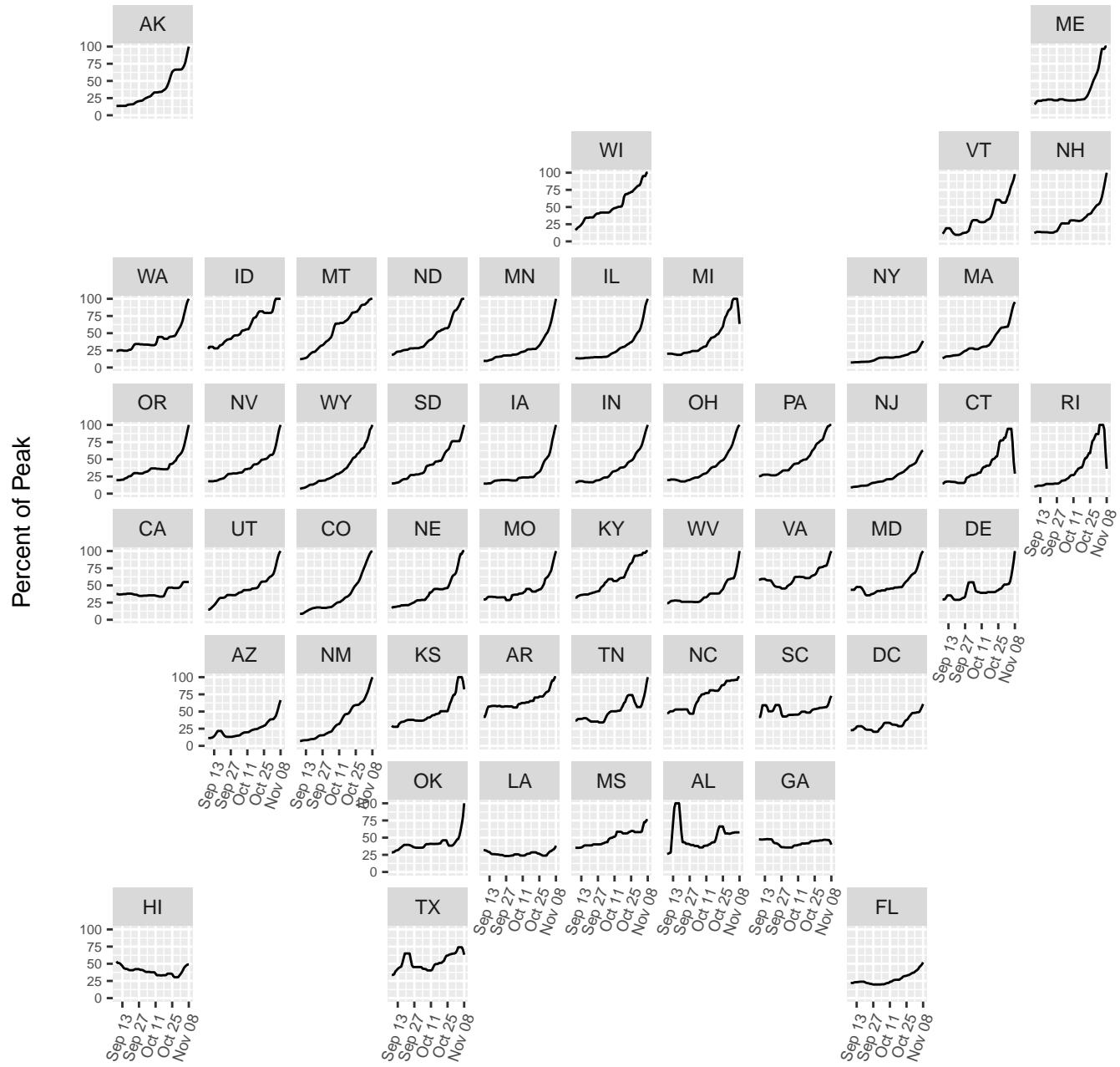
Daily vs. Cumulative US Case Rate Mortality



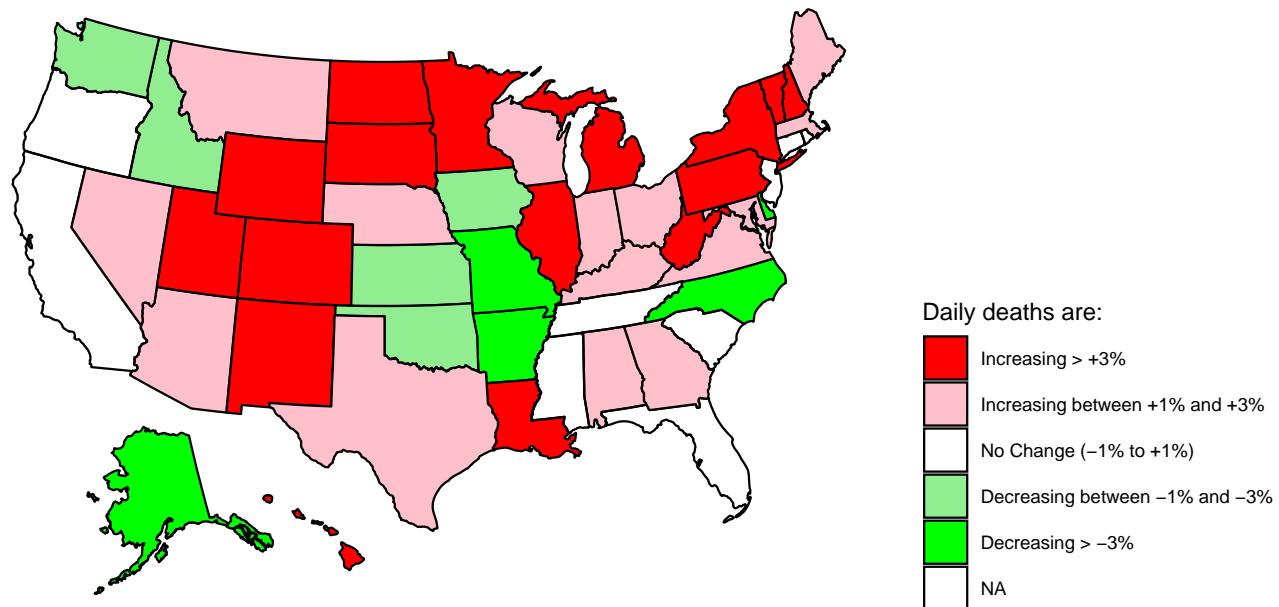
Change in daily cases over 9 days as of 2020-11-09



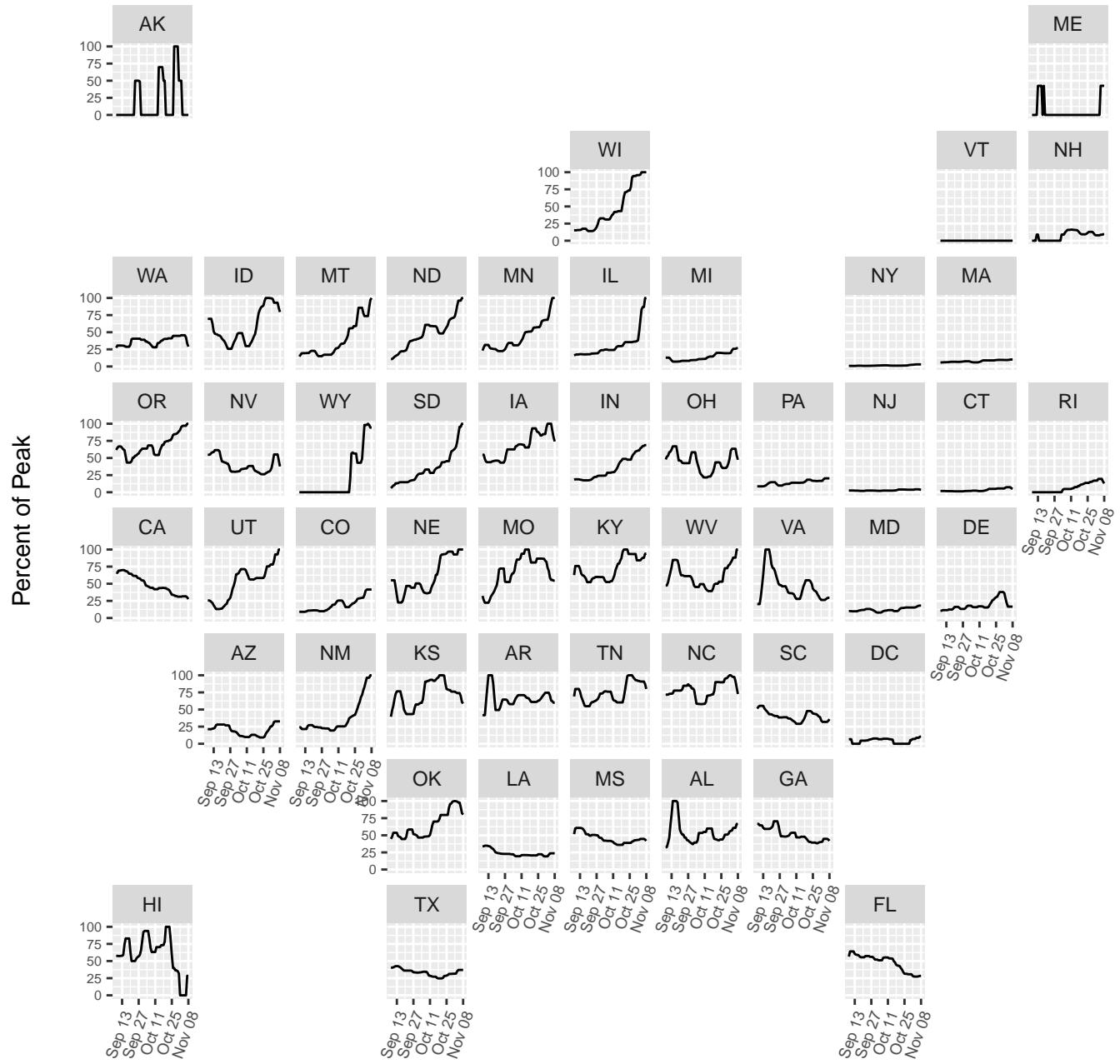
Daily Cases as a Percent of Peak Cases



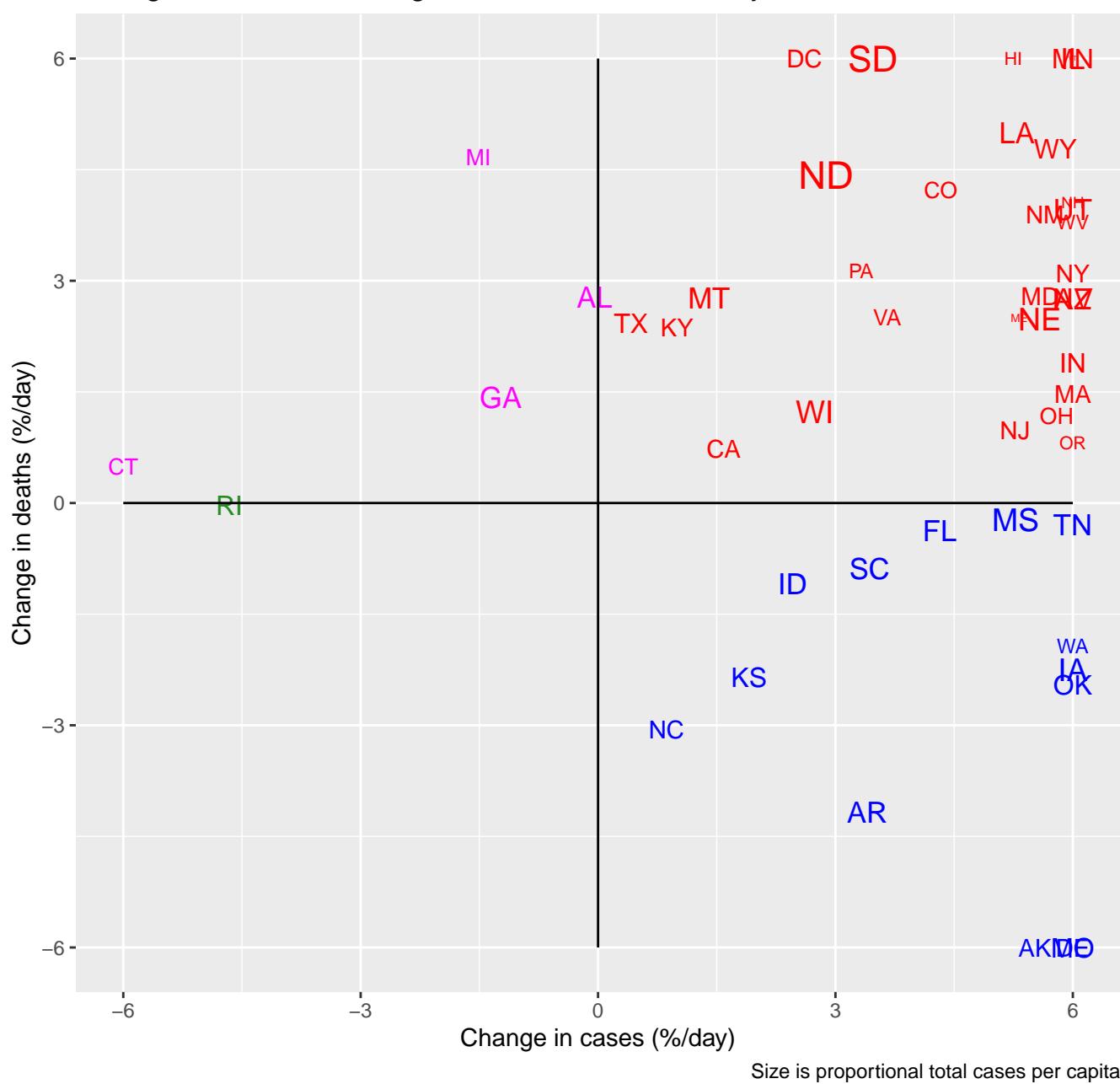
Change in daily deaths over 9 days as of 2020-11-09



Daily Deaths as a Percent of Peak Deaths

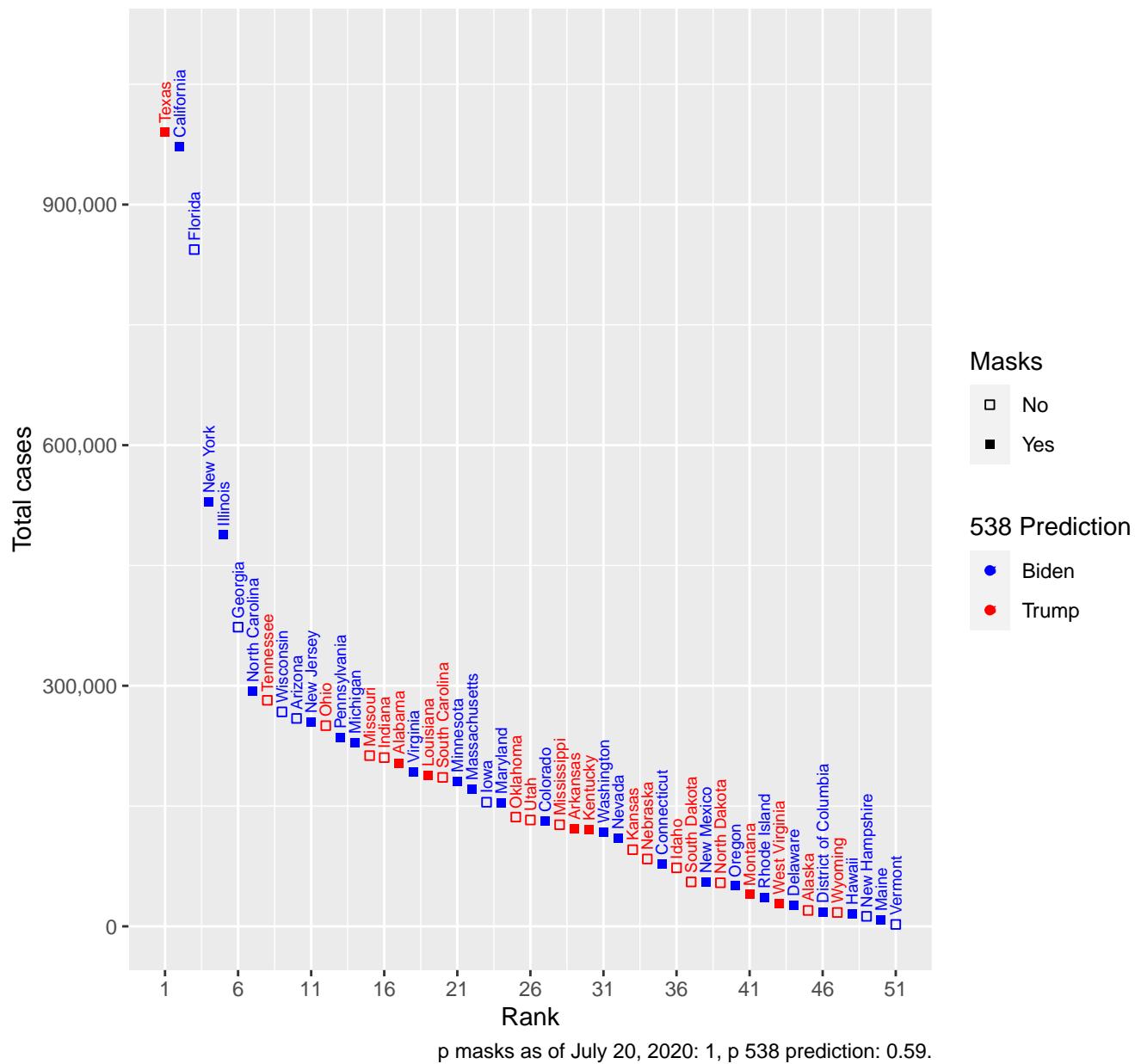


Change in cases vs. change in deaths over last 9 days as of 2020-11-09



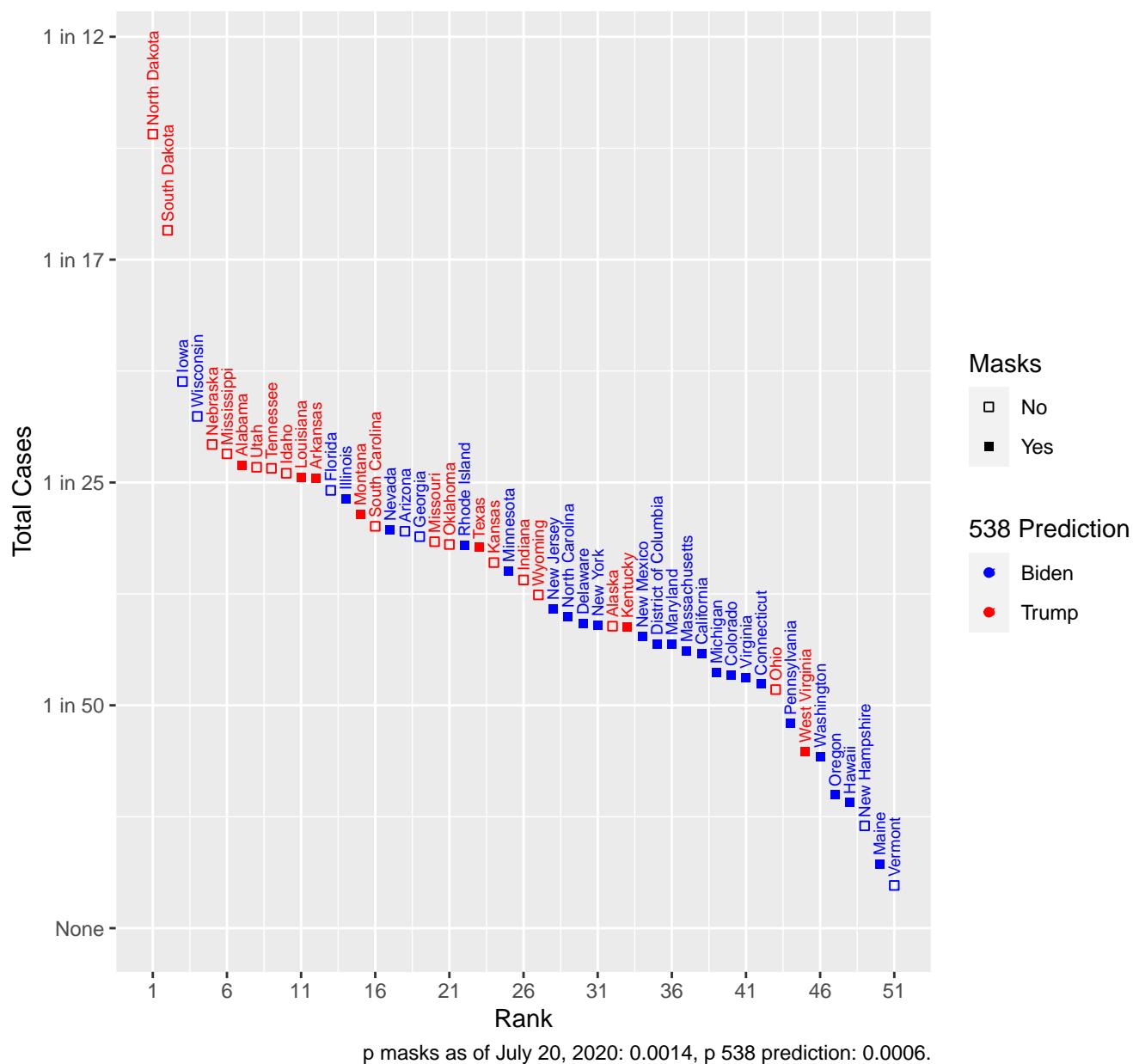
Total US COVID-19 Cases

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



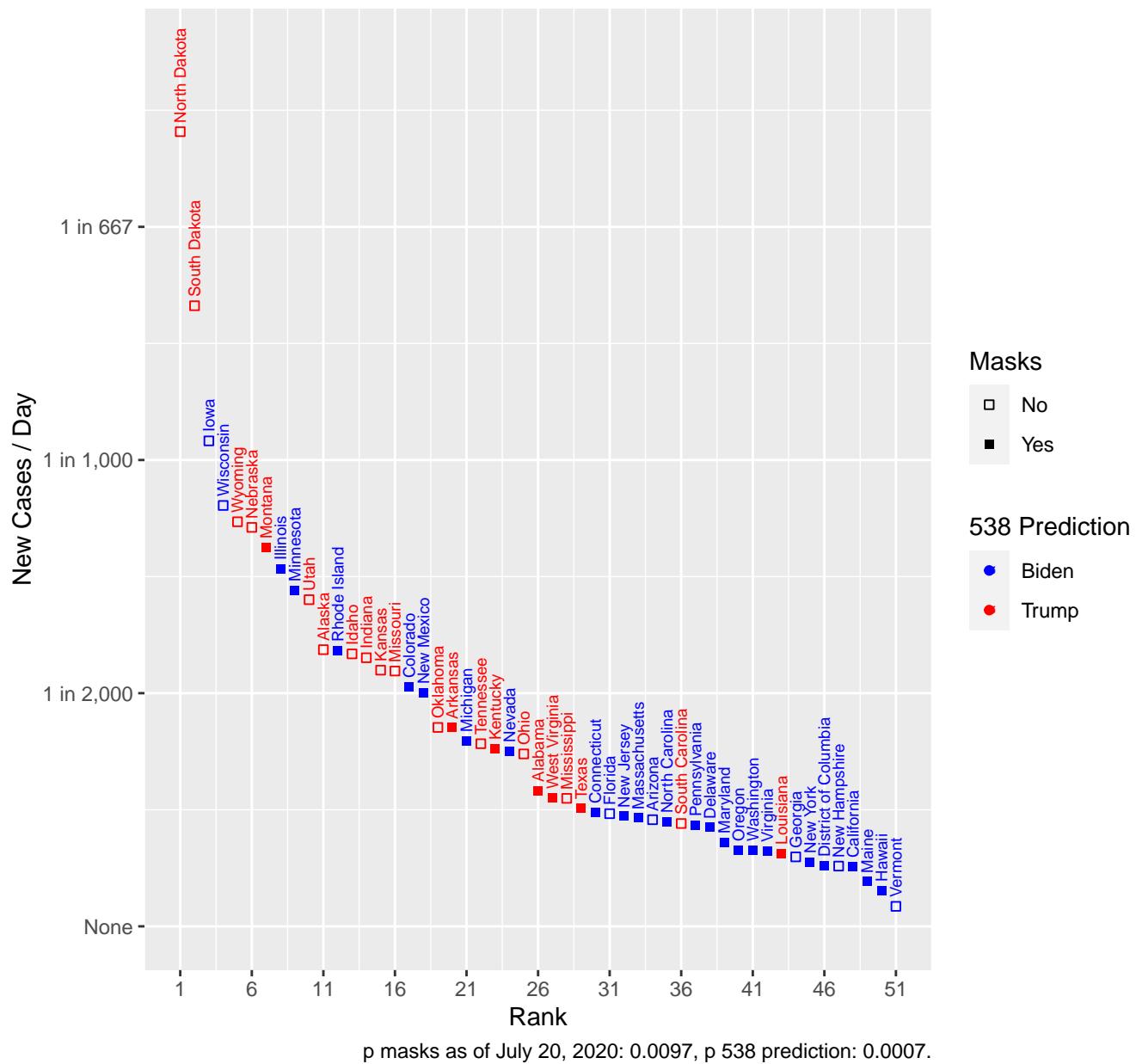
Total US COVID-19 Cases

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



Average US COVID-19 cases over the past 7 days

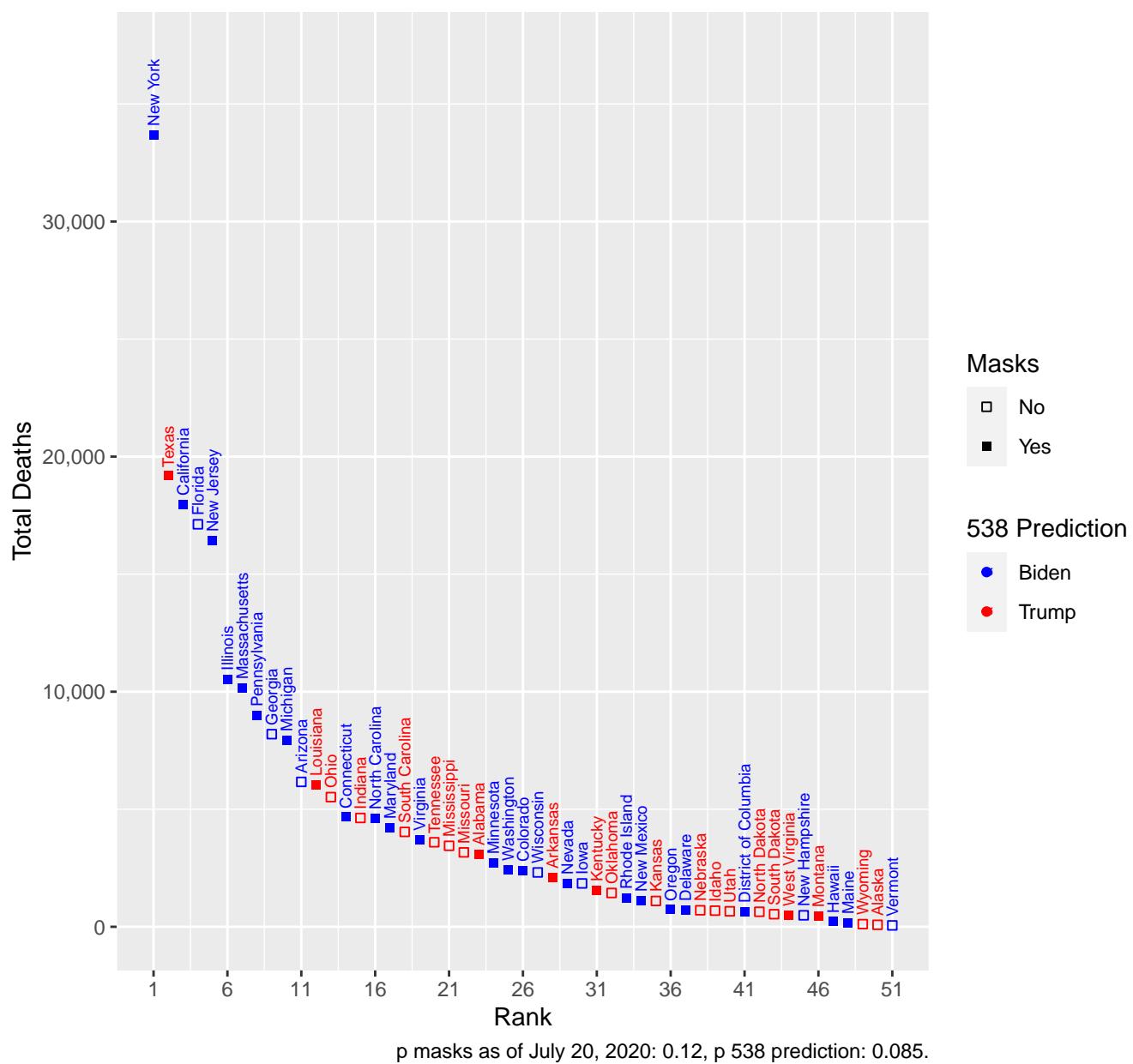
Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



p masks as of July 20, 2020: 0.0097, p 538 prediction: 0.0007.

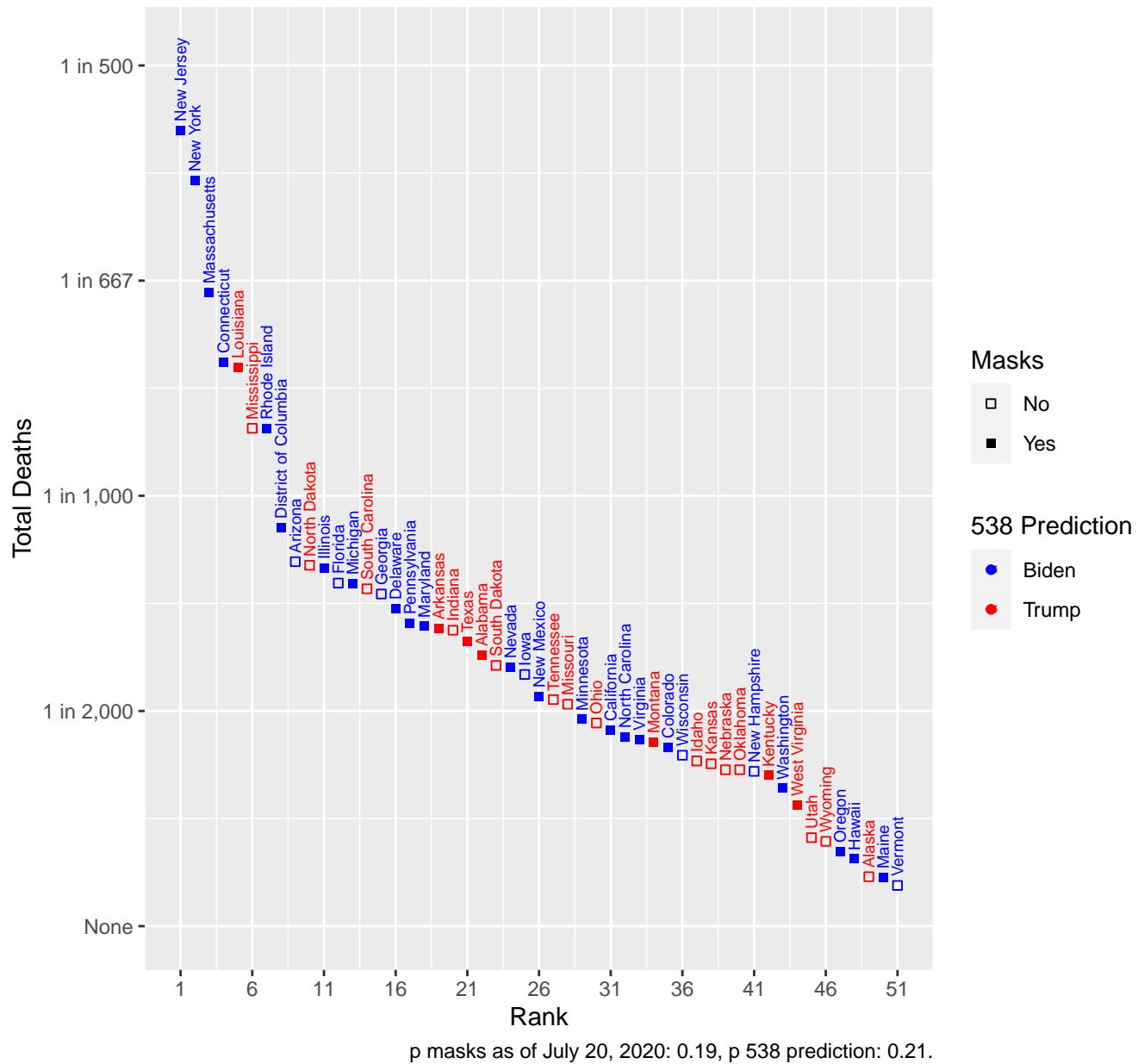
Total US COVID-19 Deaths

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



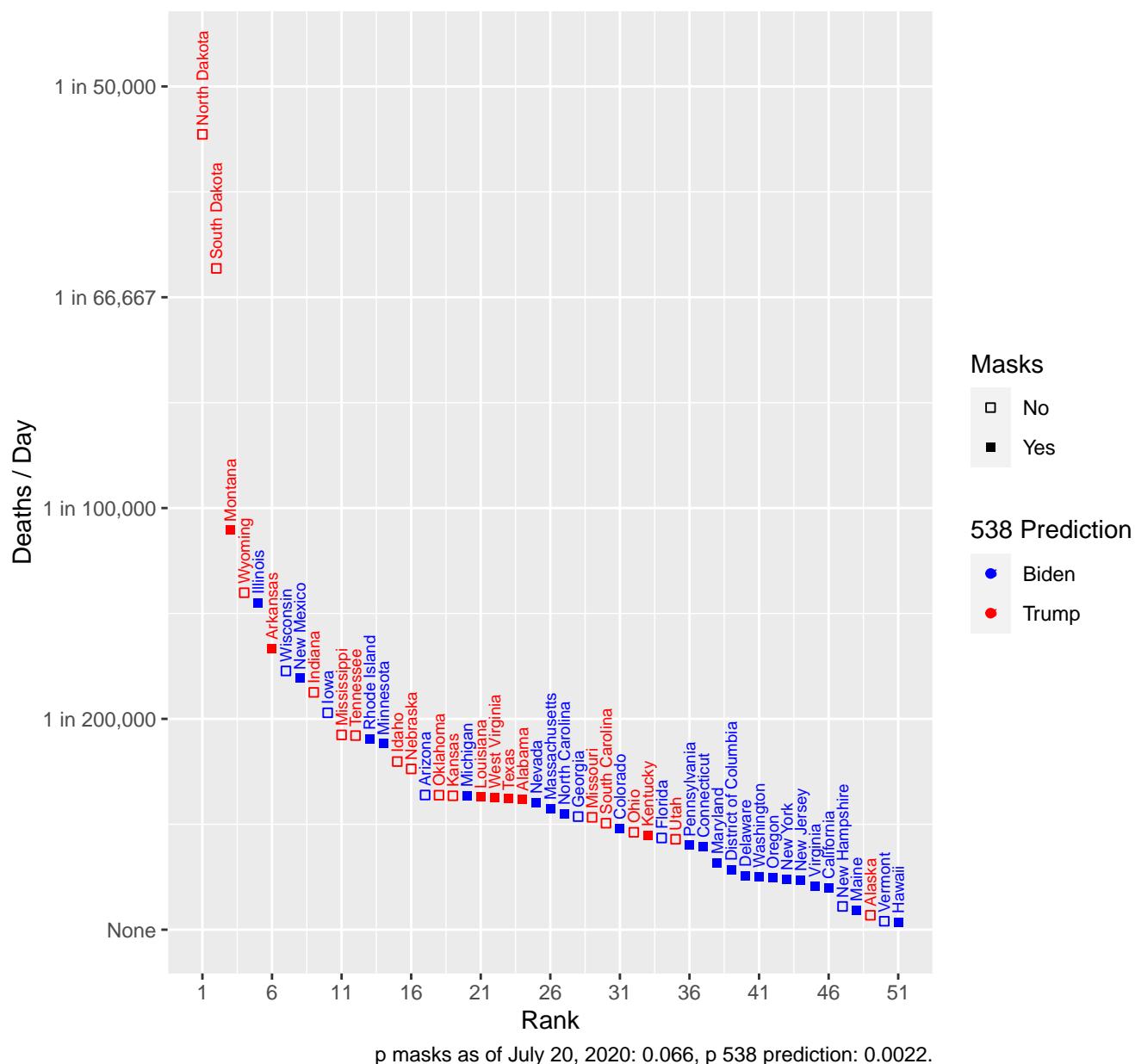
Total US COVID-19 Deaths

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



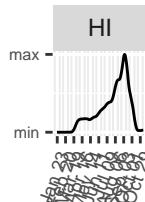
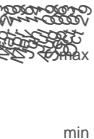
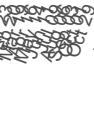
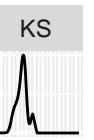
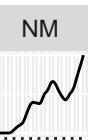
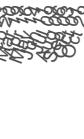
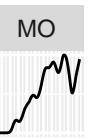
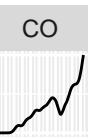
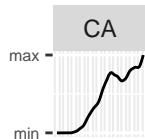
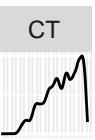
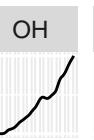
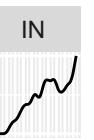
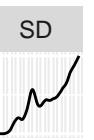
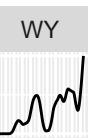
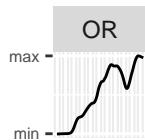
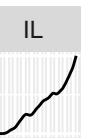
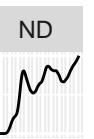
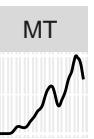
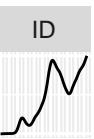
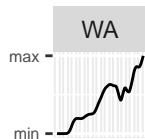
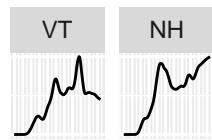
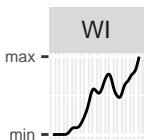
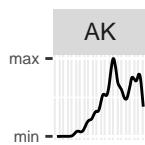
Average US COVID-19 deaths over the past 7 days

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



Daily testing trends from min to max

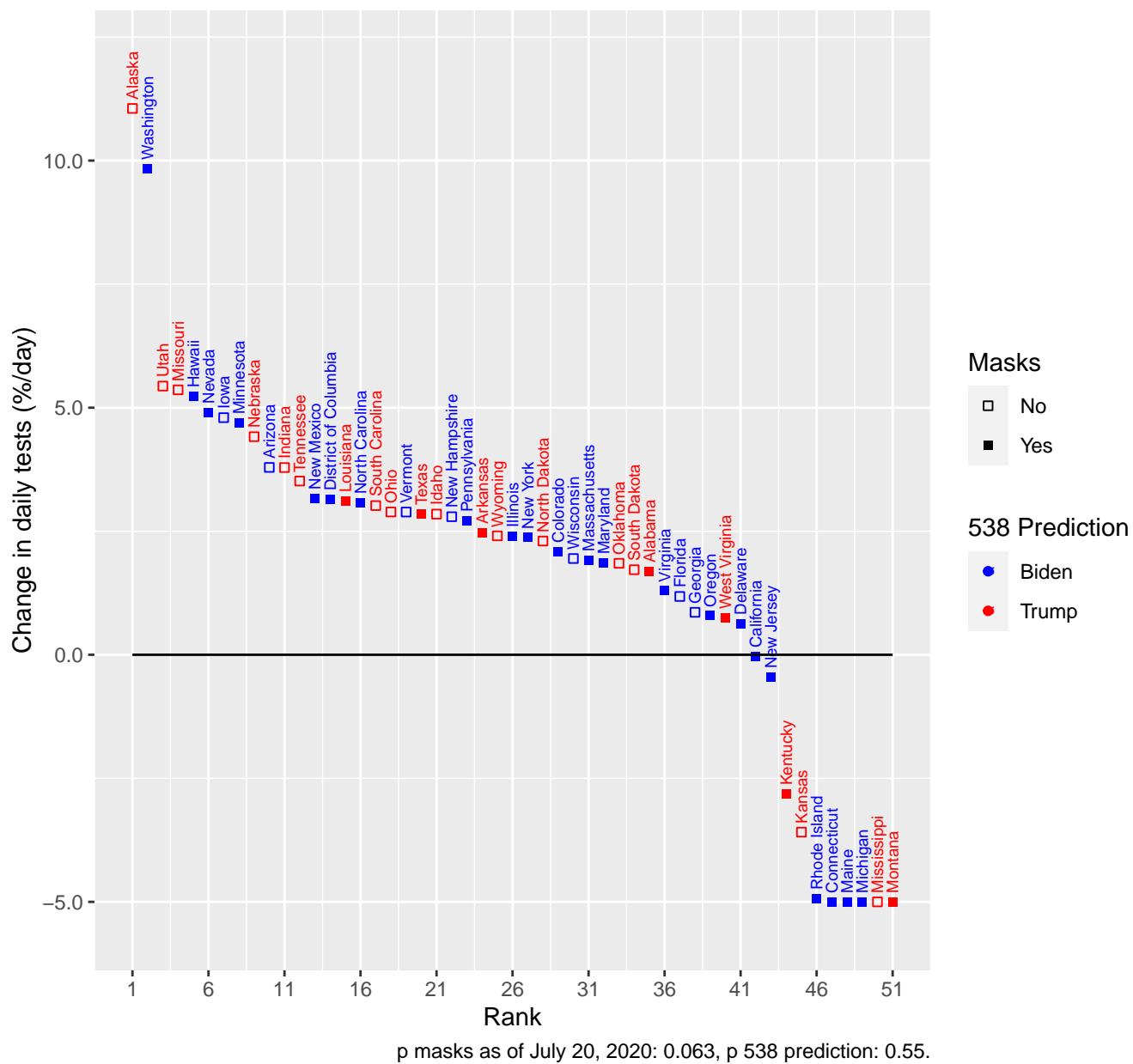
Daily testing from min to max



Line = Friedman's supersmoothed

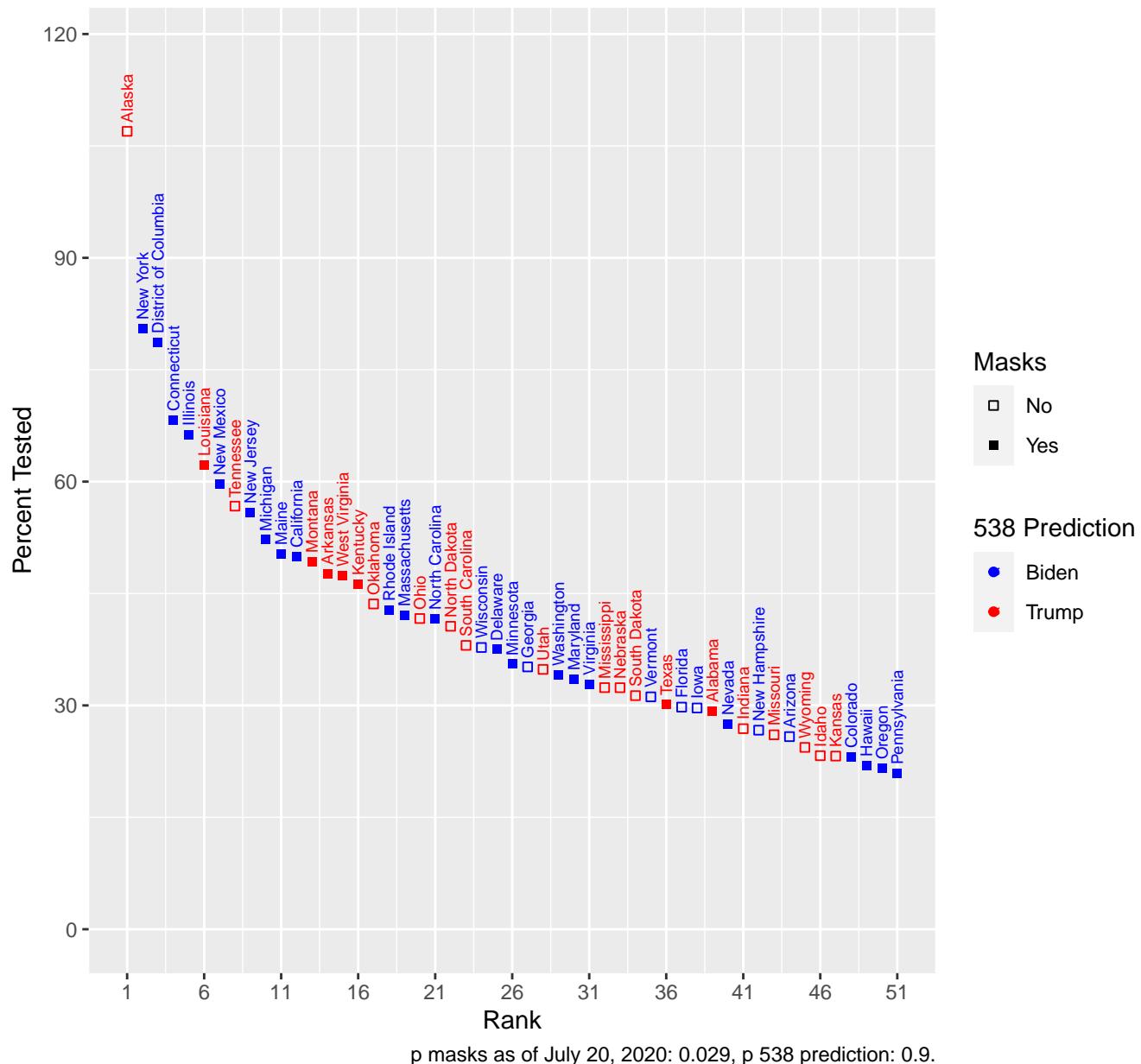
Change in daily tests over past 9 days

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



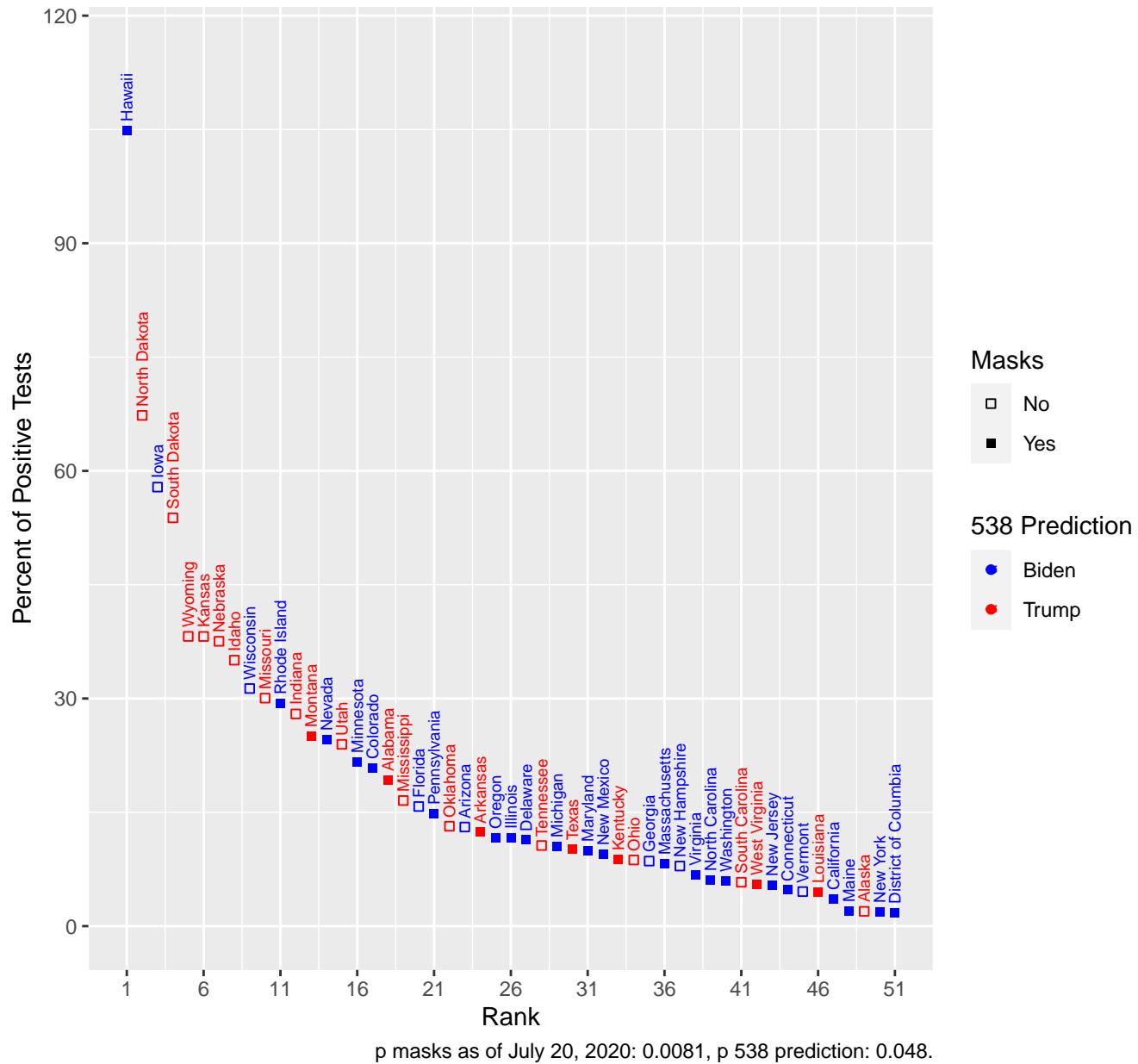
Percent Tested

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



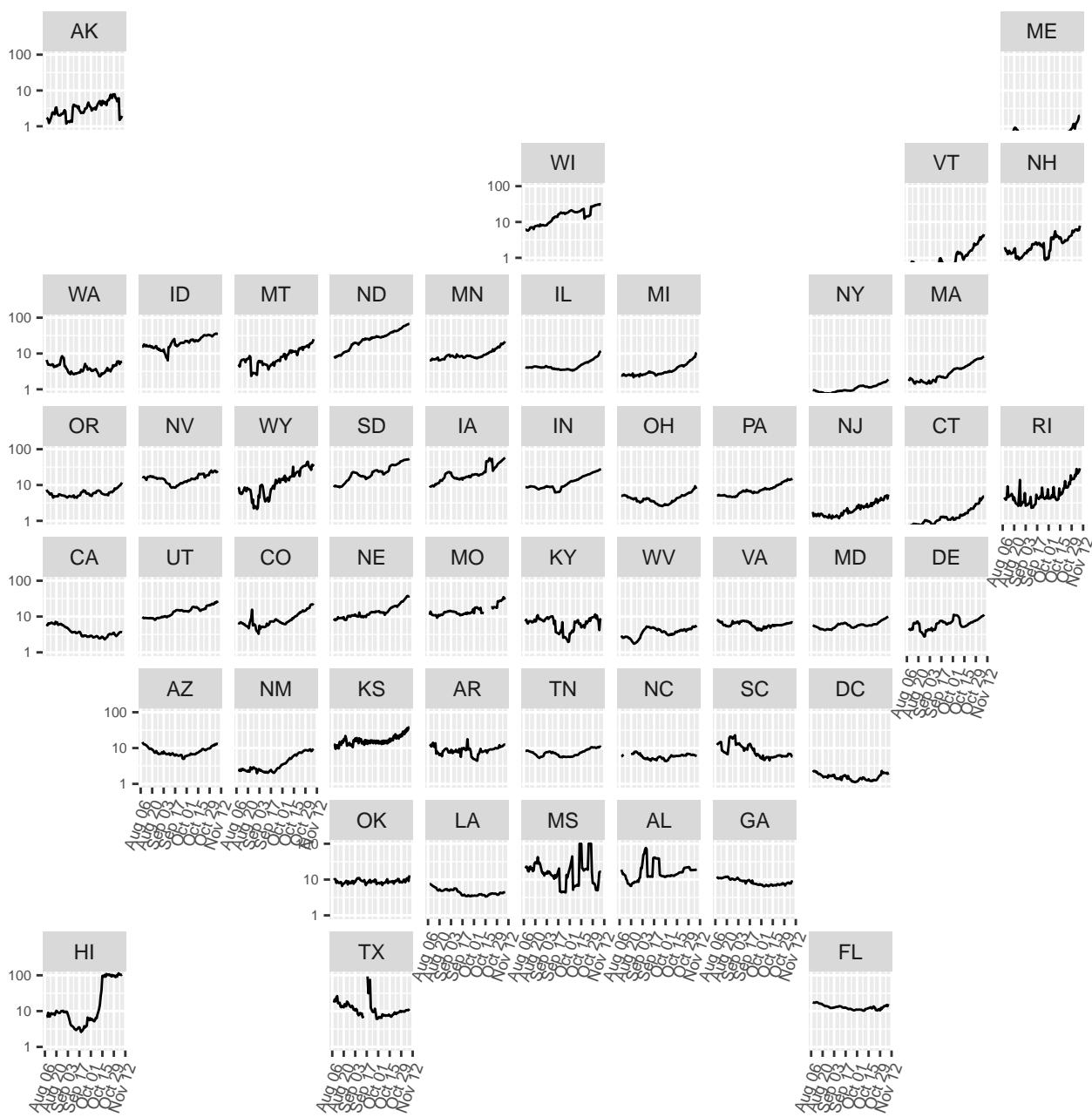
Percent of Positive COVID Tests

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.

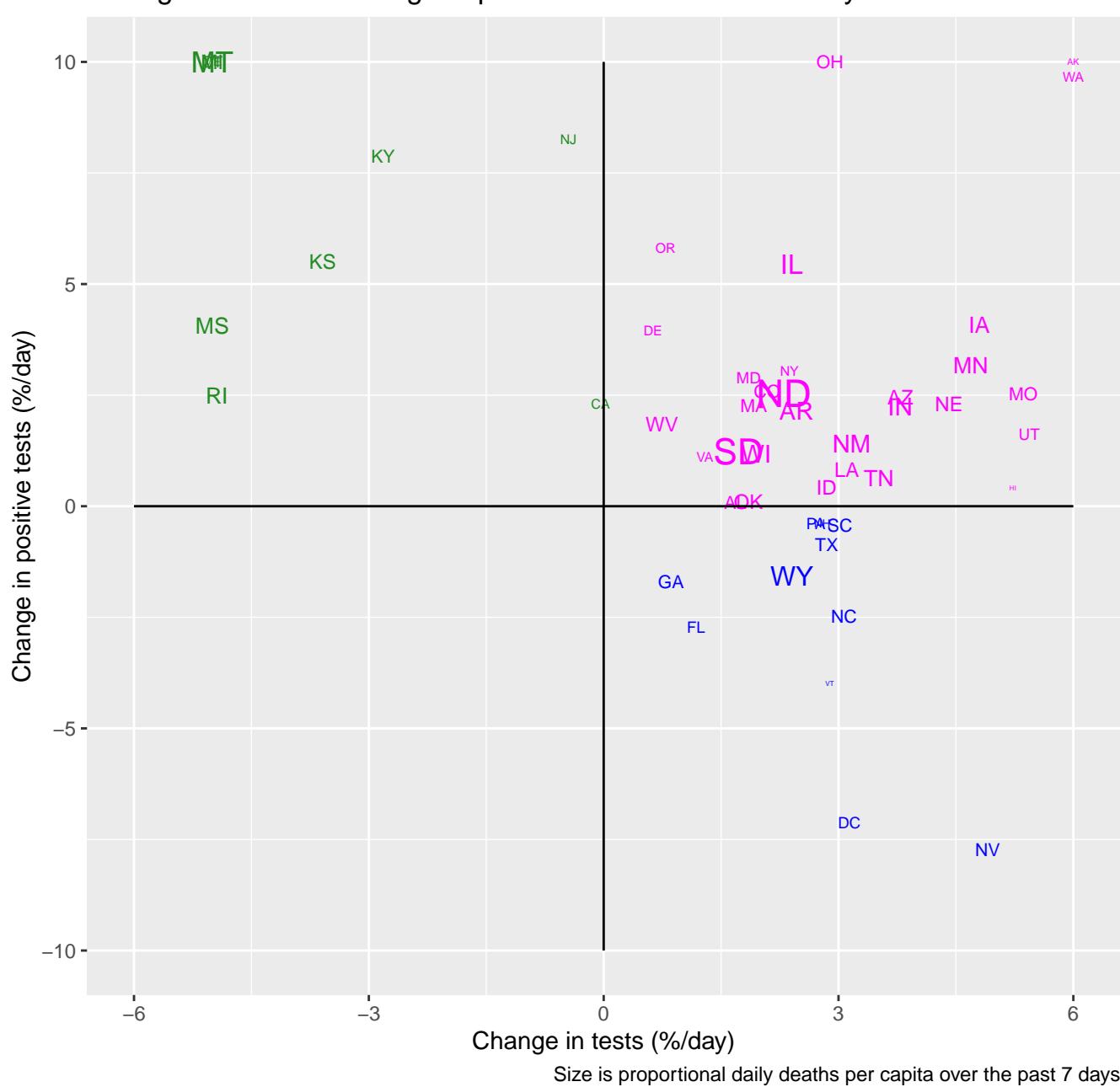


Percent Positive Trends

Percent Positive (log scale)

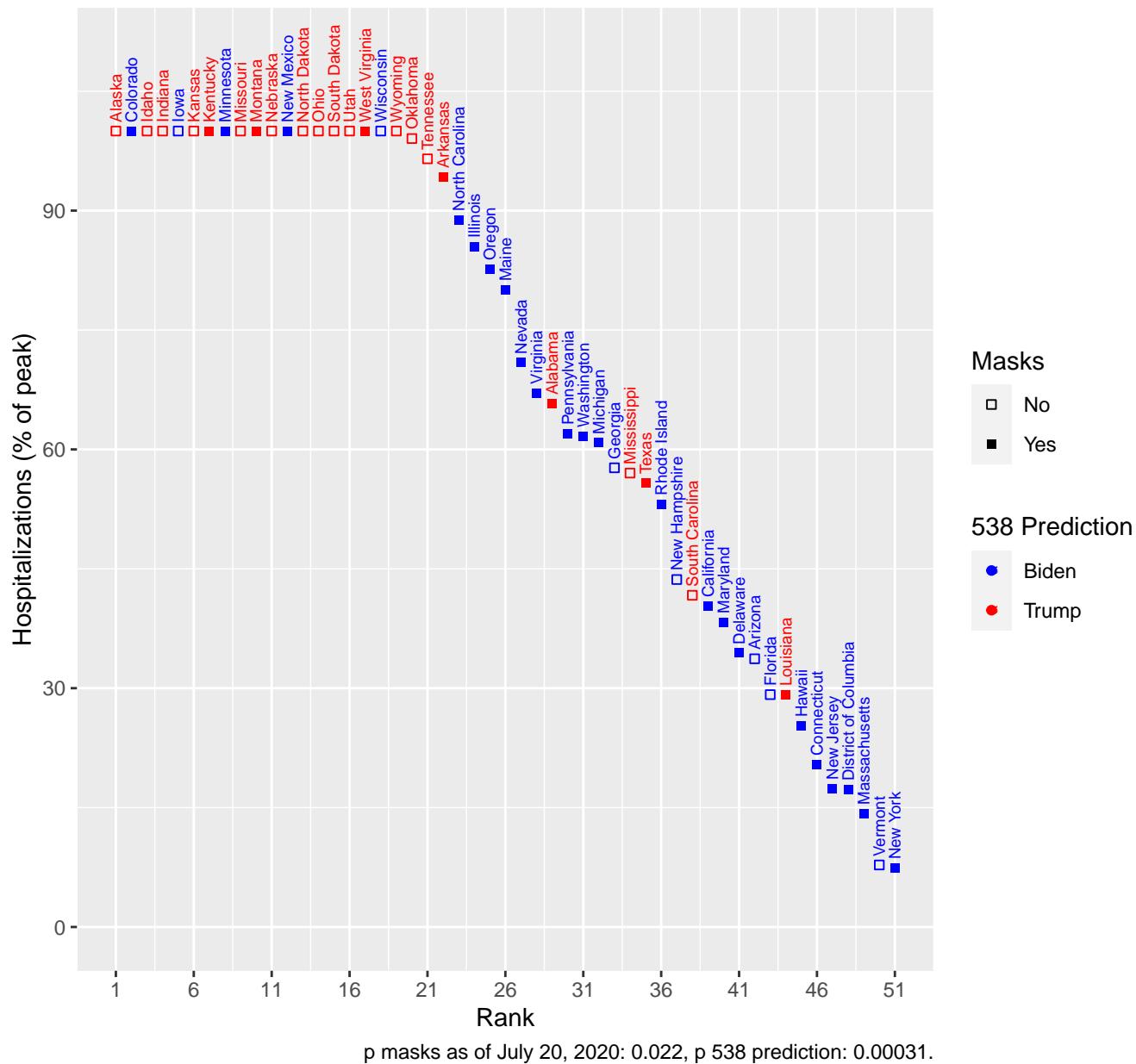


Change in tests vs. change in positive tests over last 14 days as of 2020-11-09



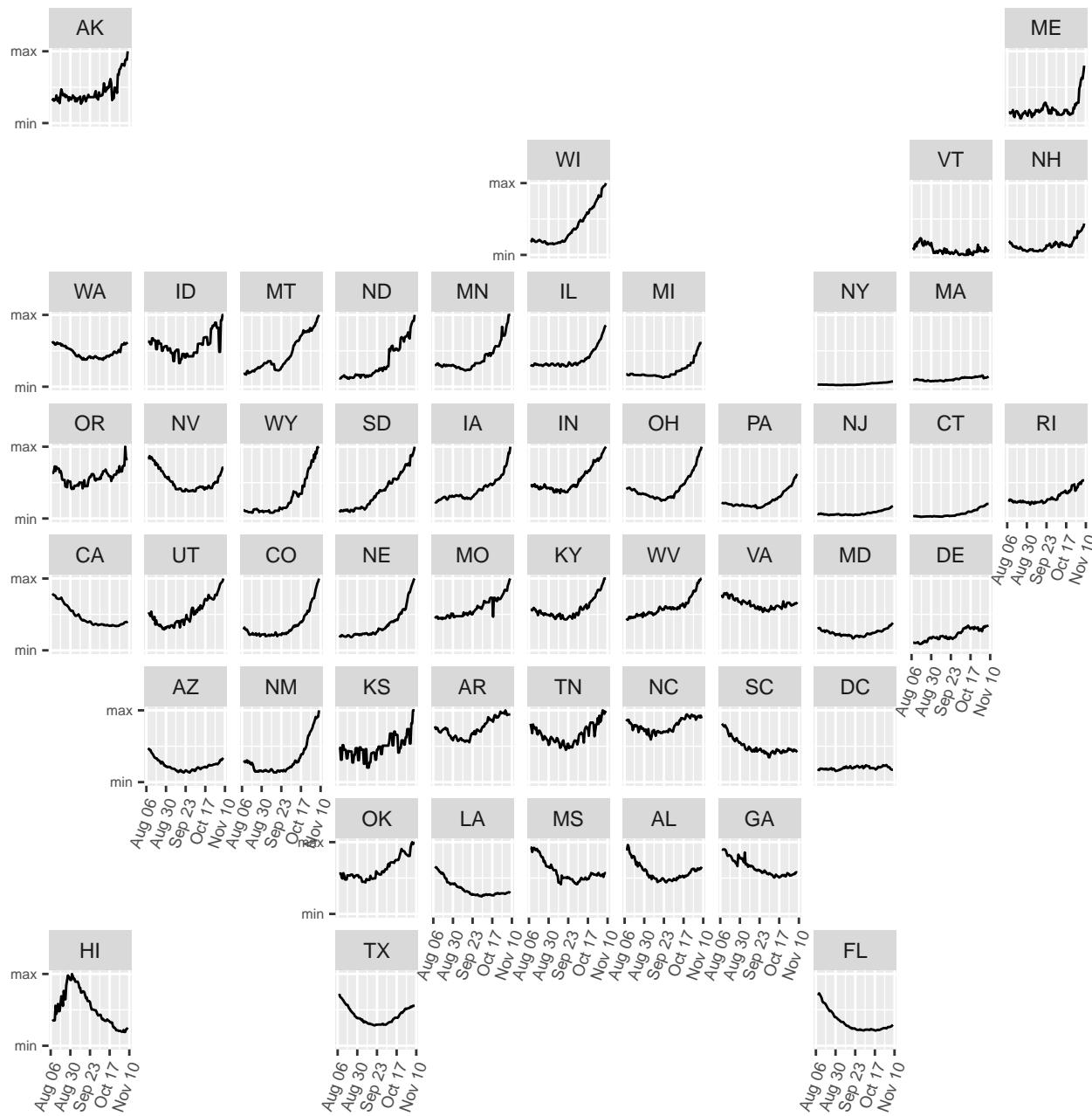
Current hospitalizations as a percent of peak since February

Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



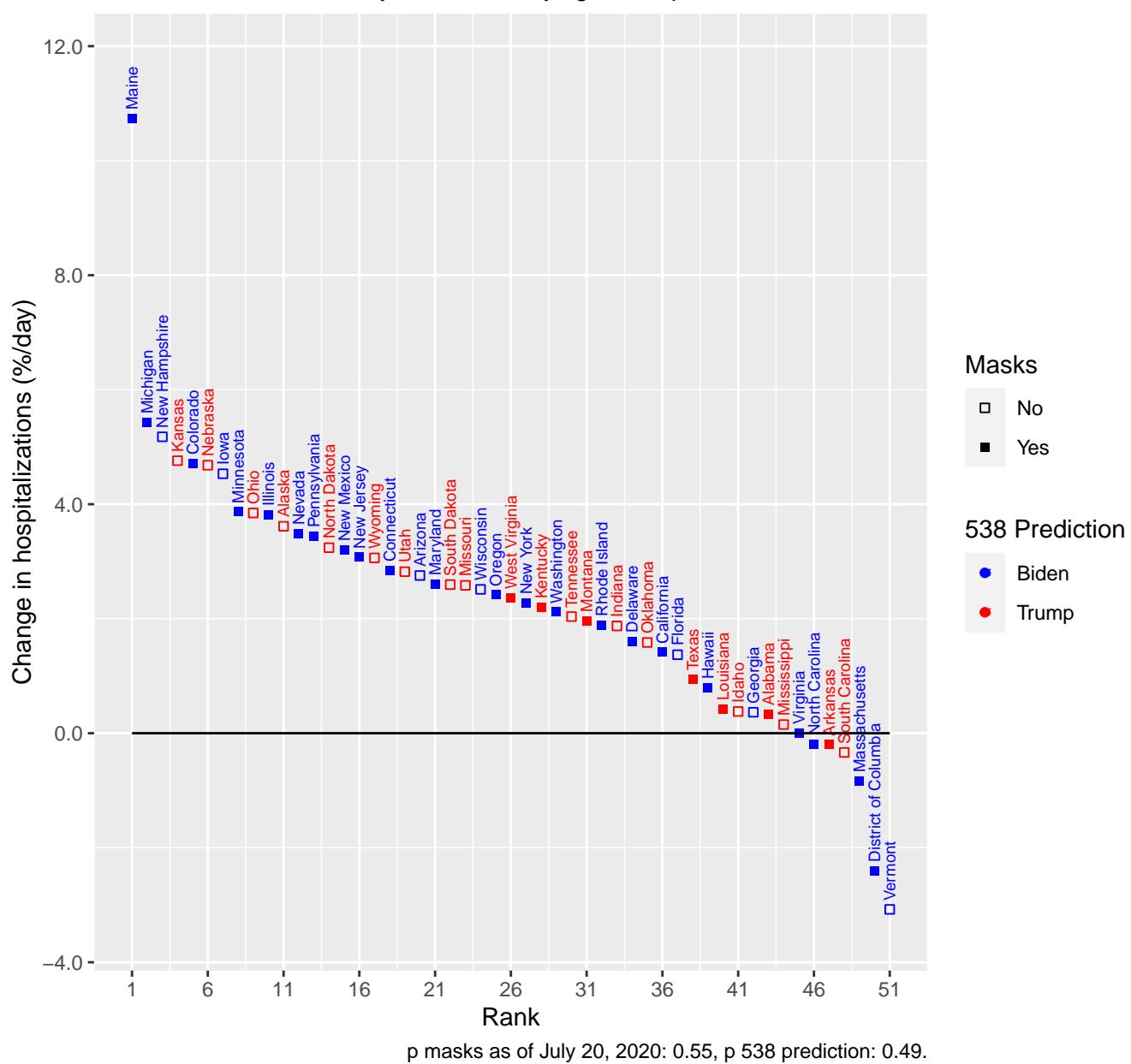
Hospitalizations trends from min to max

Hospitalizations from min to max

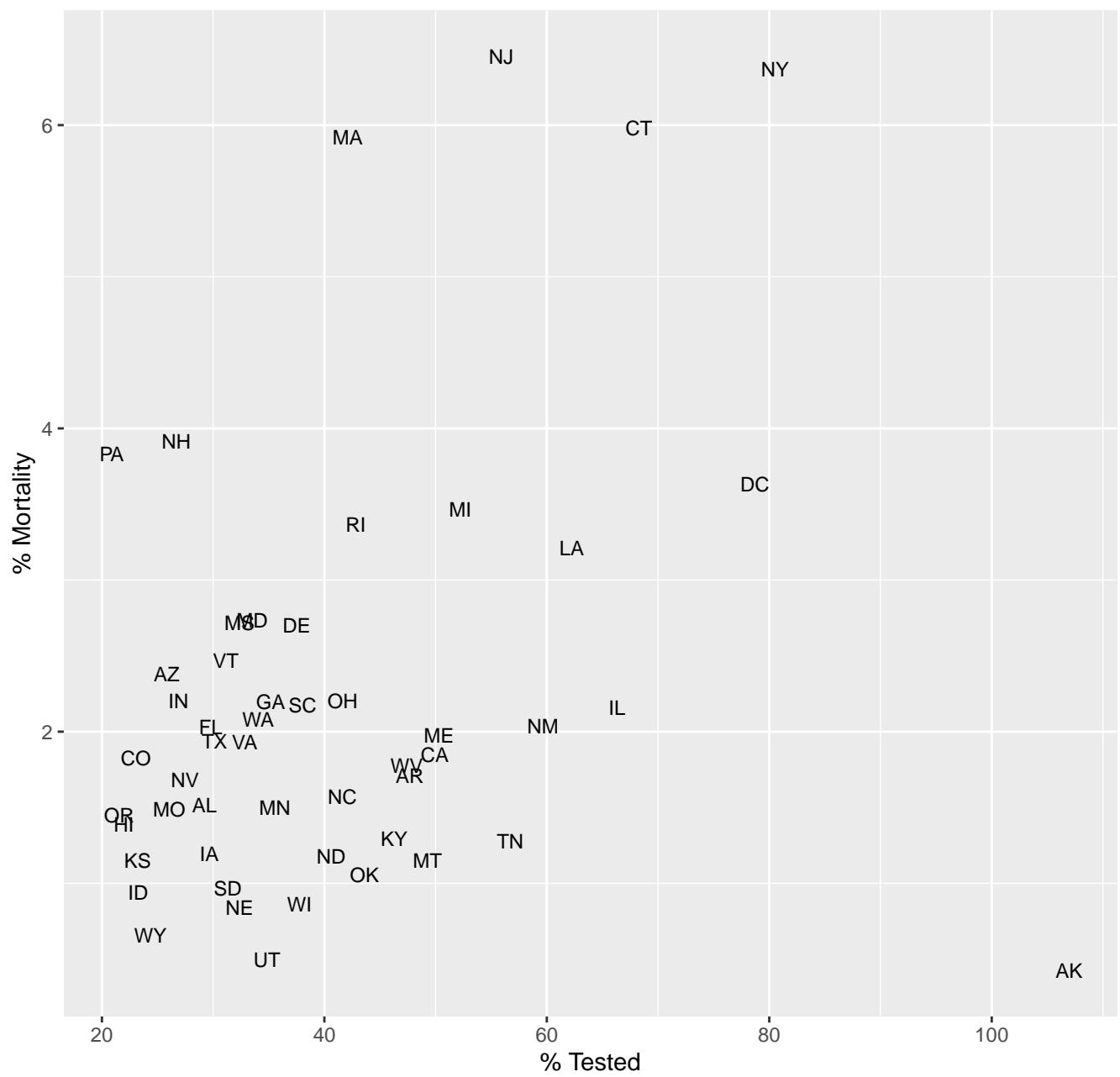


Change in hospitalizations over past 14 days

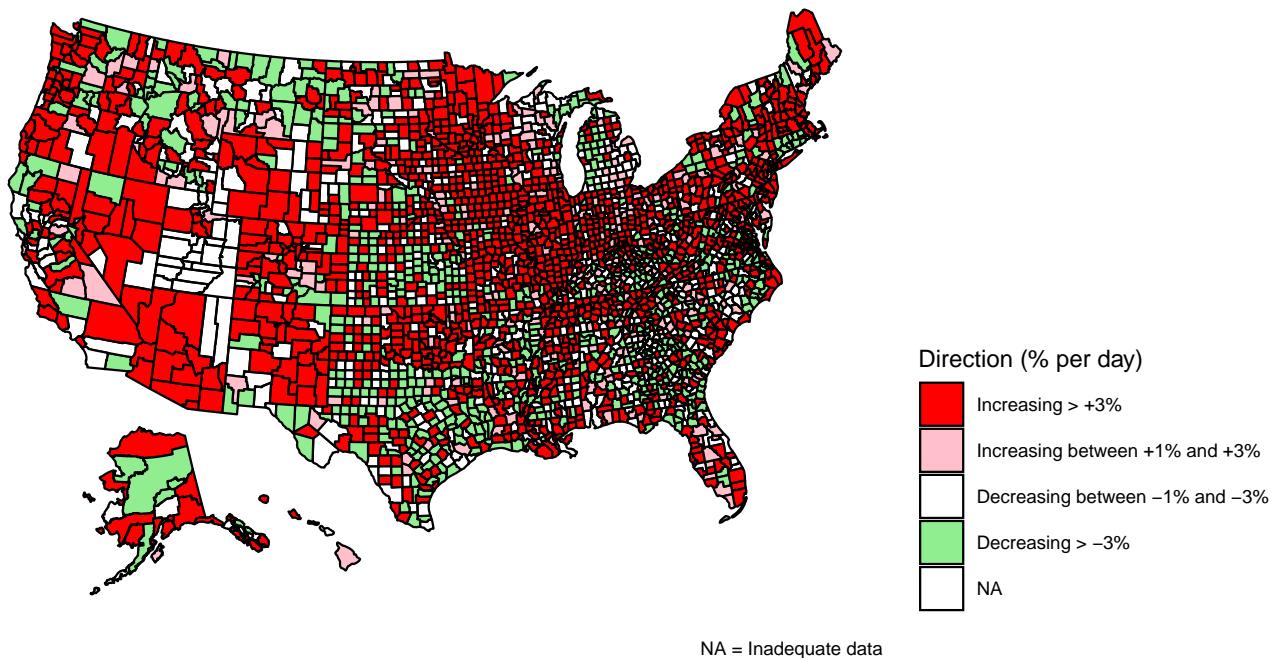
Mask mandate is from July 20th. fivethirtyeight.com prediction is from October 27th.



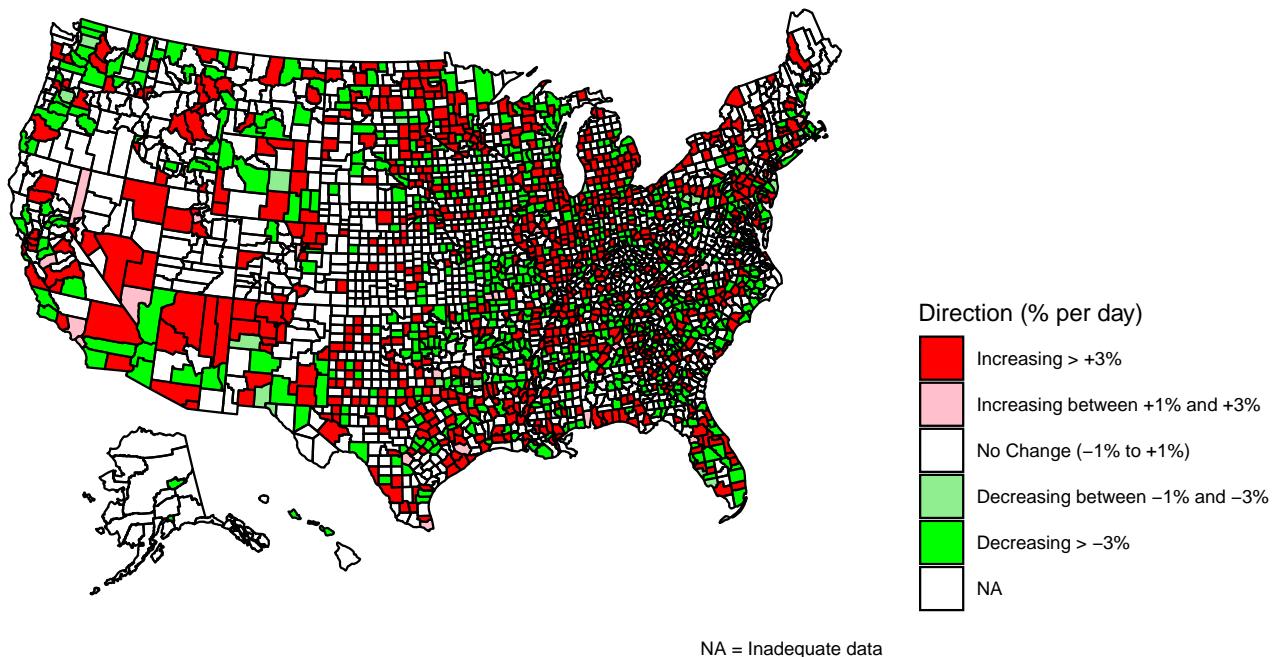
Mortality vs. Testing as of 2020-11-09



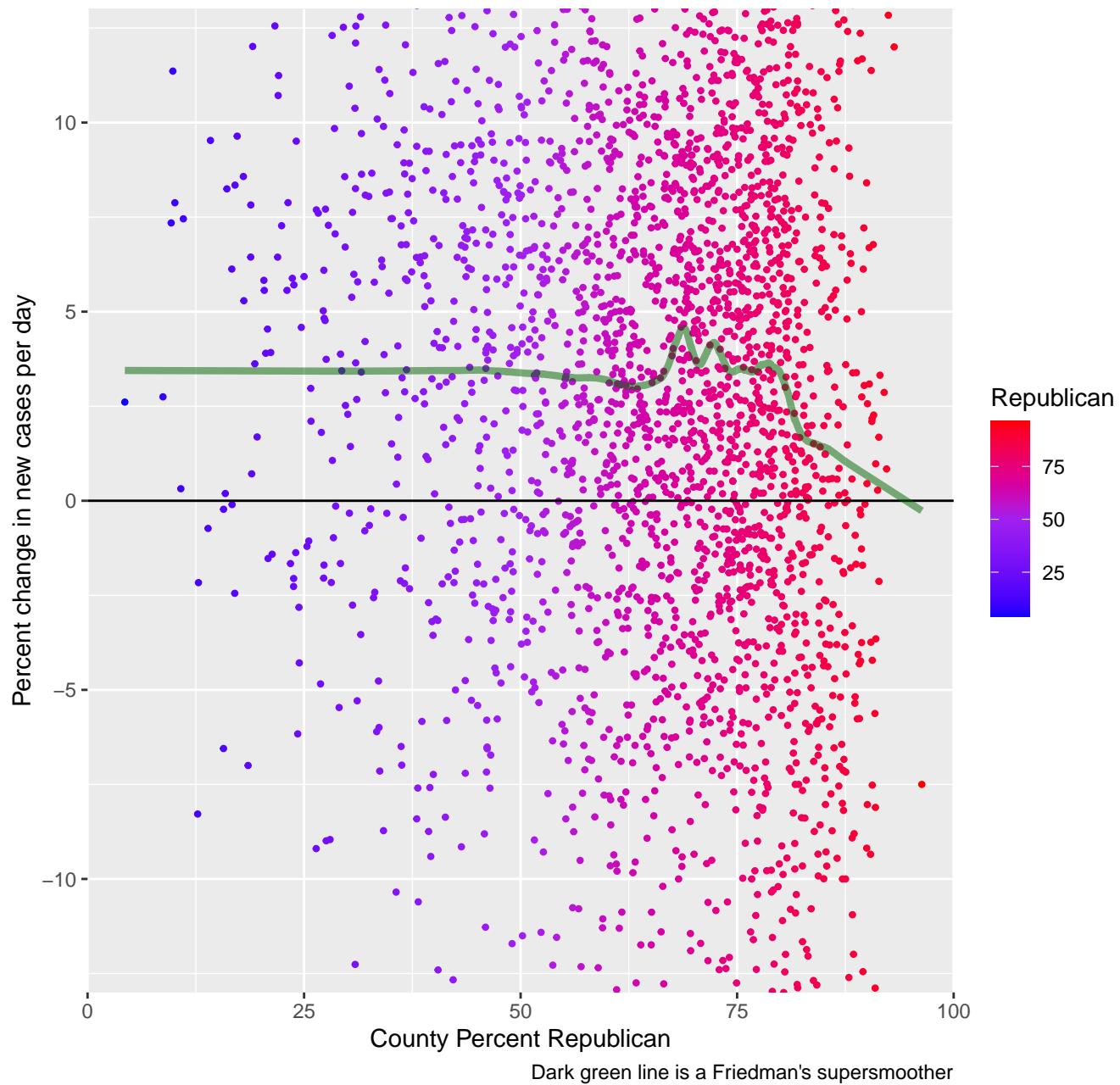
Case trends over 9 days as of 2020-11-09



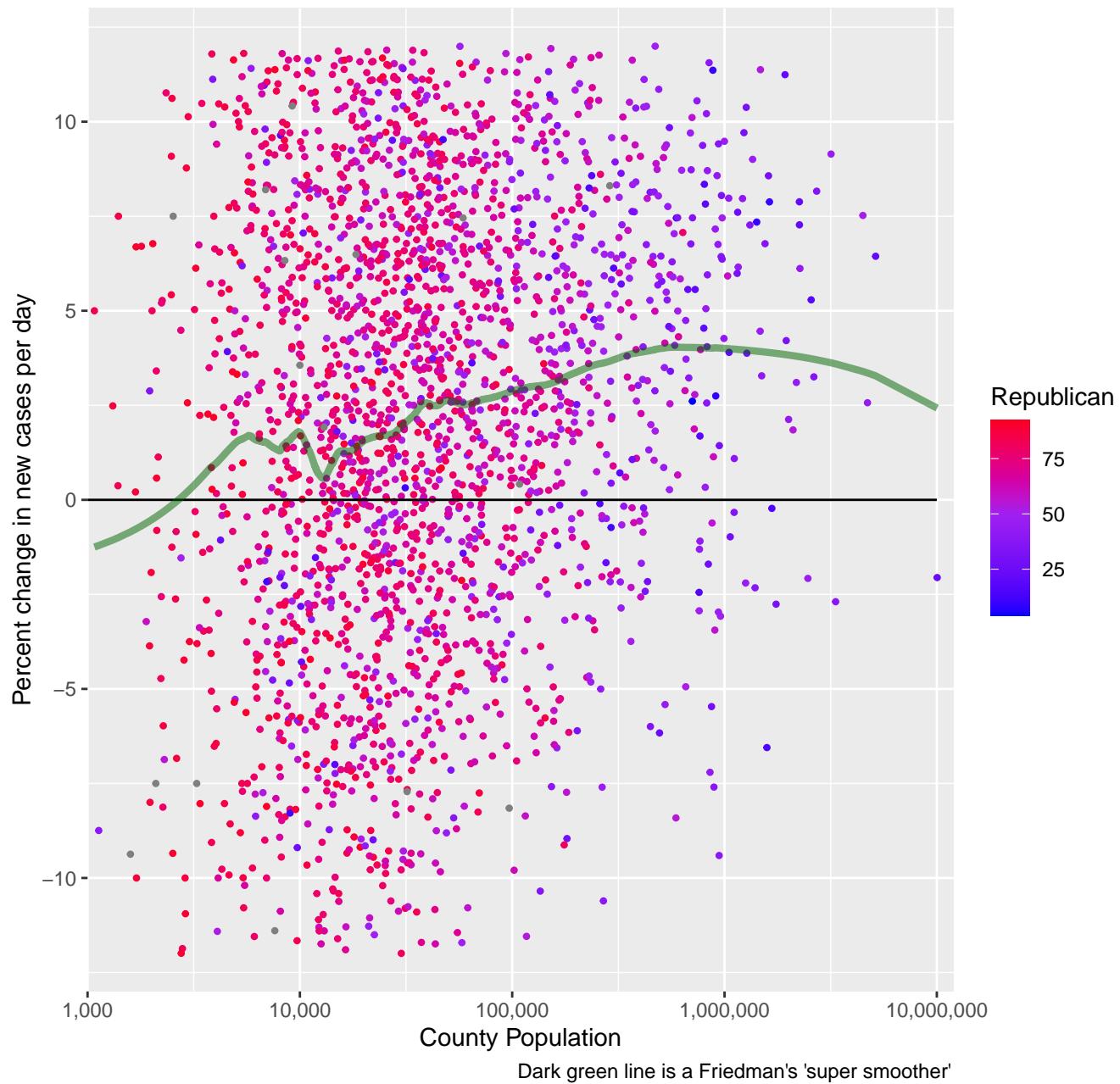
Death trends over 9 days as of 2020-11-09



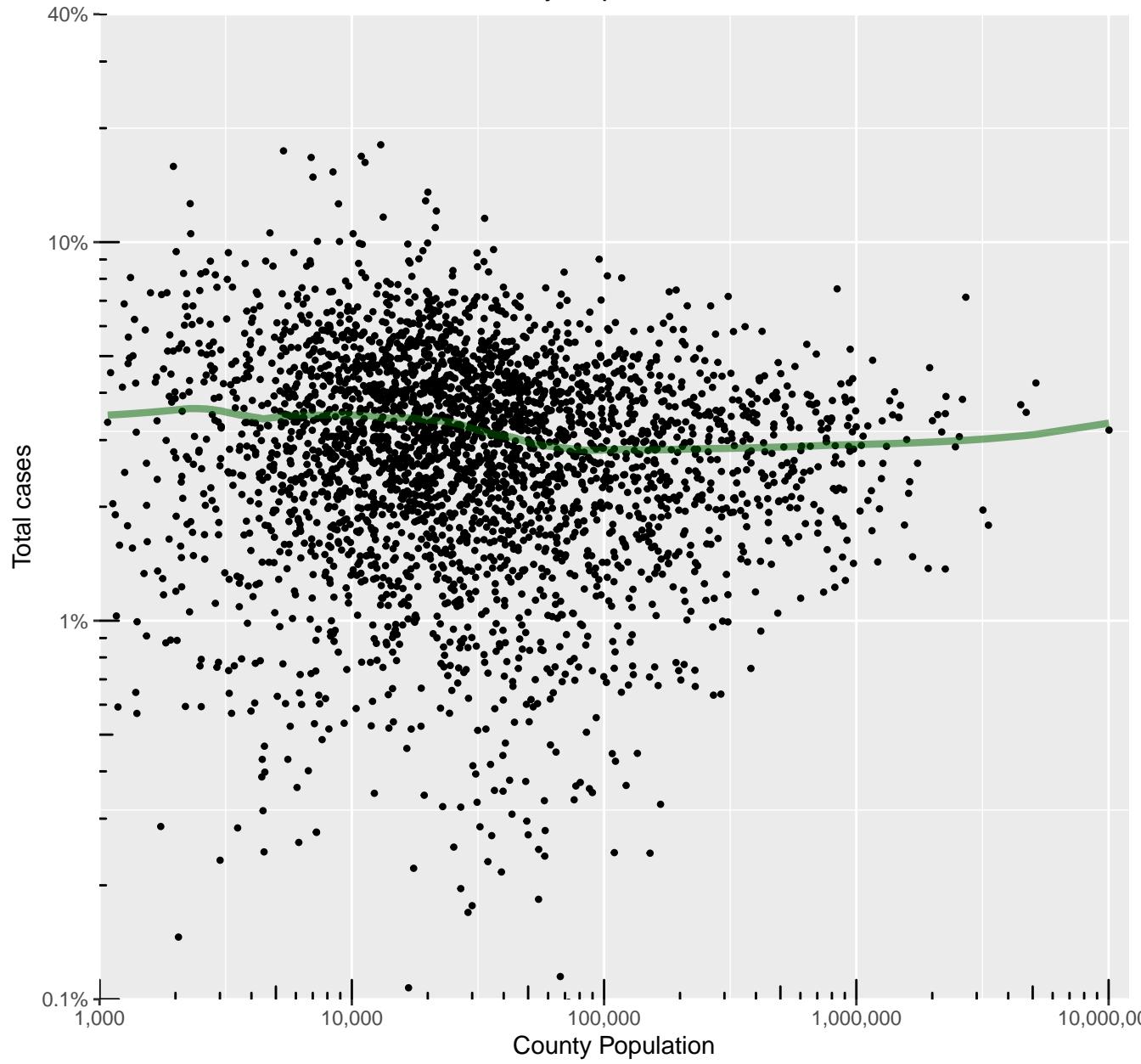
Counties by 2016 presidential election results



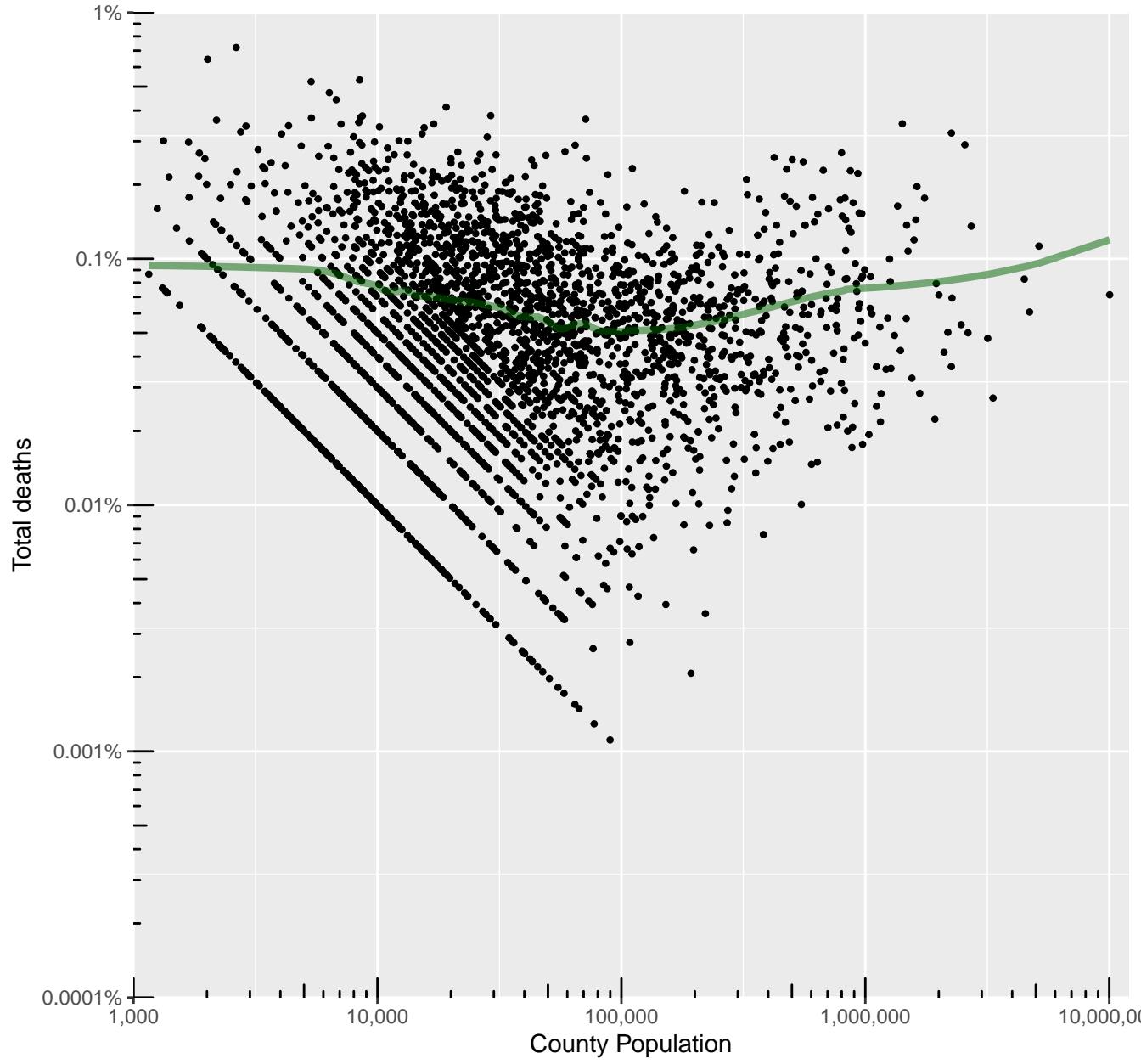
Counties by 2016 presidential election results



Total Cases as a Percent of County Population

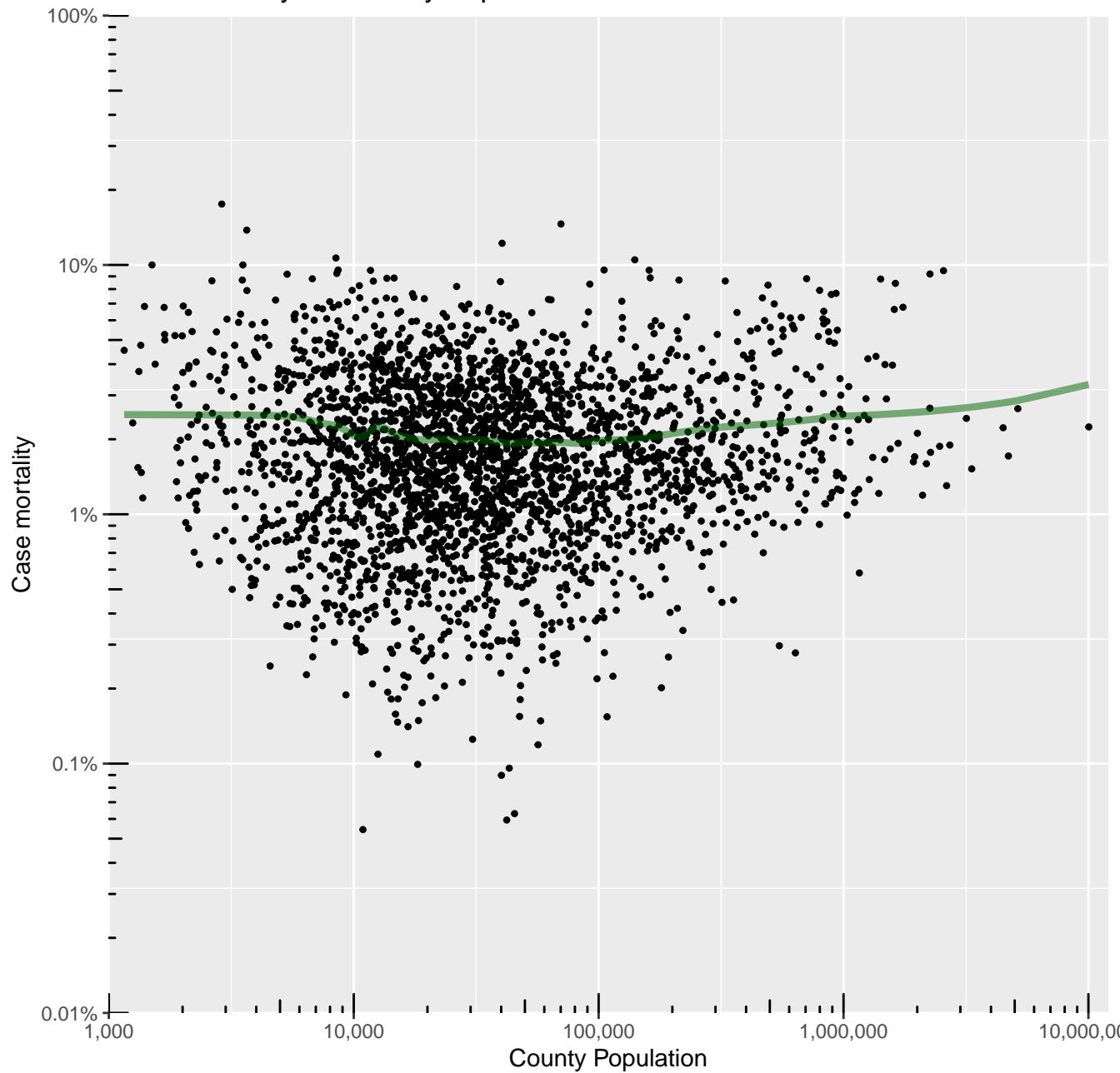


Total Deaths as a Percent of County Population

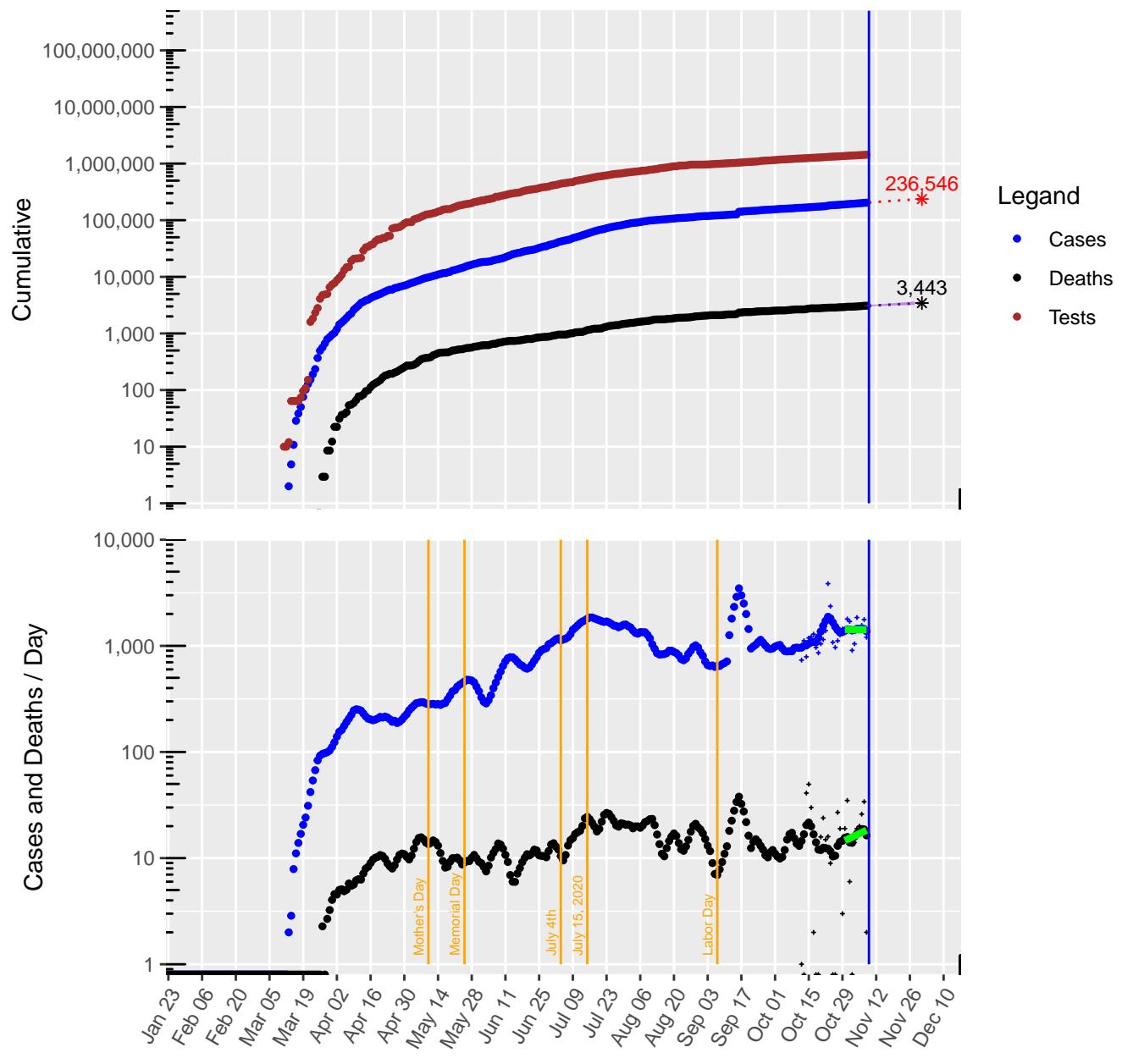


Slanted lines are counties with small integer numbers of cases, green line: Friedman's 'super smoother'

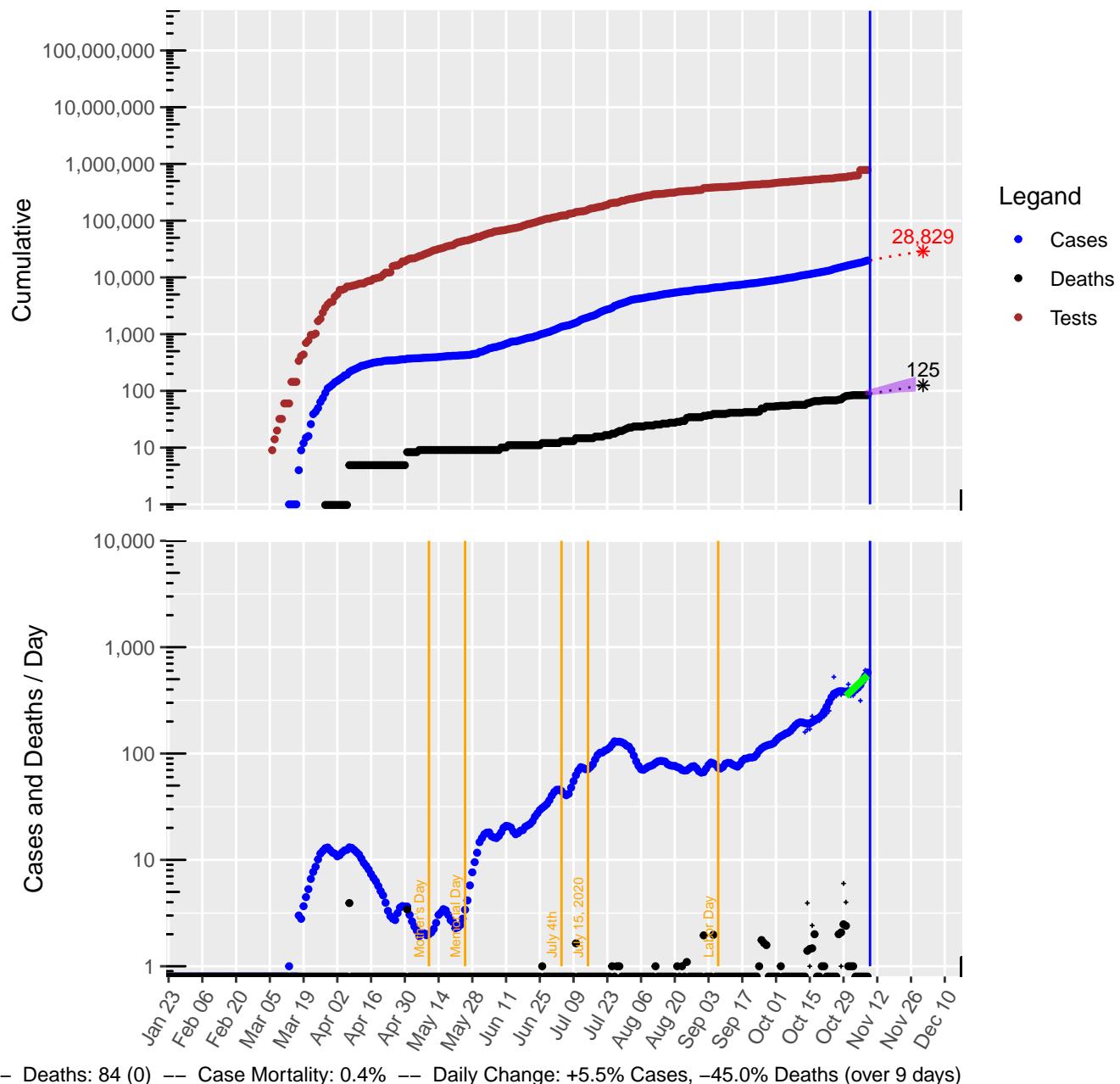
Case Mortality vs. County Population



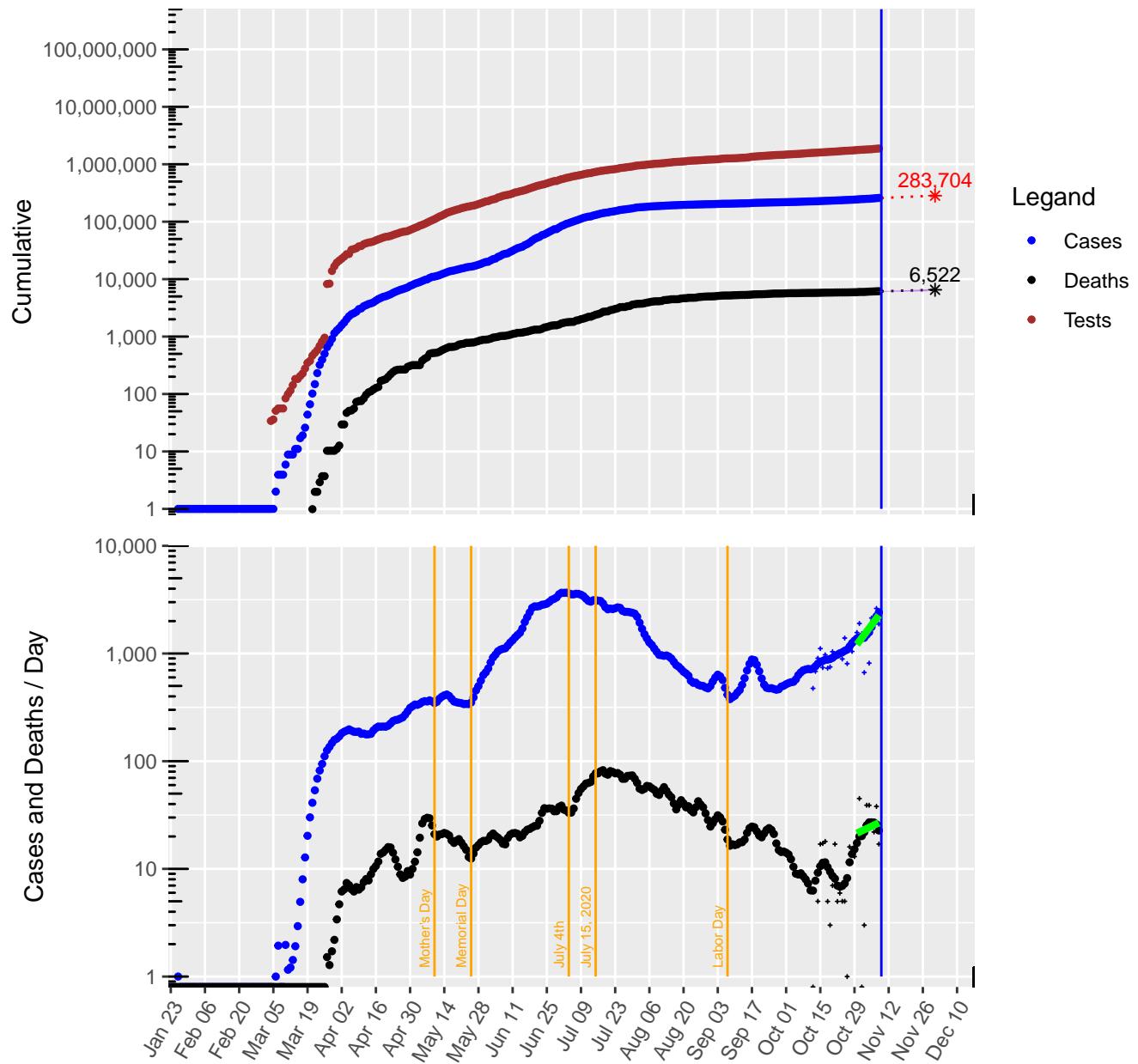
Alabama projection as of 2020-11-09



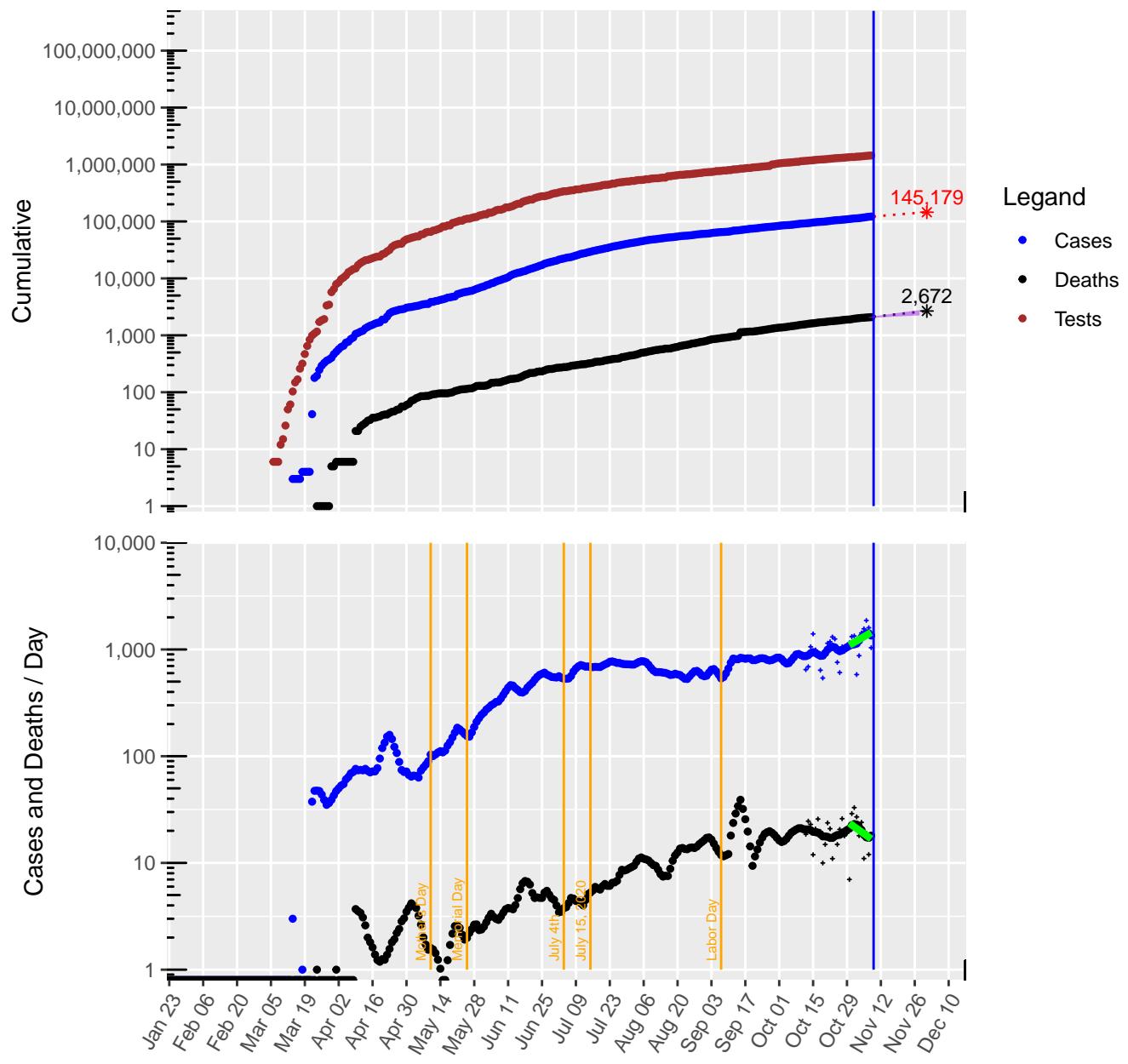
Alaska projection as of 2020-11-09



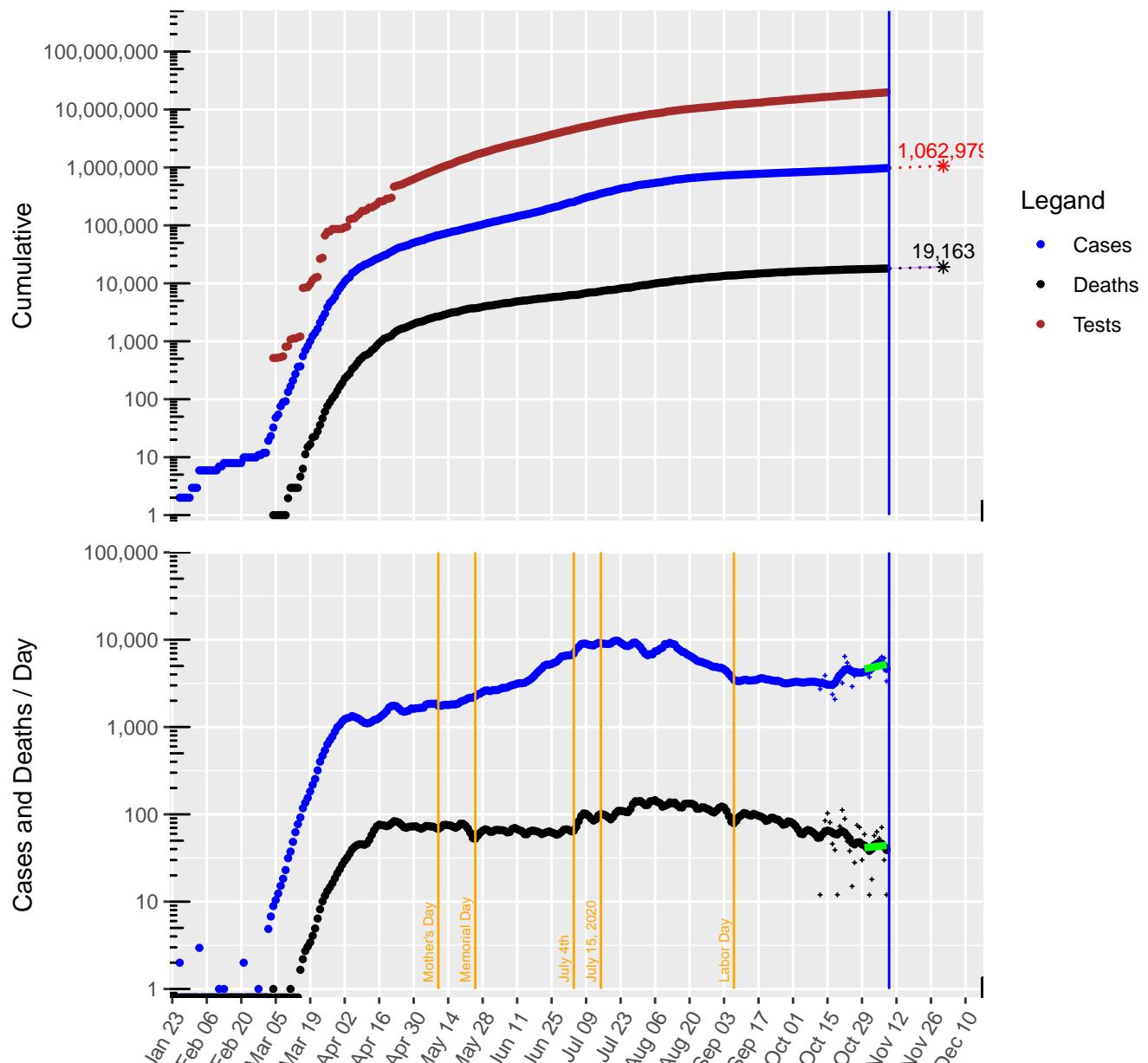
Arizona projection as of 2020-11-09



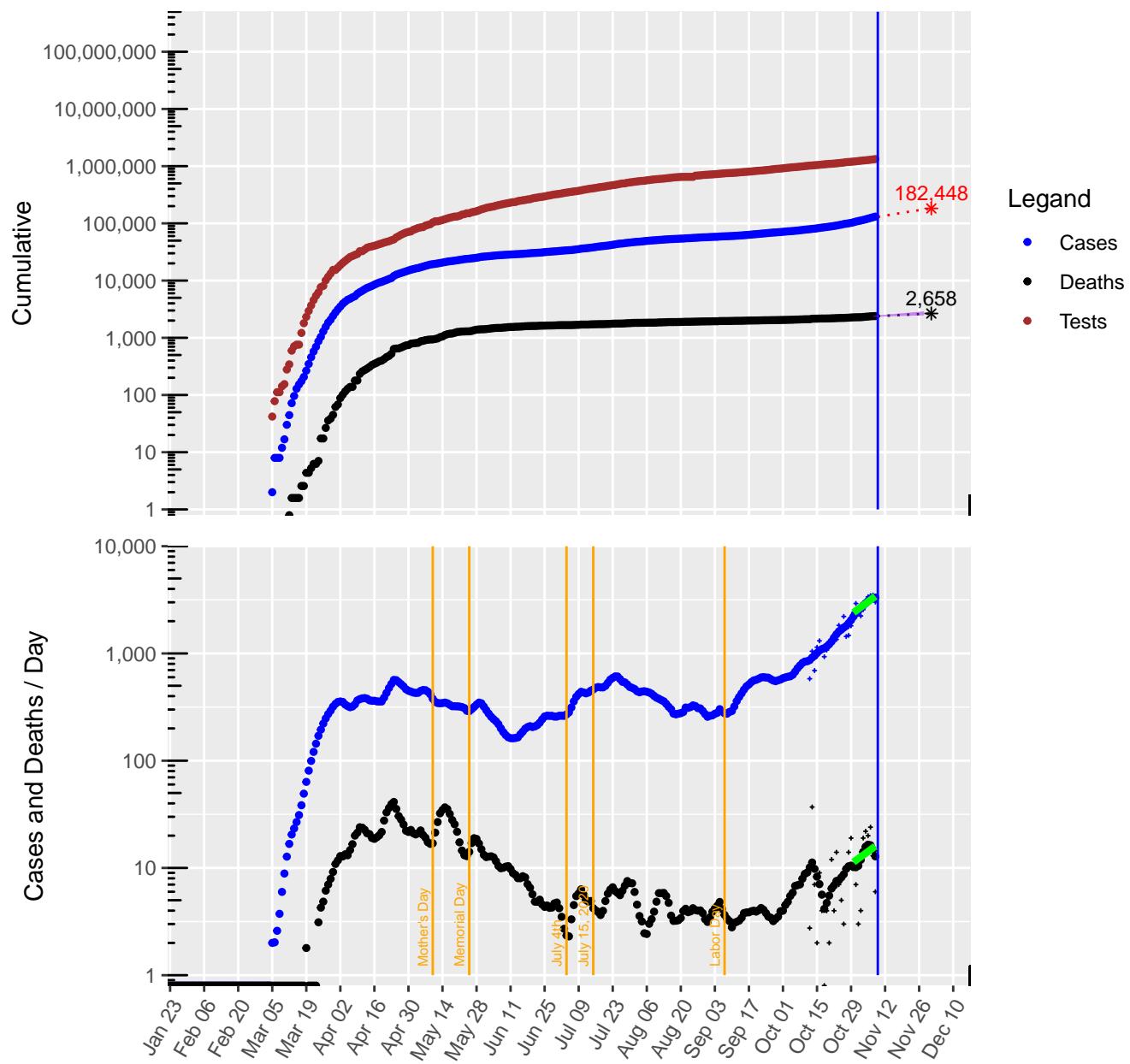
Arkansas projection as of 2020-11-09



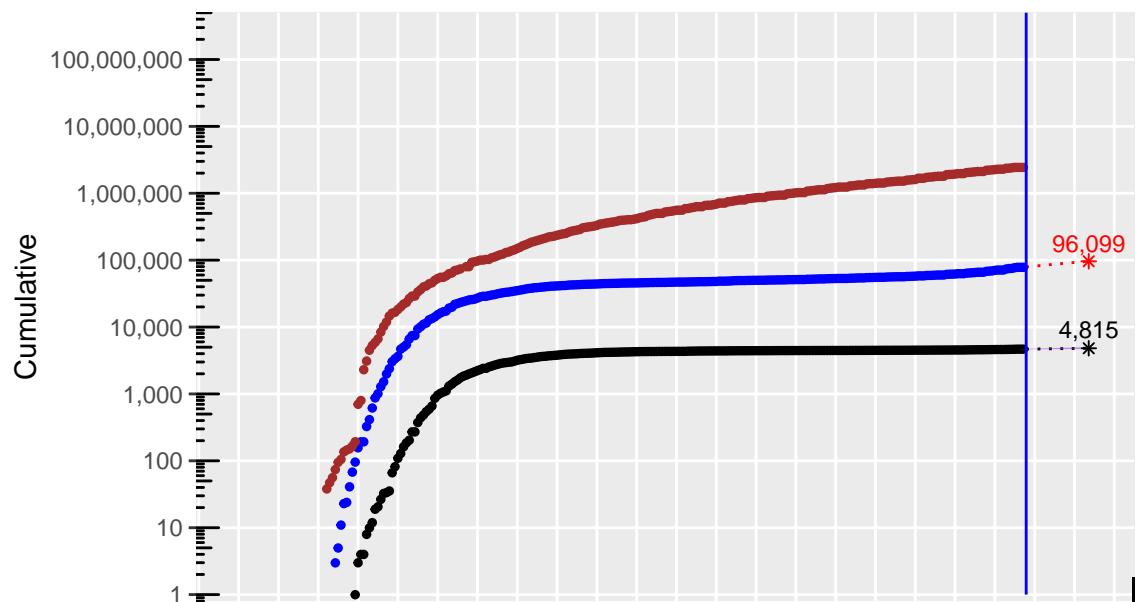
California projection as of 2020-11-09



Colorado projection as of 2020-11-09

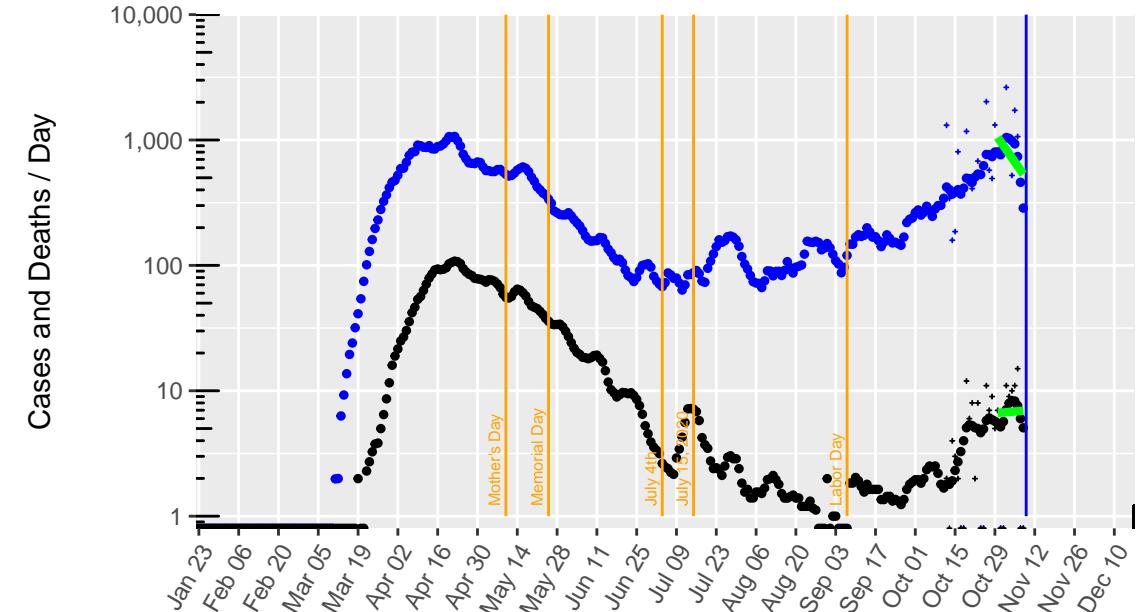


Connecticut projection as of 2020-11-09



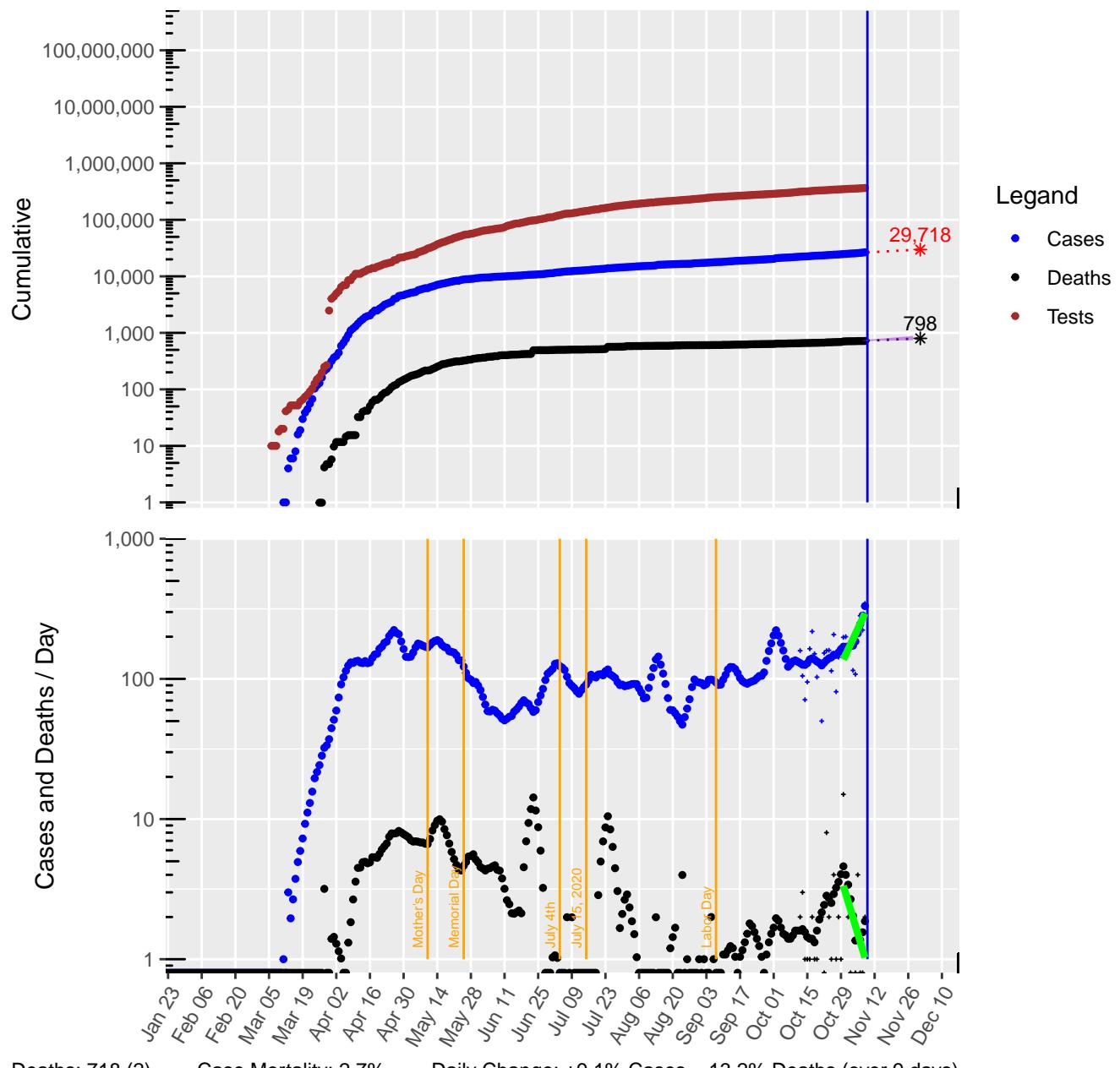
Legand

- Cases
- Deaths
- Tests

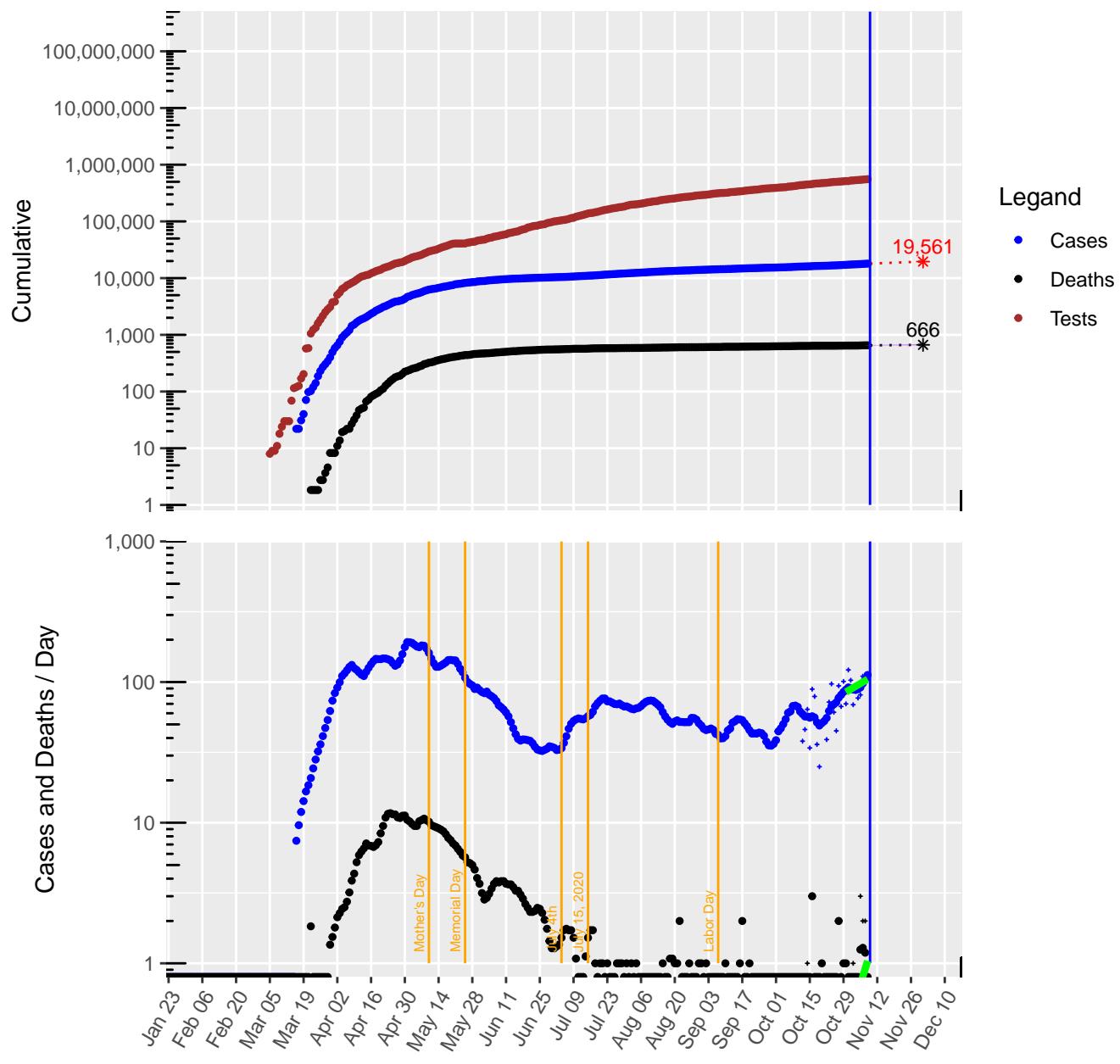


Deaths: 4,671 (0) --- Case Mortality: 6.0% --- Daily Change: -8.1% Cases, +0.5% Deaths (over 9 days)

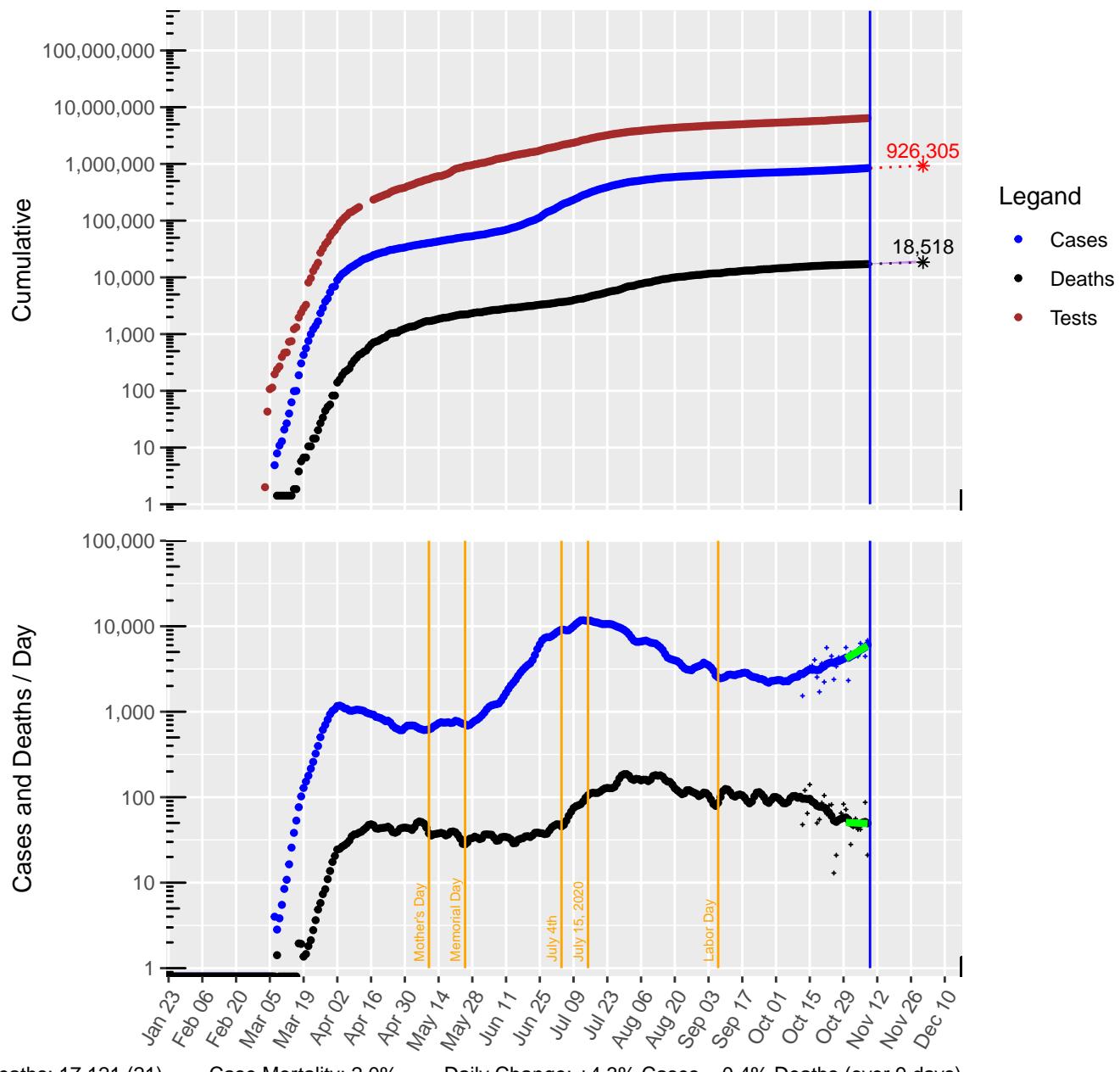
Delaware projection as of 2020-11-09



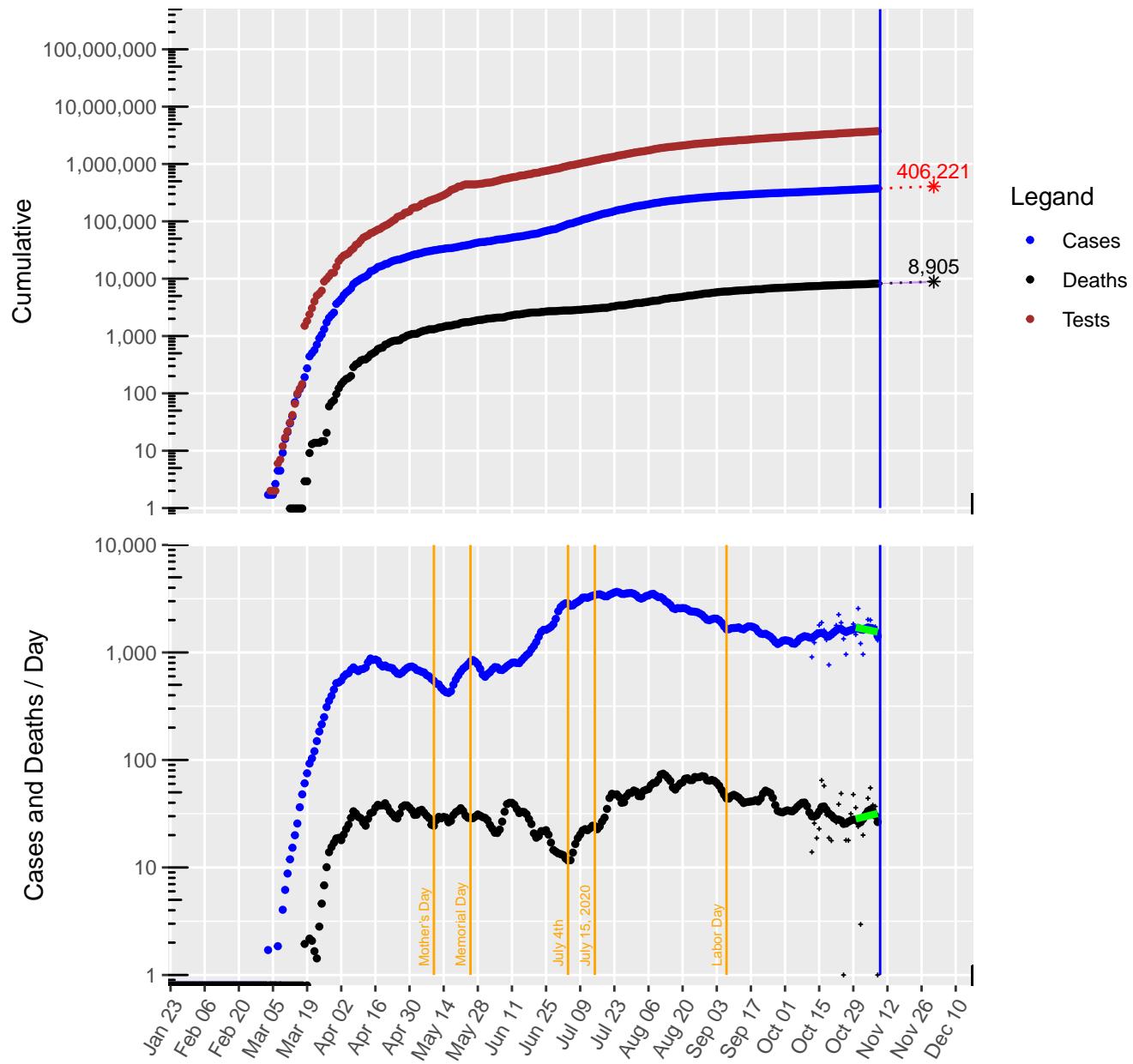
District of Columbia projection as of 2020-11-09



Florida projection as of 2020-11-09

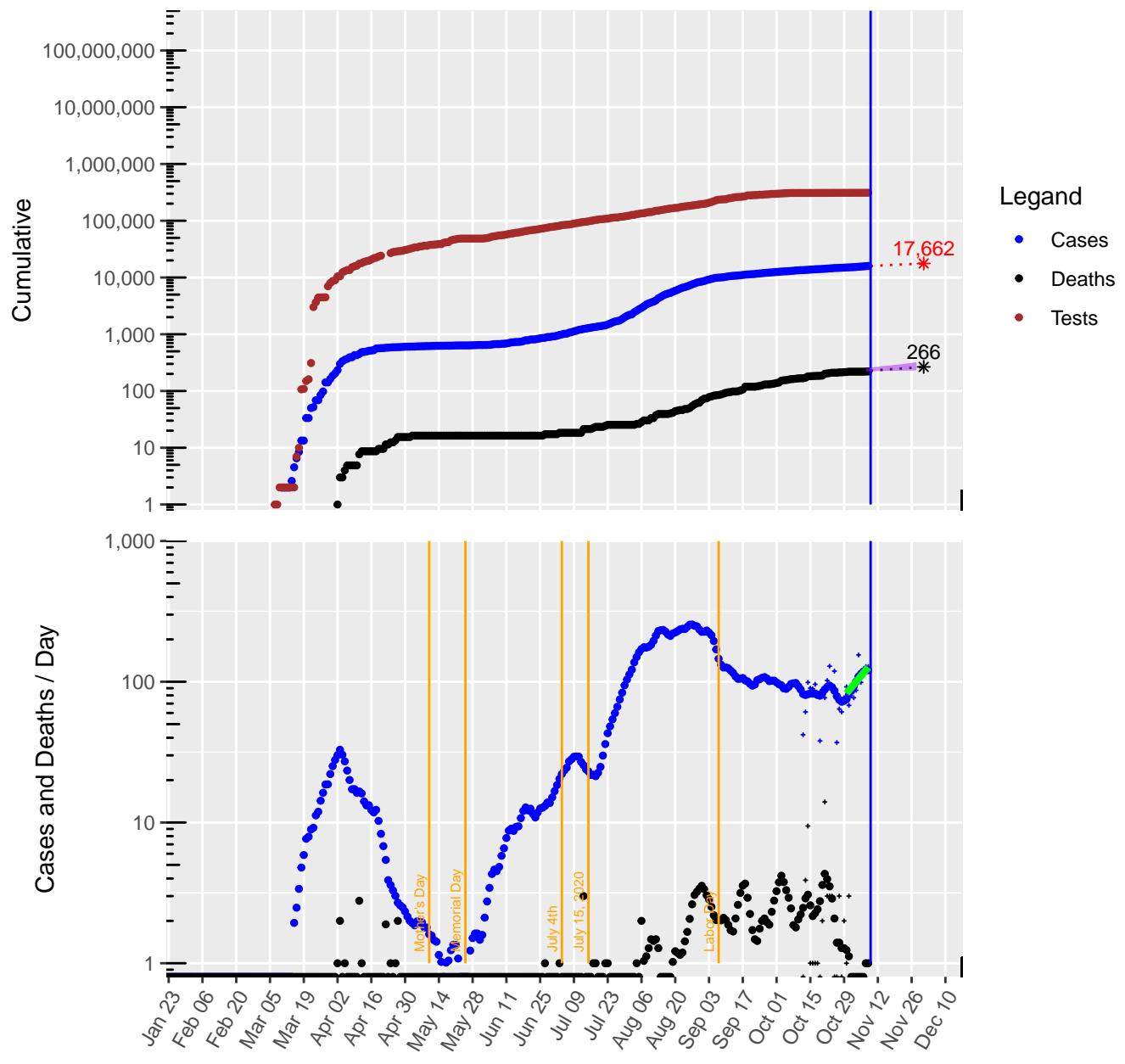


Georgia projection as of 2020-11-09

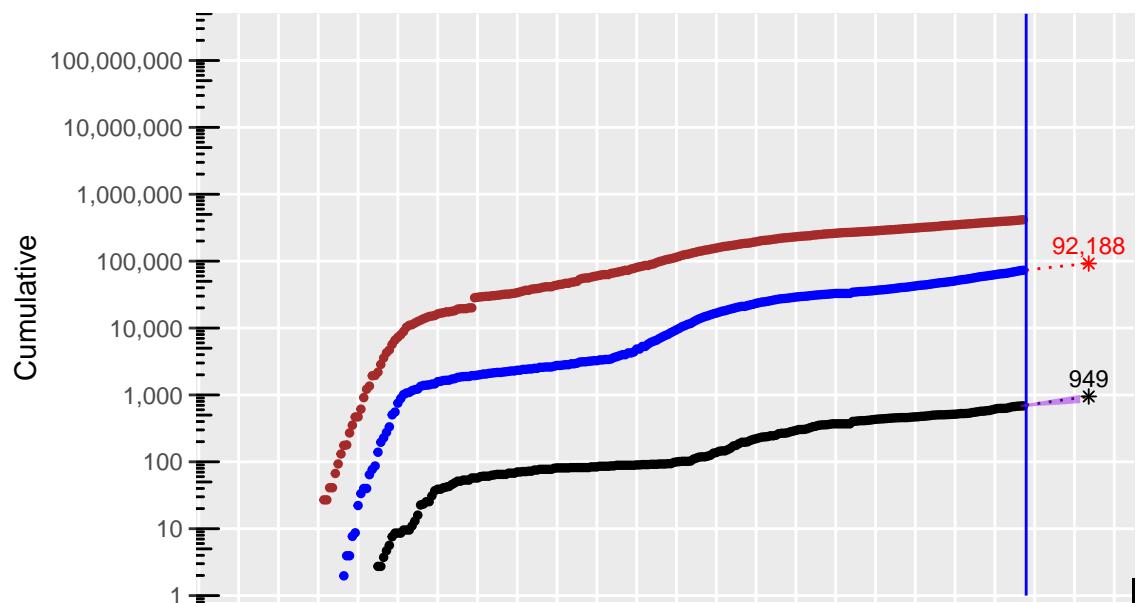


Deaths: 8,194 (1) --- Case Mortality: 2.2% --- Daily Change: -1.2% Cases, +1.4% Deaths (over 9 days)

Hawaii projection as of 2020-11-09

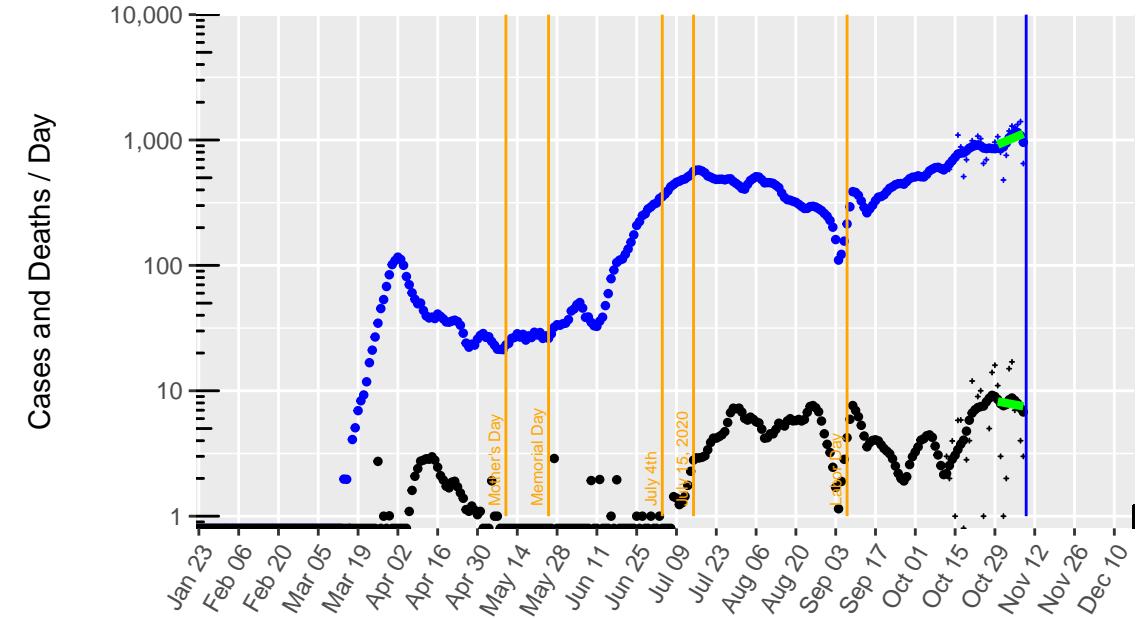


Idaho projection as of 2020-11-09



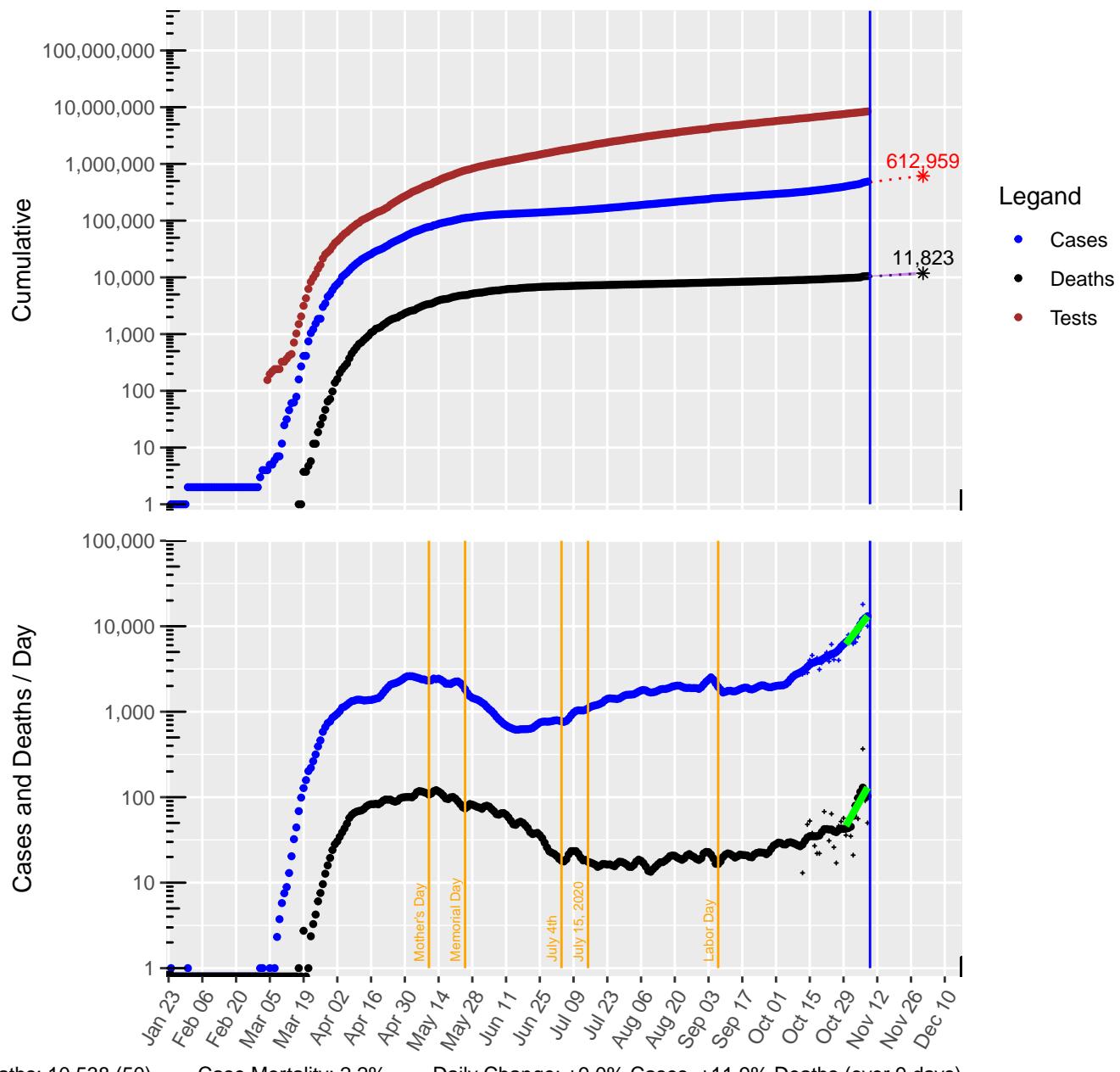
Legand

- Cases
- Deaths
- Tests

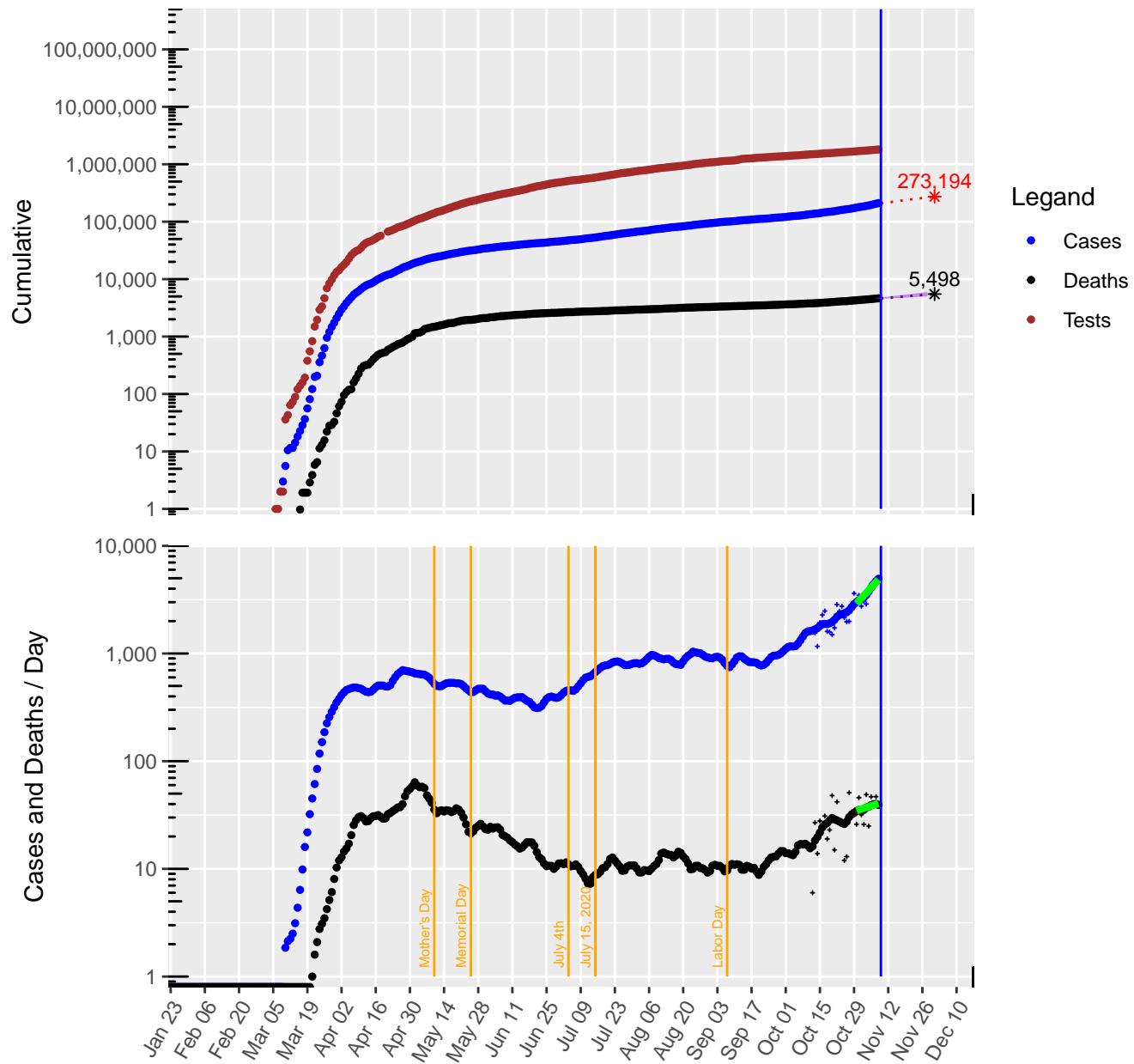


— Deaths: 686 (3) — Case Mortality: 0.9% — Daily Change: +2.5% Cases, -1.1% Deaths (over 9 days)

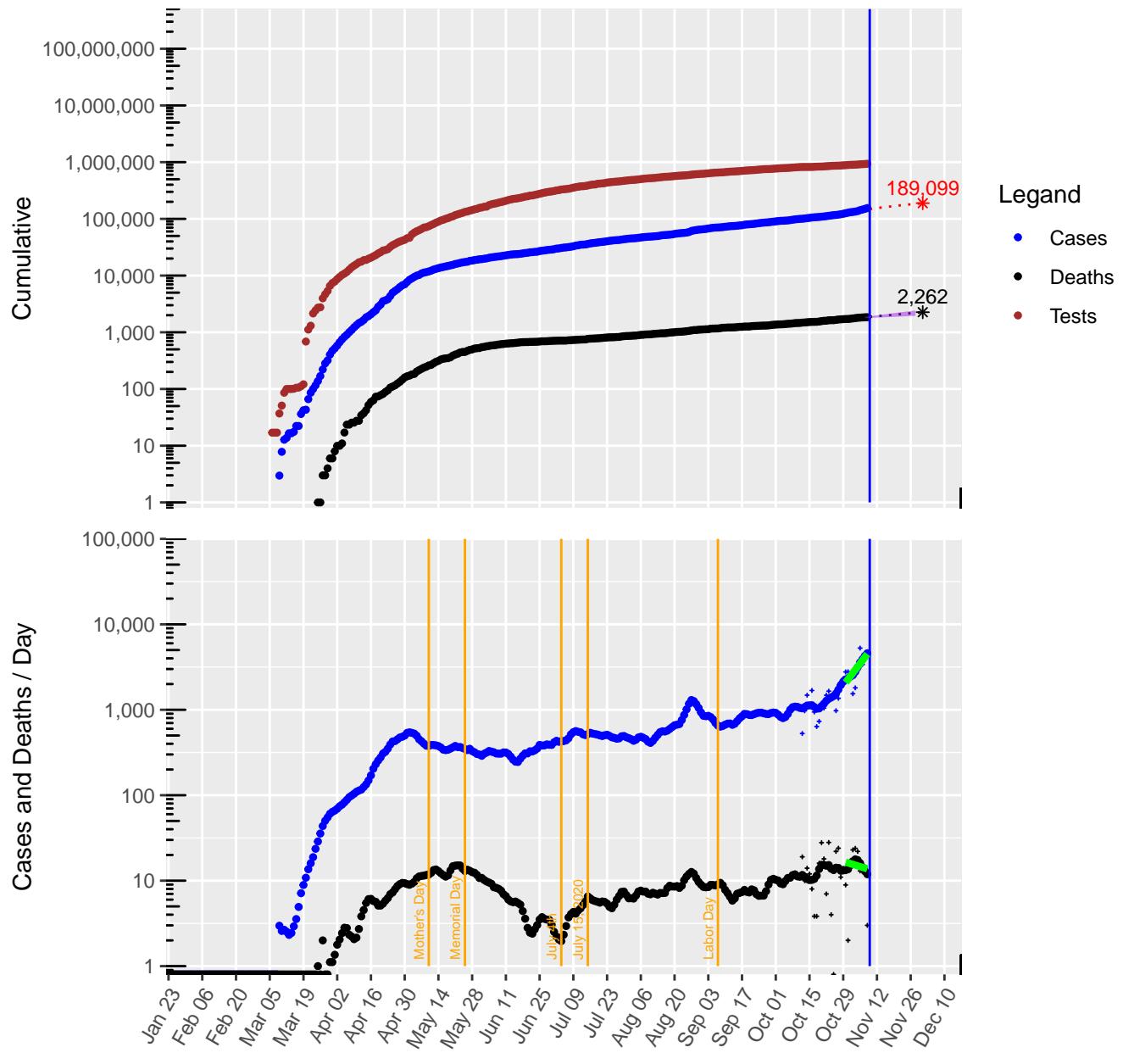
Illinois projection as of 2020-11-09



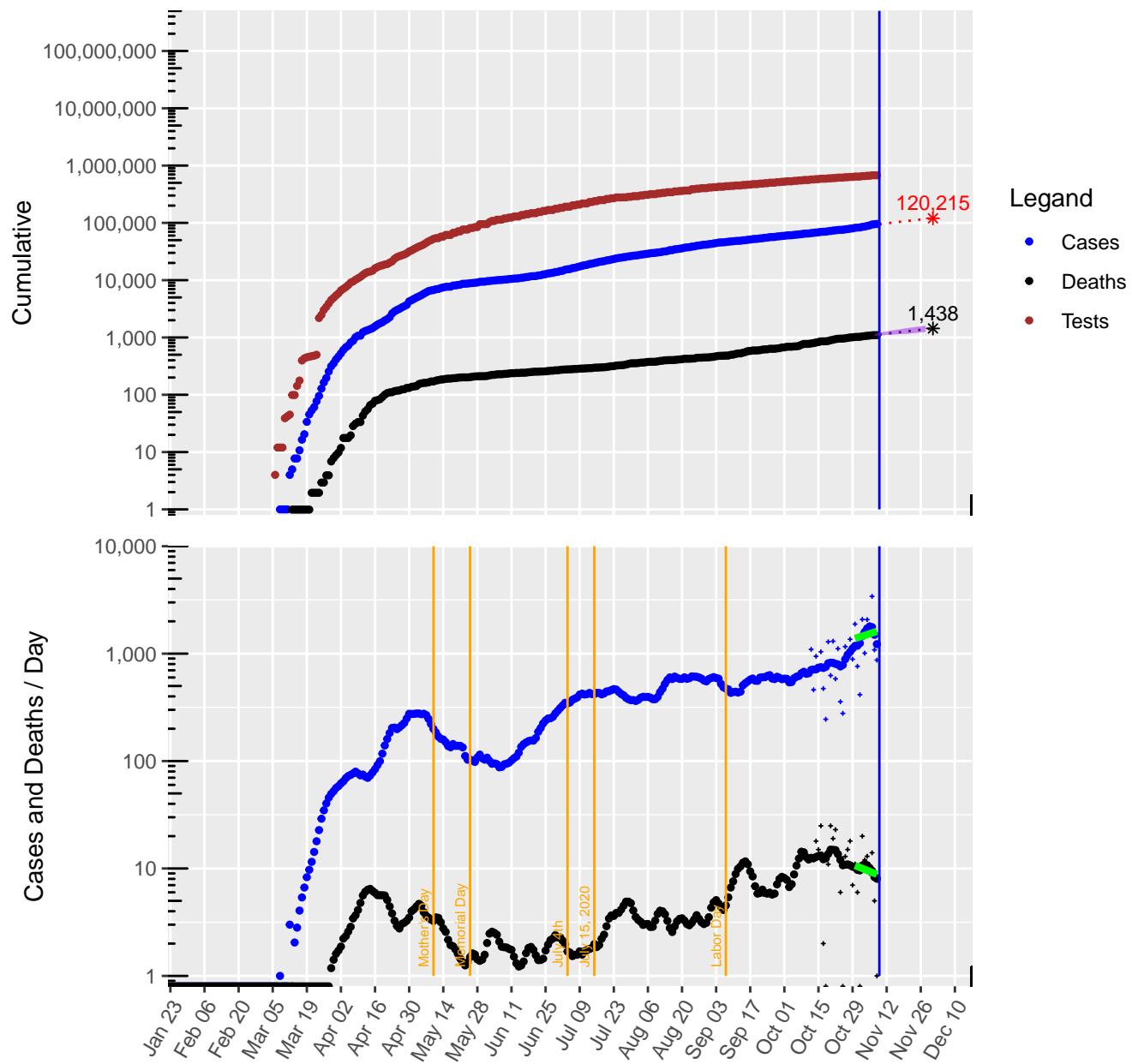
Indiana projection as of 2020-11-09



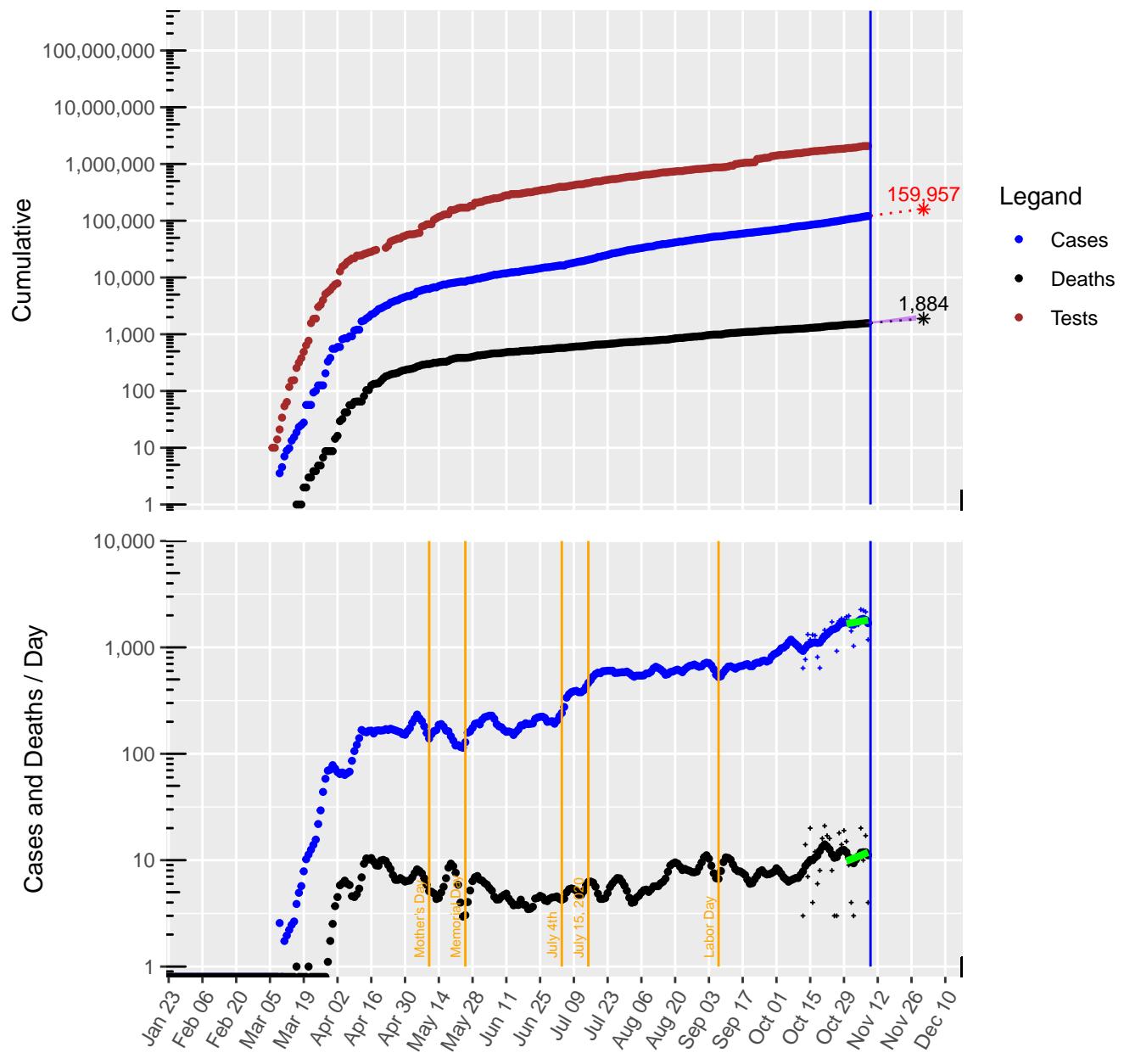
Iowa projection as of 2020-11-09



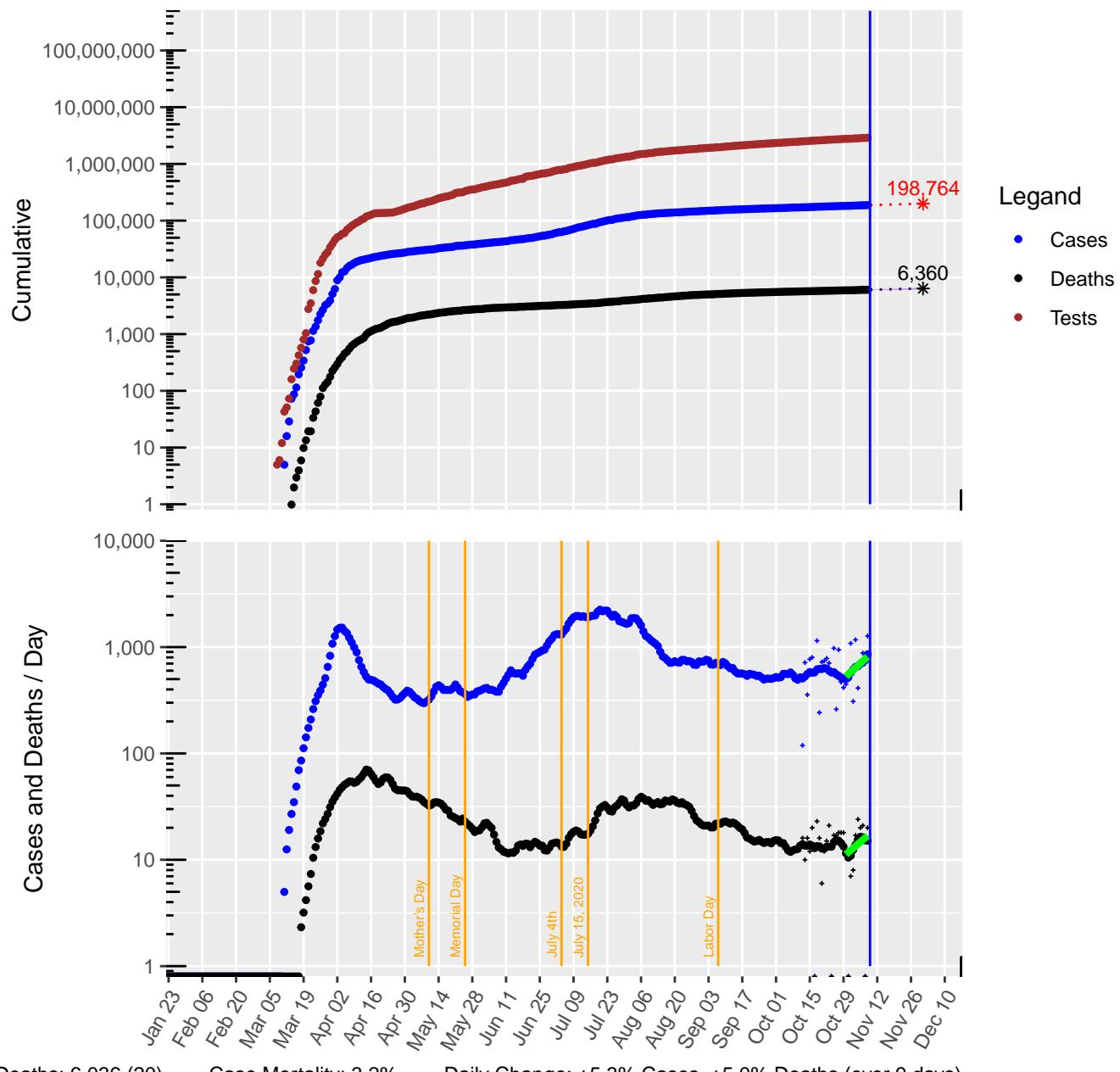
Kansas projection as of 2020-11-09



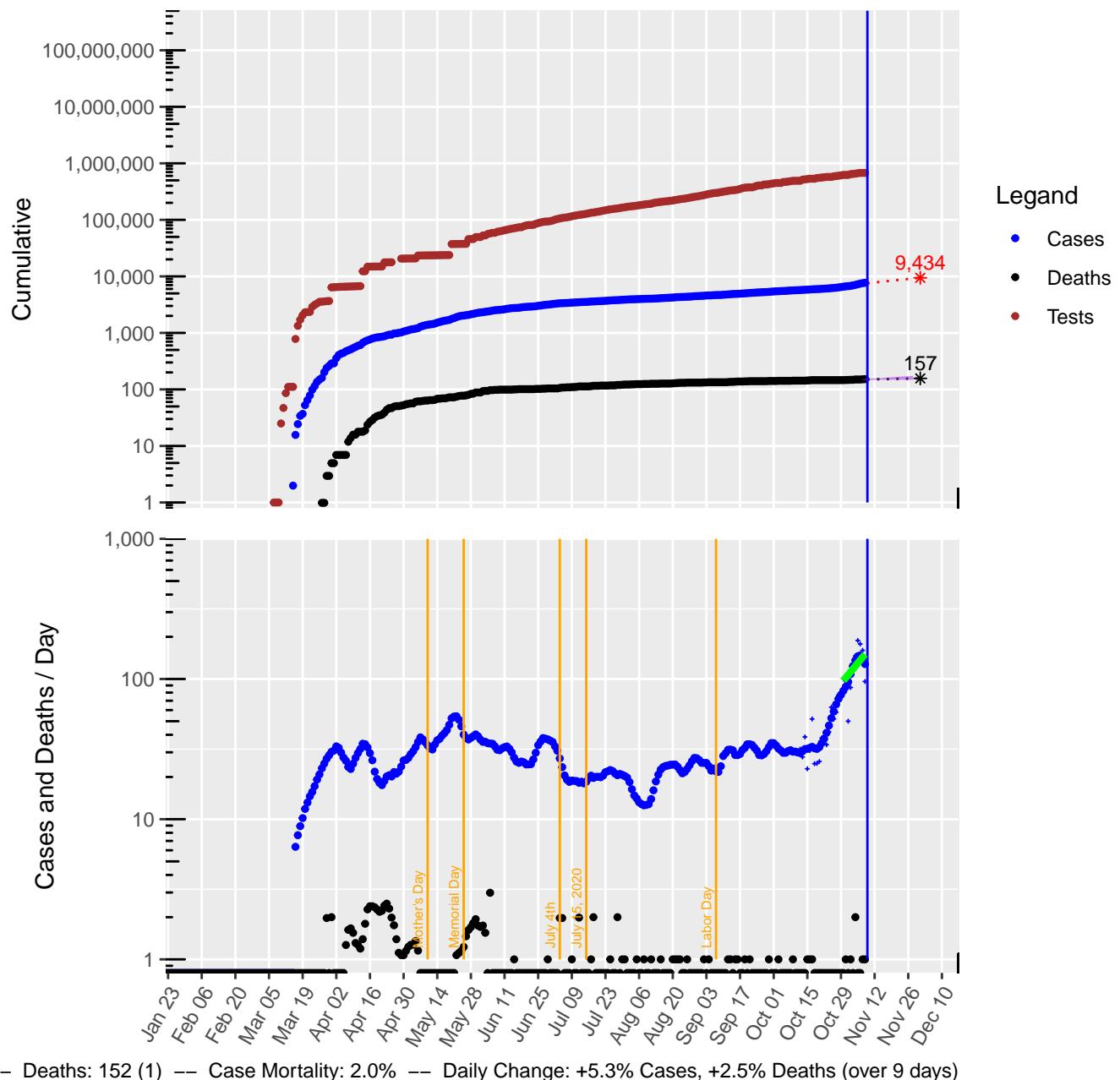
Kentucky projection as of 2020-11-09



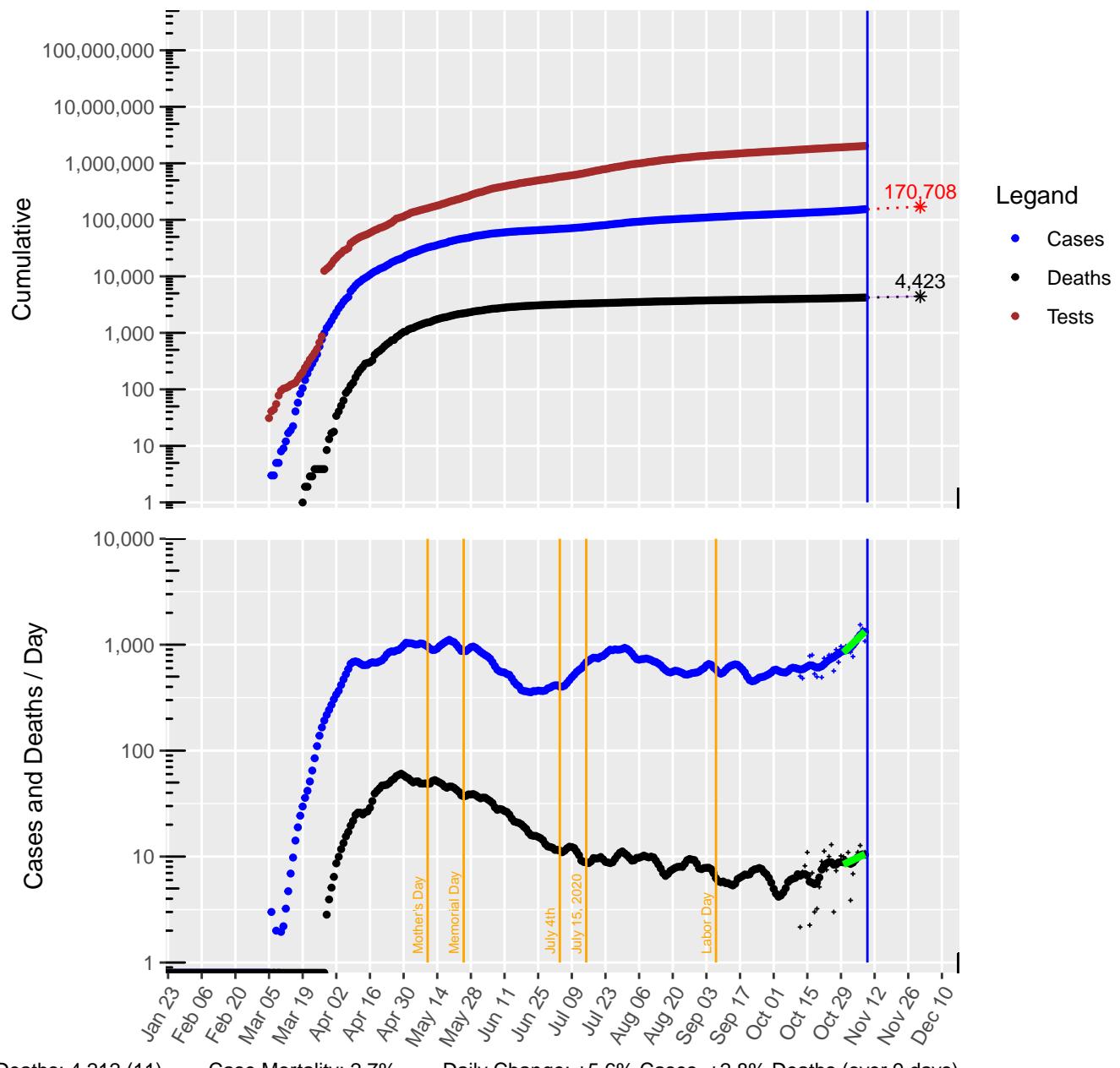
Louisiana projection as of 2020-11-09



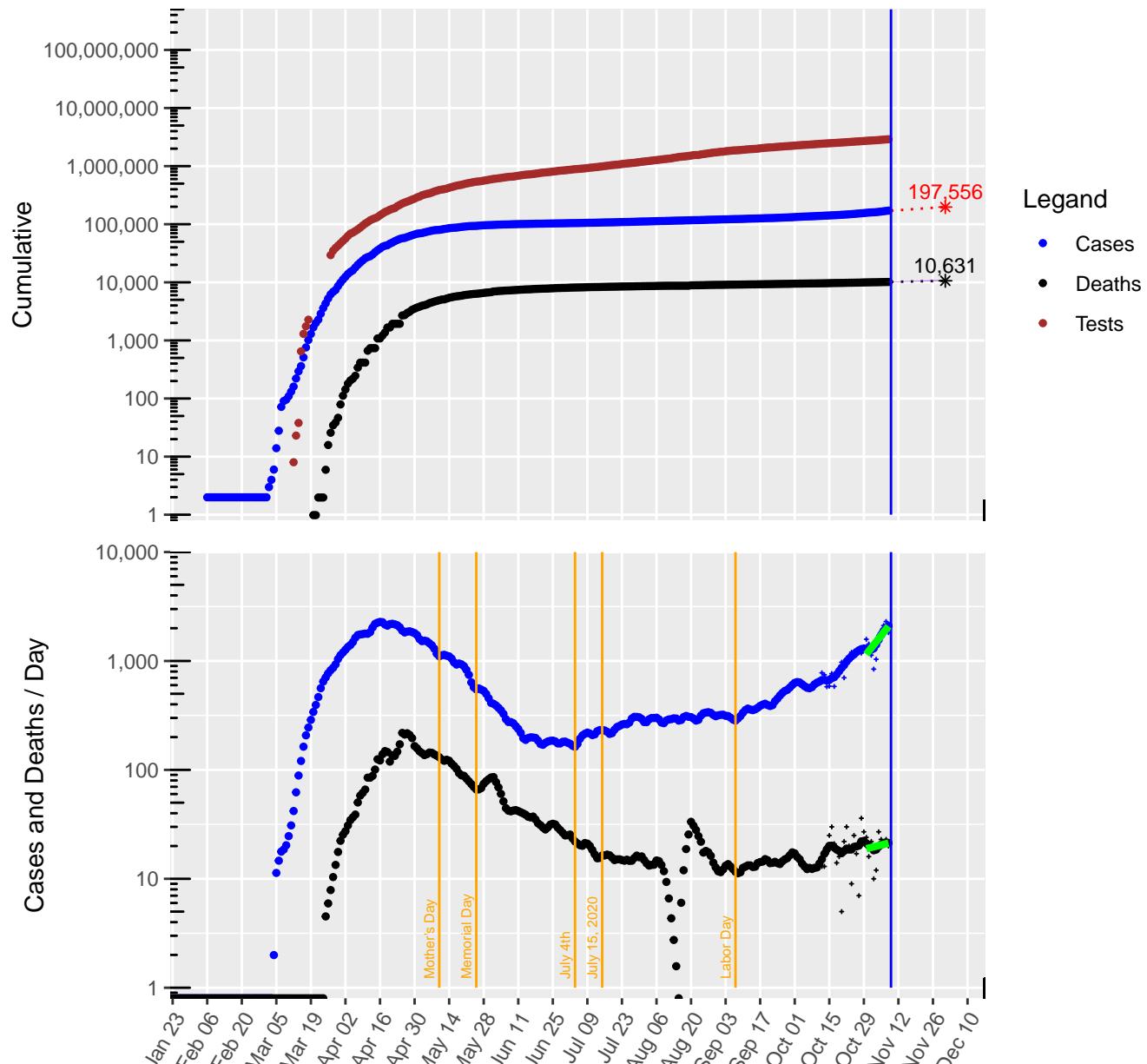
Maine projection as of 2020-11-09



Maryland projection as of 2020-11-09

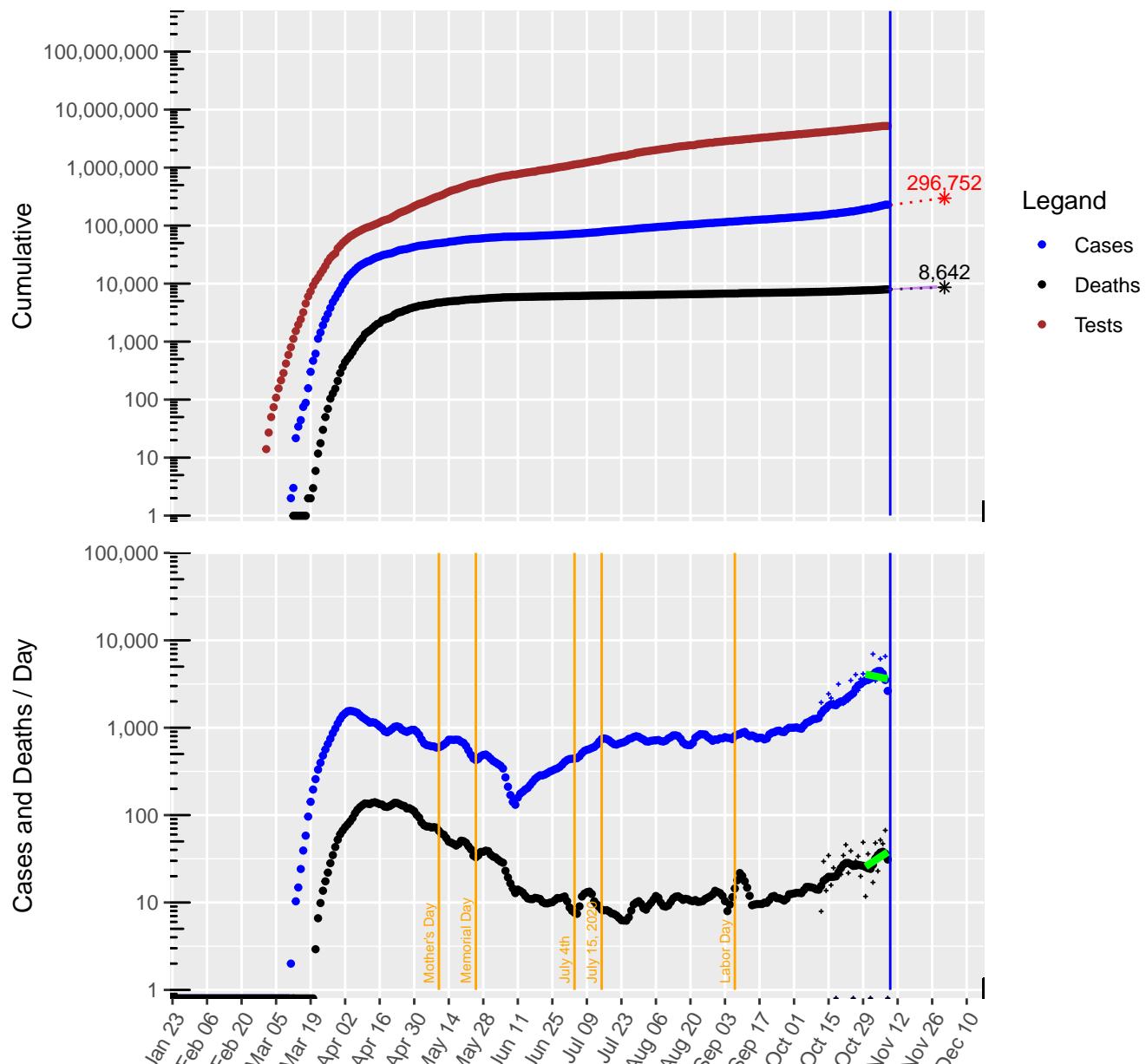


Massachusetts projection as of 2020-11-09



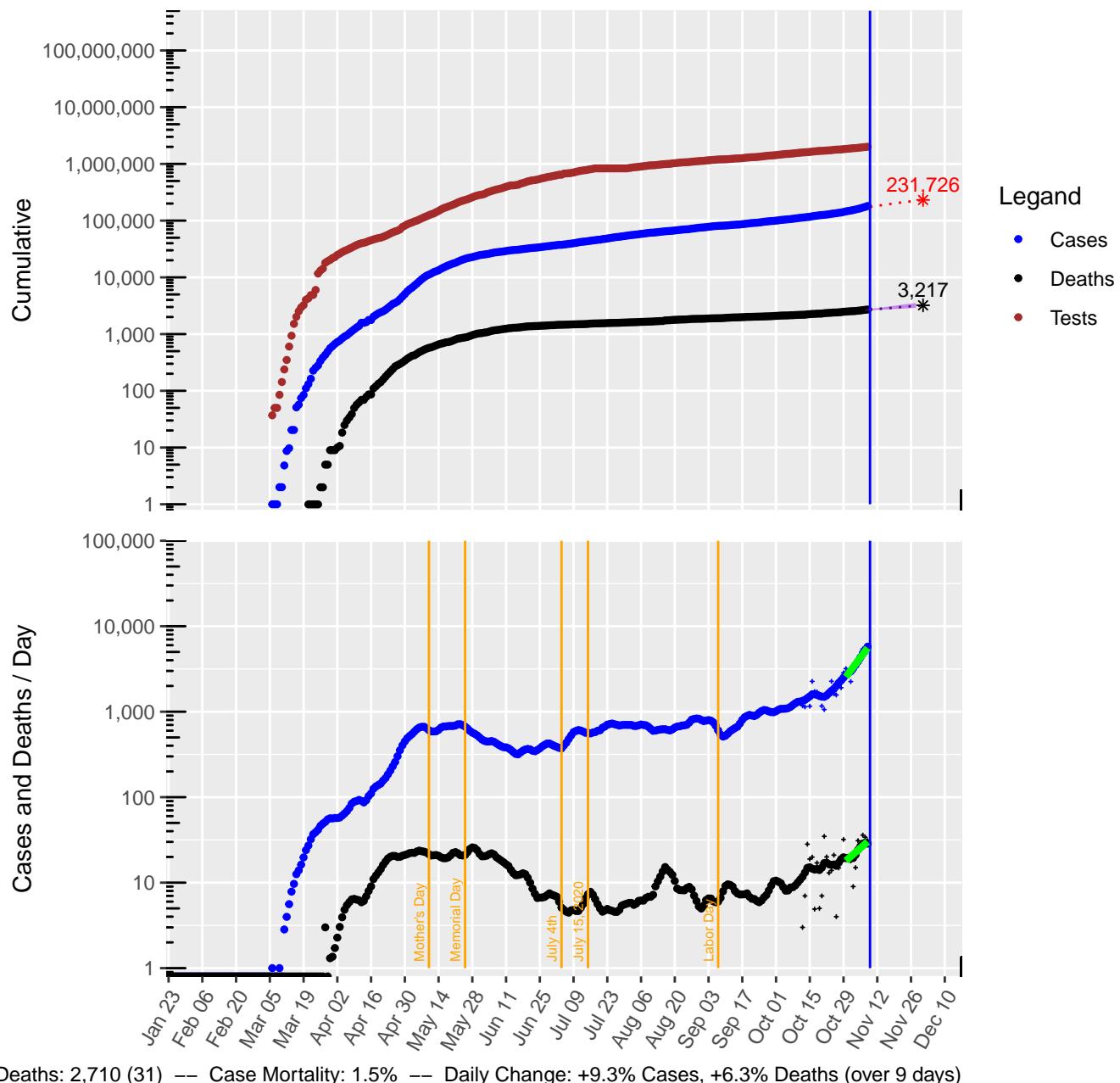
Deaths: 10,149 (20) — Case Mortality: 5.9% — Daily Change: +7.2% Cases, +1.5% Deaths (over 9 days)

Michigan projection as of 2020-11-09

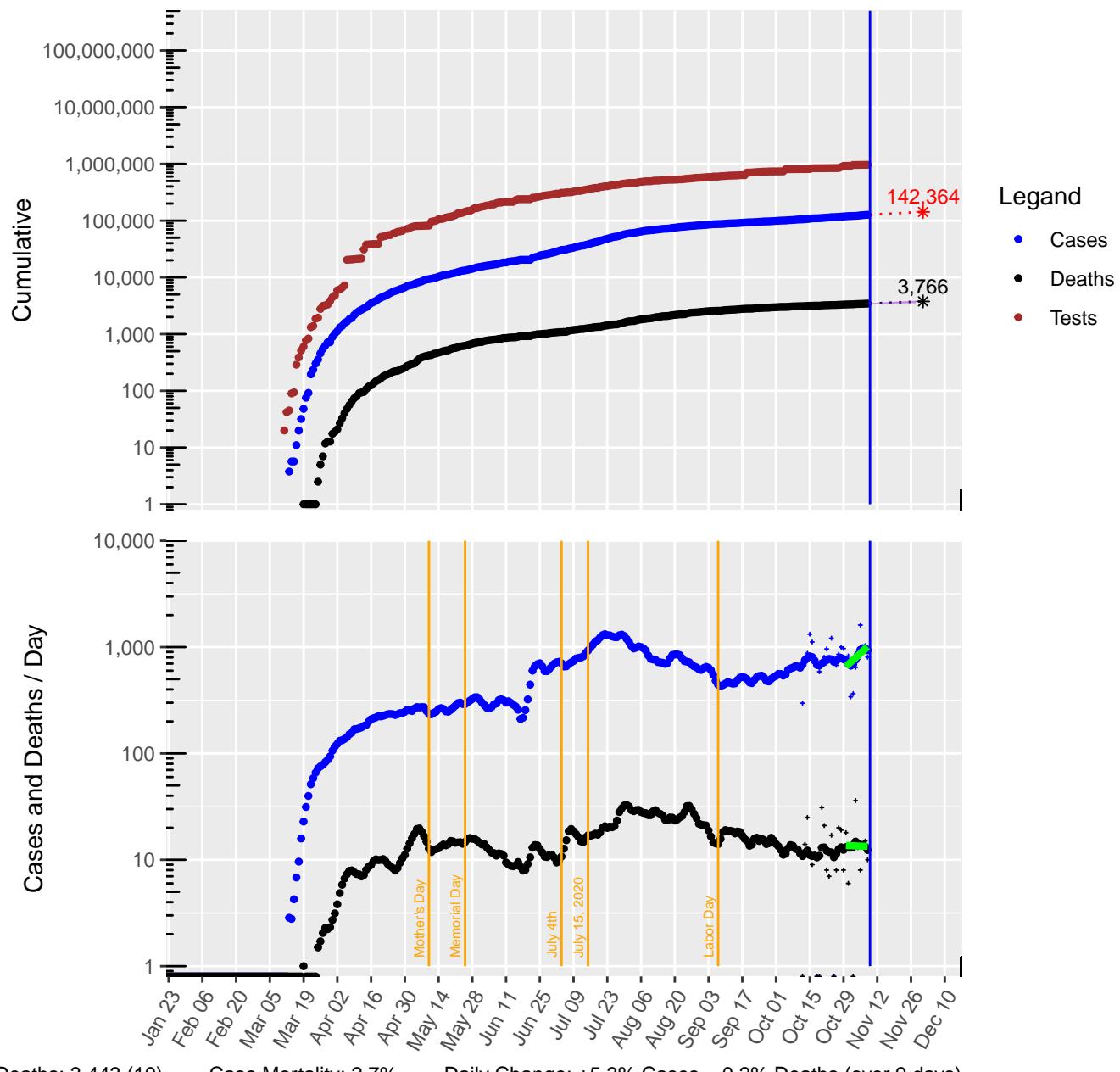


Deaths: 7,945 (0) — Case Mortality: 3.5% — Daily Change: -1.5% Cases, +4.7% Deaths (over 9 days)

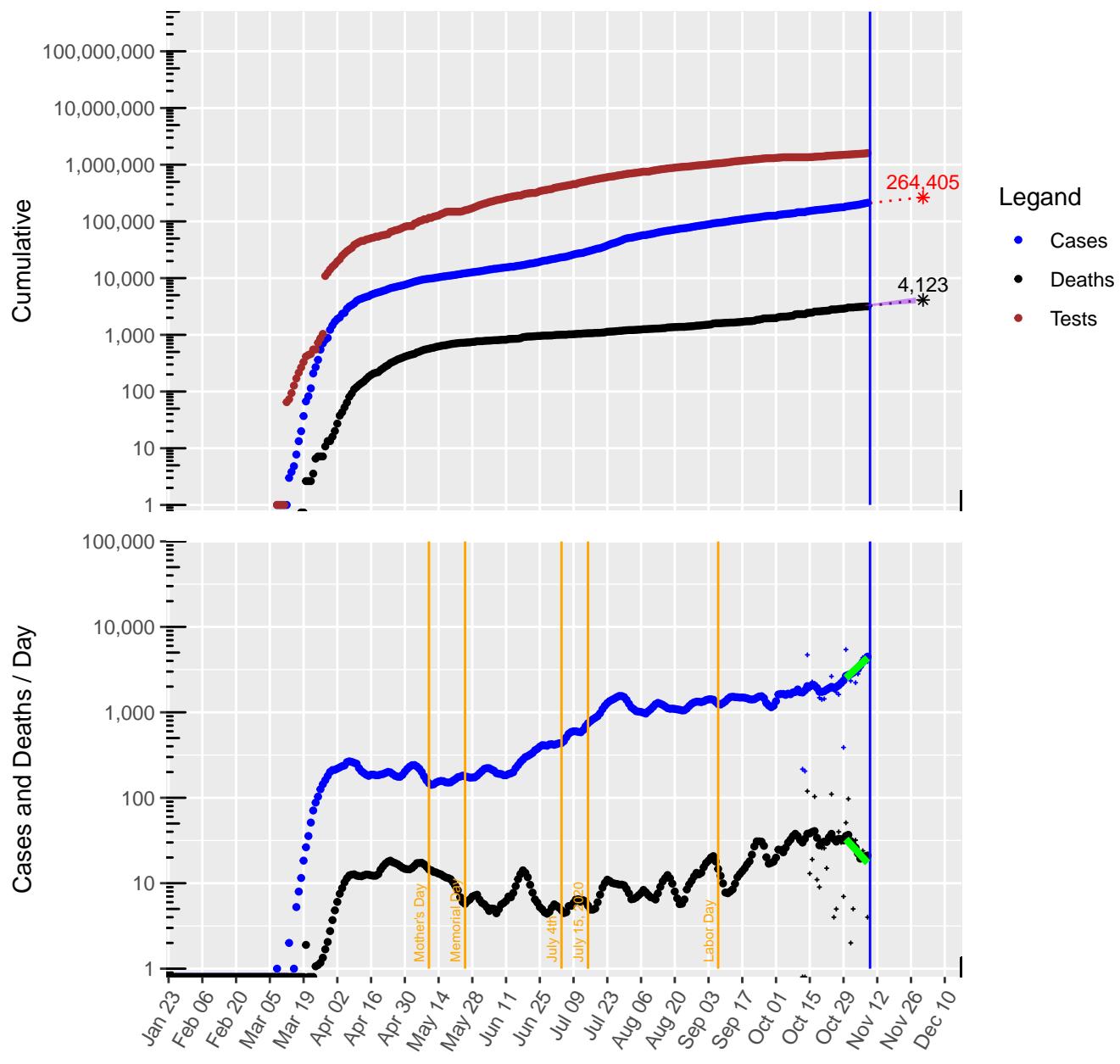
Minnesota projection as of 2020-11-09



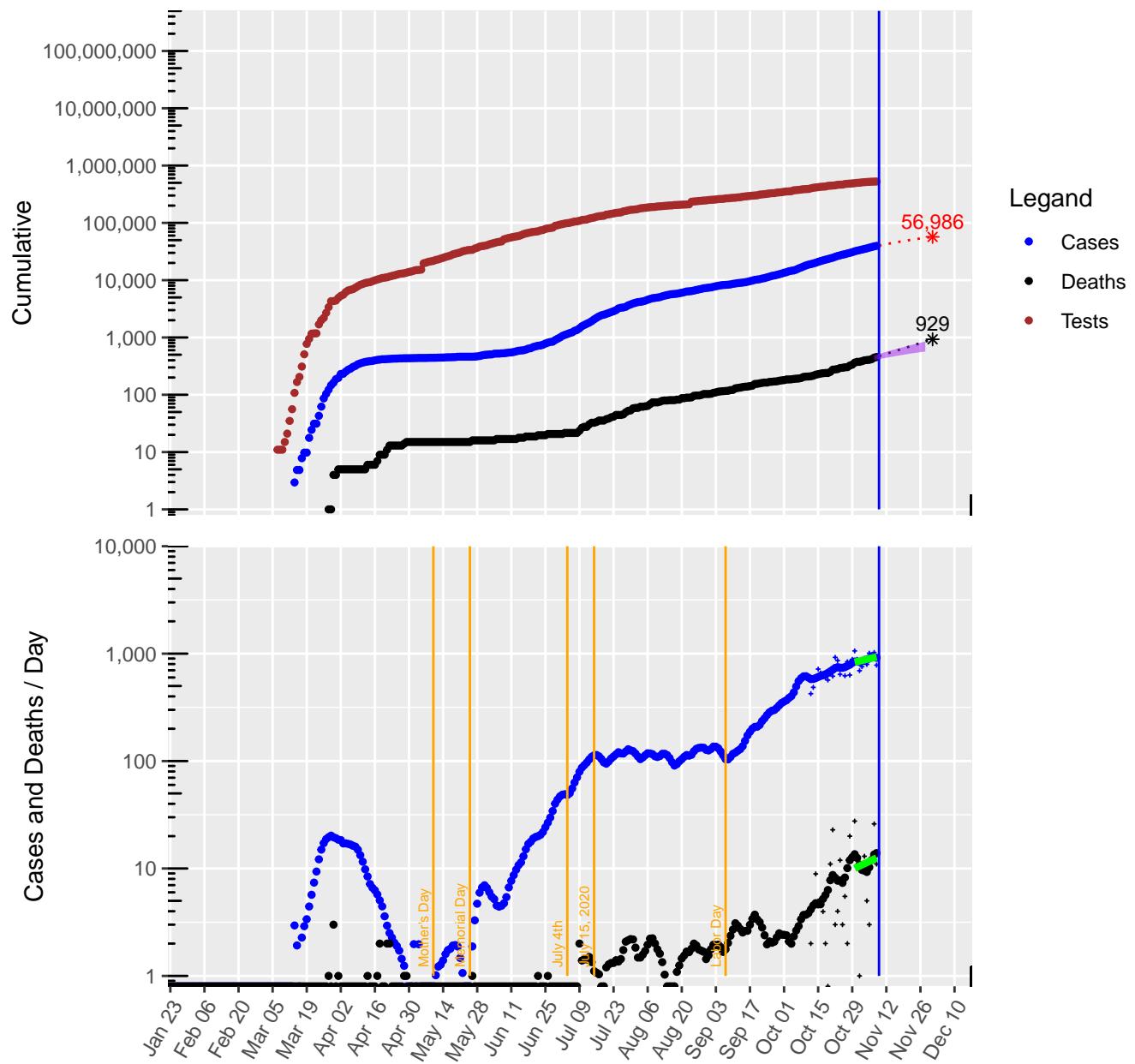
Mississippi projection as of 2020-11-09



Missouri projection as of 2020-11-09

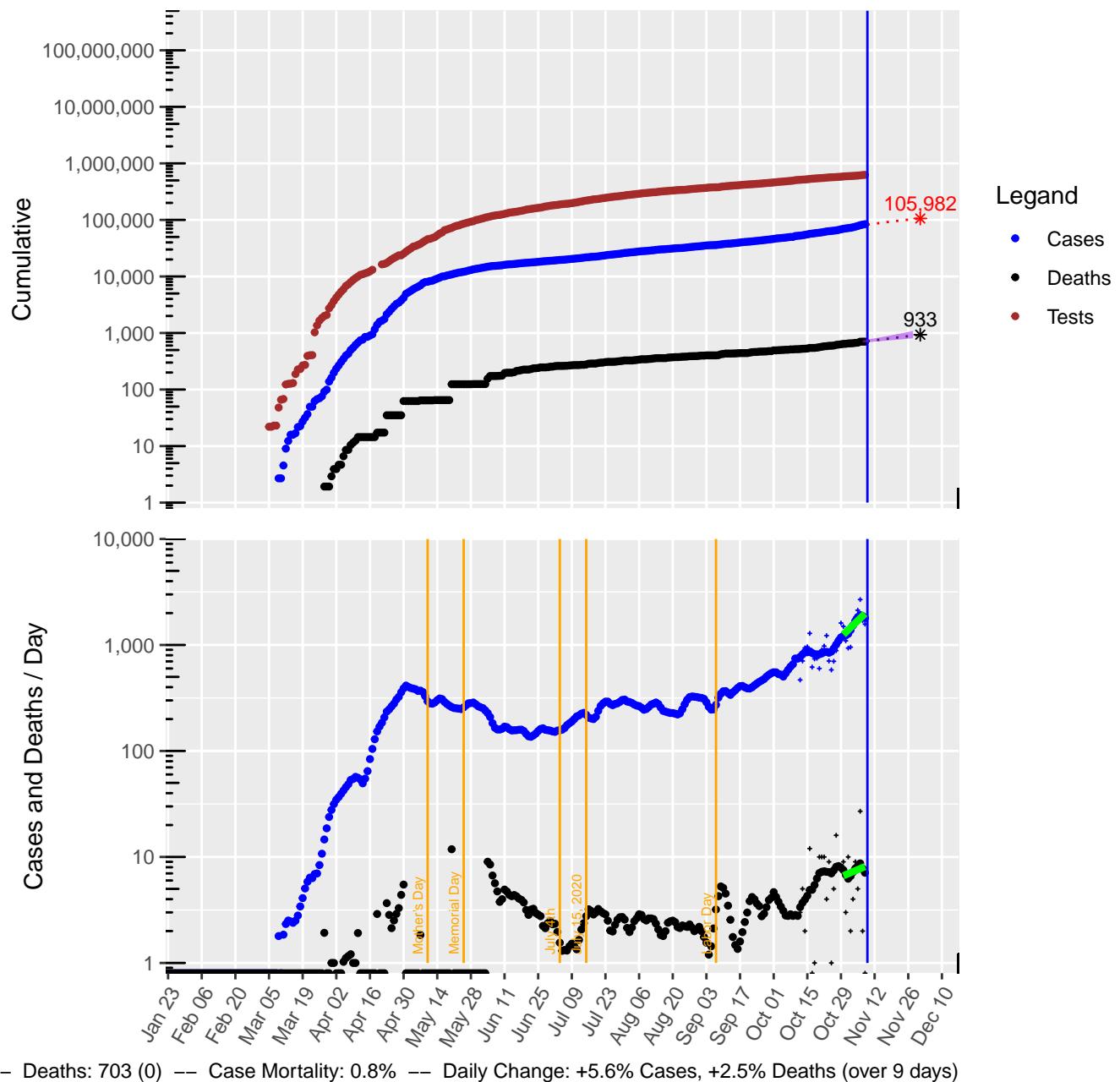


Montana projection as of 2020-11-09

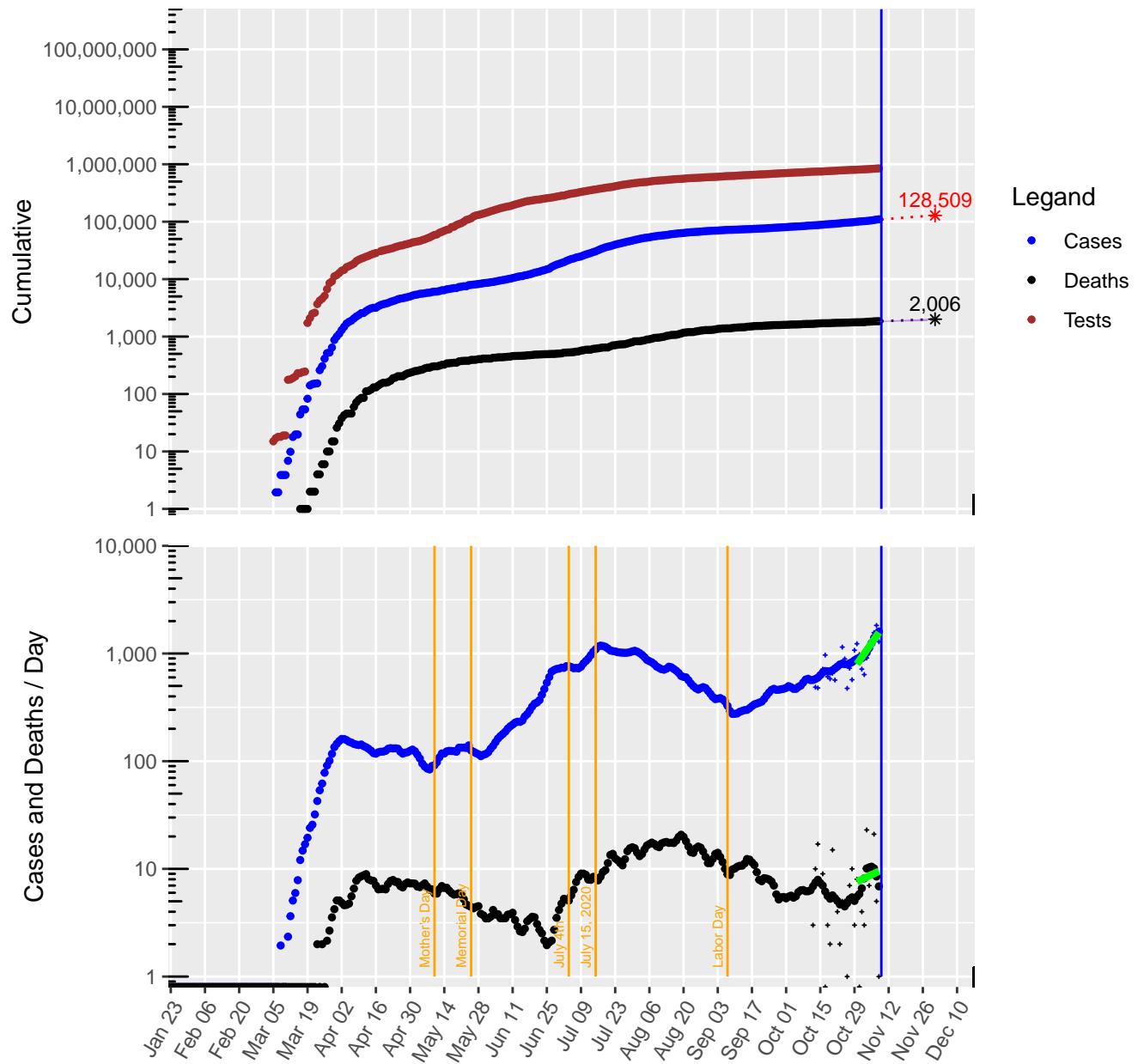


Deaths: 456 (11) — Case Mortality: 1.1% — Daily Change: +1.4% Cases, +2.8% Deaths (over 9 days)

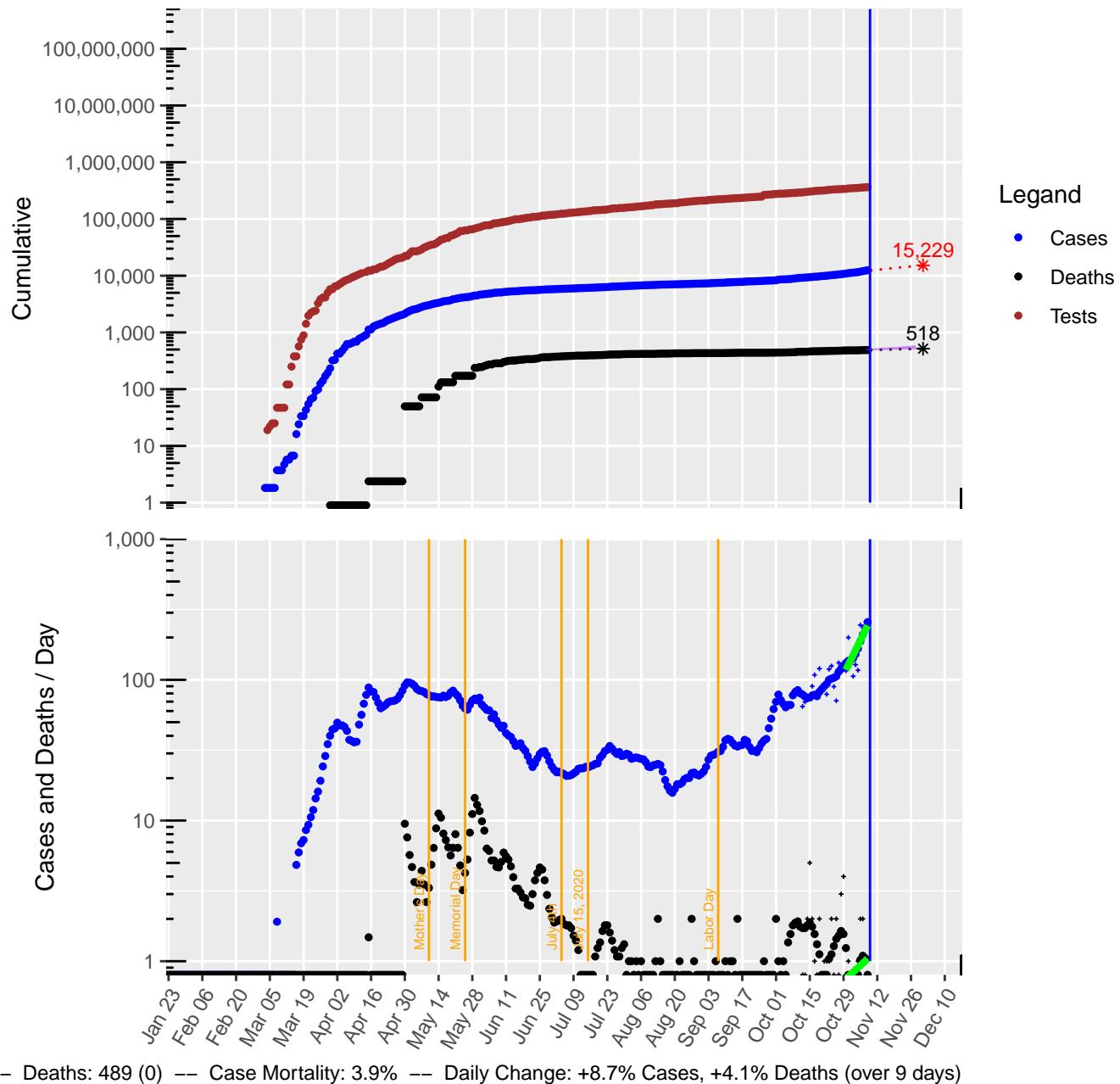
Nebraska projection as of 2020-11-09



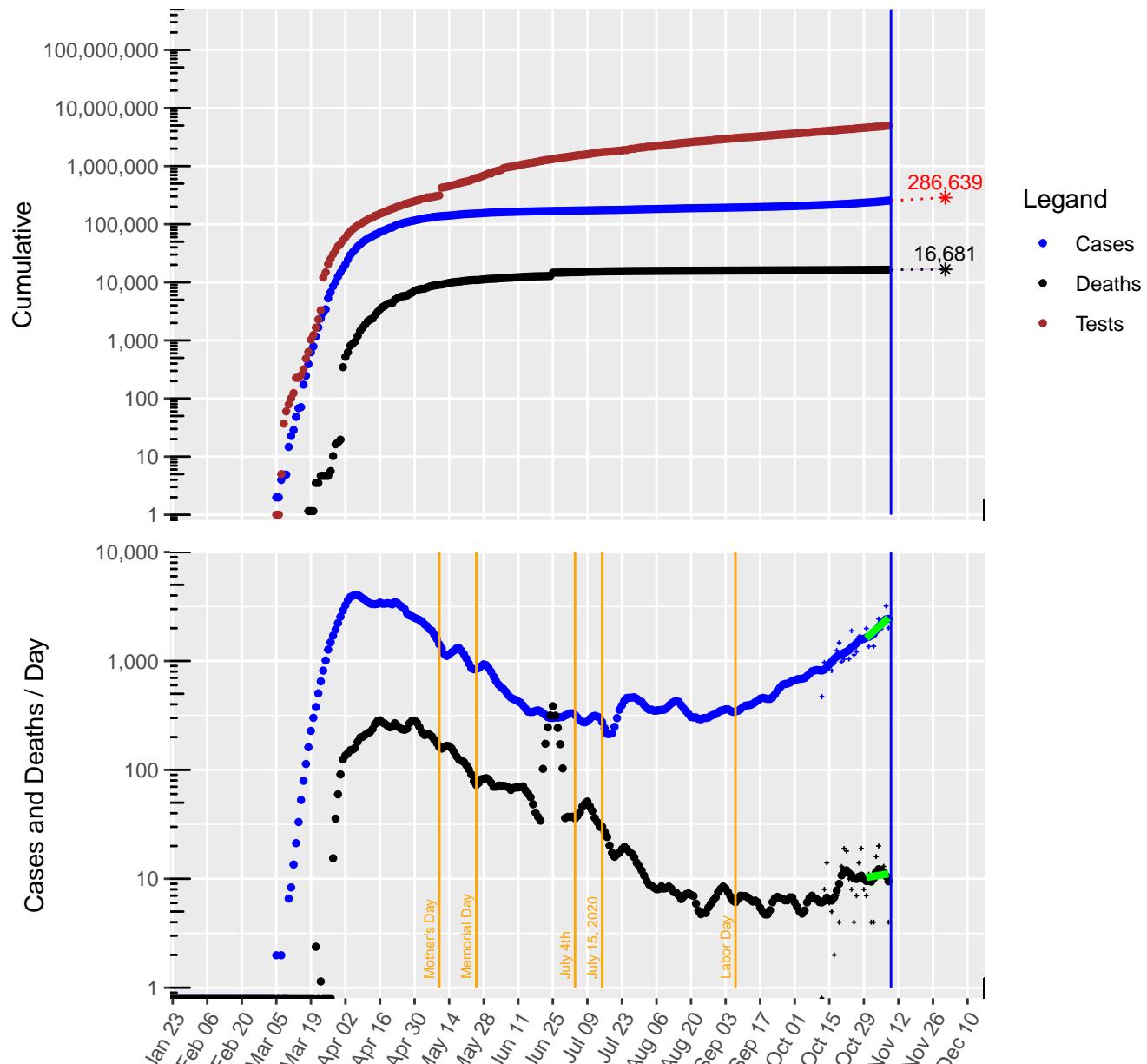
Nevada projection as of 2020-11-09



New Hampshire projection as of 2020-11-09

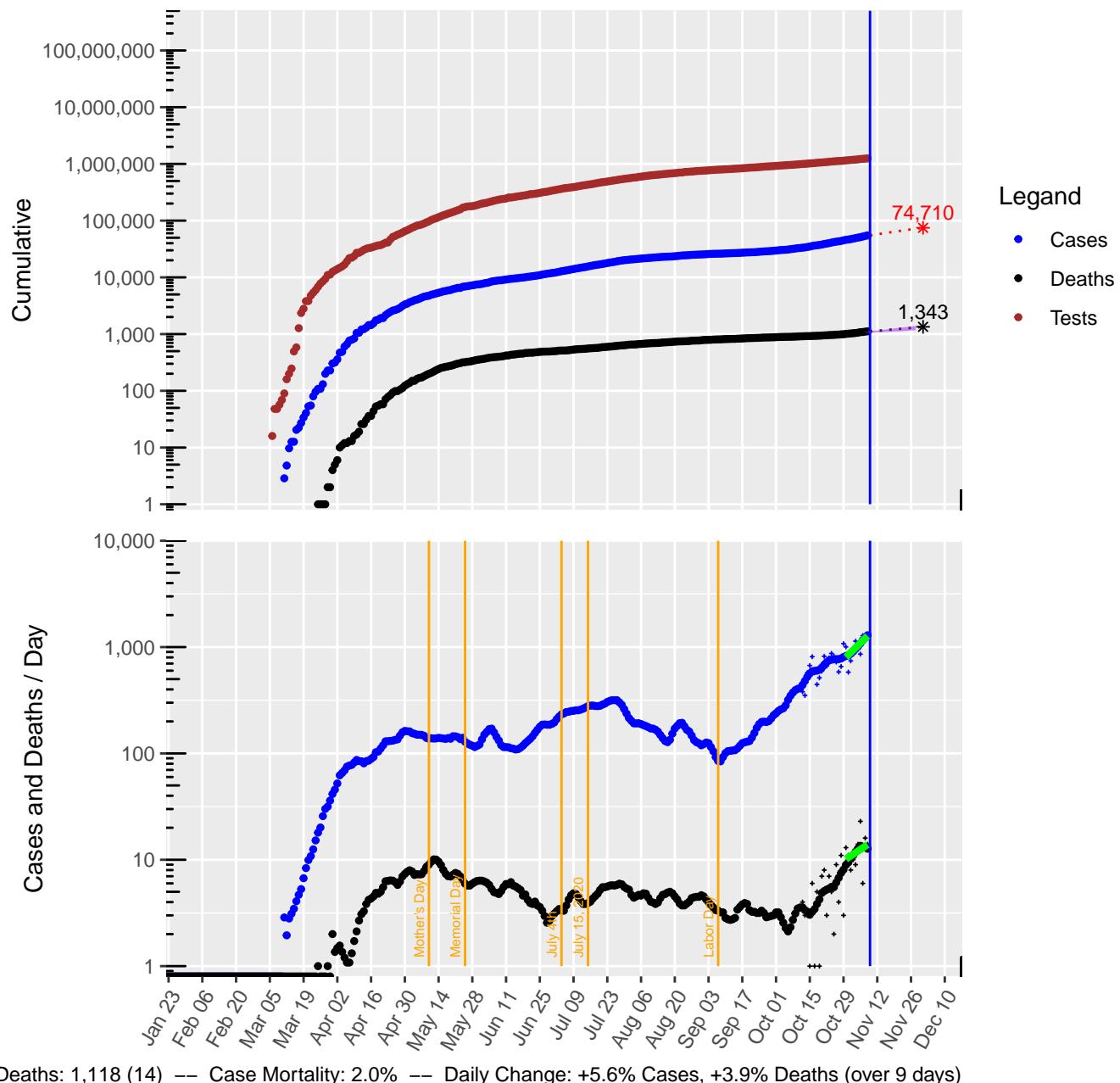


New Jersey projection as of 2020-11-09

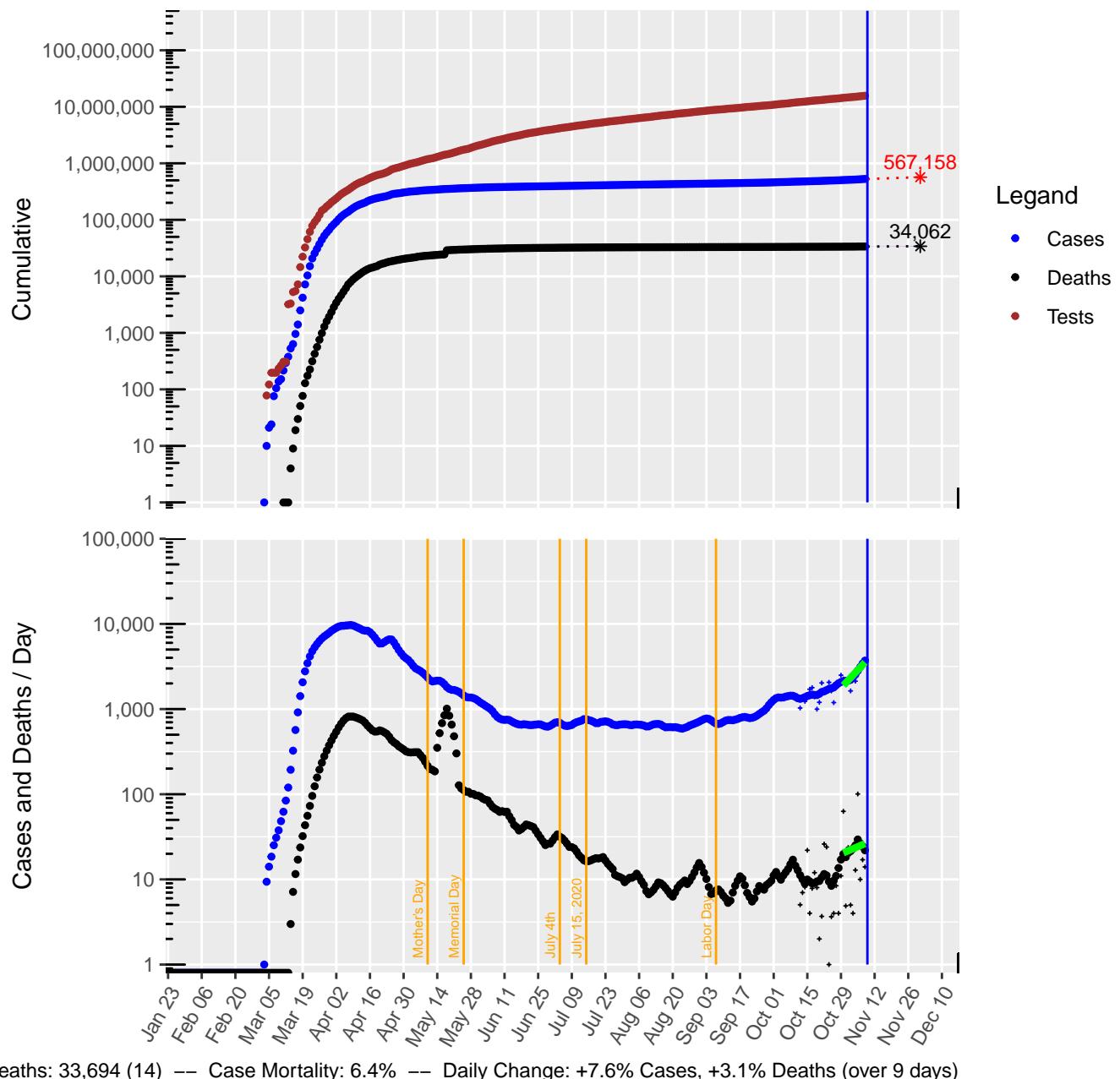


Deaths: 16,429 (4) --- Case Mortality: 6.5% --- Daily Change: +5.3% Cases, +1.0% Deaths (over 9 days)

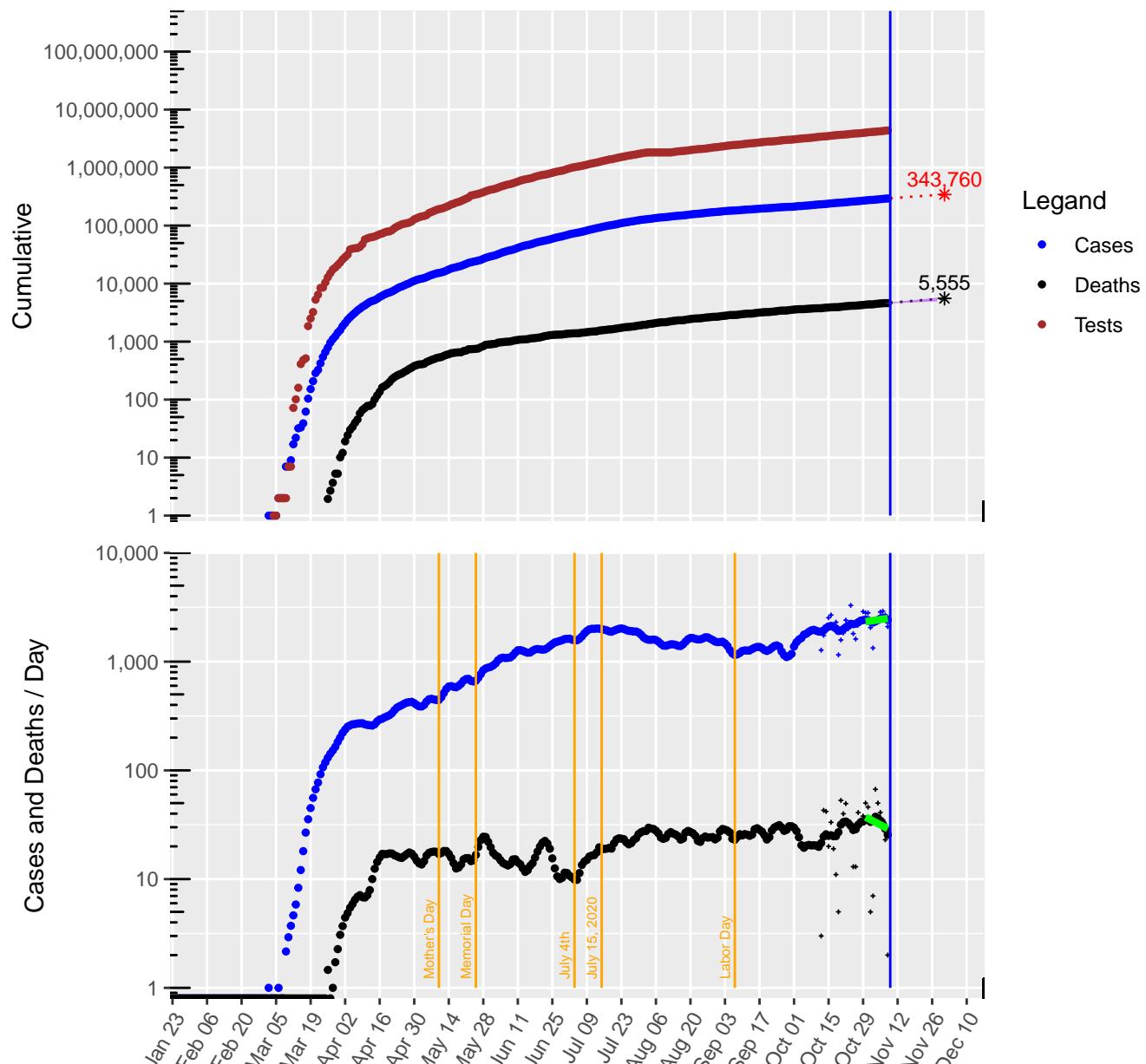
New Mexico projection as of 2020-11-09



New York projection as of 2020-11-09

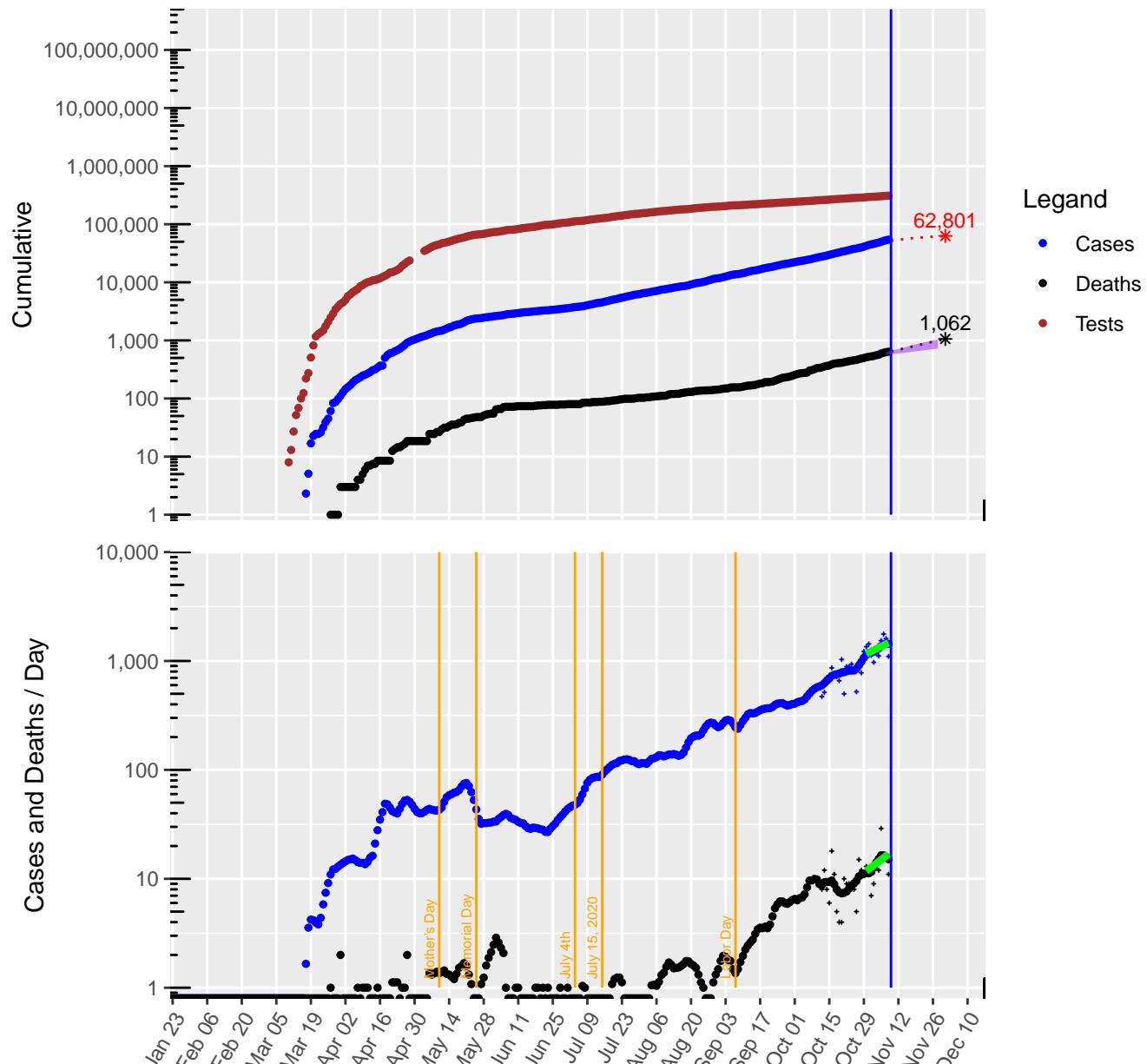


North Carolina projection as of 2020-11-09



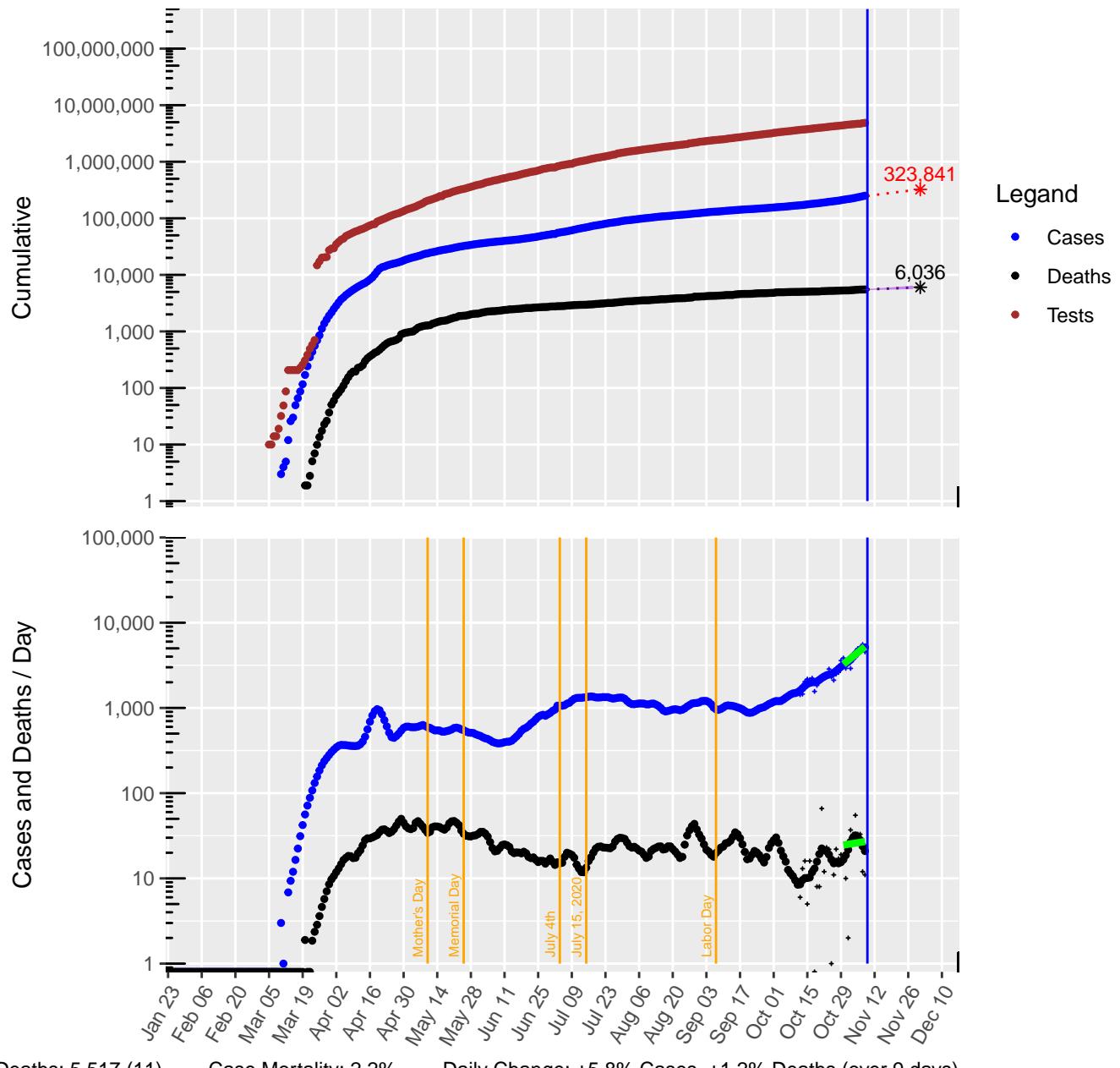
Deaths: 4,607 (2) --- Case Mortality: 1.6% --- Daily Change: +0.9% Cases, -3.1% Deaths (over 9 days)

North Dakota projection as of 2020-11-09

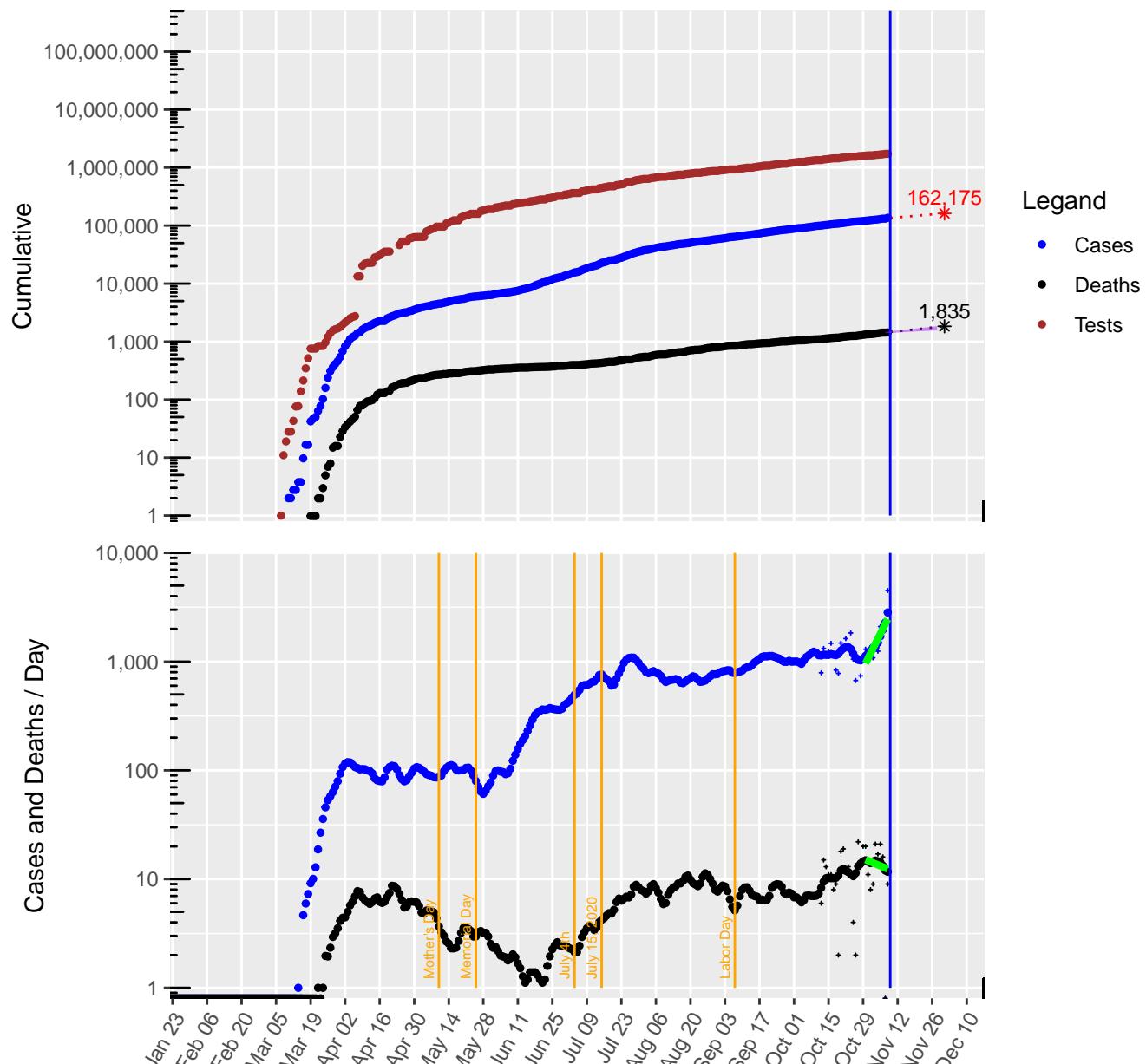


Deaths: 639 (11) --- Case Mortality: 1.2% --- Daily Change: +2.9% Cases, +4.4% Deaths (over 9 days)

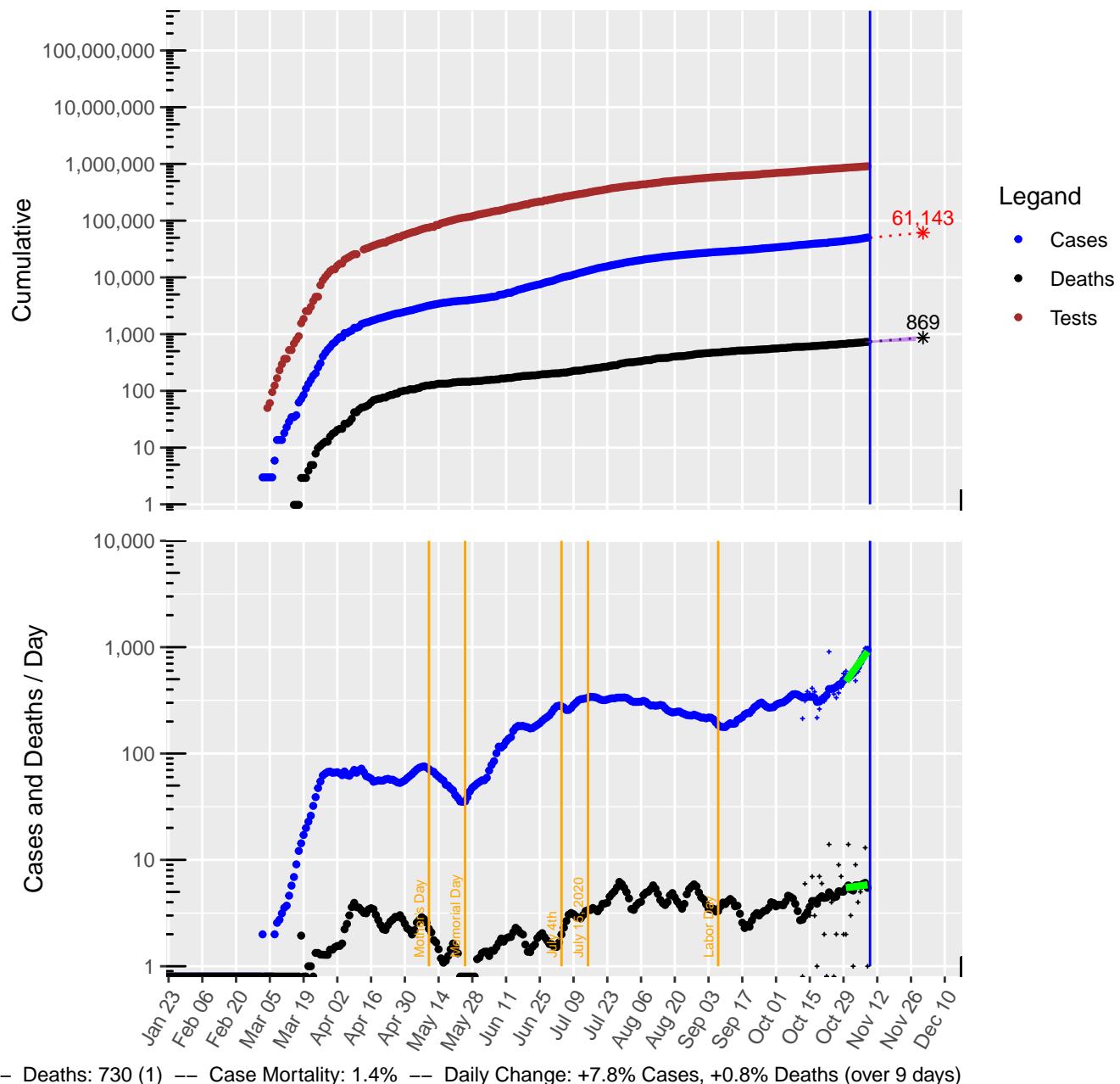
Ohio projection as of 2020-11-09



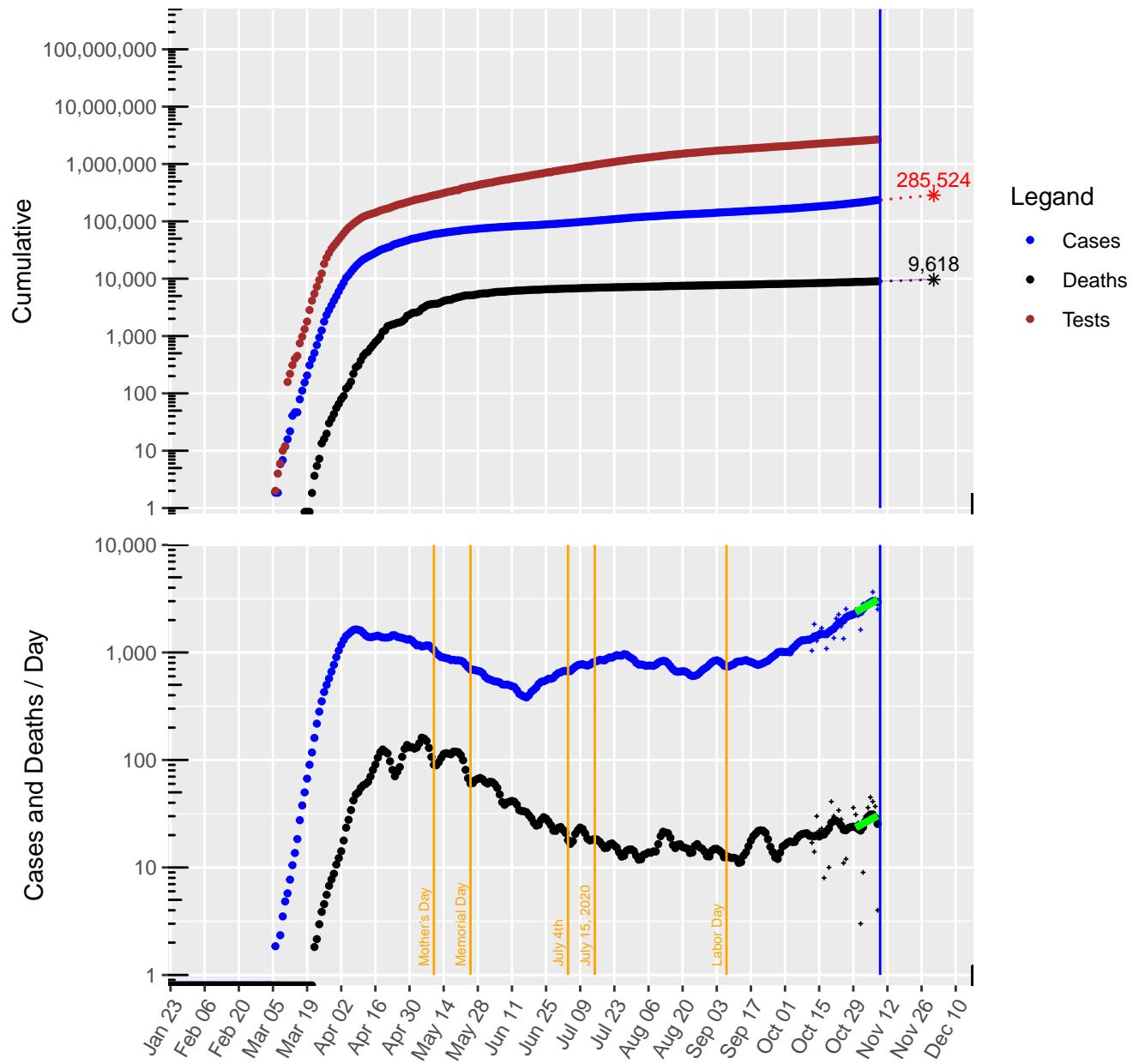
Oklahoma projection as of 2020-11-09



Oregon projection as of 2020-11-09

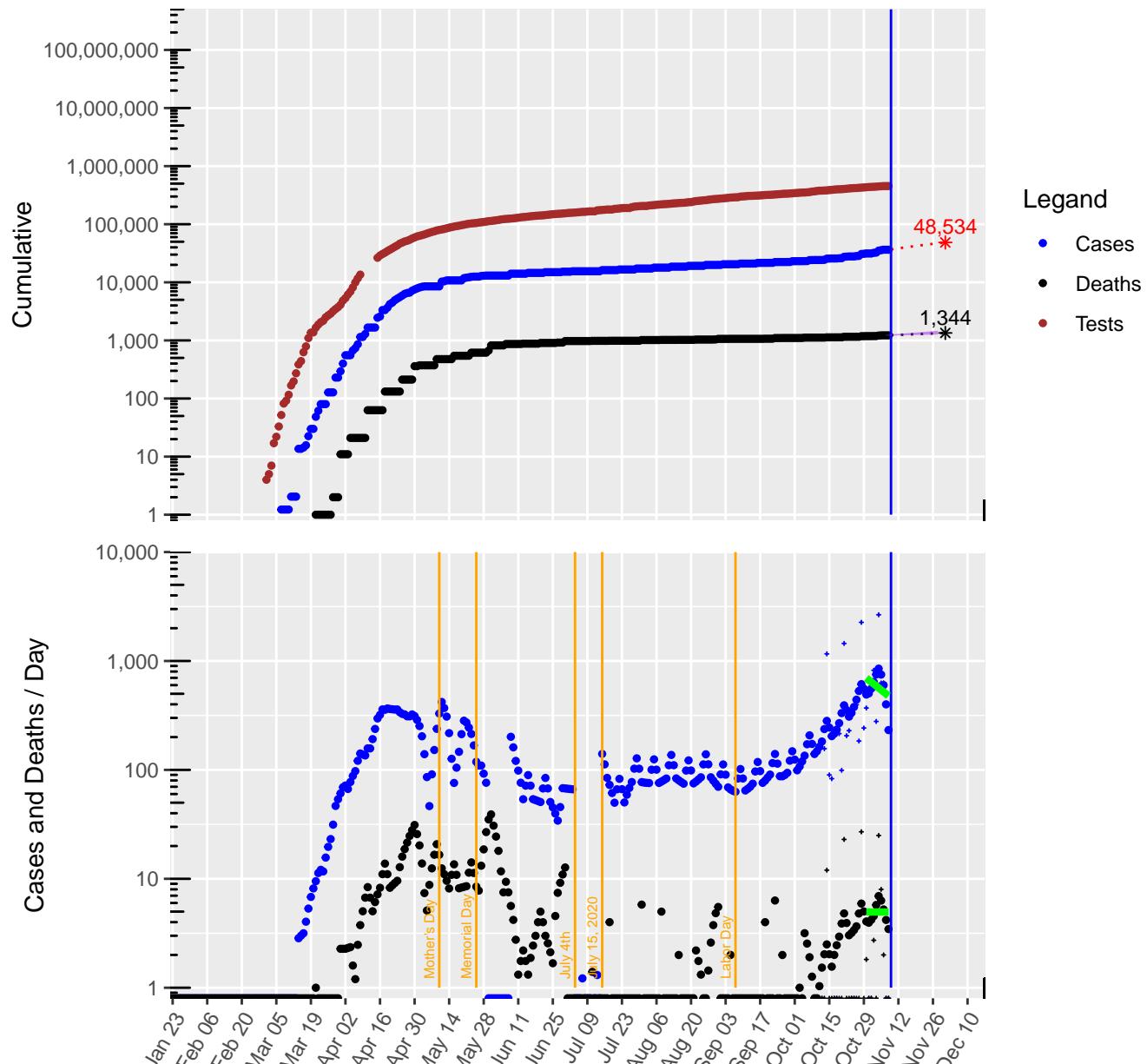


Pennsylvania projection as of 2020-11-09

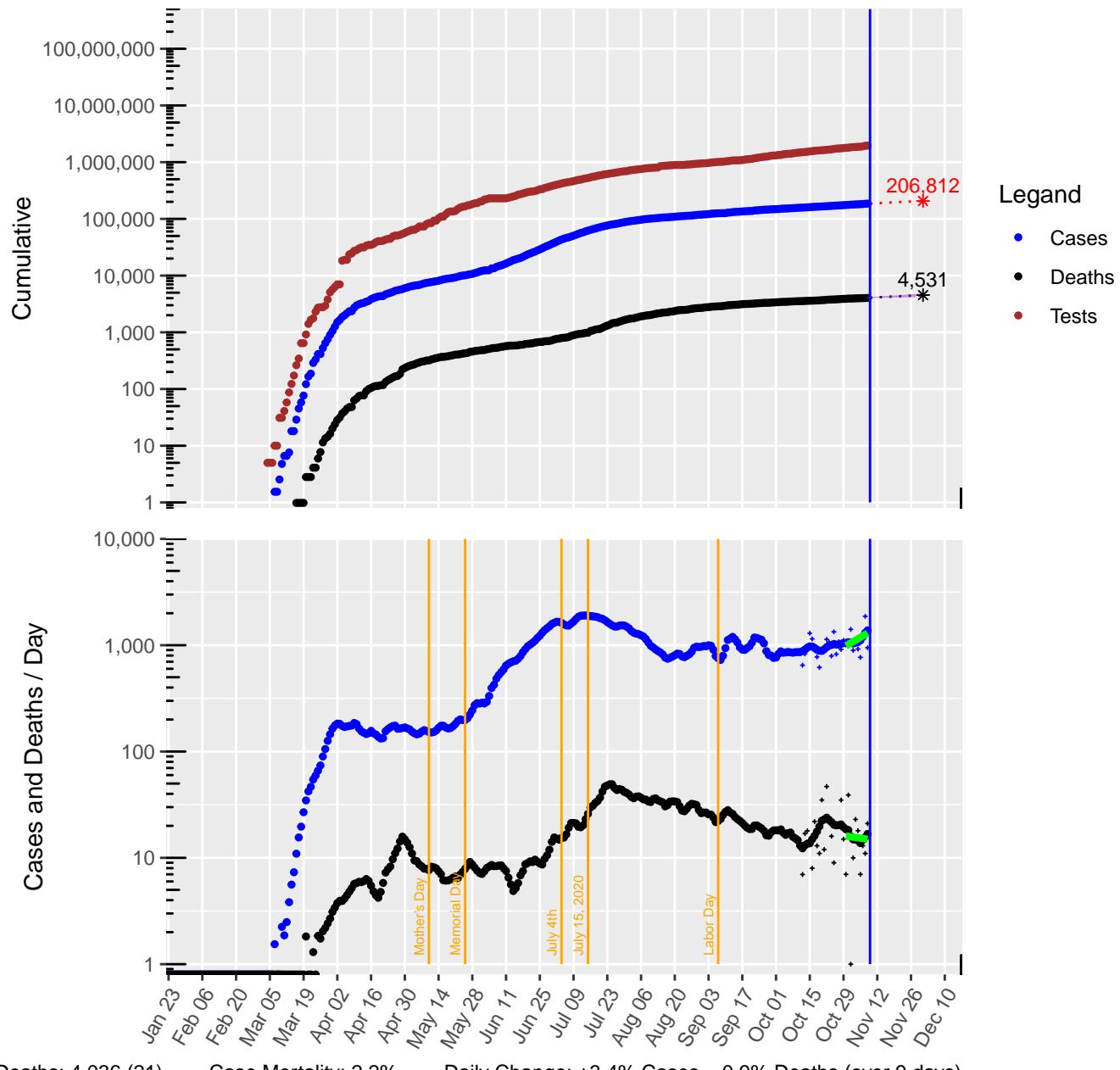


Deaths: 9,005 (4) — Case Mortality: 3.8% — Daily Change: +3.3% Cases, +3.1% Deaths (over 9 days)

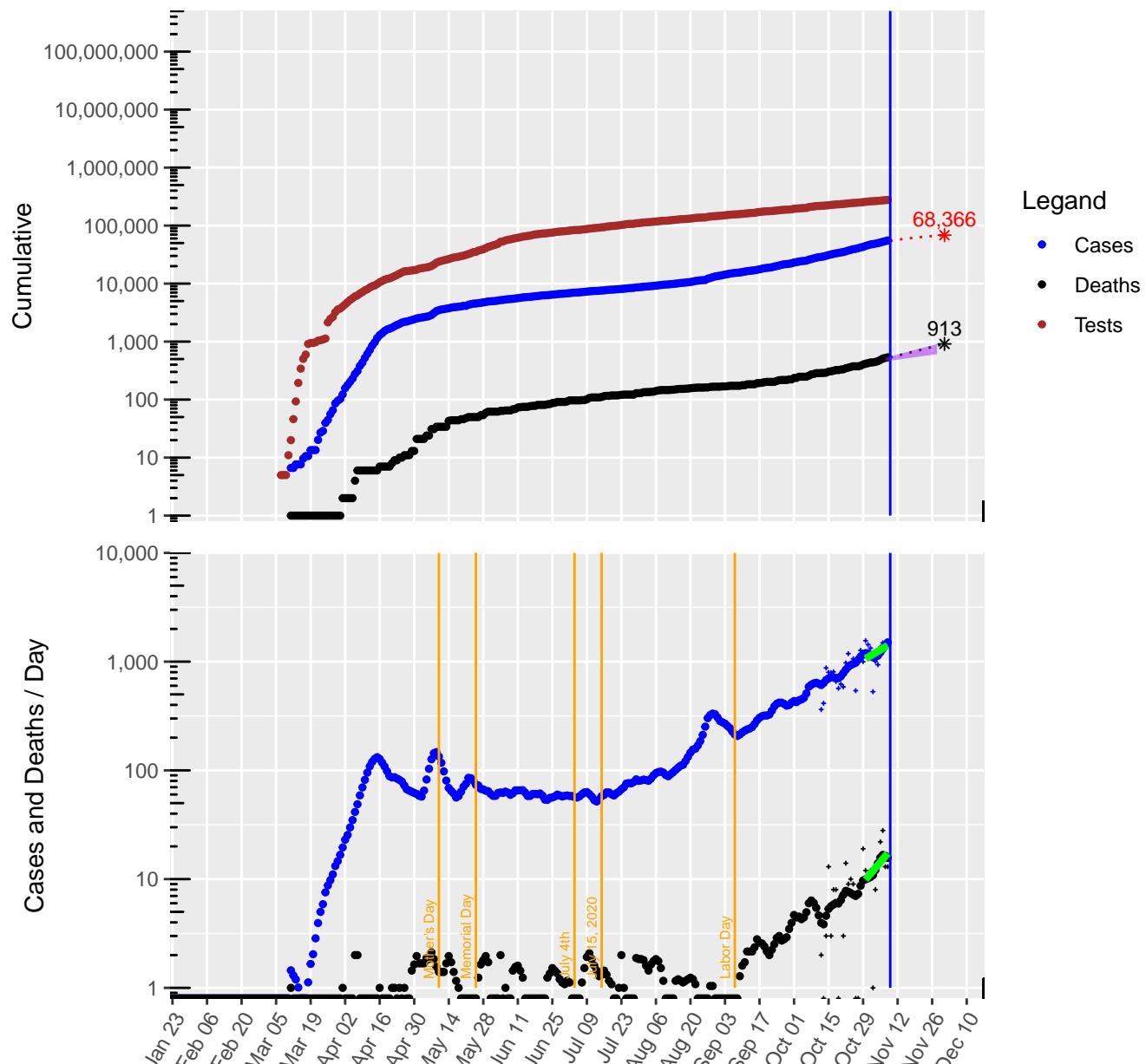
Rhode Island projection as of 2020-11-09



South Carolina projection as of 2020-11-09

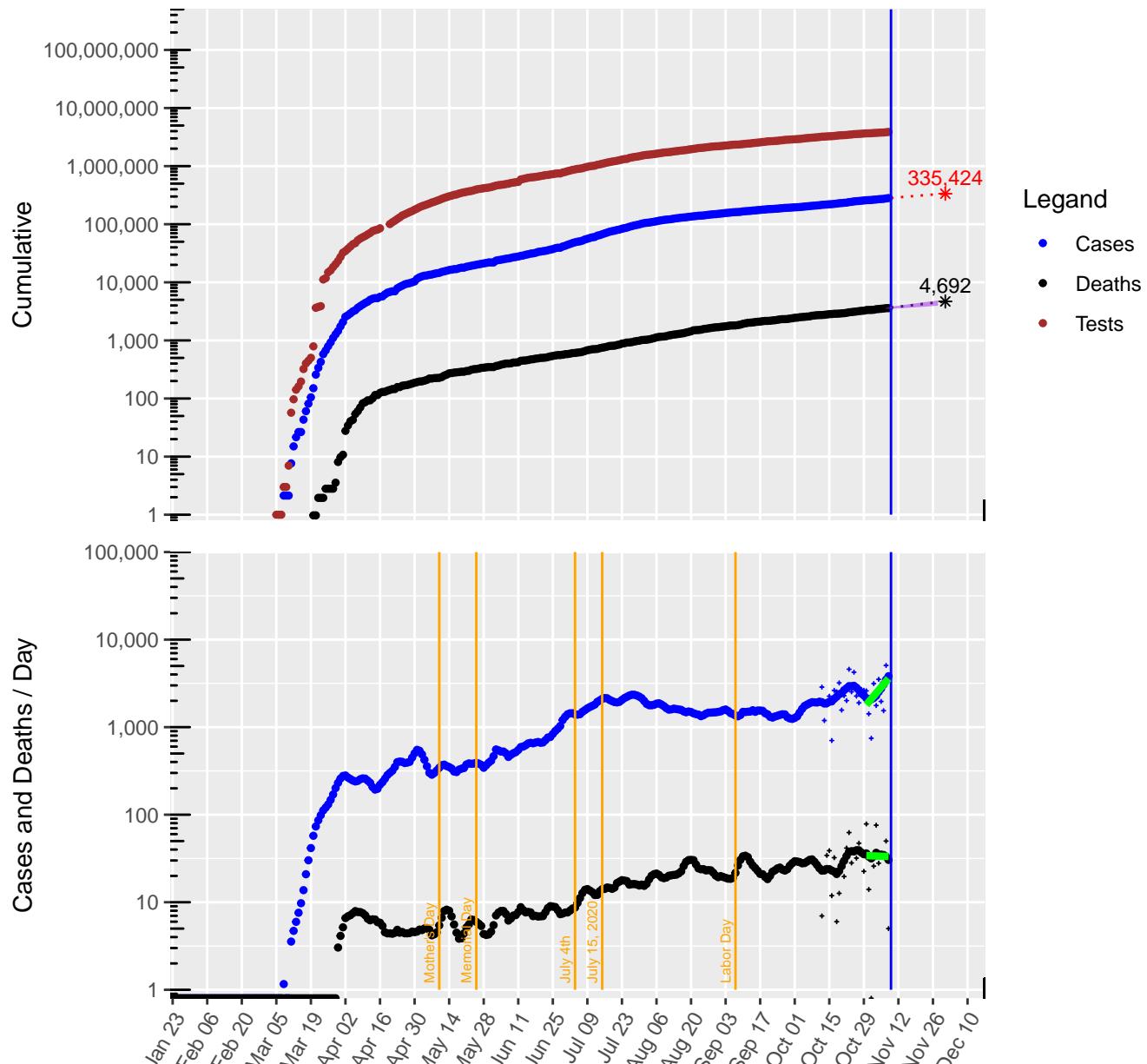


South Dakota projection as of 2020-11-09

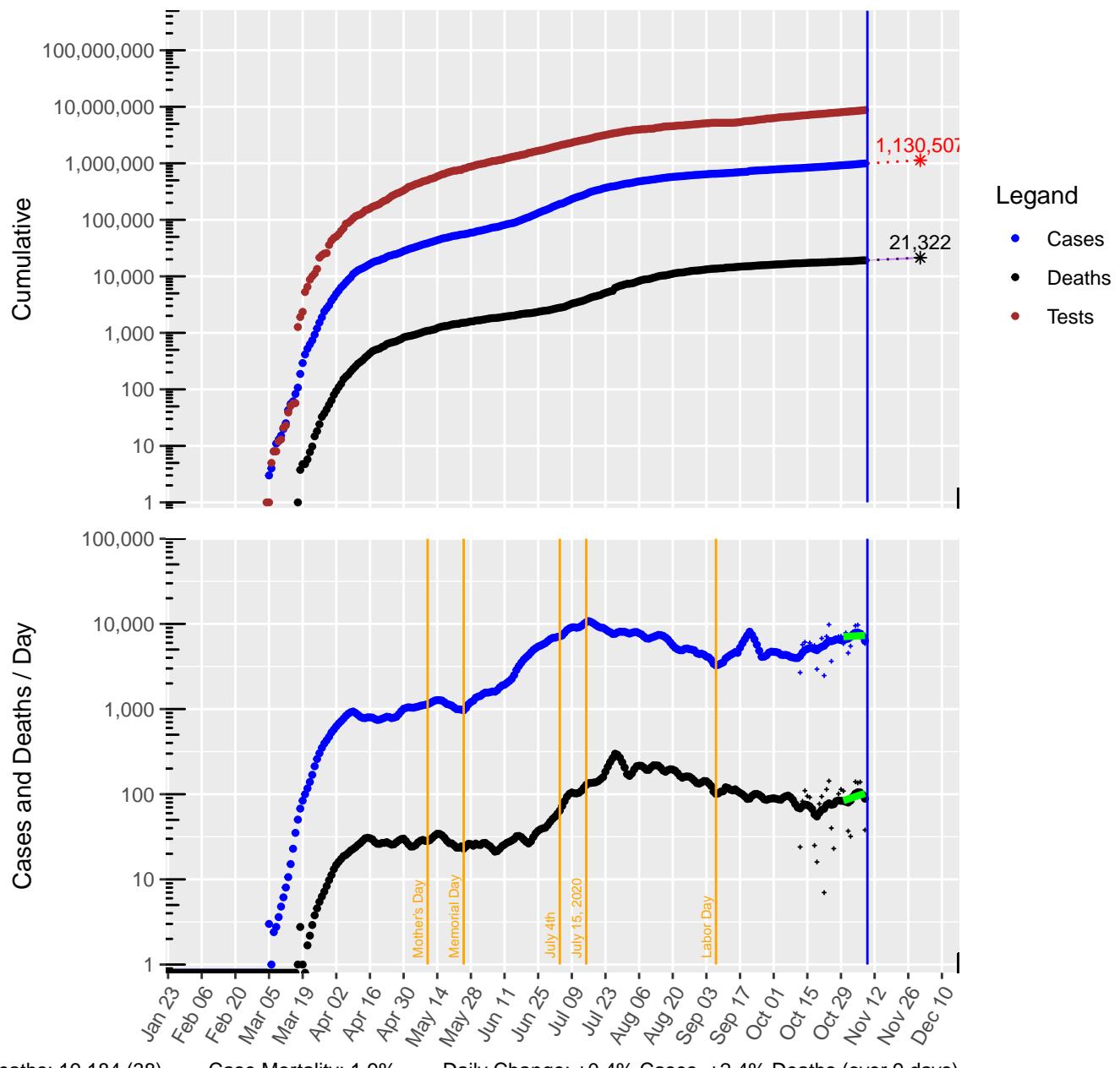


Deaths: 536 (13) --- Case Mortality: 1.0% --- Daily Change: +3.5% Cases, +6.8% Deaths (over 9 days)

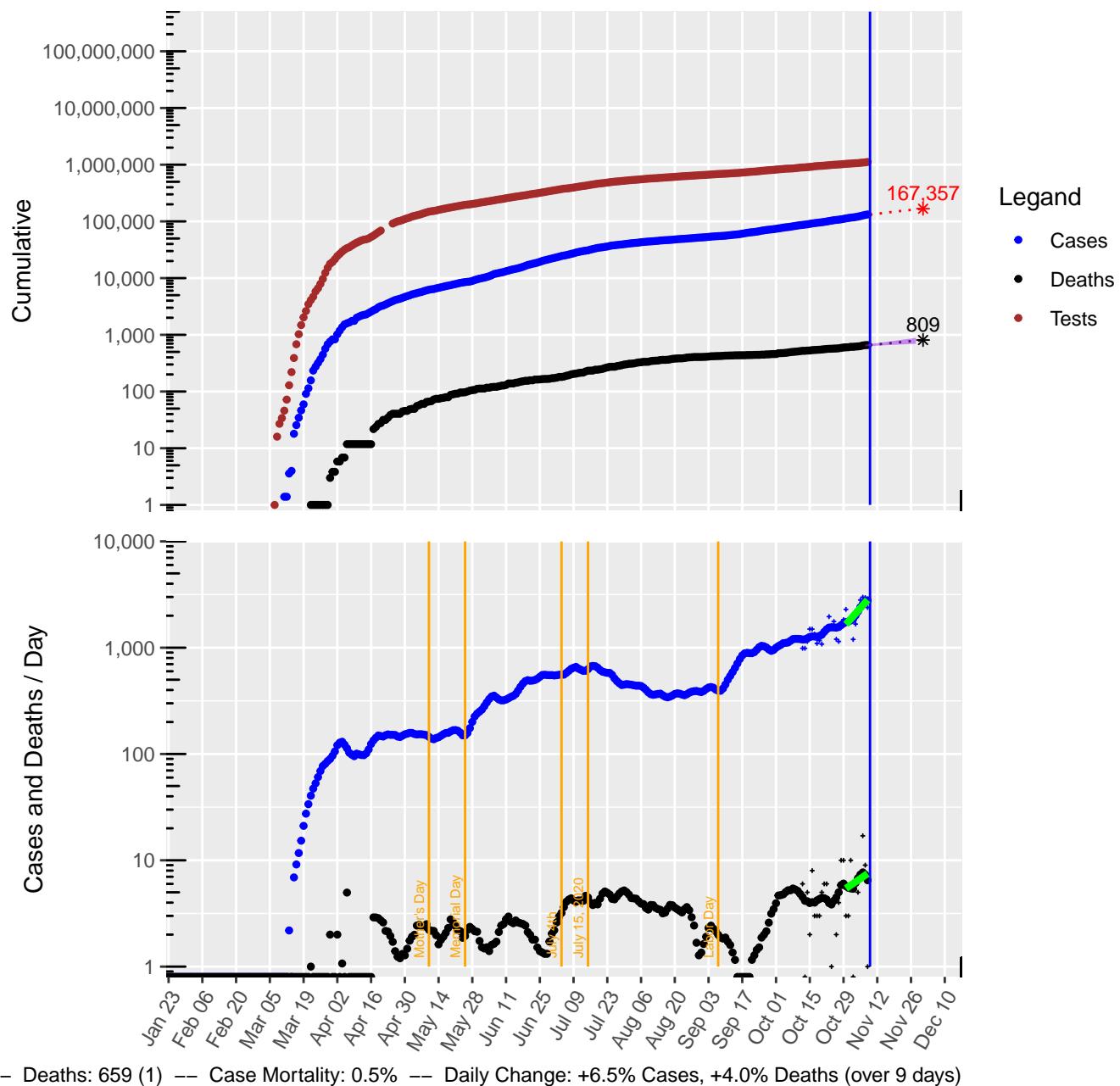
Tennessee projection as of 2020-11-09



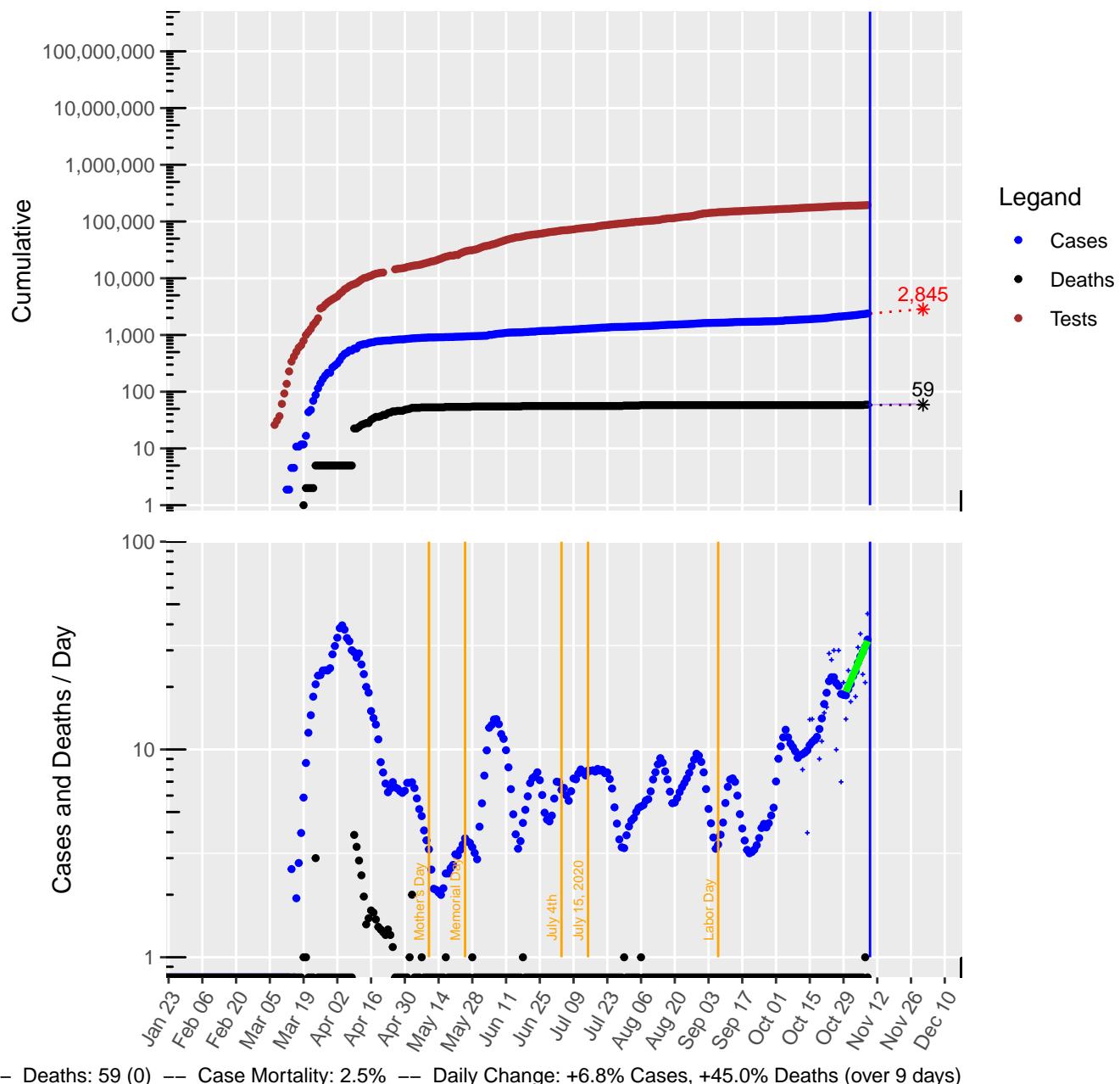
Texas projection as of 2020-11-09



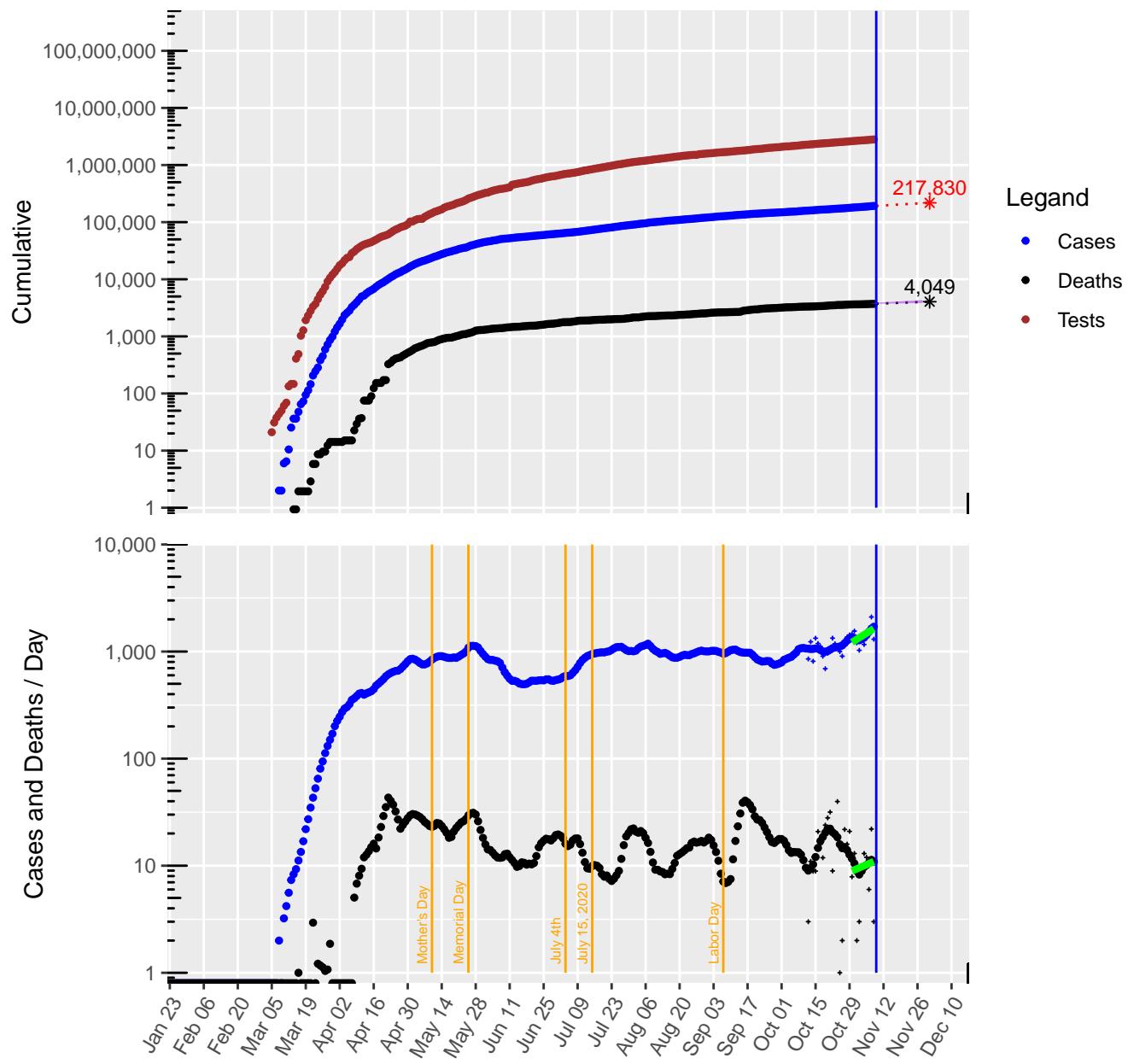
Utah projection as of 2020-11-09



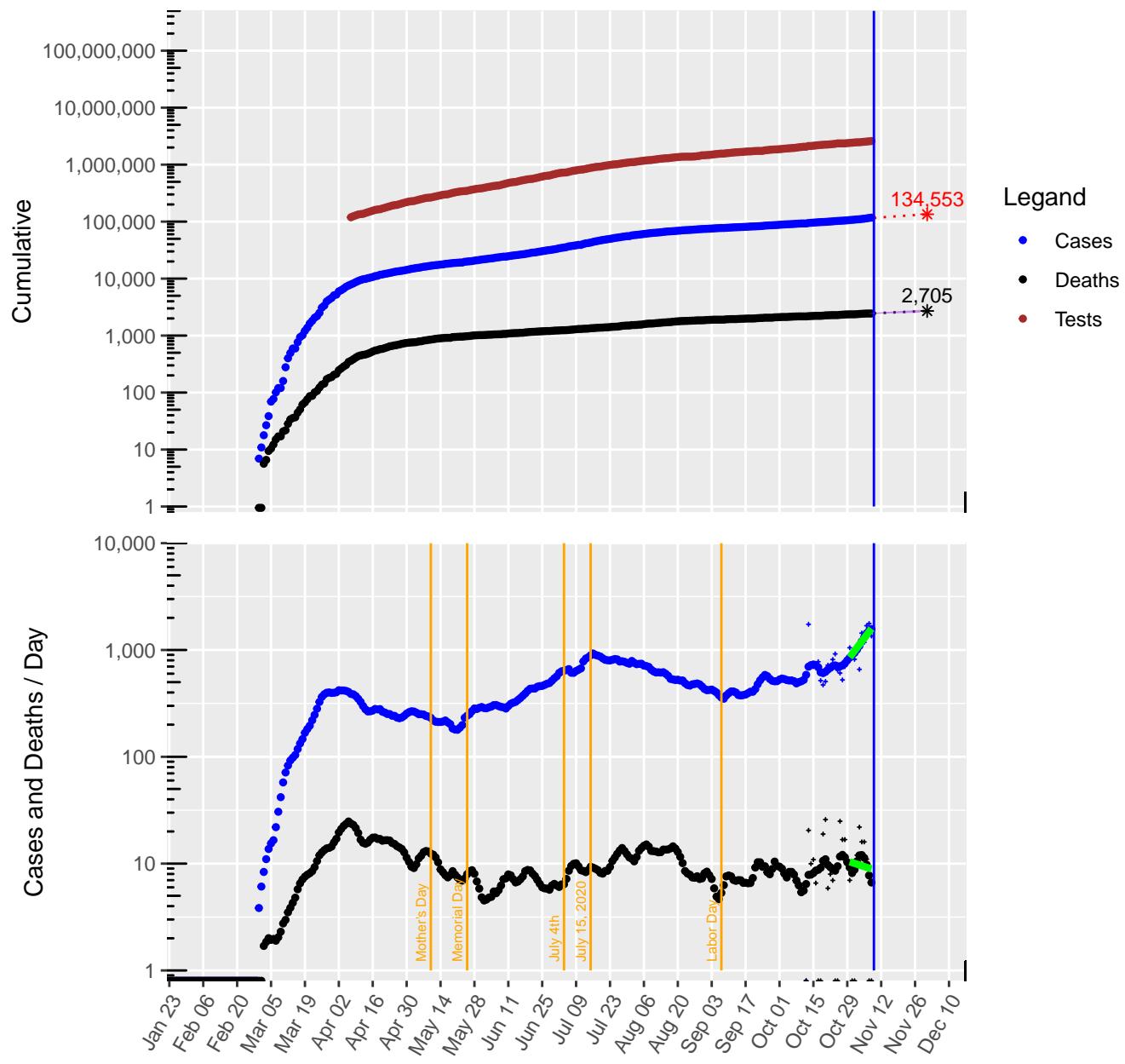
Vermont projection as of 2020-11-09



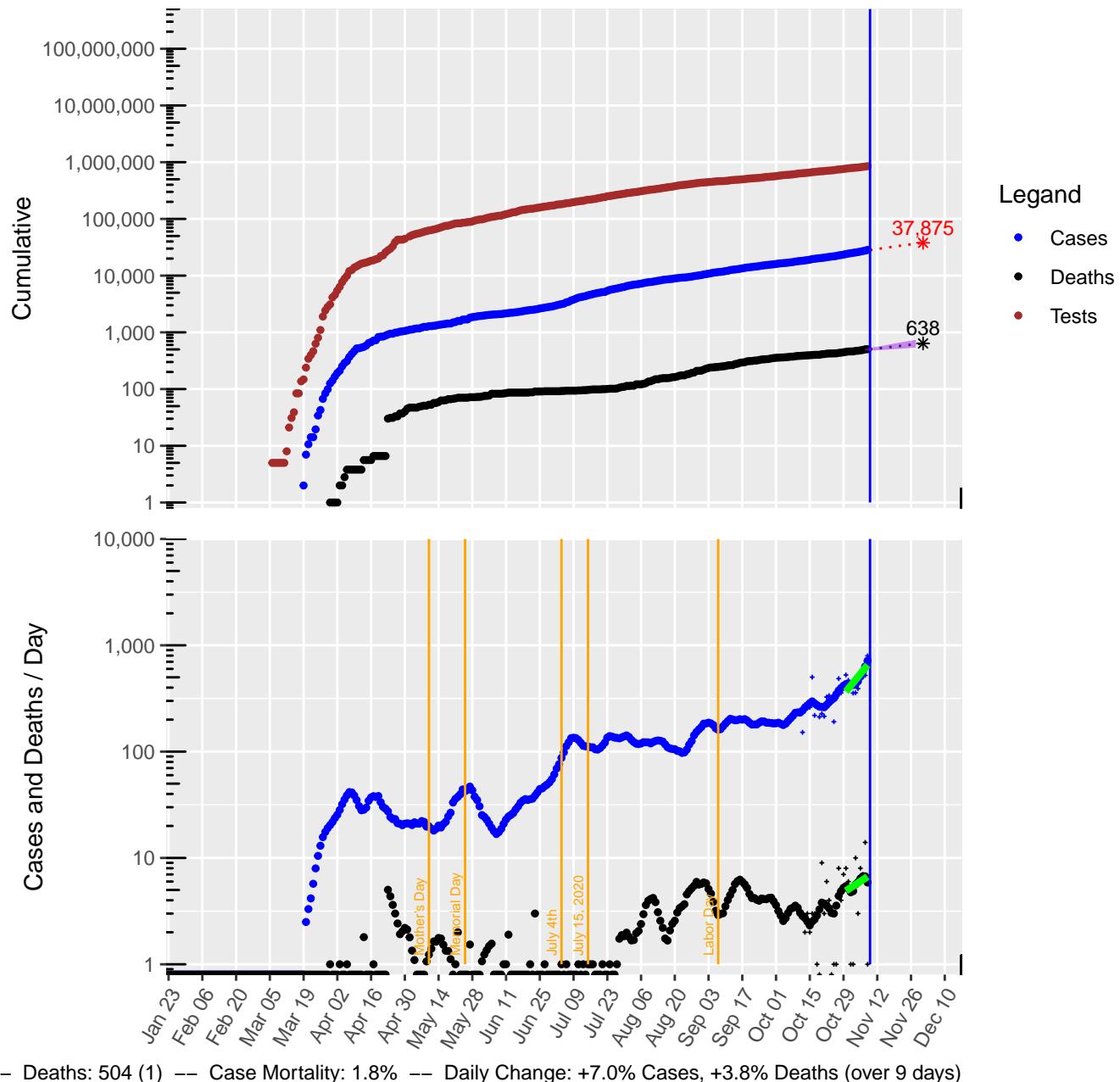
Virginia projection as of 2020-11-09



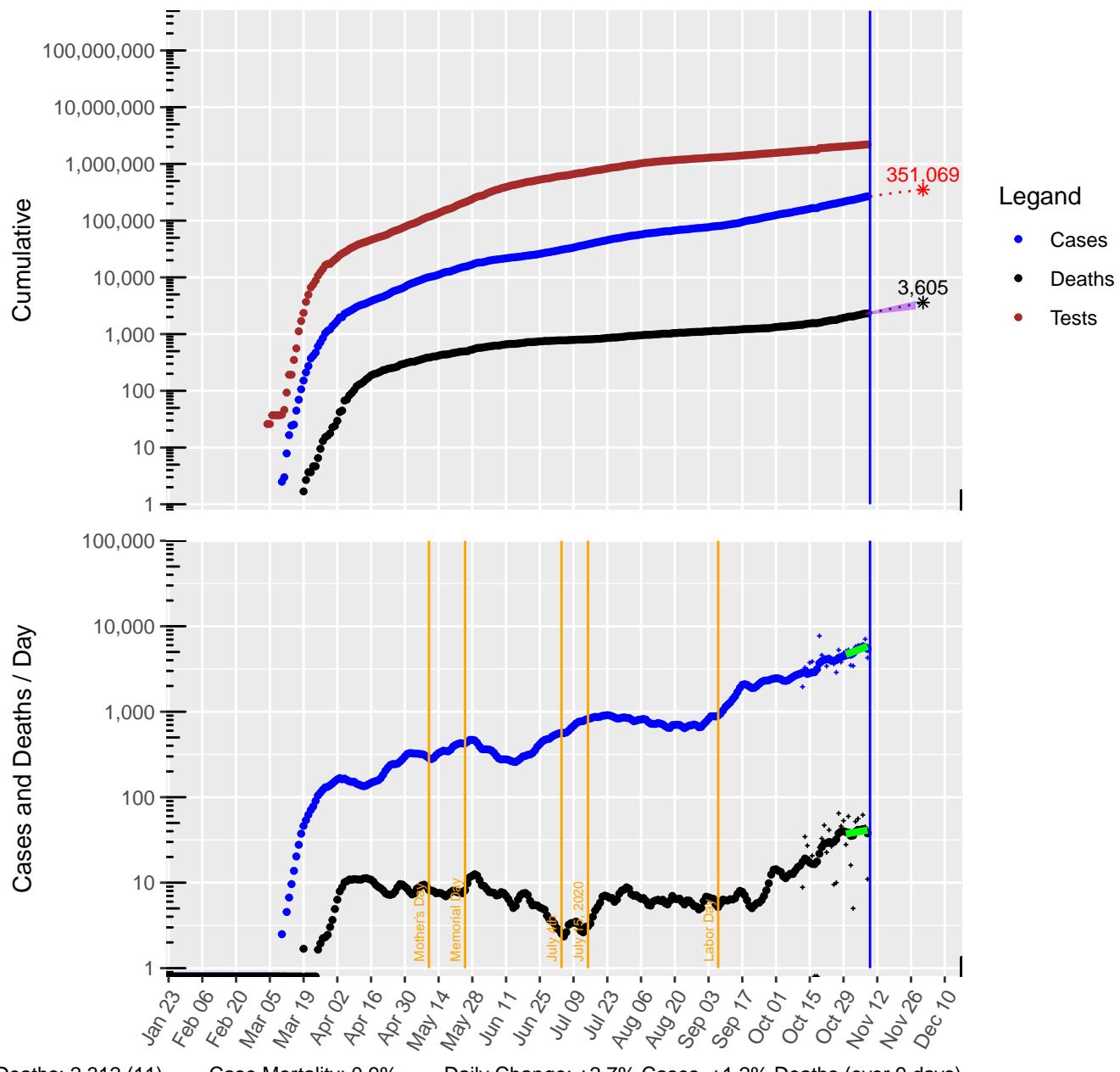
Washington projection as of 2020-11-09



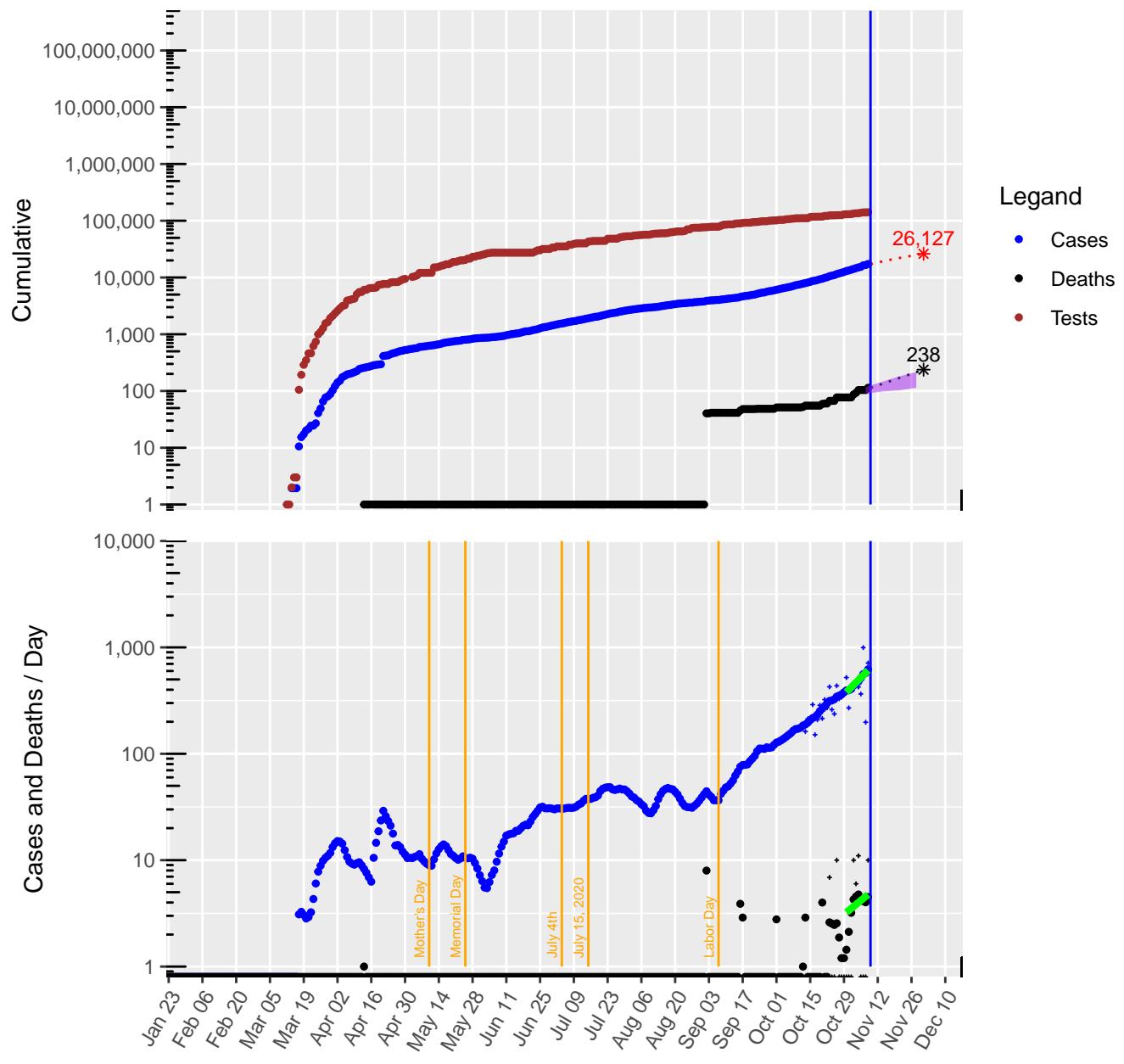
West Virginia projection as of 2020-11-09



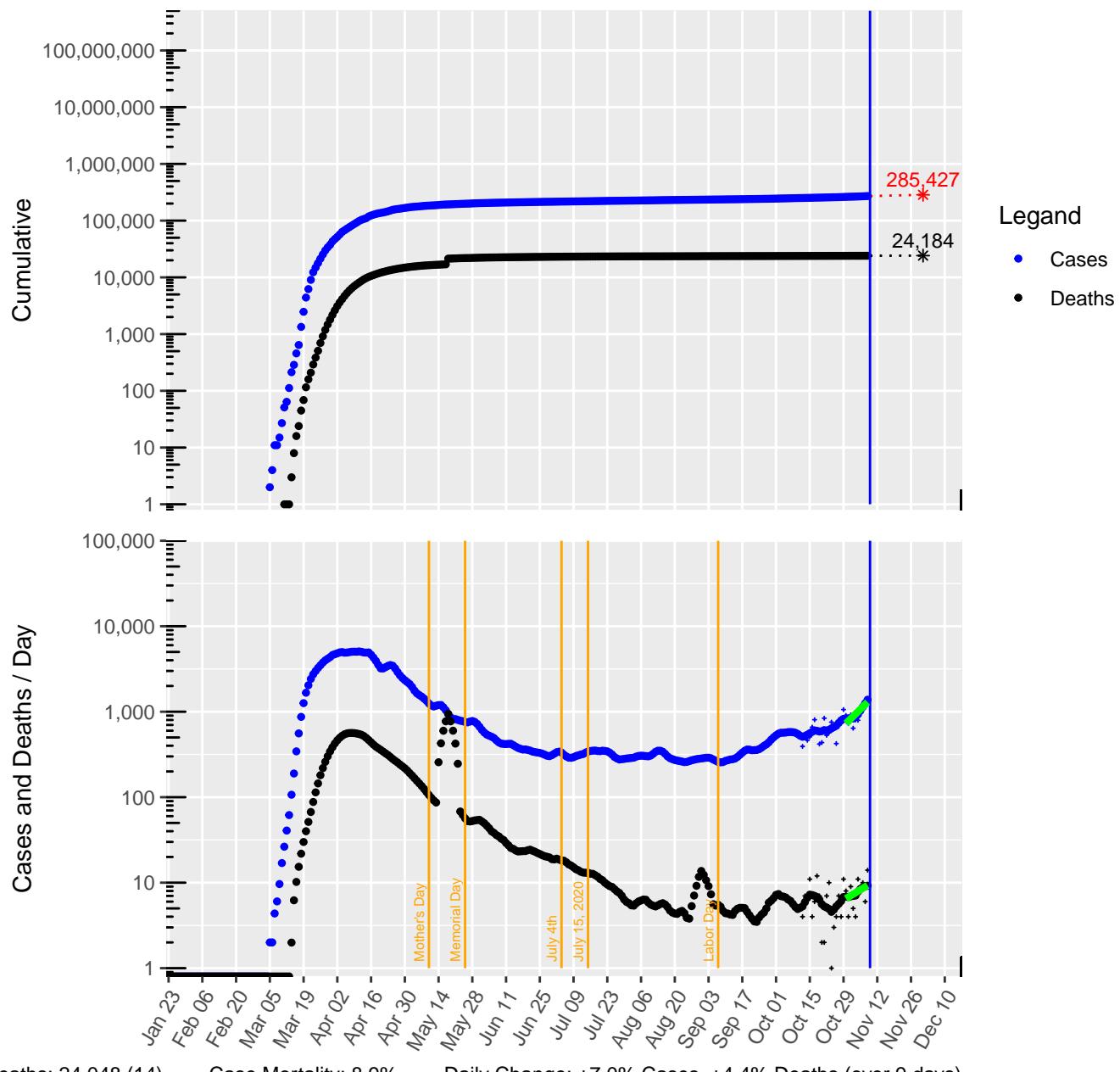
Wisconsin projection as of 2020-11-09



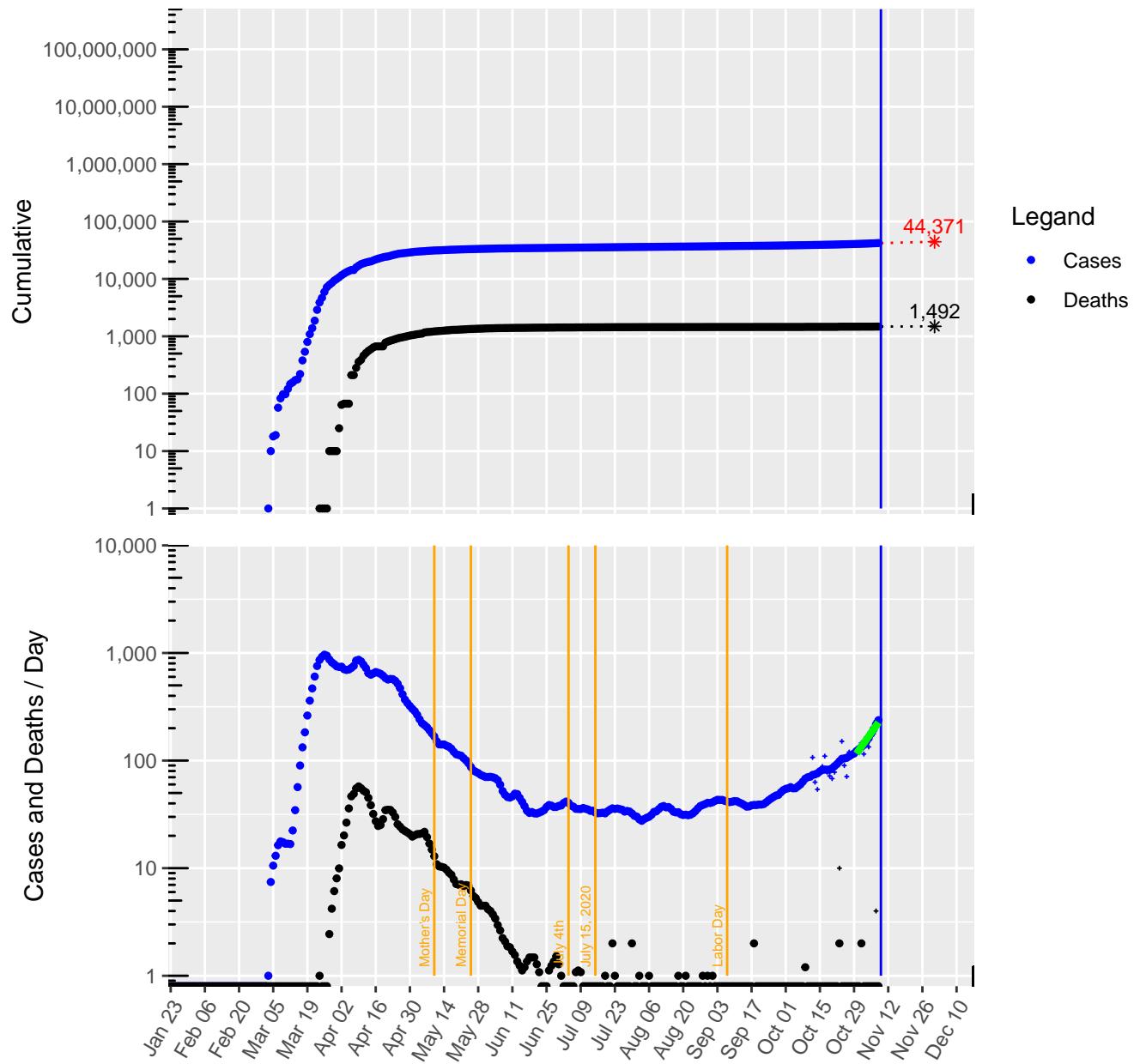
Wyoming projection as of 2020-11-09



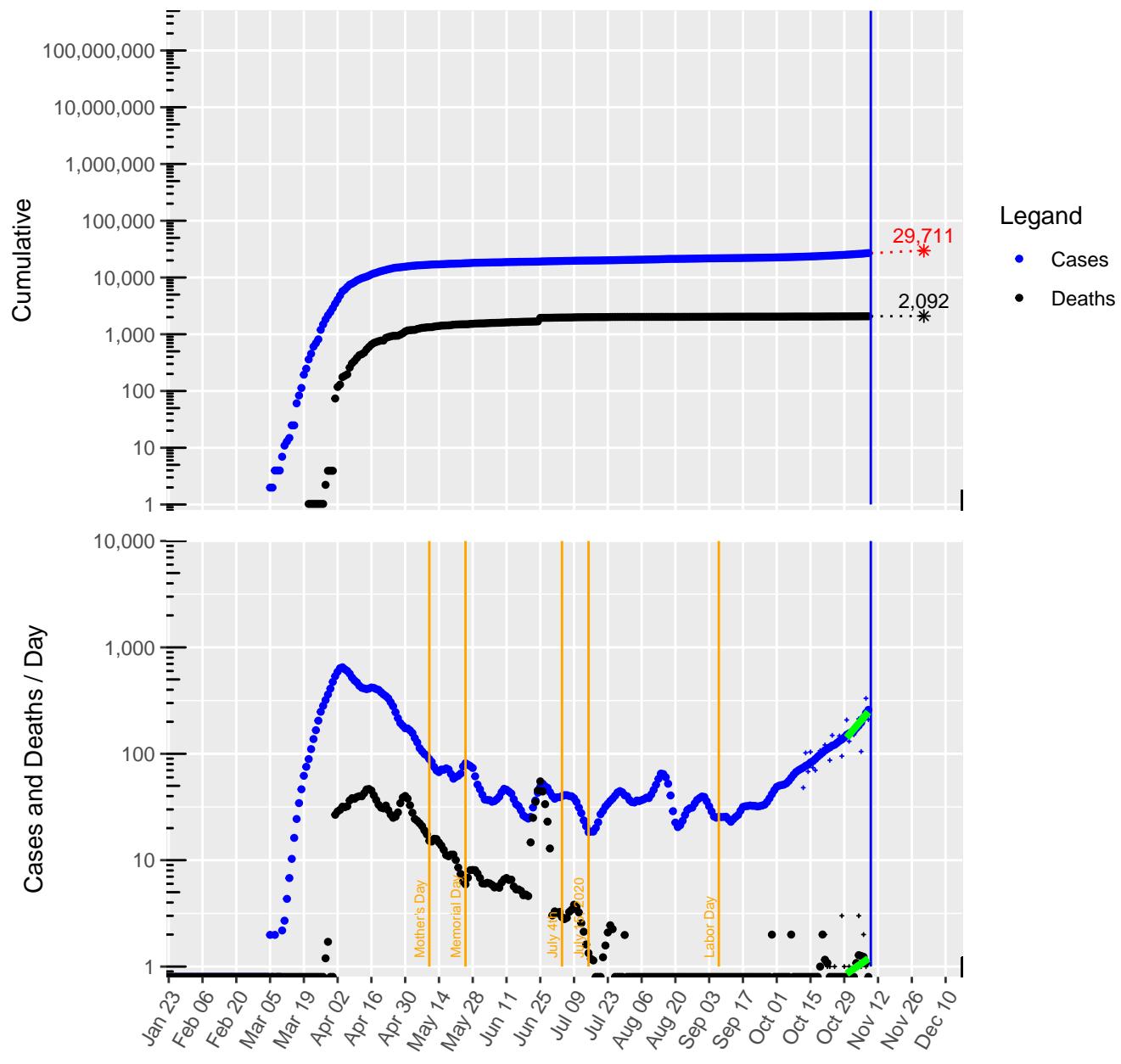
New York City projection as of 2020-11-09



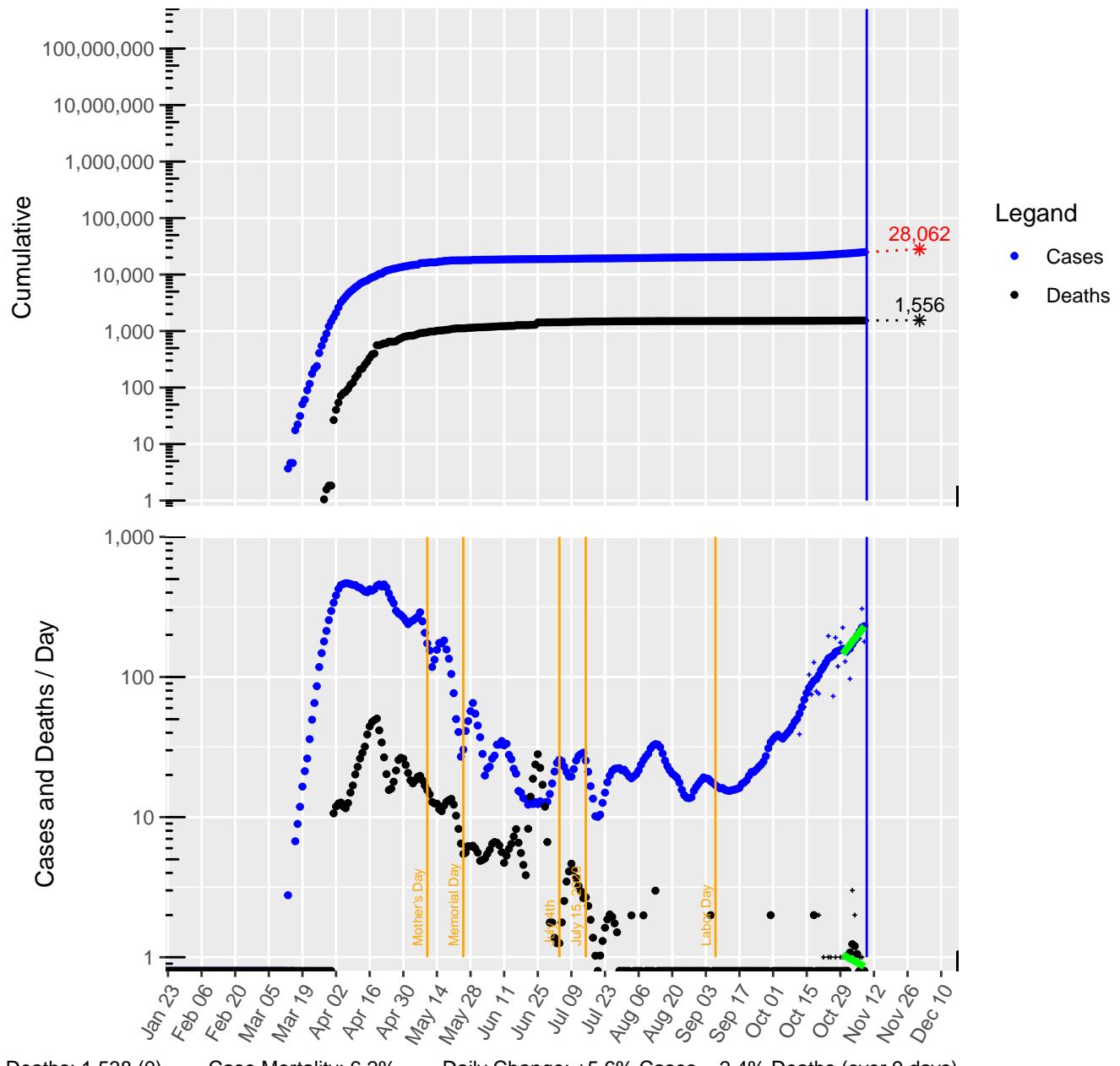
Westchester County, NY projection as of 2020-11-09



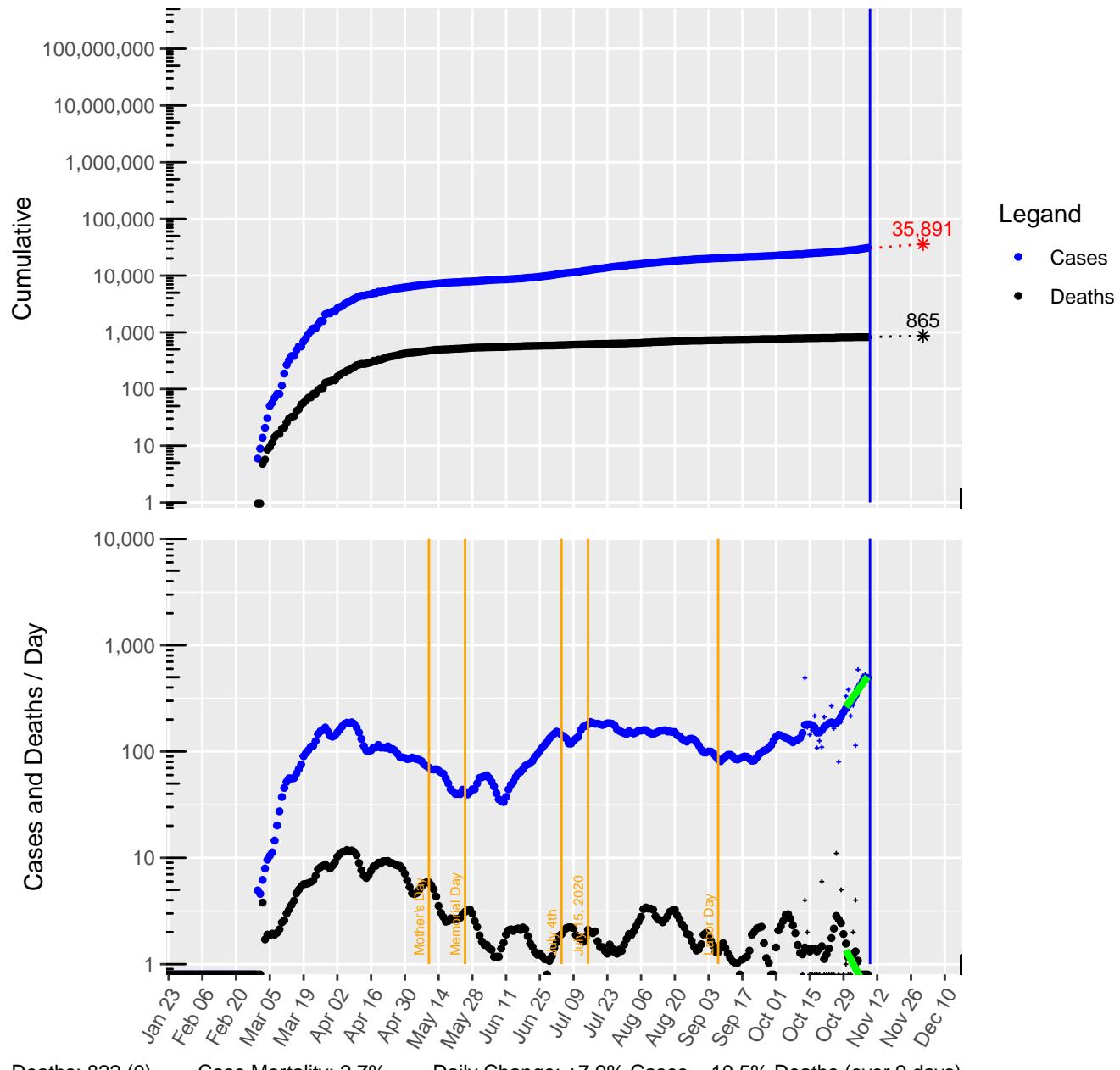
Bergen County, NJ projection as of 2020-11-09



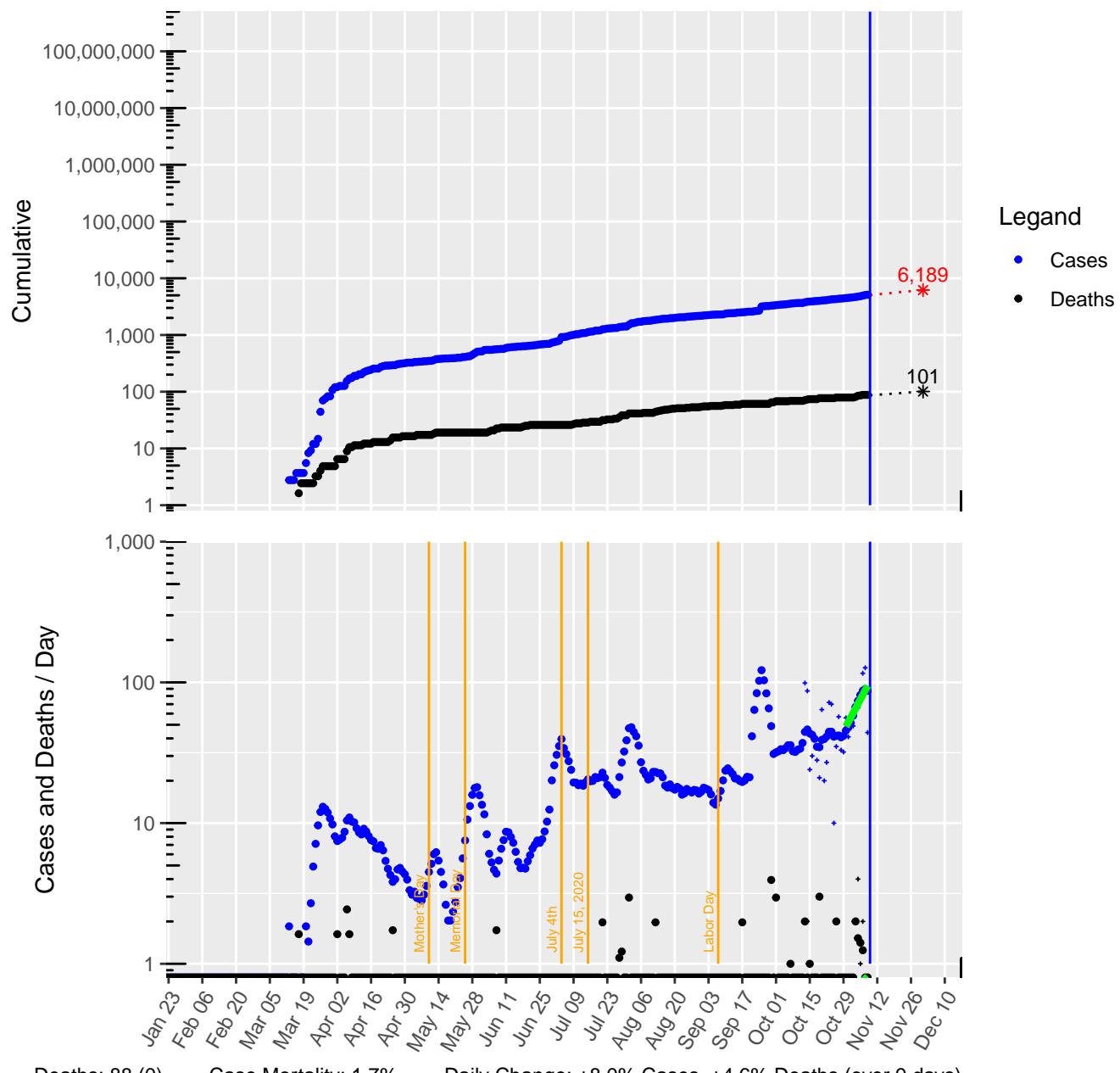
Hudson County, NJ projection as of 2020-11-09



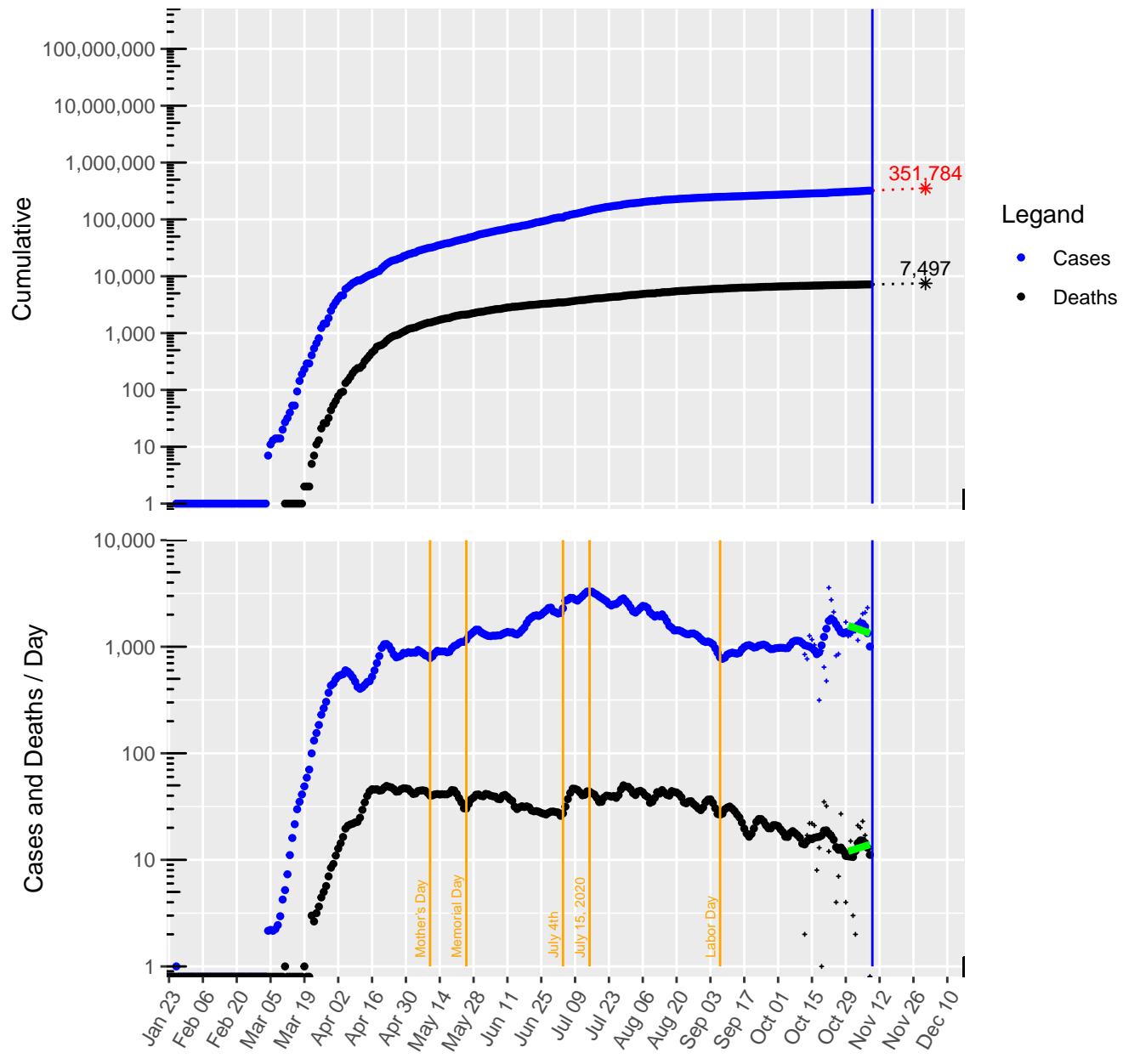
King County (Seattle) projection as of 2020-11-09



Clark County, Washington projection as of 2020-11-09

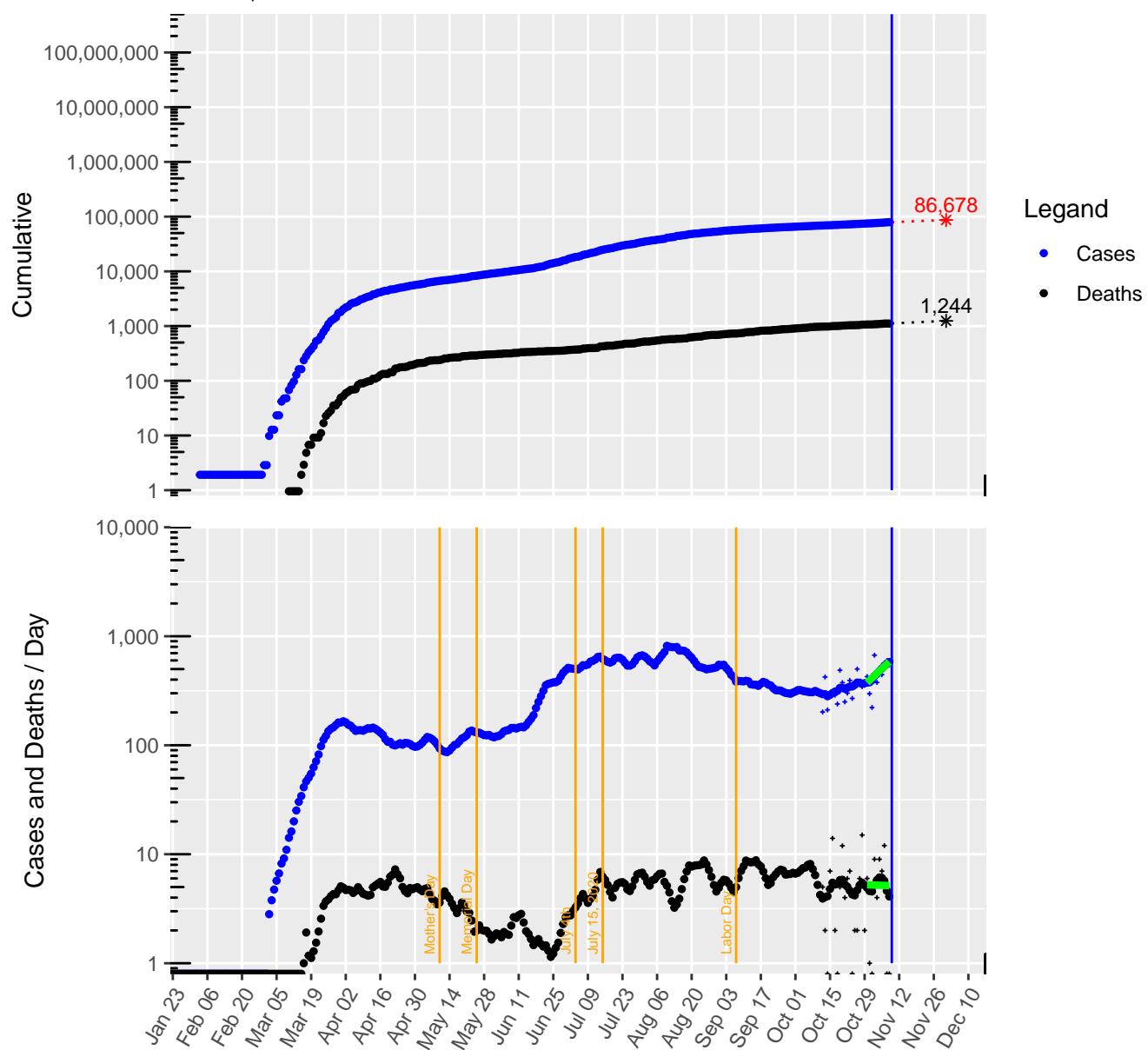


Los Angeles projection as of 2020-11-09



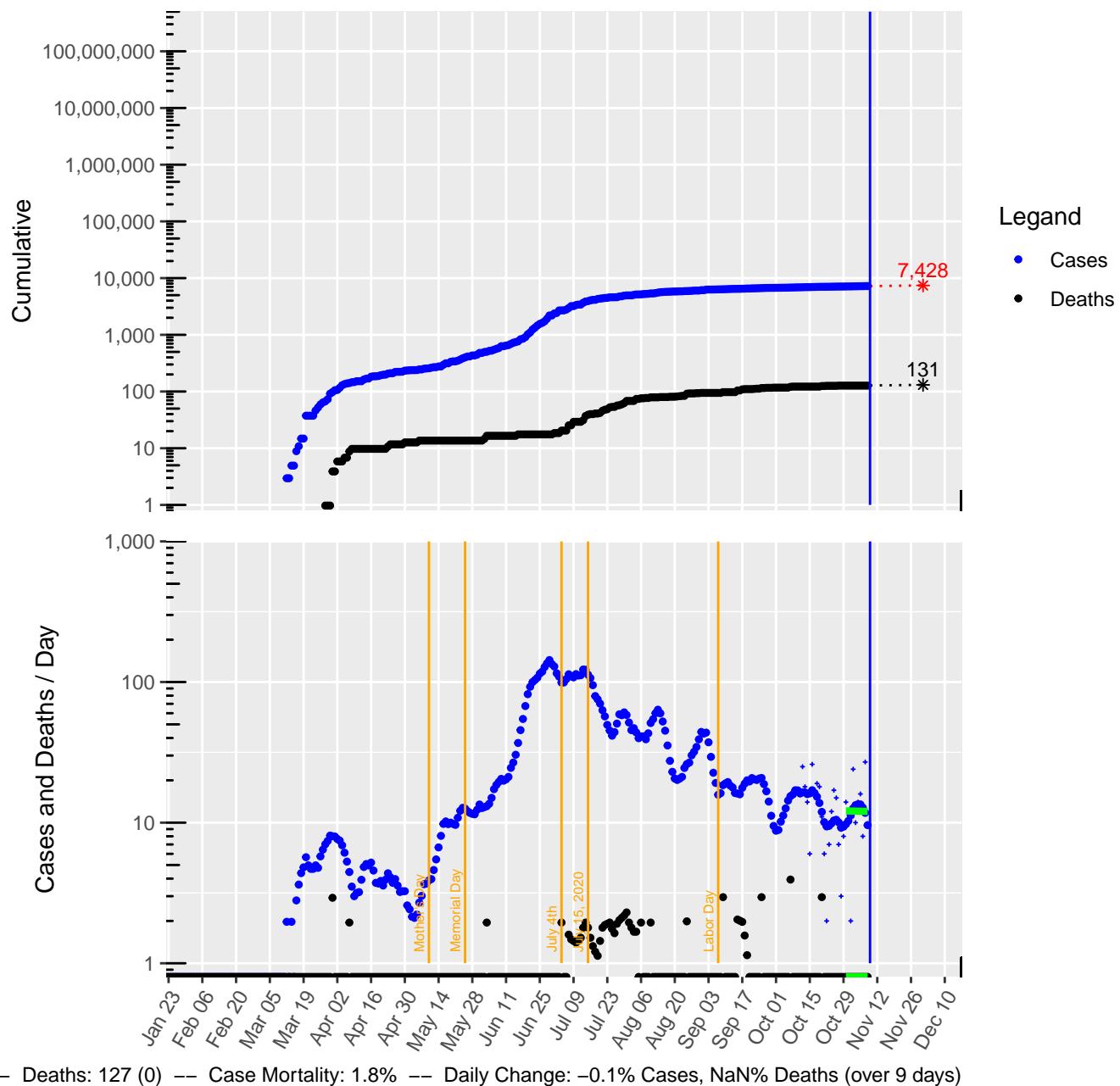
Bay Area projection as of 2020-11-09

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

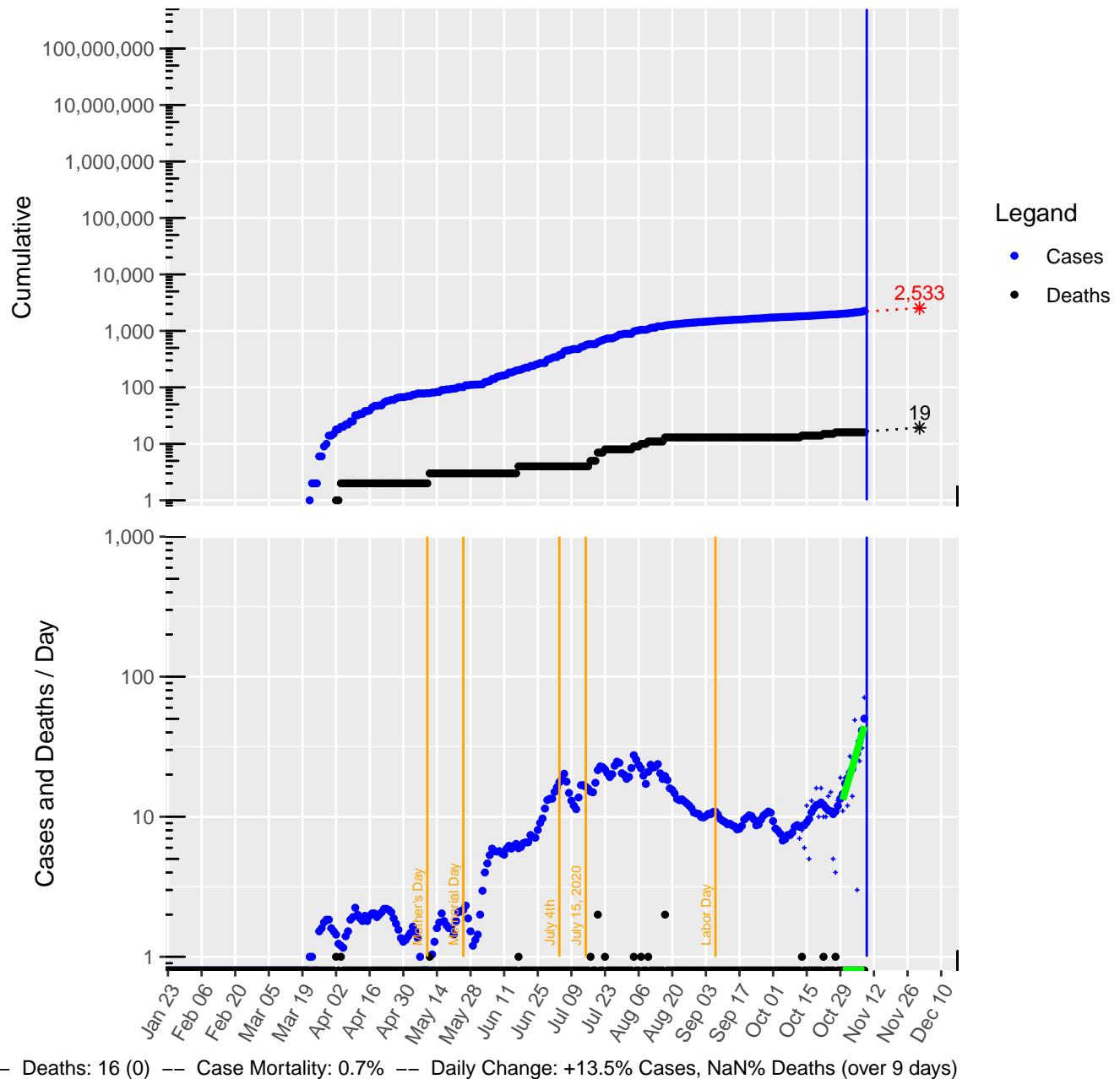


Deaths: 1,111 (0) --- Case Mortality: 1.4% --- Daily Change: +5.4% Cases, -0.2% Deaths (over 9 days)

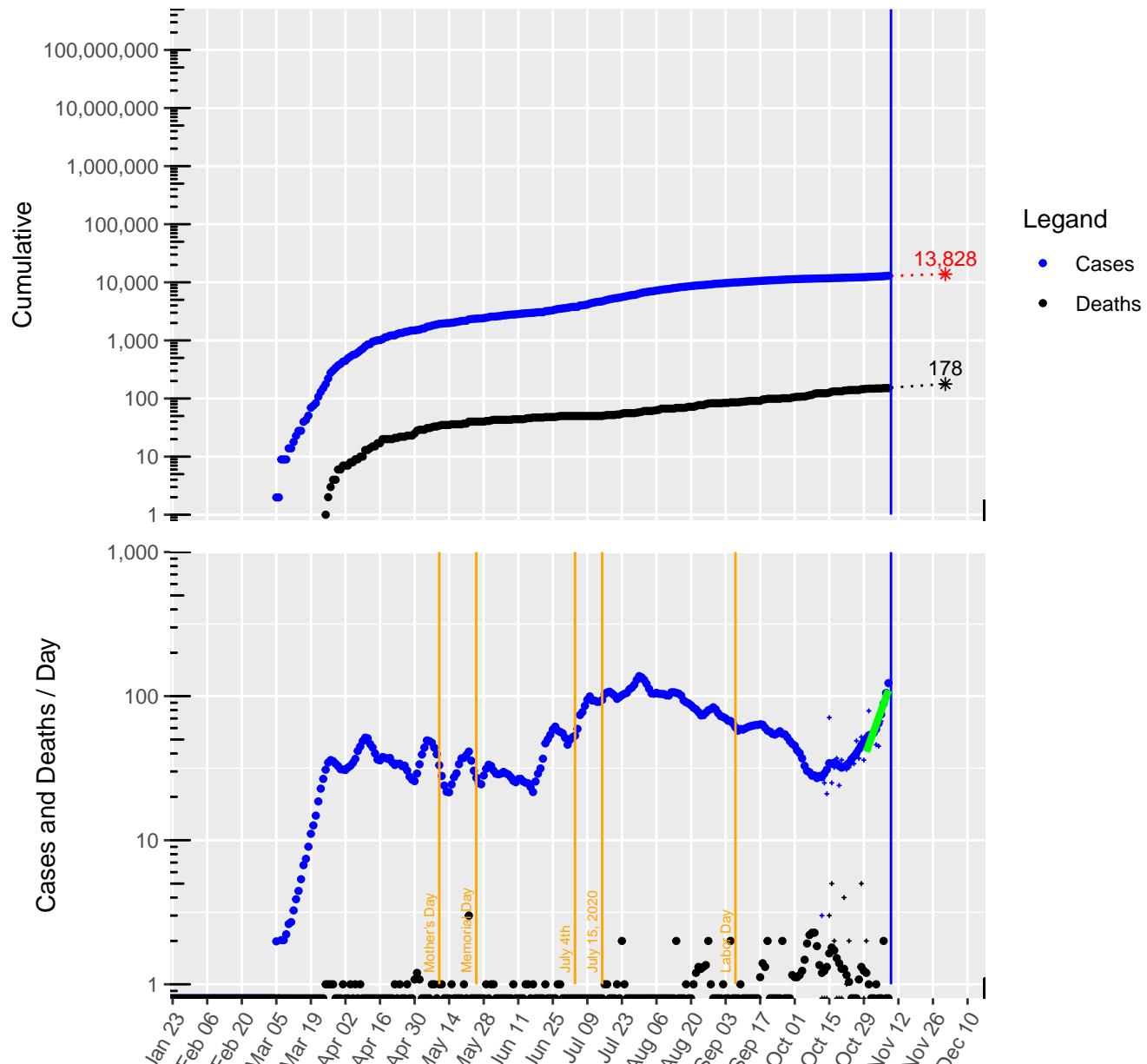
Marin County, California projection as of 2020-11-09



Napa County, California projection as of 2020-11-09

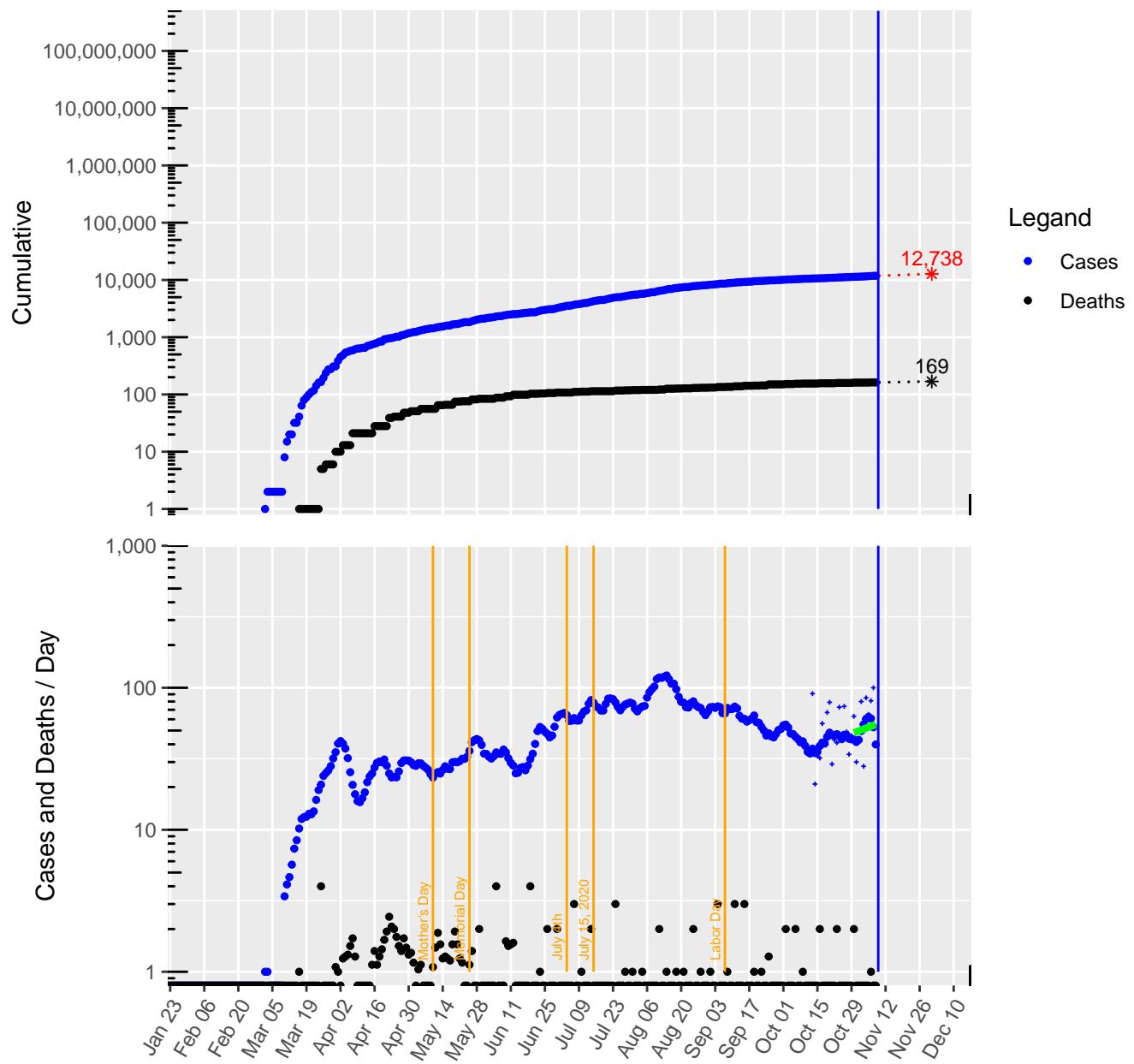


San Francisco projection as of 2020-11-09

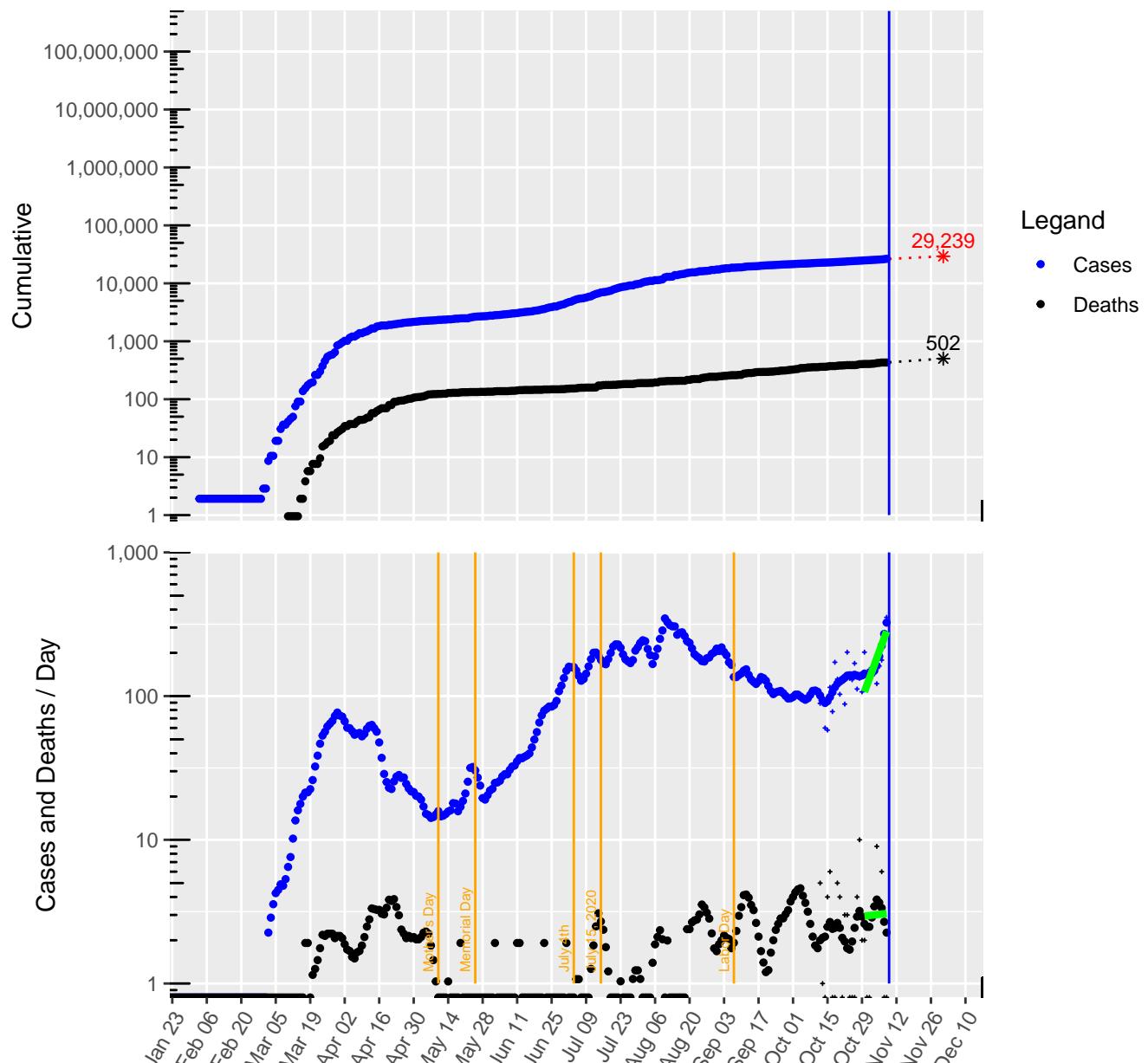


Deaths: 151 (0) — Case Mortality: 1.2% — Daily Change: +11.4% Cases, -3.8% Deaths (over 9 days)

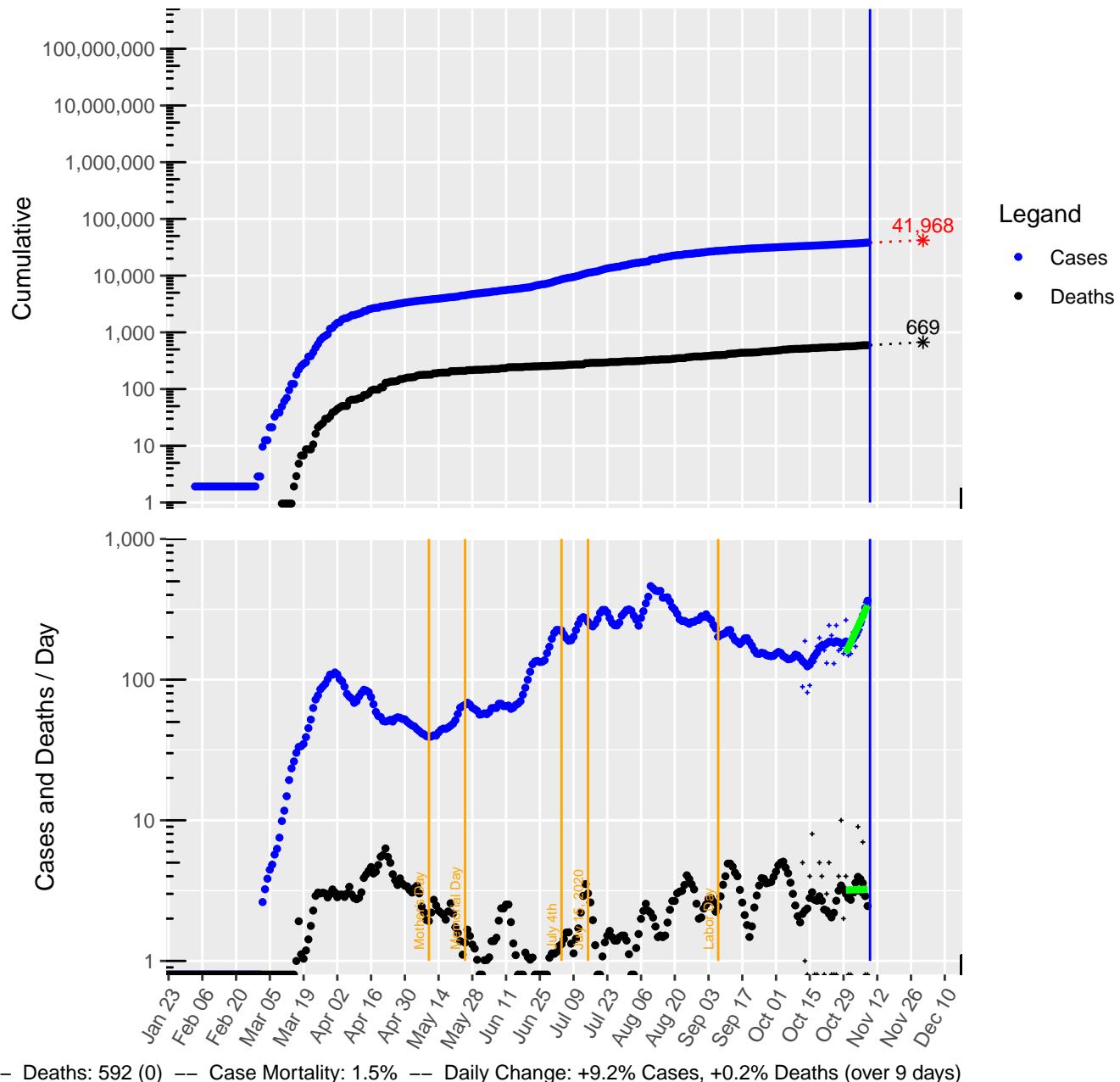
San Mateo County, California projection as of 2020-11-09



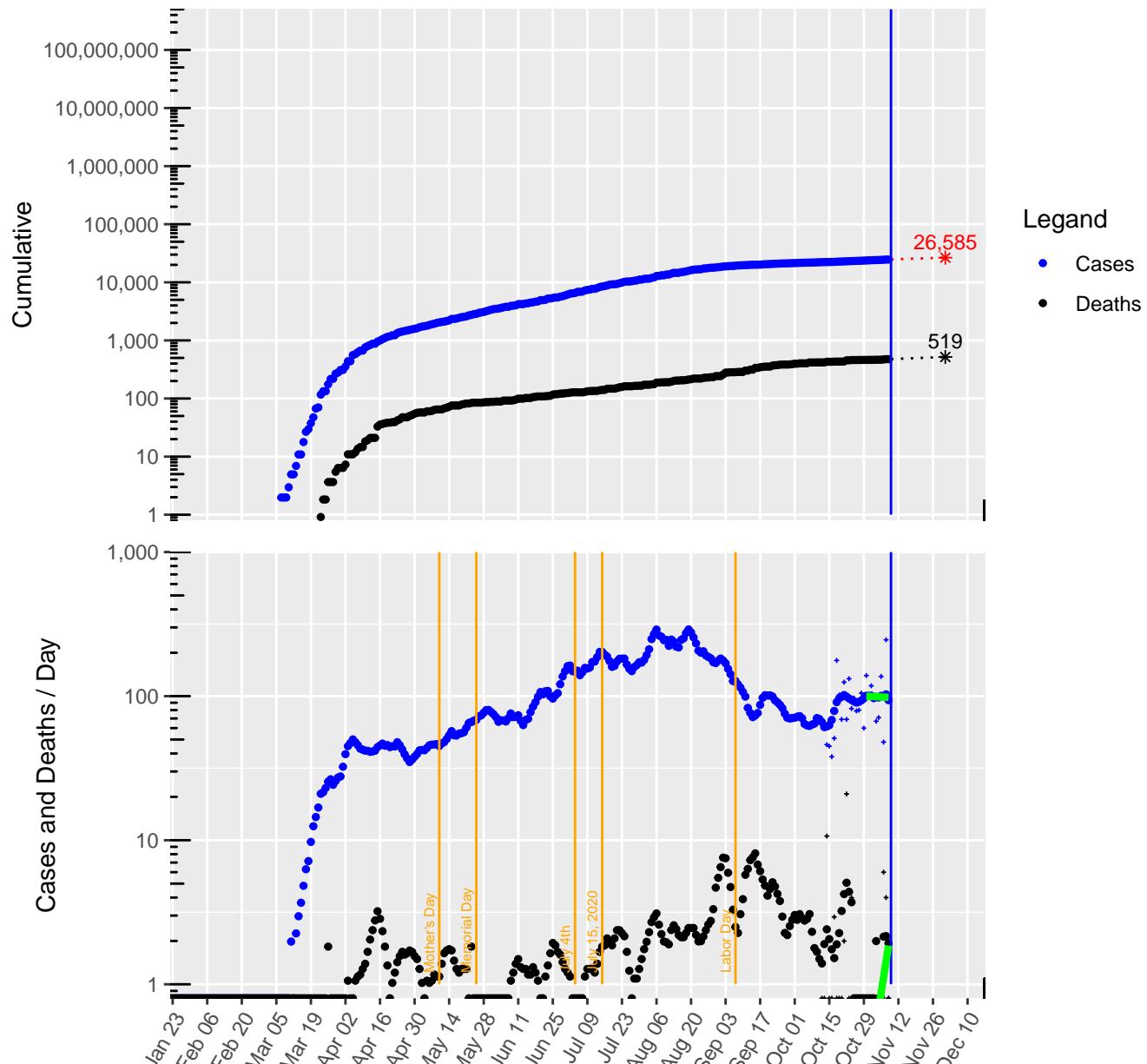
Santa Clara County, California projection as of 2020-11-09



Santa Clara and San Mateo Counties projection as of 2020-11-09

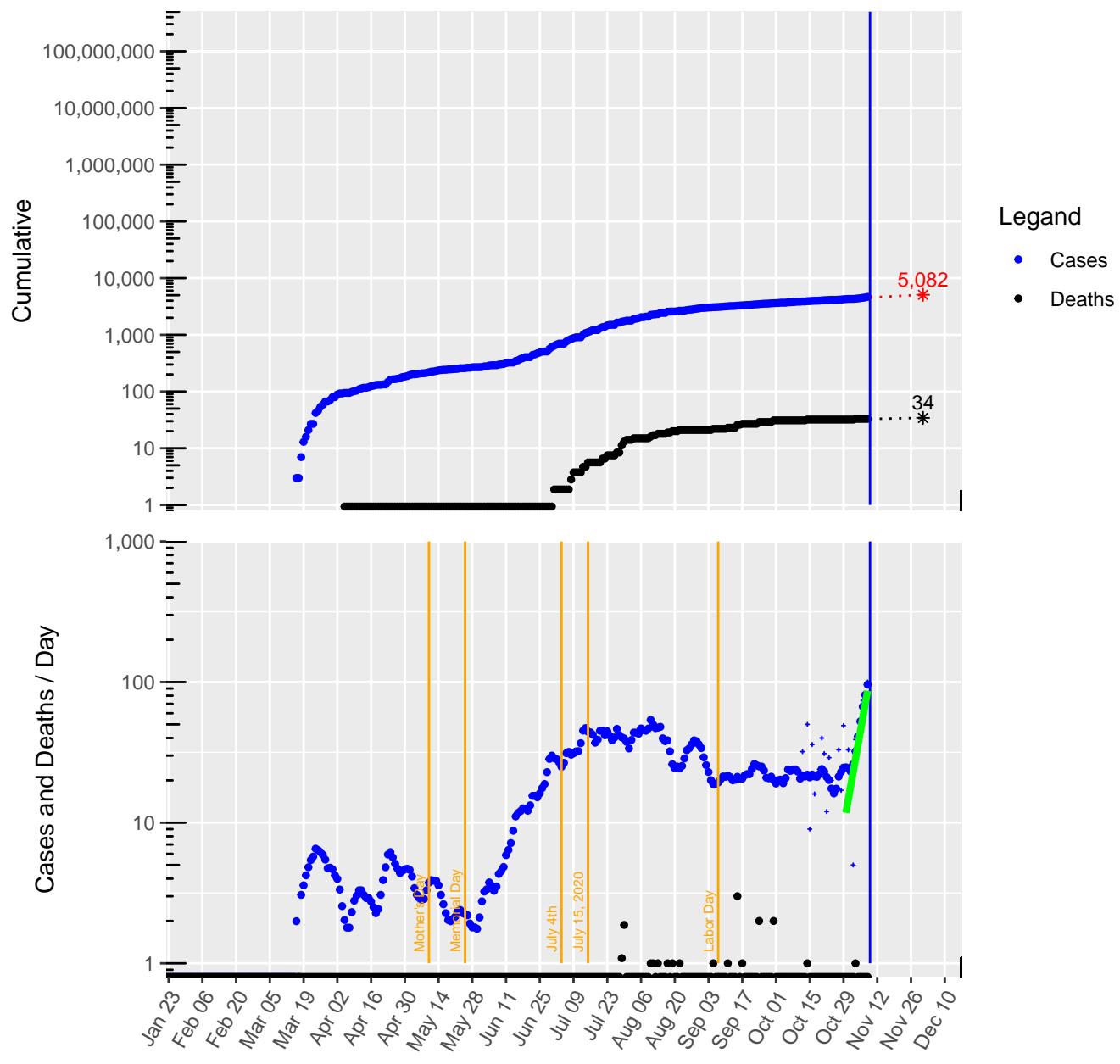


Alameda County, California projection as of 2020-11-09

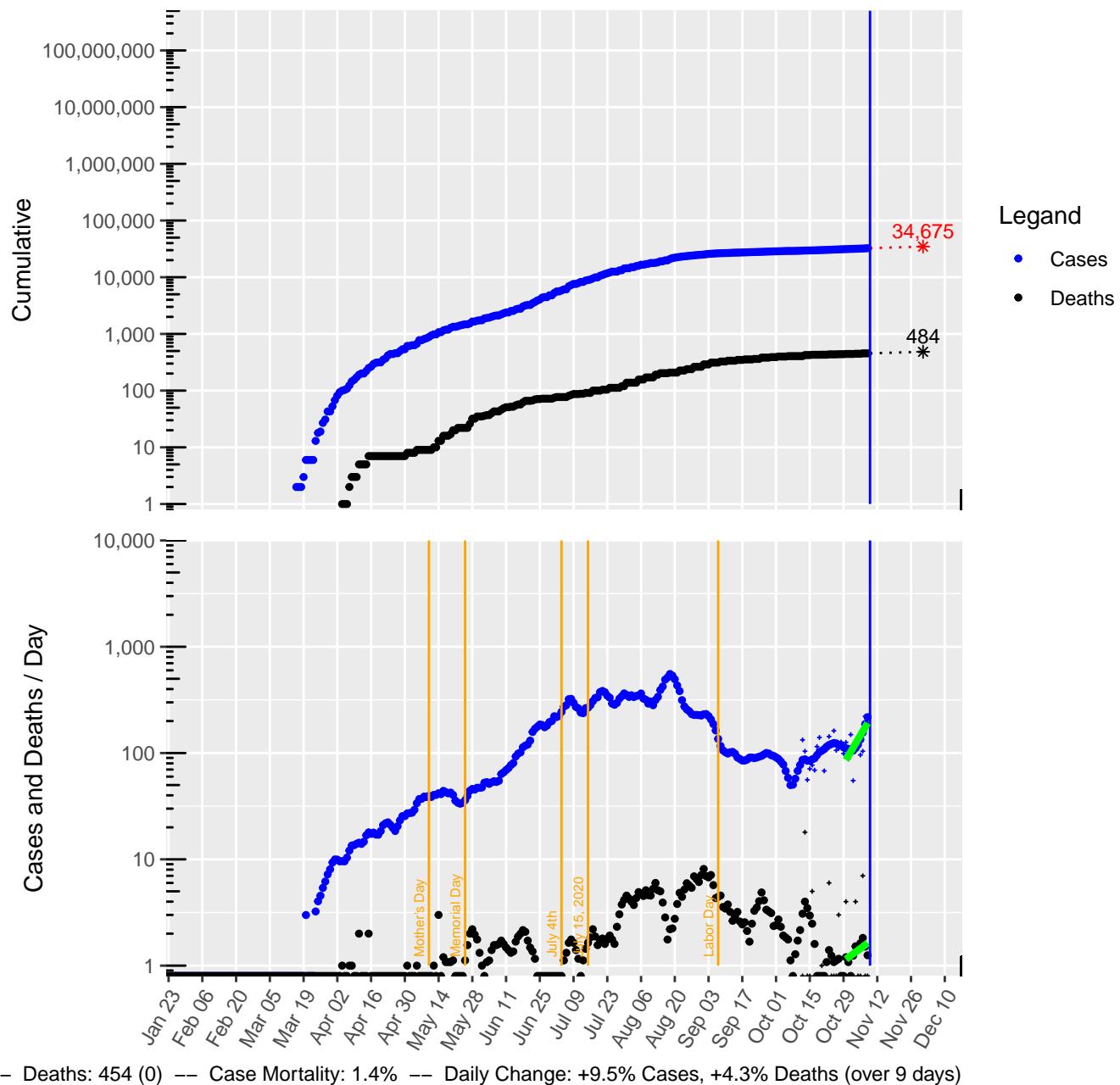


Deaths: 475 (0) --- Case Mortality: 1.9% --- Daily Change: -0.2% Cases, +20.3% Deaths (over 9 days)

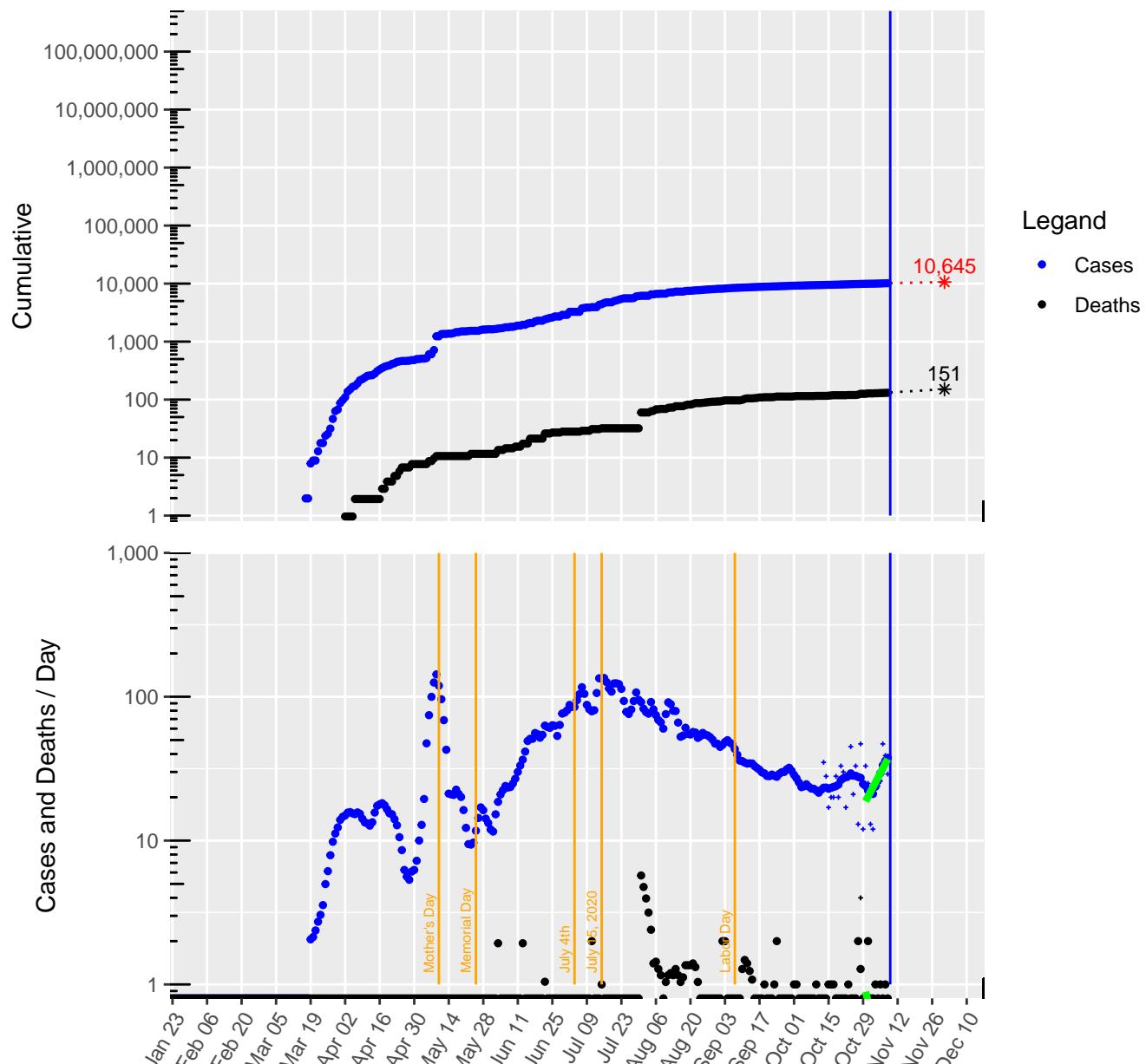
San Luis Obispo, California projection as of 2020-11-09



Fresno, California projection as of 2020-11-09

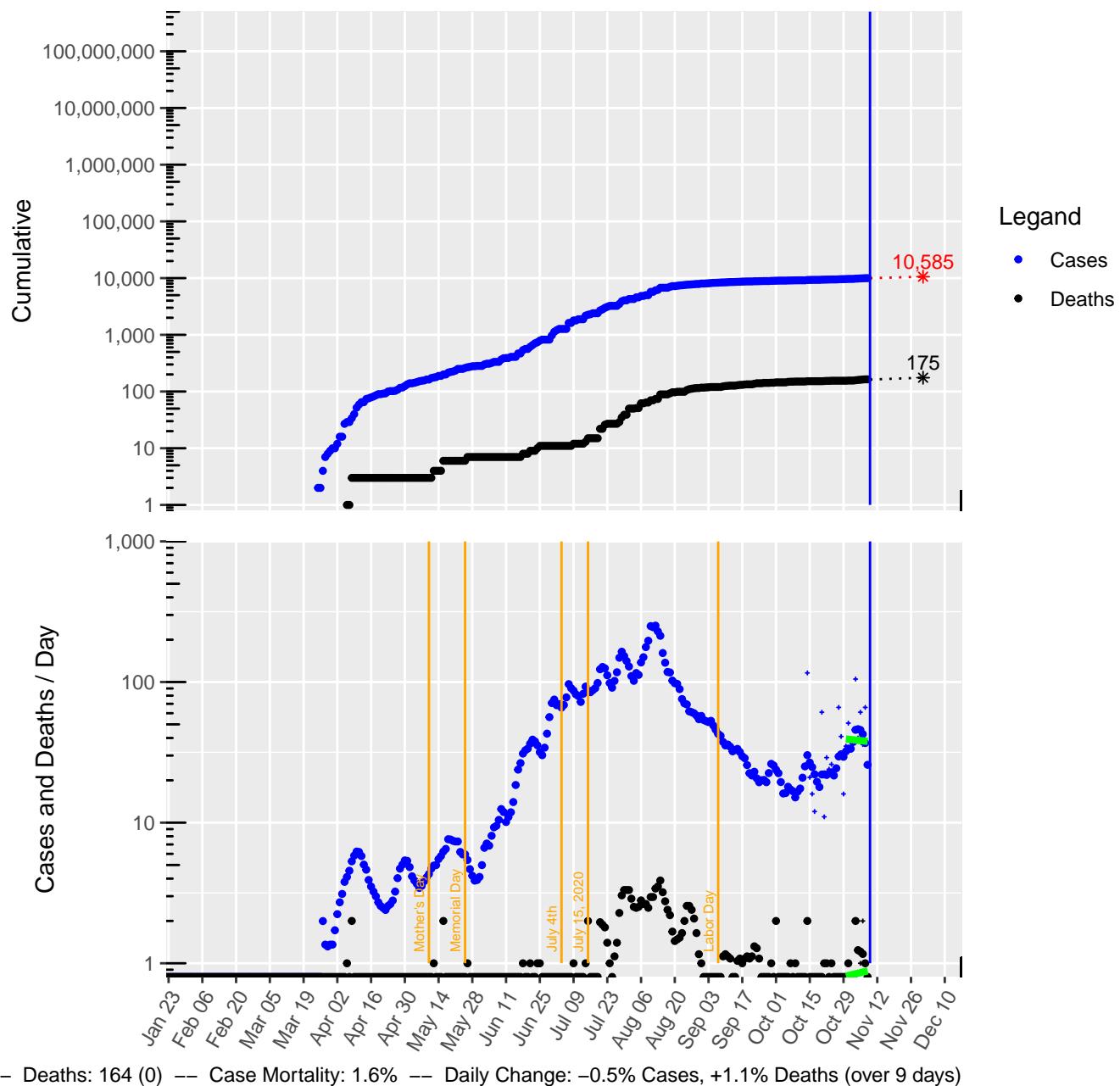


Santa Barbara County, California projection as of 2020-11-09

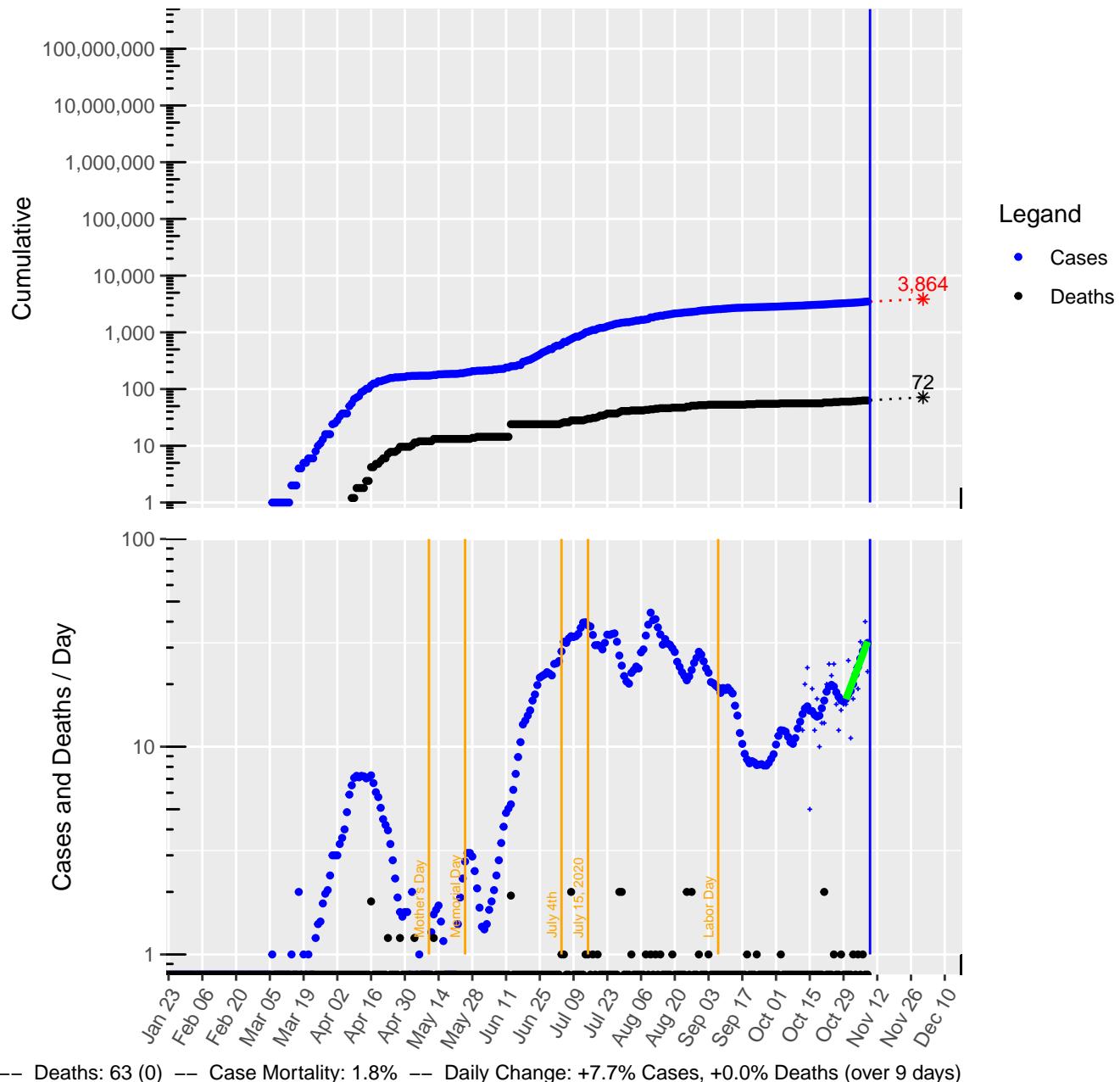


Deaths: 131 (0) — Case Mortality: 1.3% — Daily Change: +8.1% Cases, -15.0% Deaths (over 9 days)

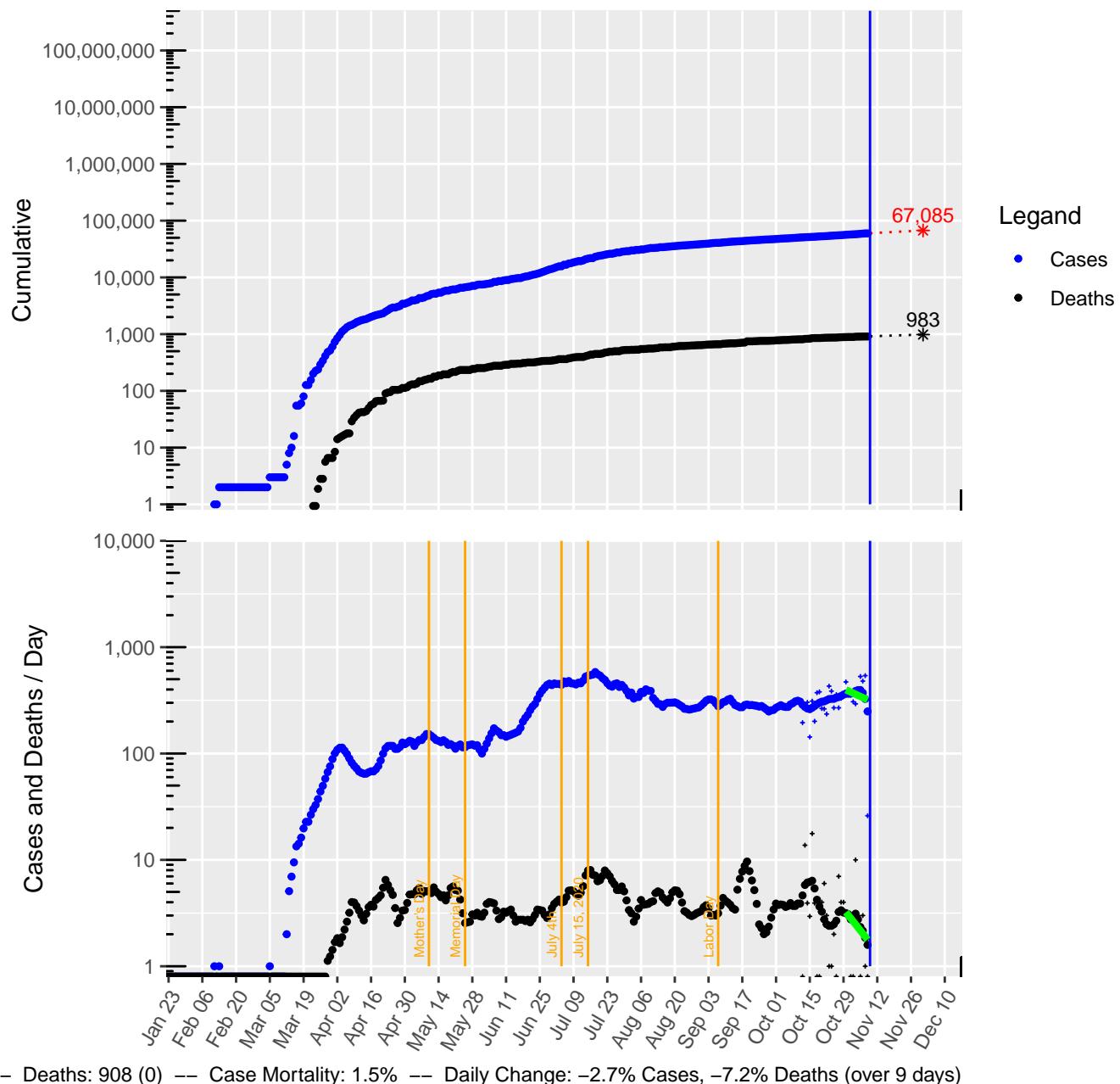
Merced County, California projection as of 2020-11-09



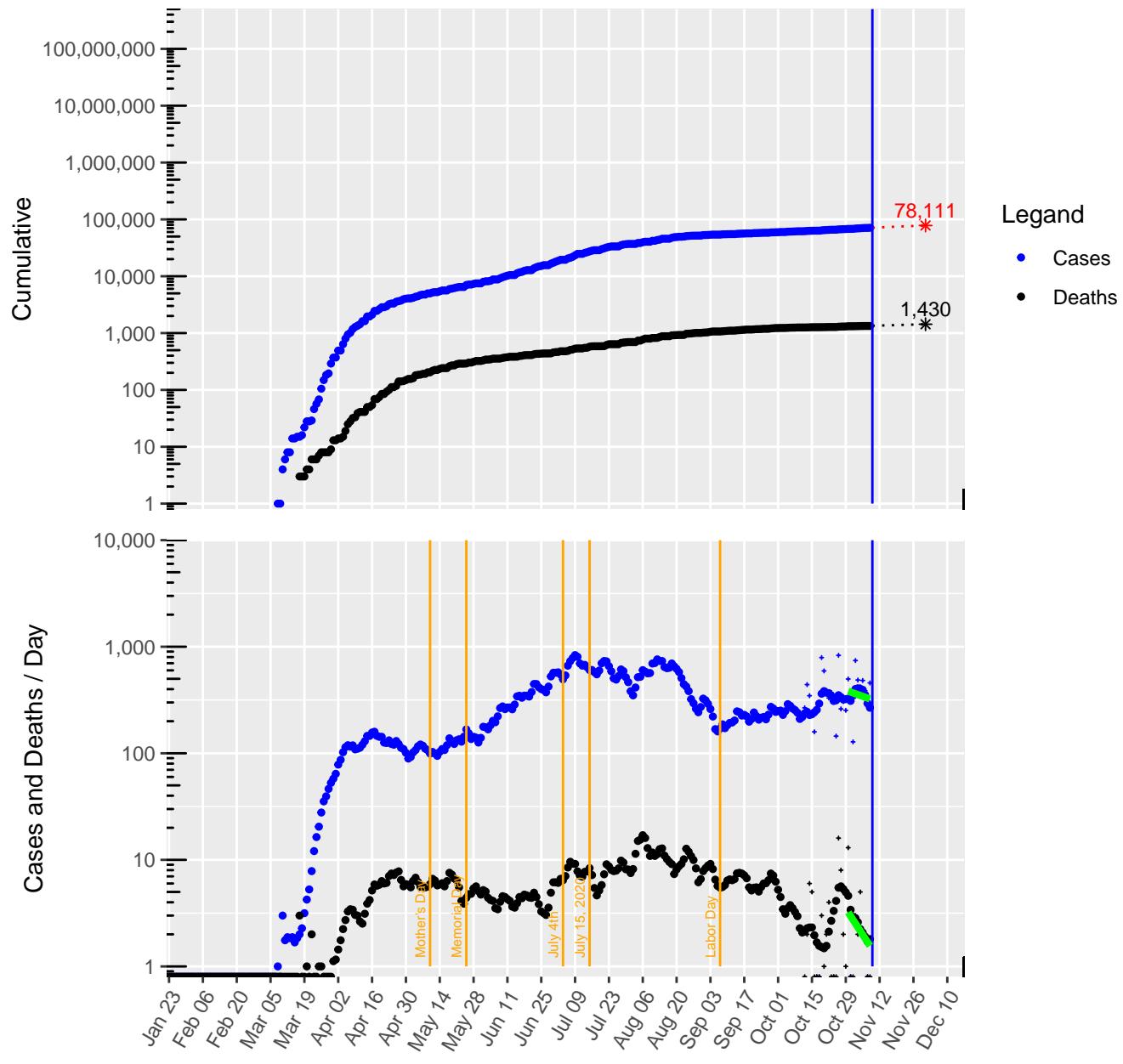
Yolo County, California projection as of 2020-11-09



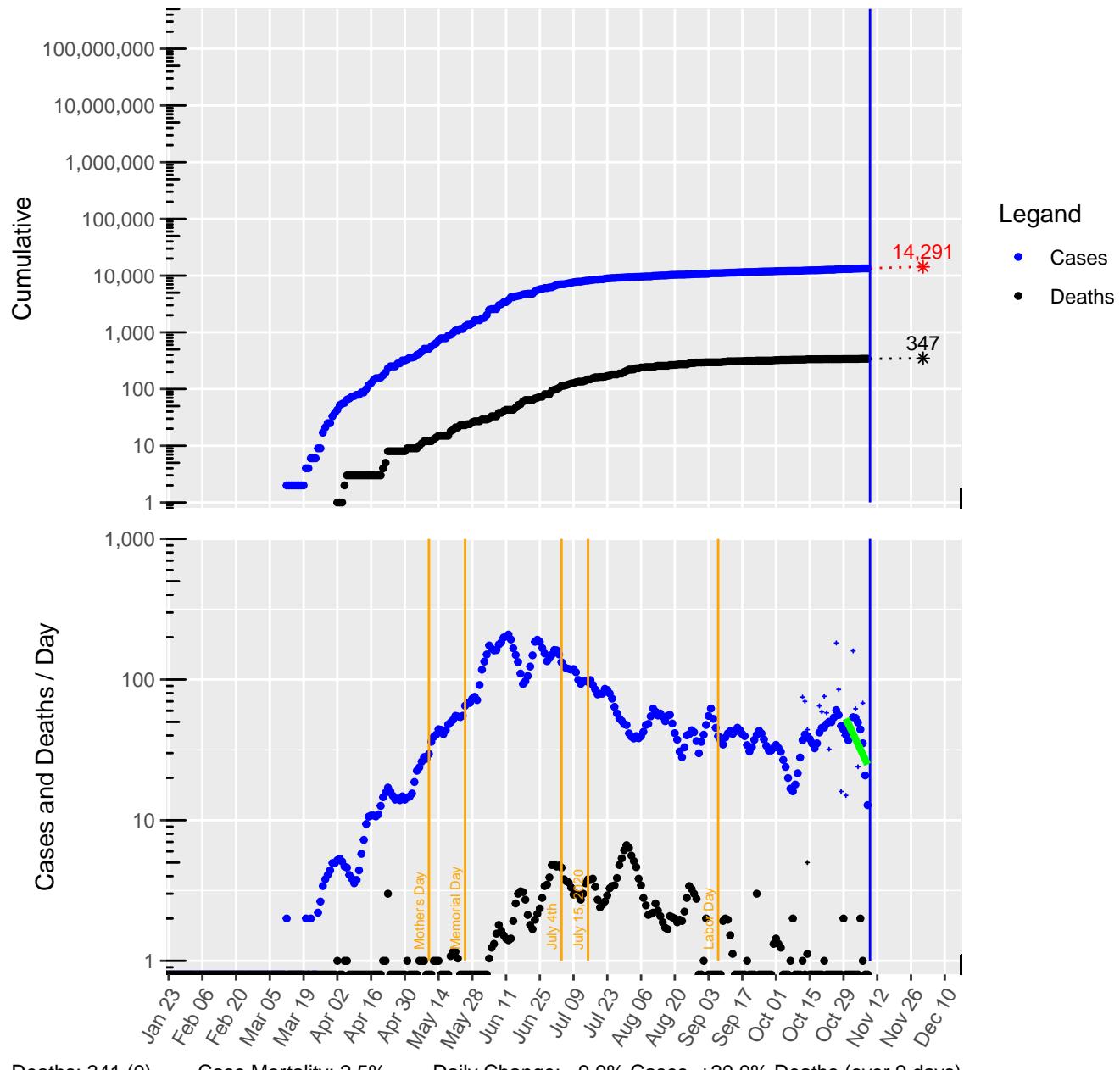
San Diego County projection as of 2020-11-09



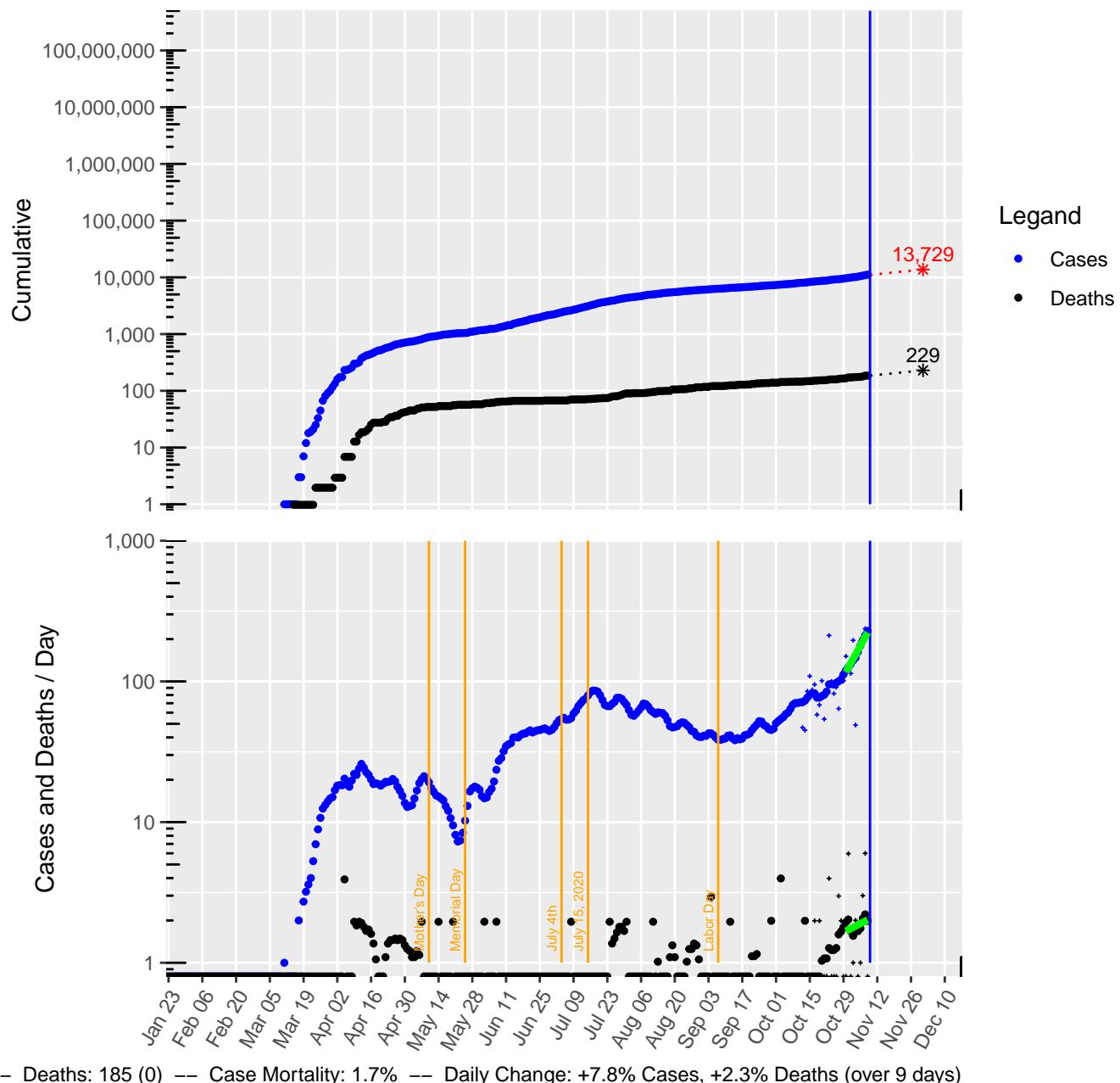
Riverside County projection as of 2020-11-09



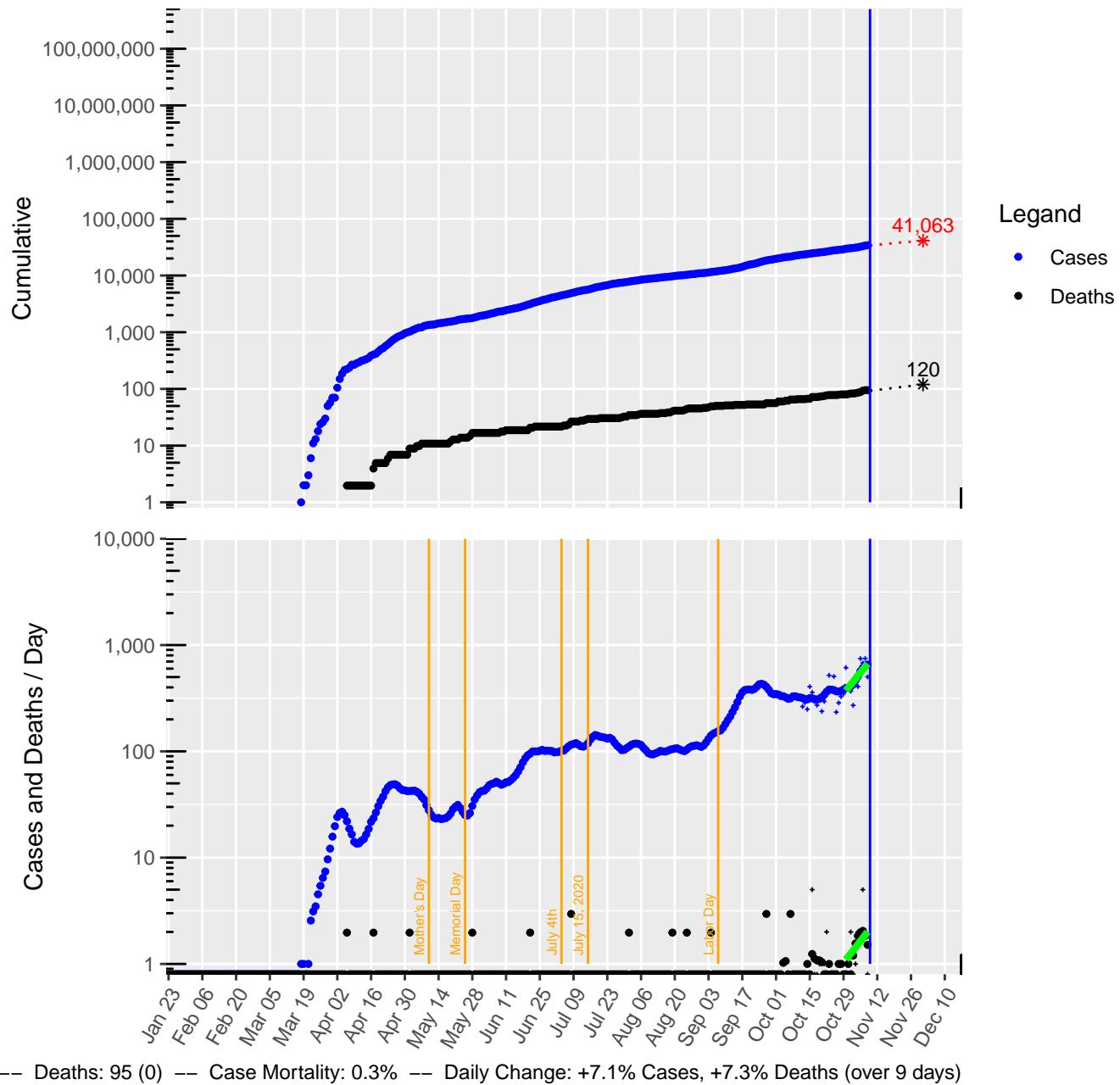
Imperial County projection as of 2020-11-09



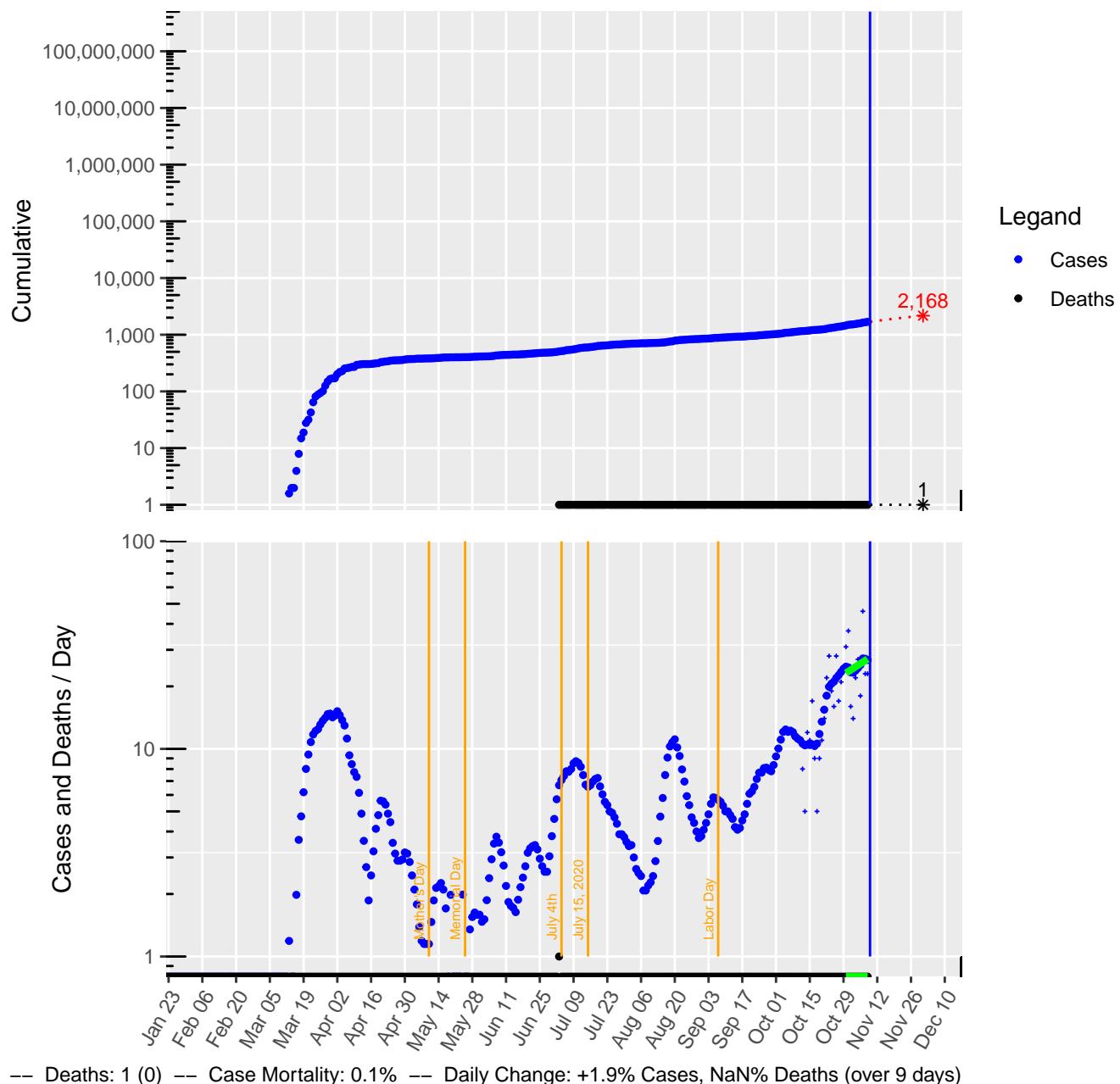
Multnomah County (Portland) projection as of 2020-11-09



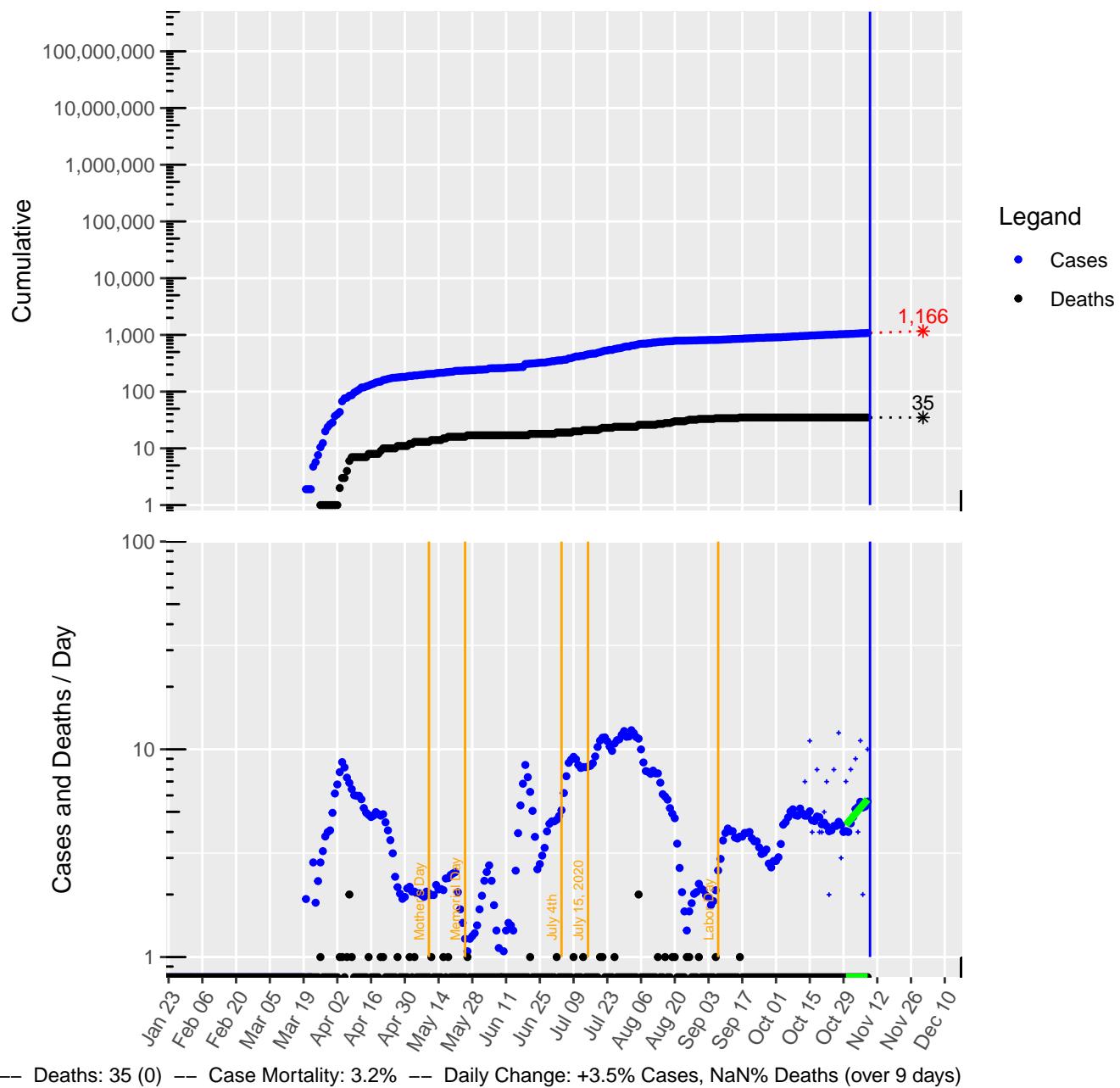
Utah County projection as of 2020-11-09



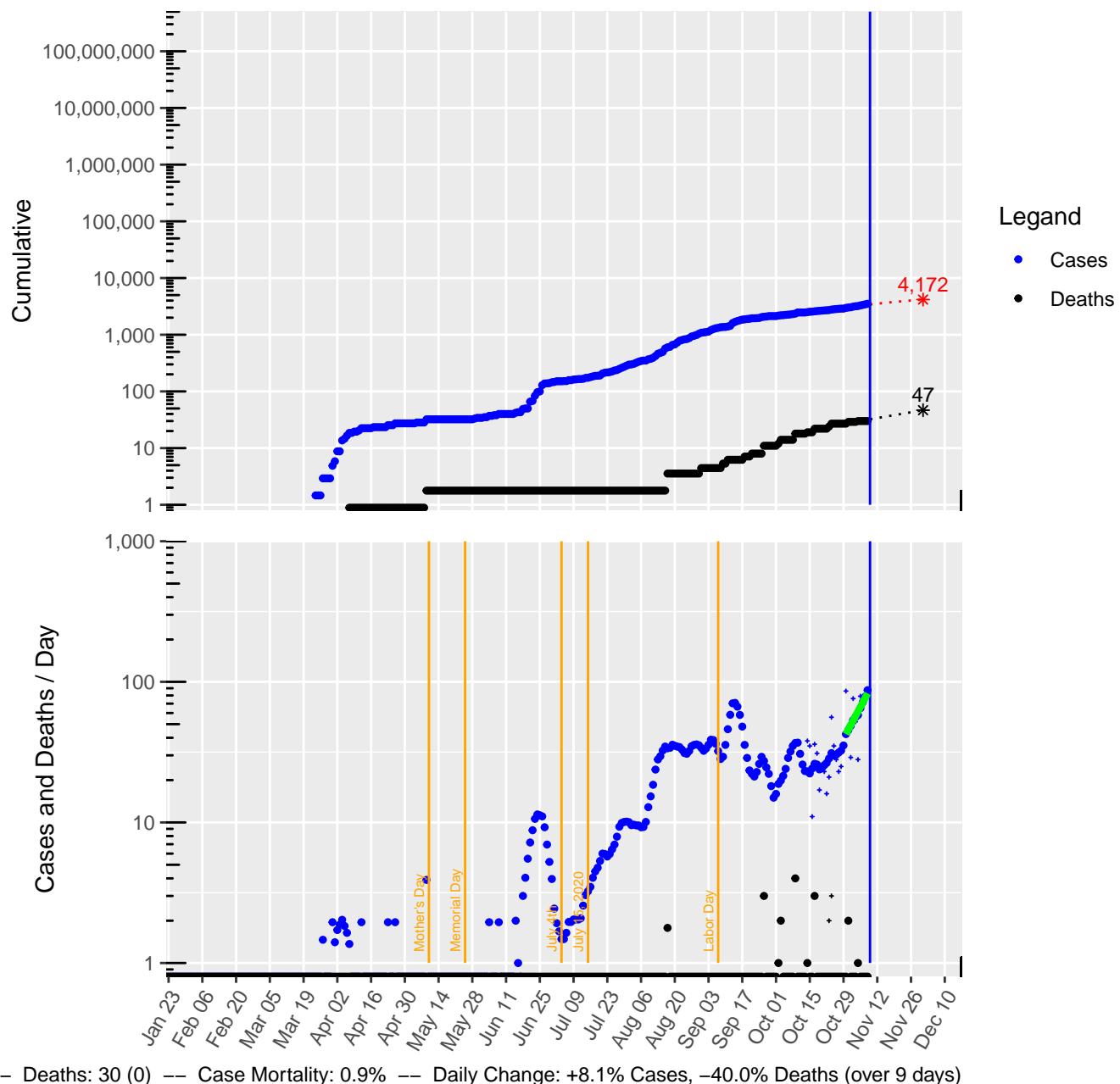
Summit County, Utah projection as of 2020-11-09



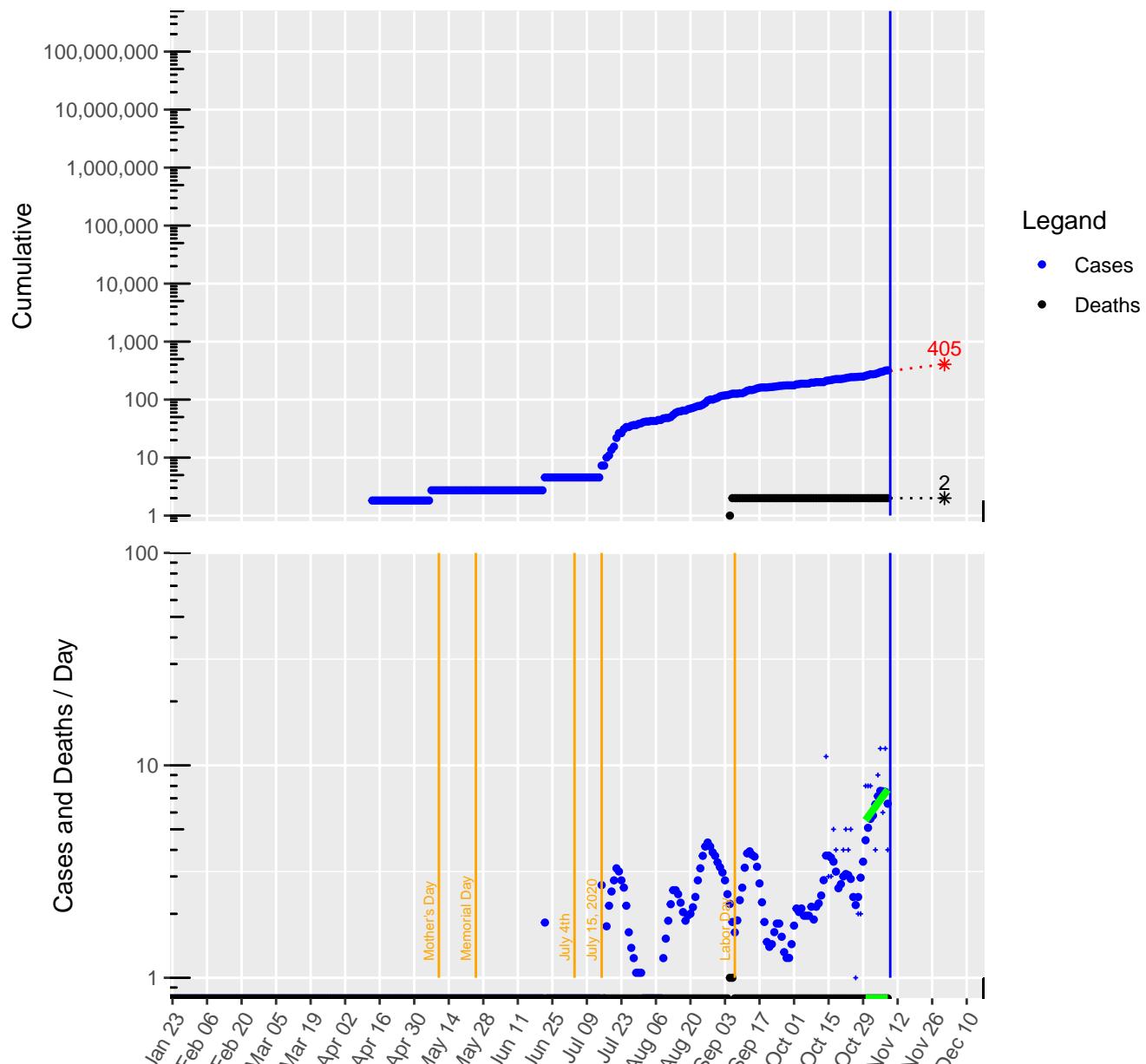
De Soto Parish, Louisiana projection as of 2020-11-09



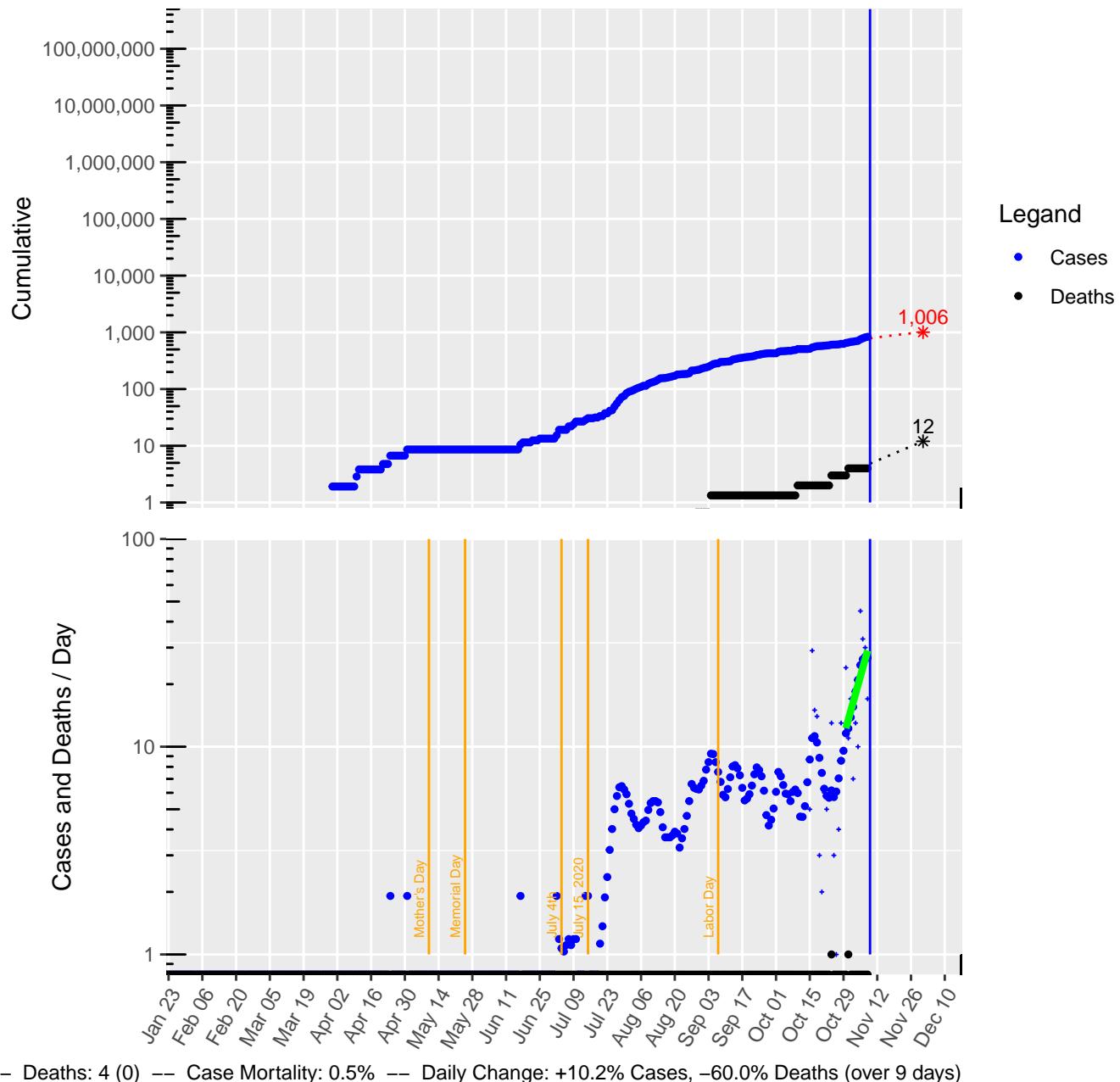
St. Francois County, Missouri projection as of 2020-11-09



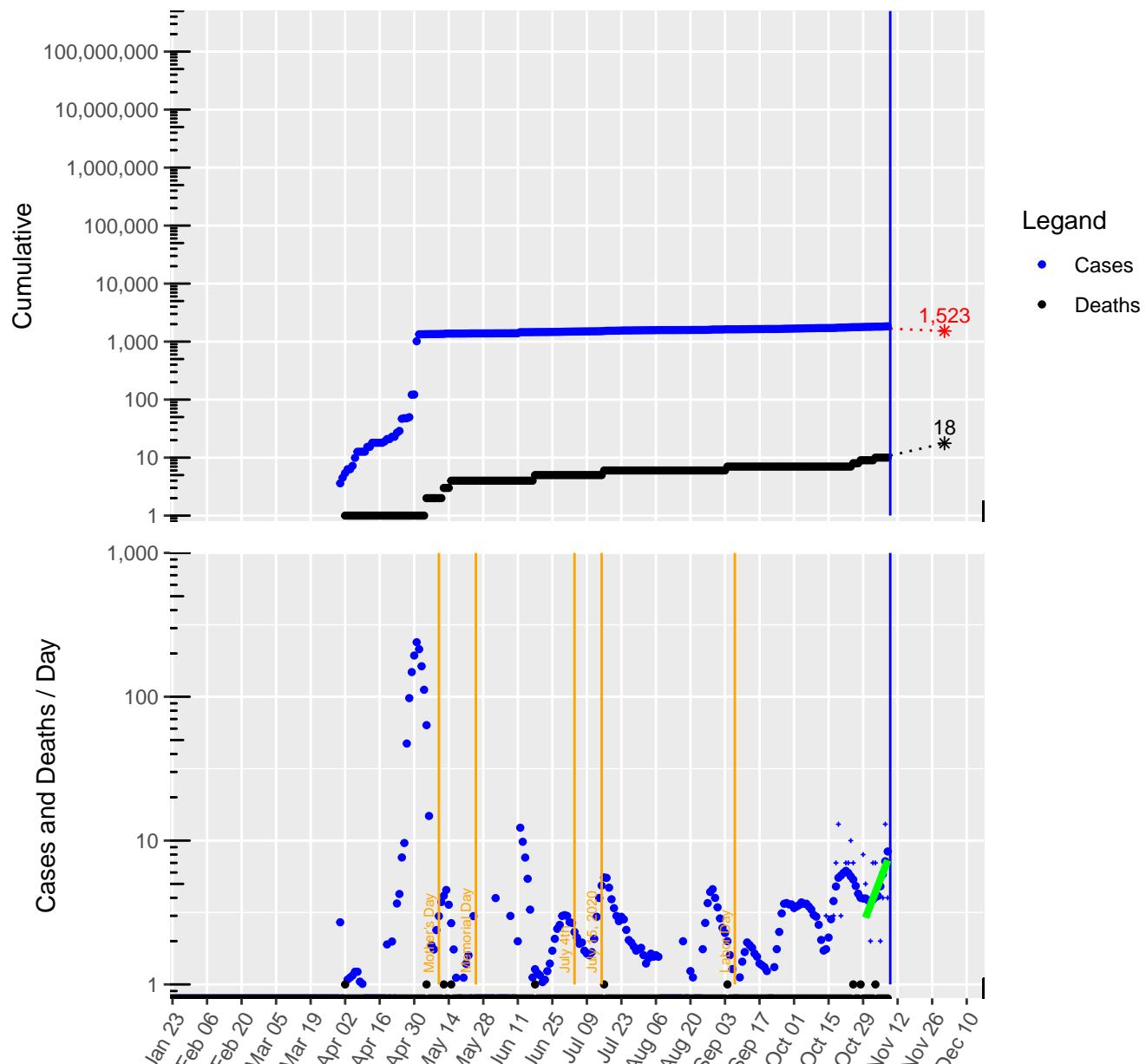
Howard County, Missouri projection as of 2020-11-09



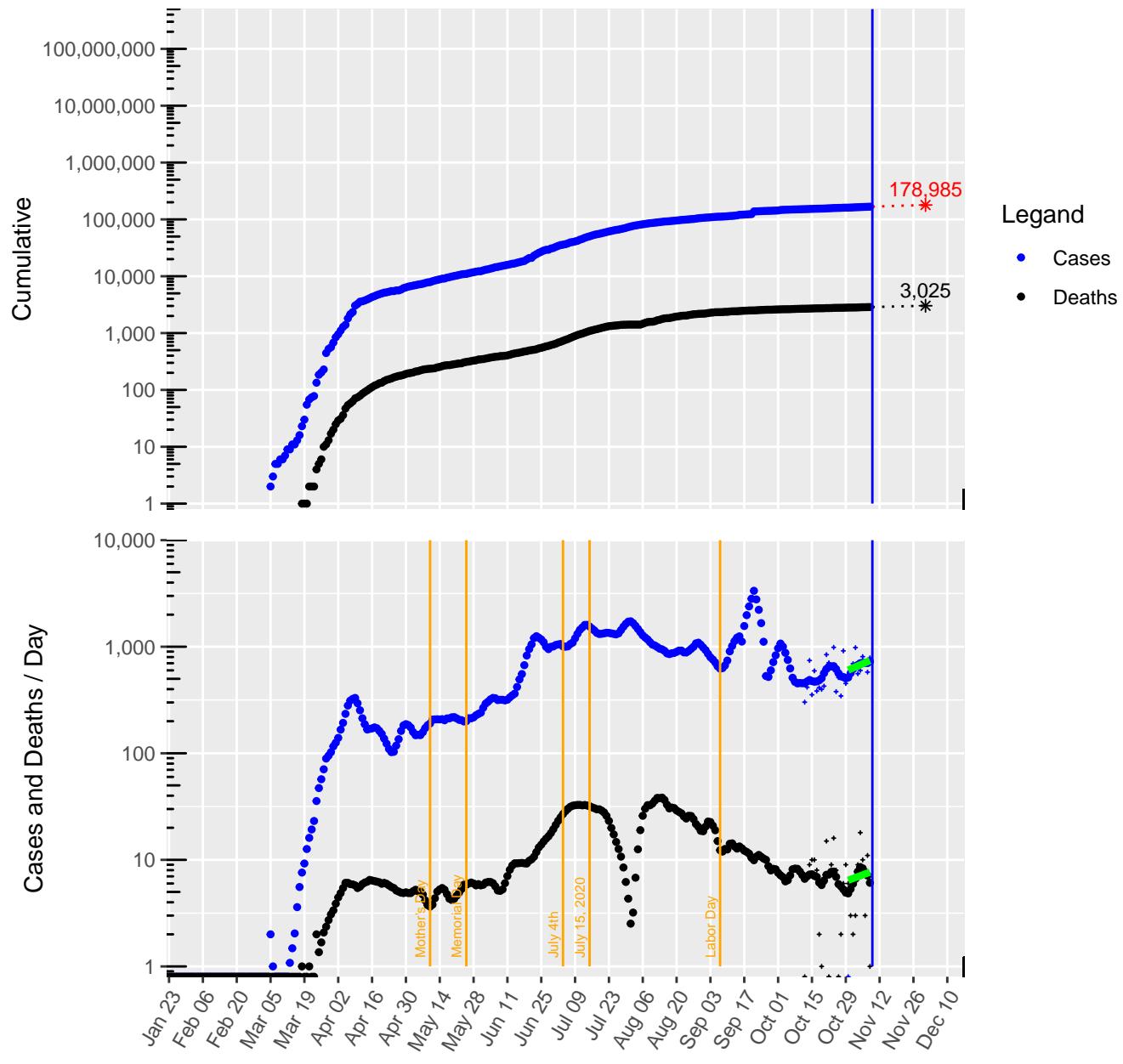
Cooper County, Missouri projection as of 2020-11-09



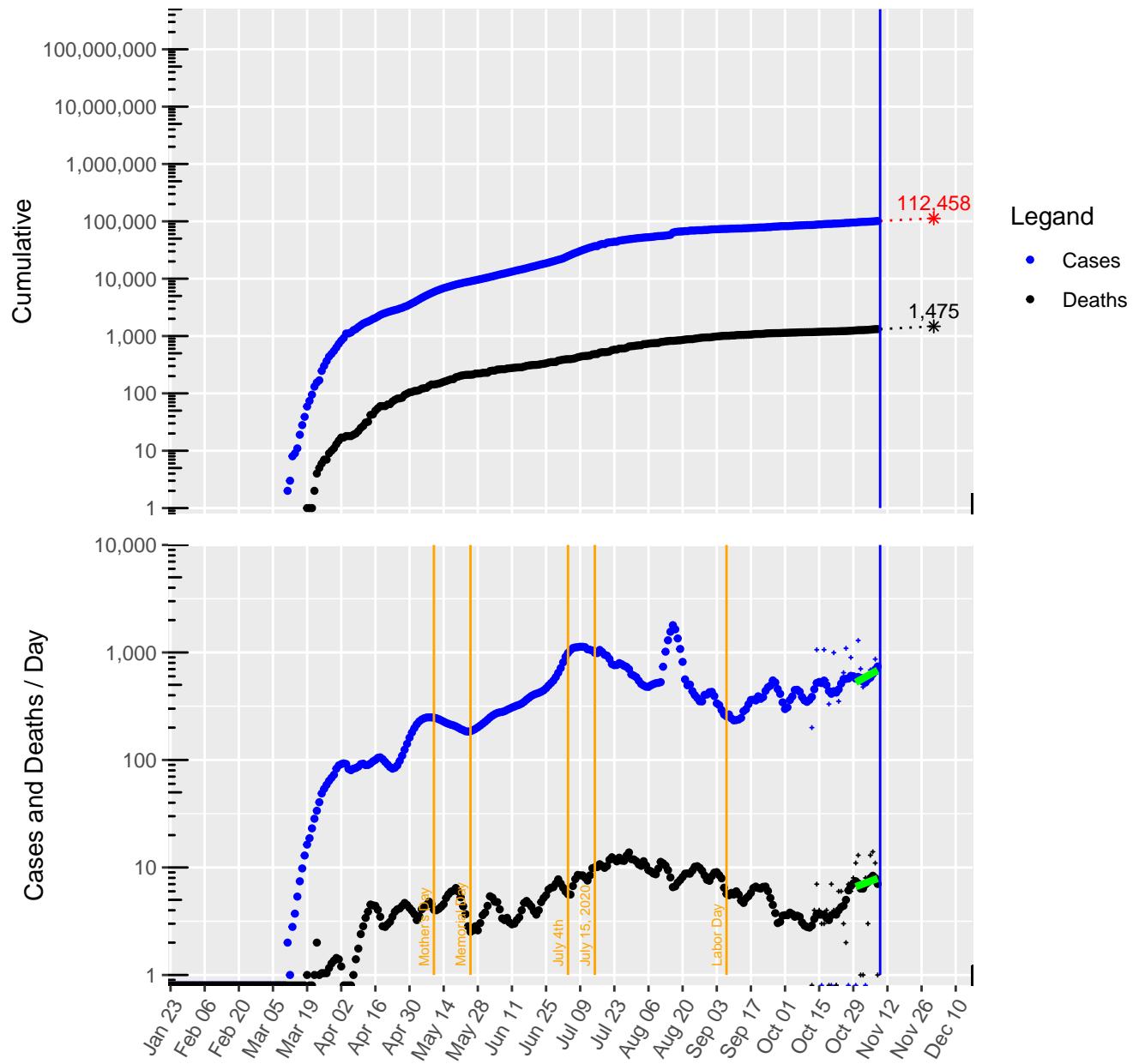
Trousdale County, Tennessee projection as of 2020-11-09



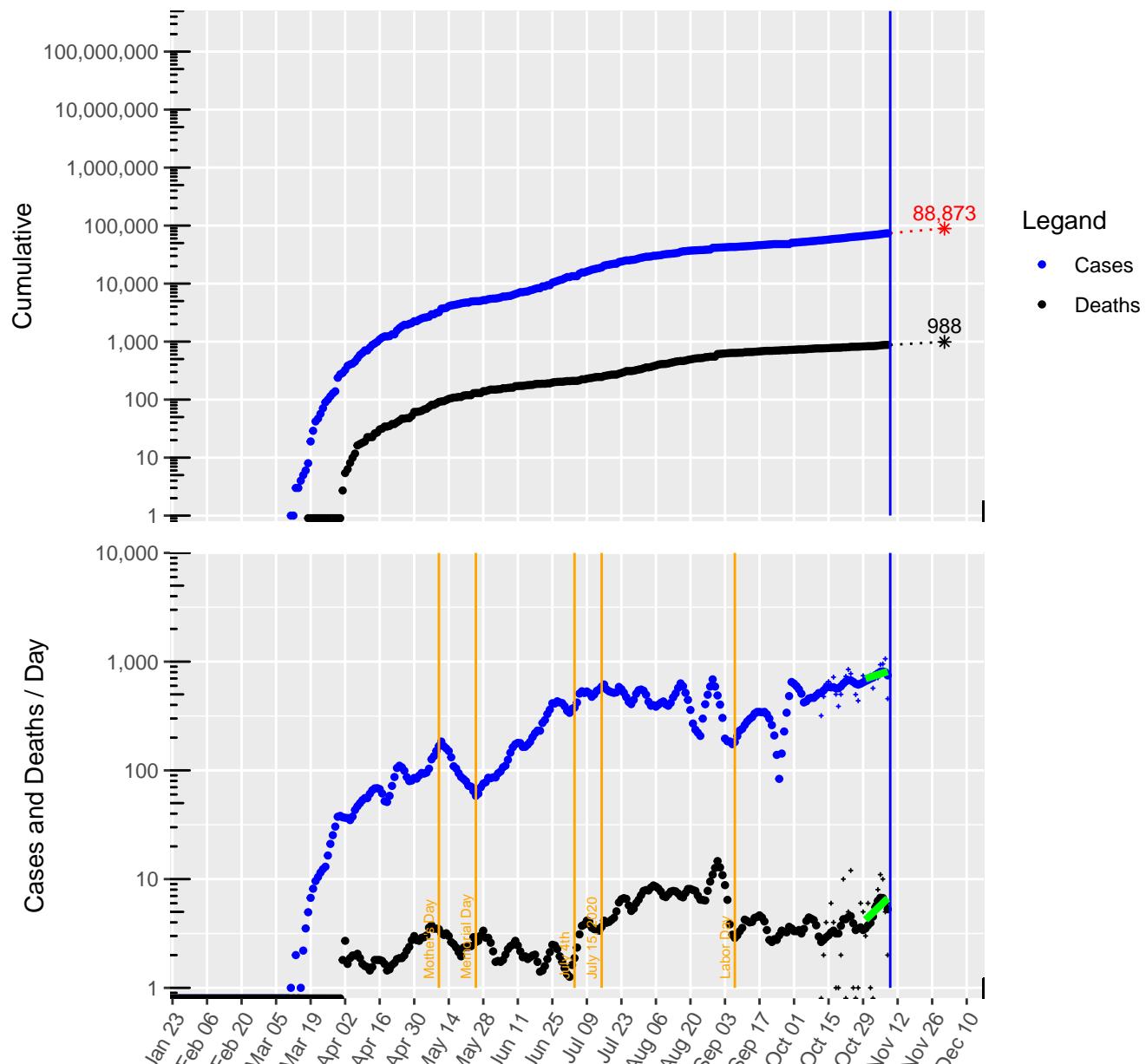
Harris County (Houston) projection as of 2020-11-09



Dallas, Texas projection as of 2020-11-09

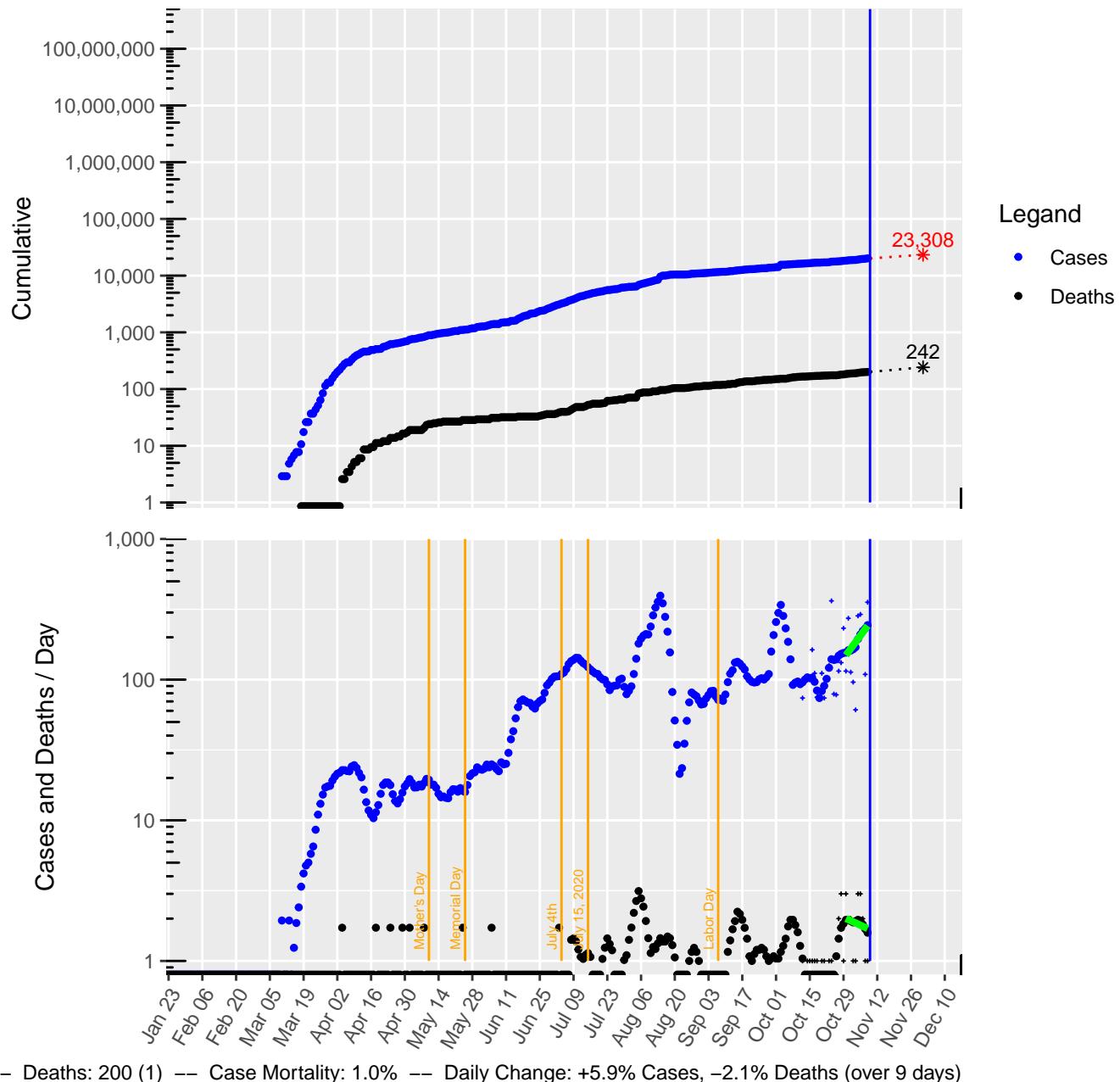


Tarrant County (Fort Worth) projection as of 2020-11-09

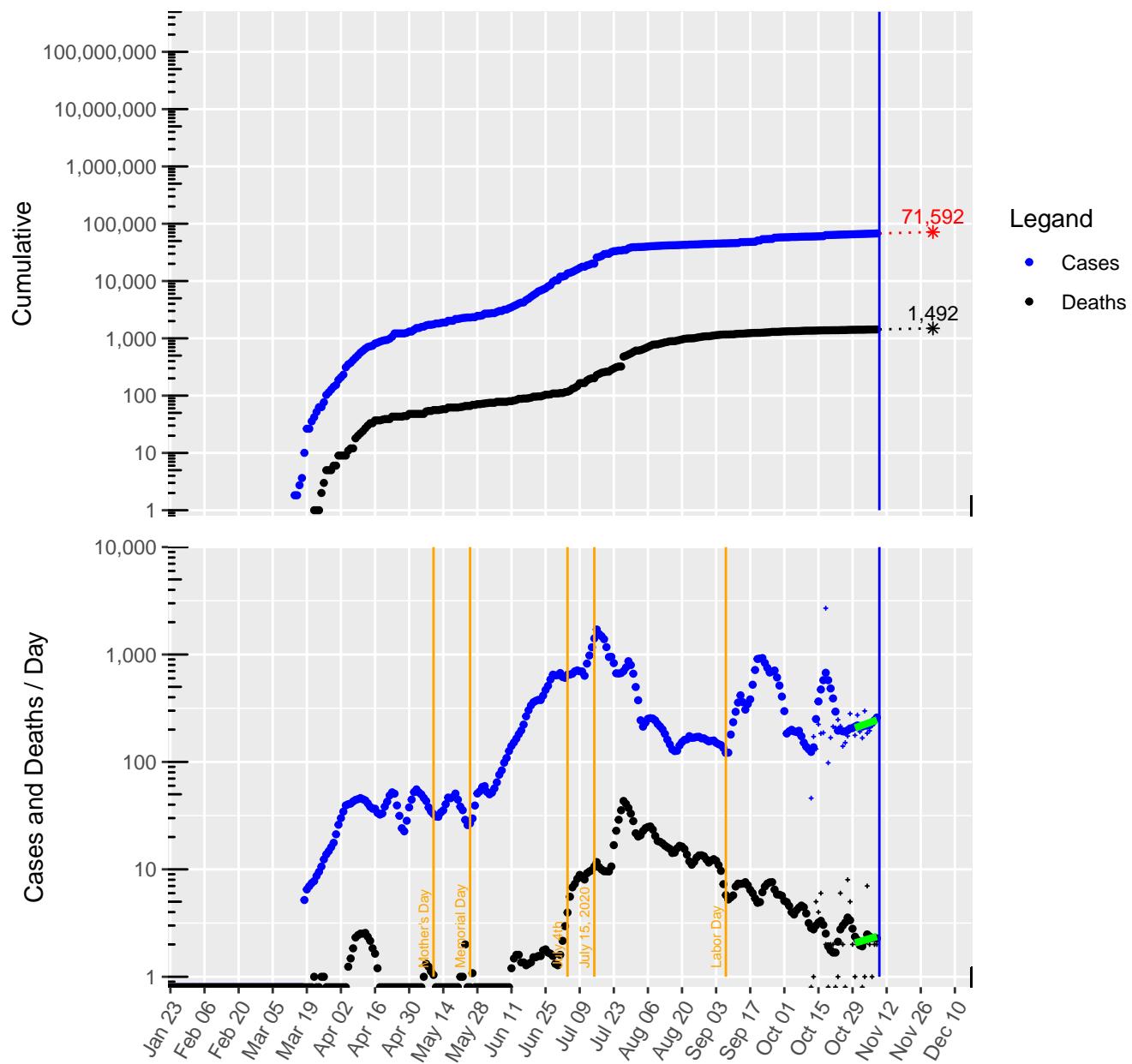


— Deaths: 878 (2) — Case Mortality: 1.2% — Daily Change: +1.8% Cases, +5.5% Deaths (over 9 days)

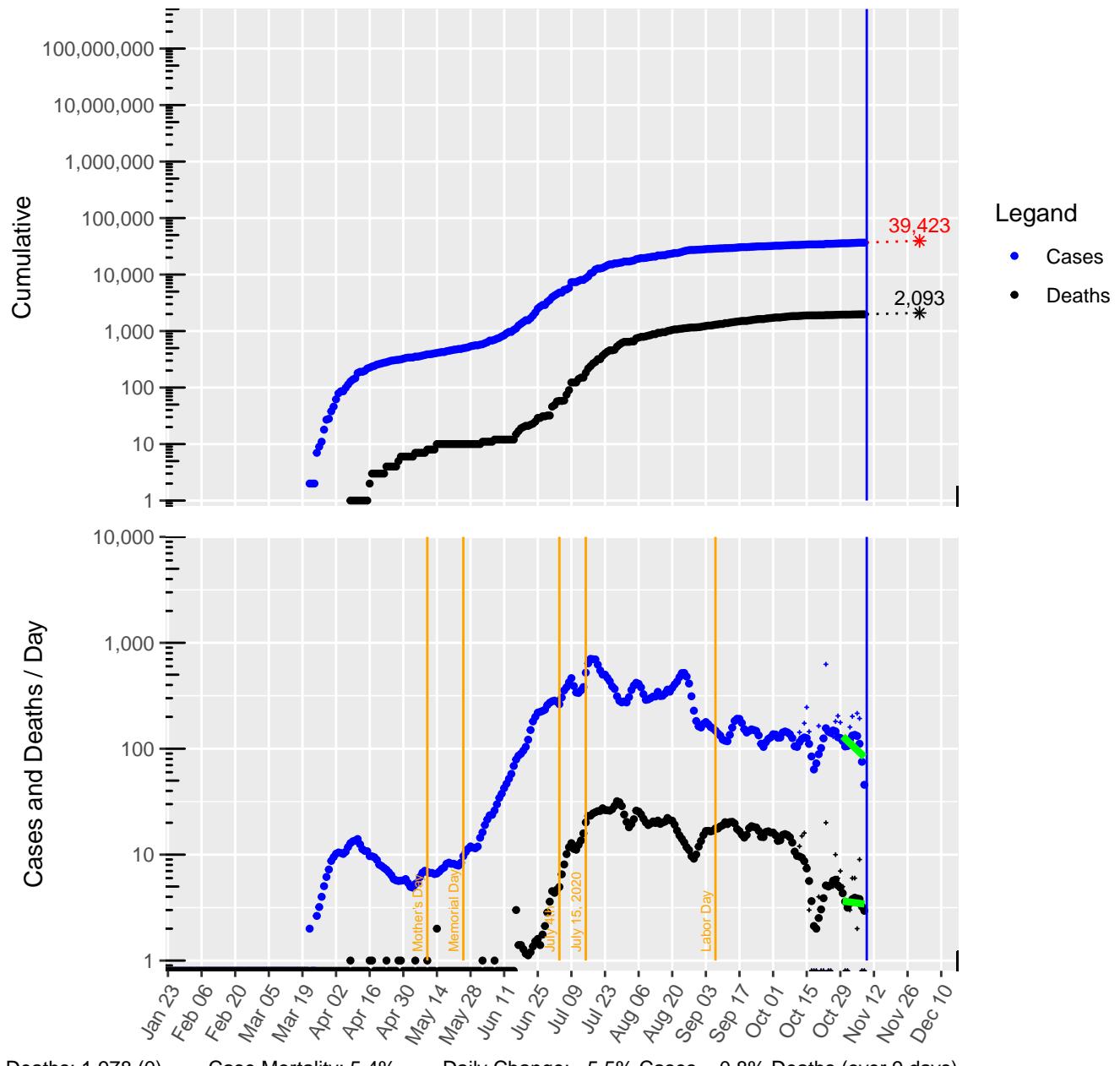
Collin County, Texas projection as of 2020-11-09



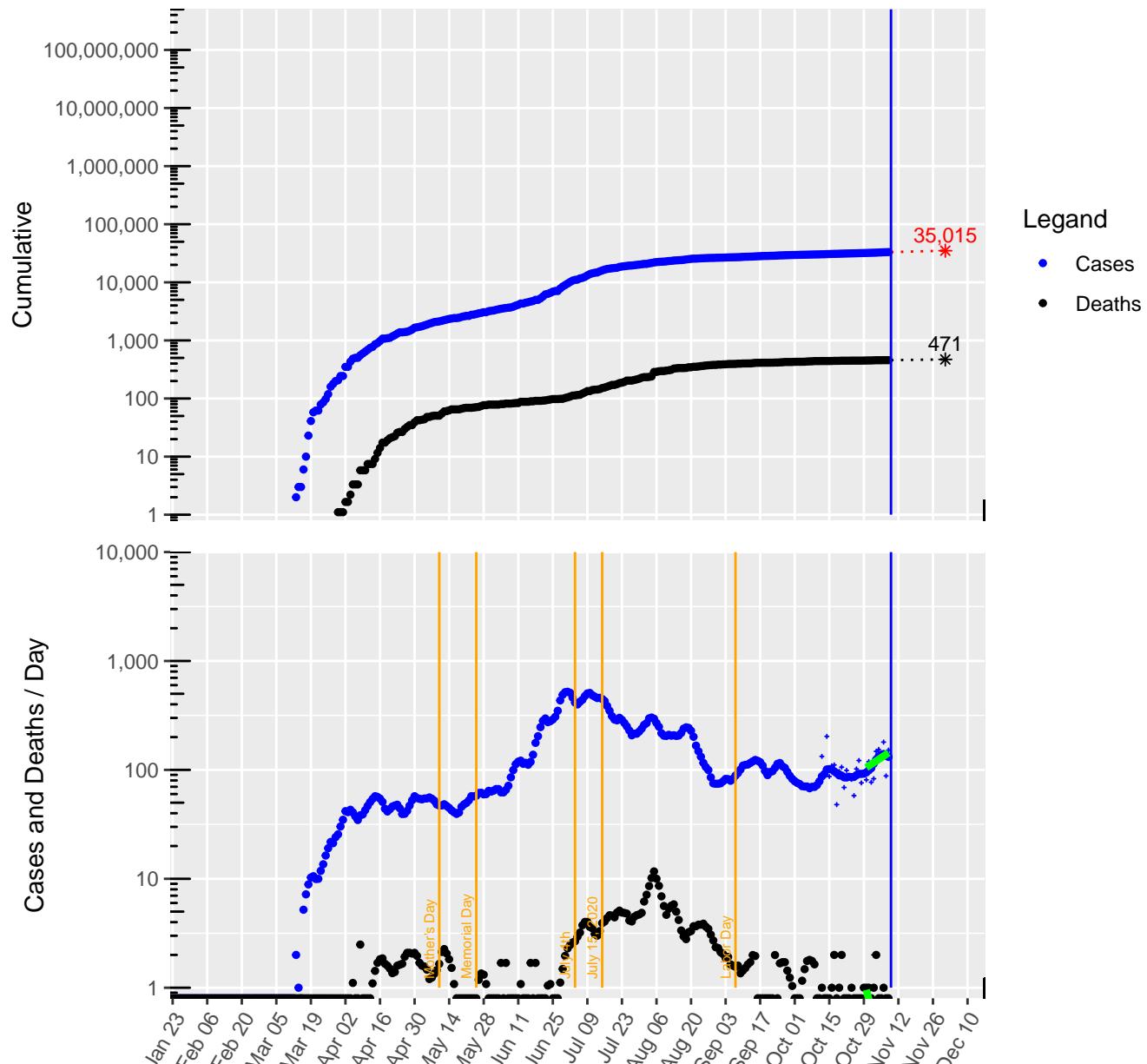
Bexar County (San Antonio) projection as of 2020-11-09



Hidalgo County, Texas projection as of 2020-11-09

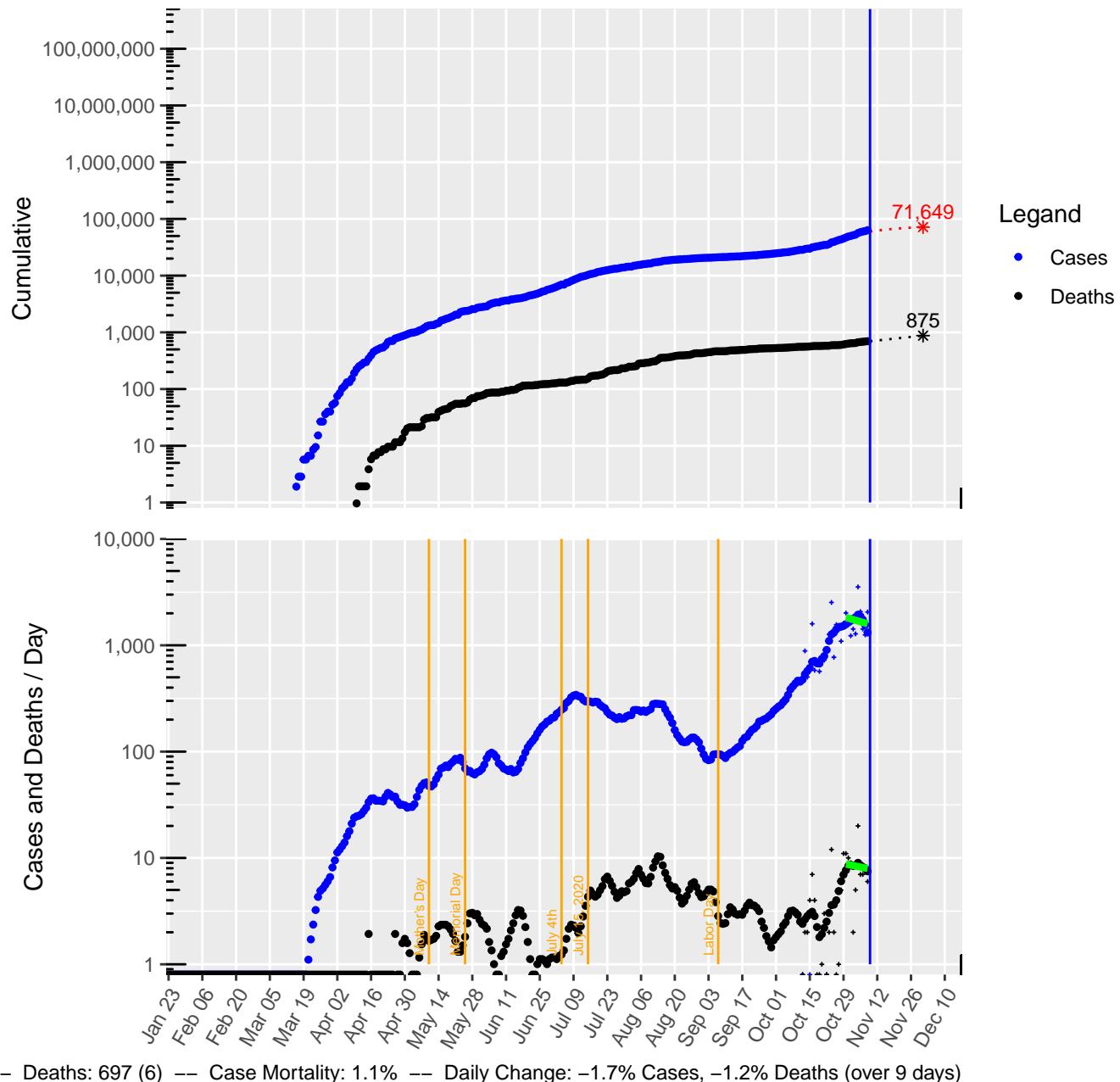


Travis County (Austin) projection as of 2020-11-09

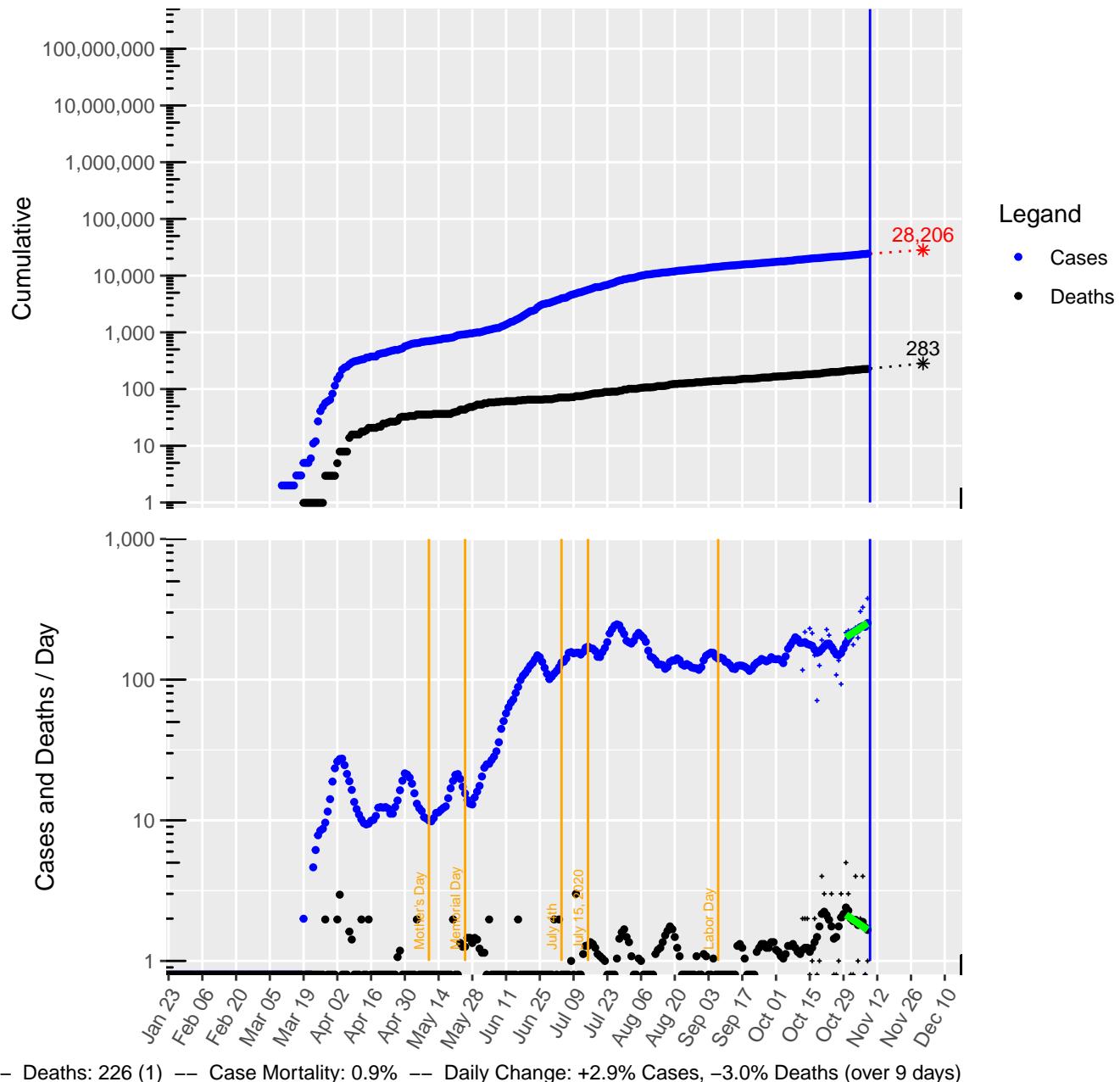


Deaths: 457 (0) --- Case Mortality: 1.4% --- Daily Change: +3.9% Cases, -18.0% Deaths (over 9 days)

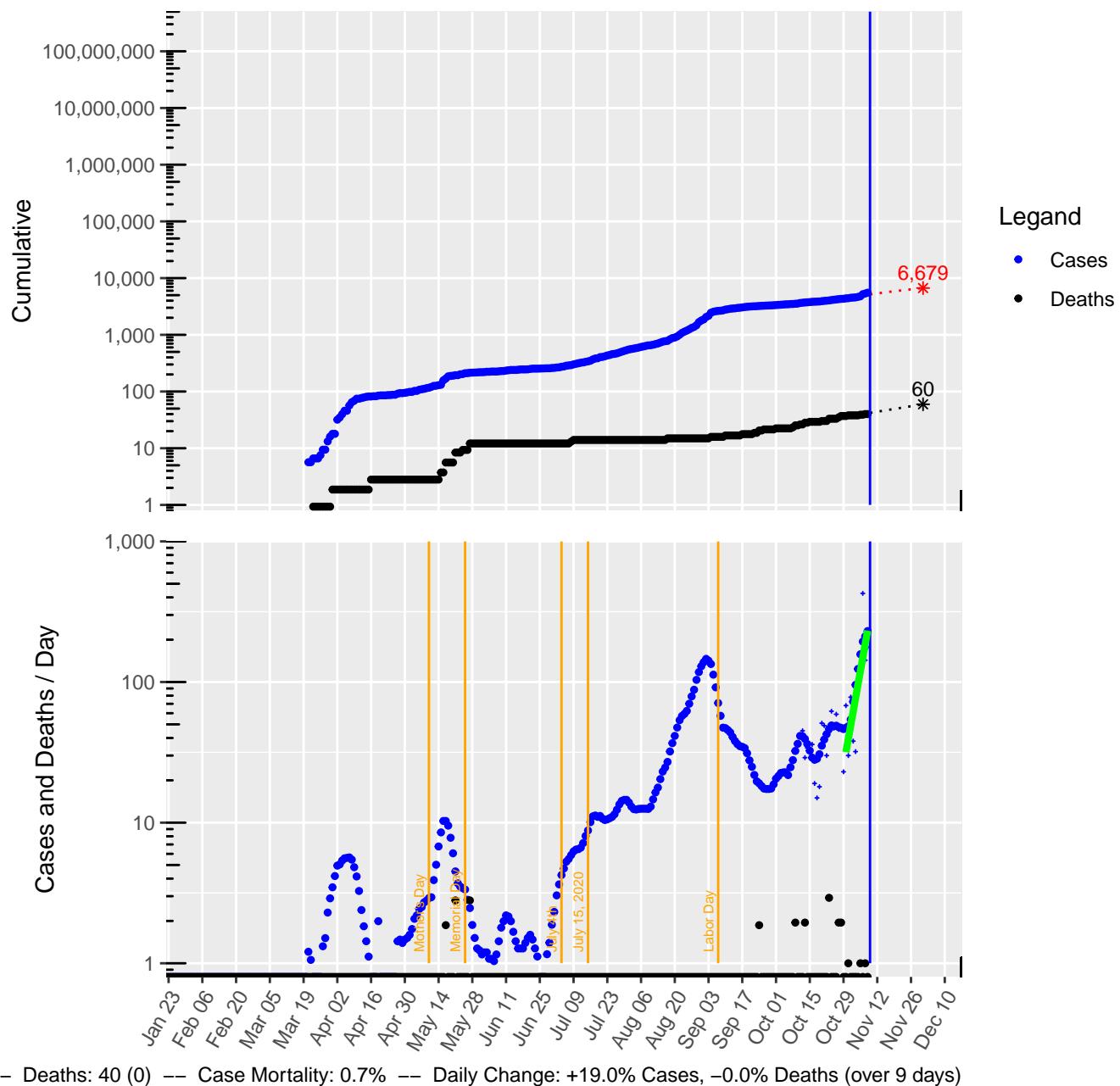
El Paso County, Texas projection as of 2020-11-09



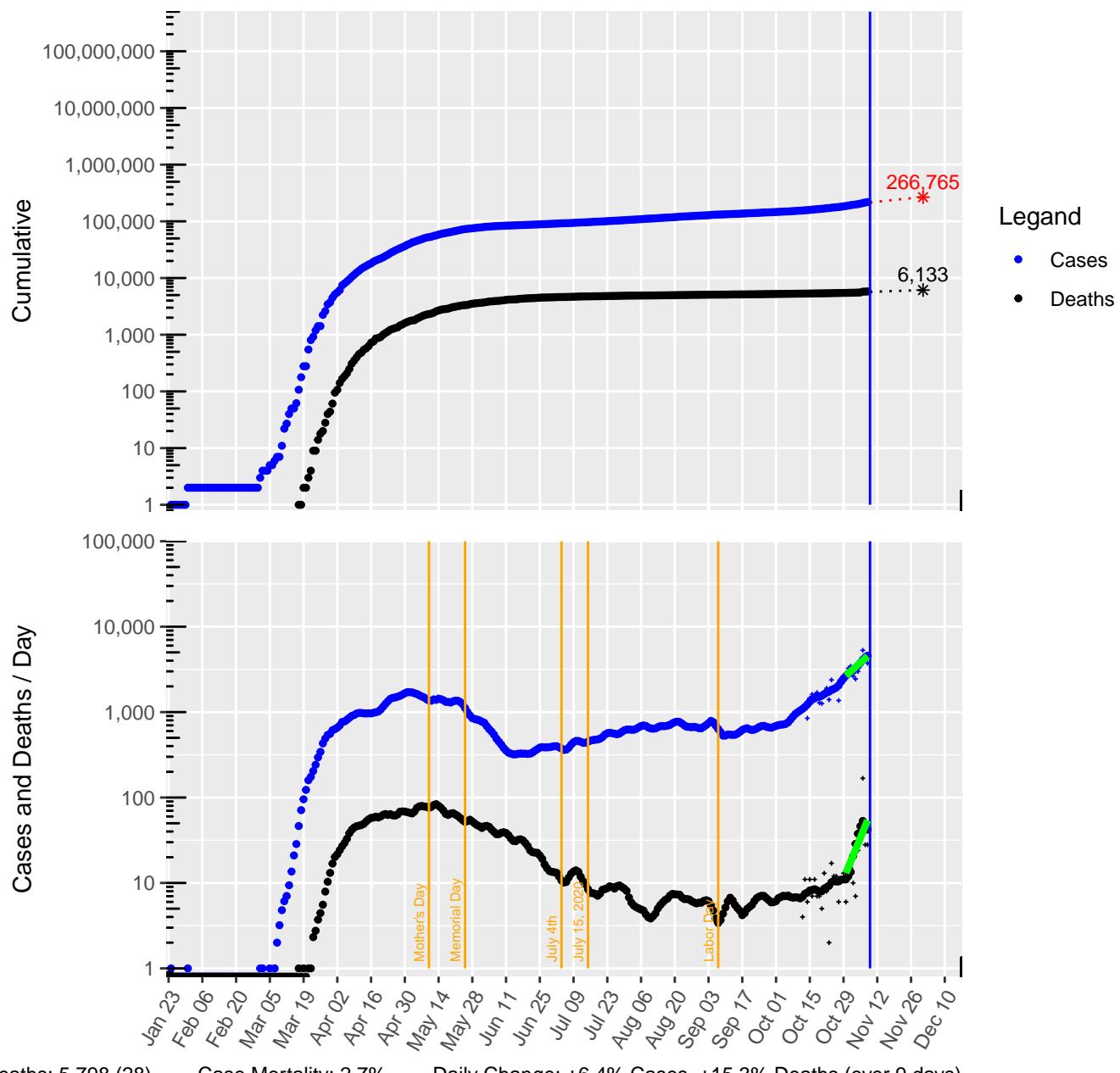
Tulsa County, Oklahoma projection as of 2020-11-09



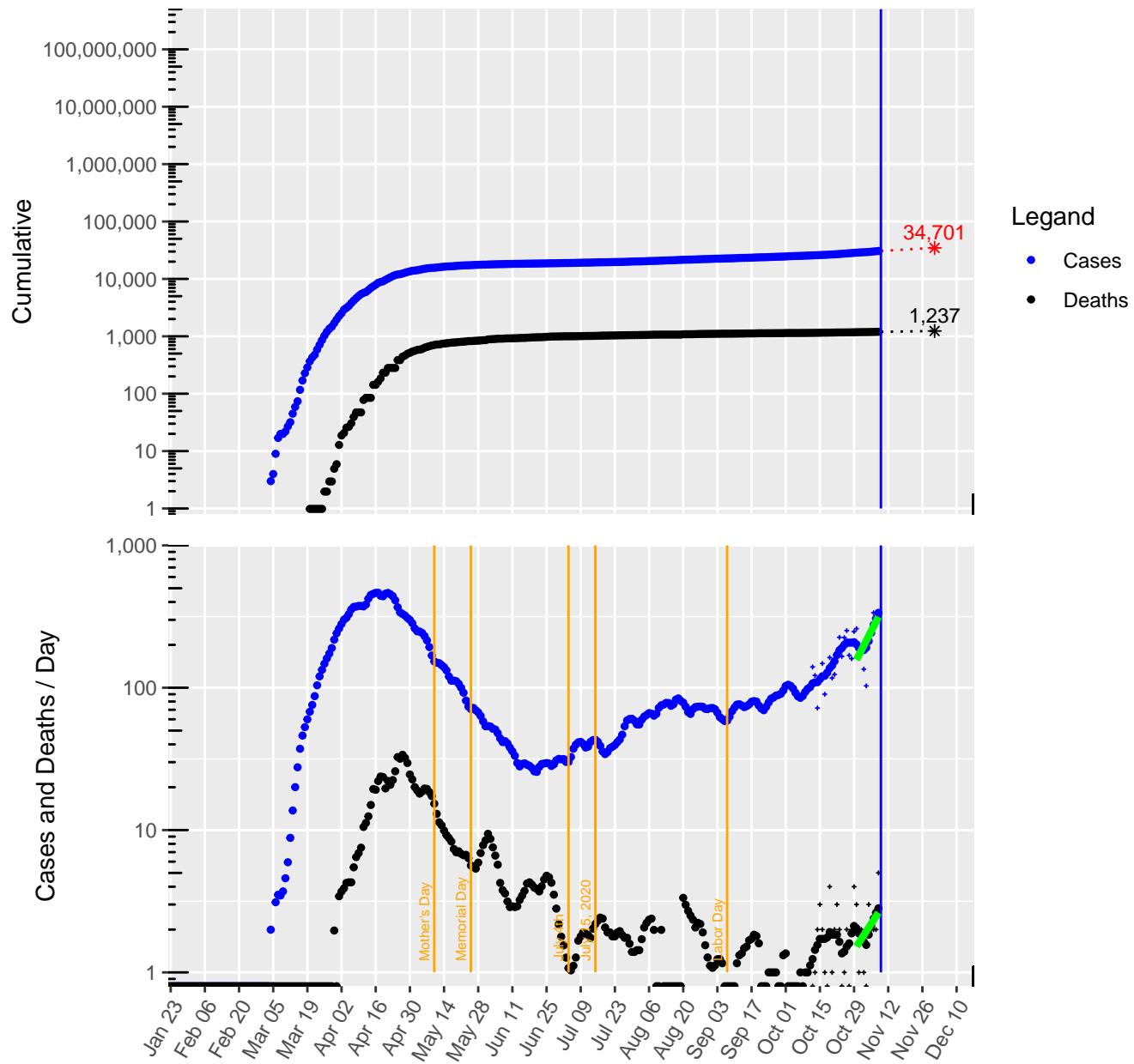
McLean County, Illinois projection as of 2020-11-09



Cook County, Illinois projection as of 2020-11-09

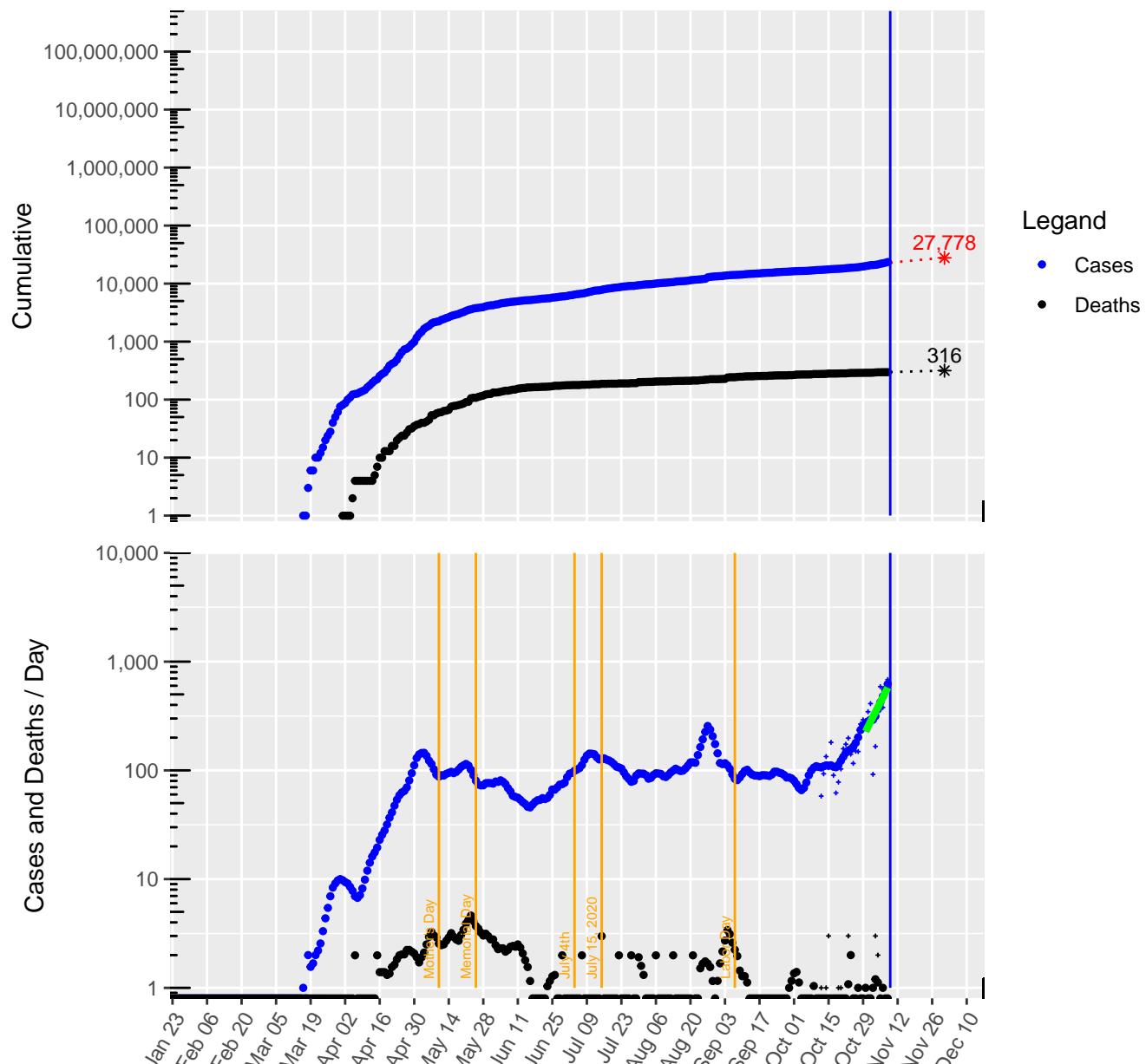


Suffolk County (Boston) projection as of 2020-11-09

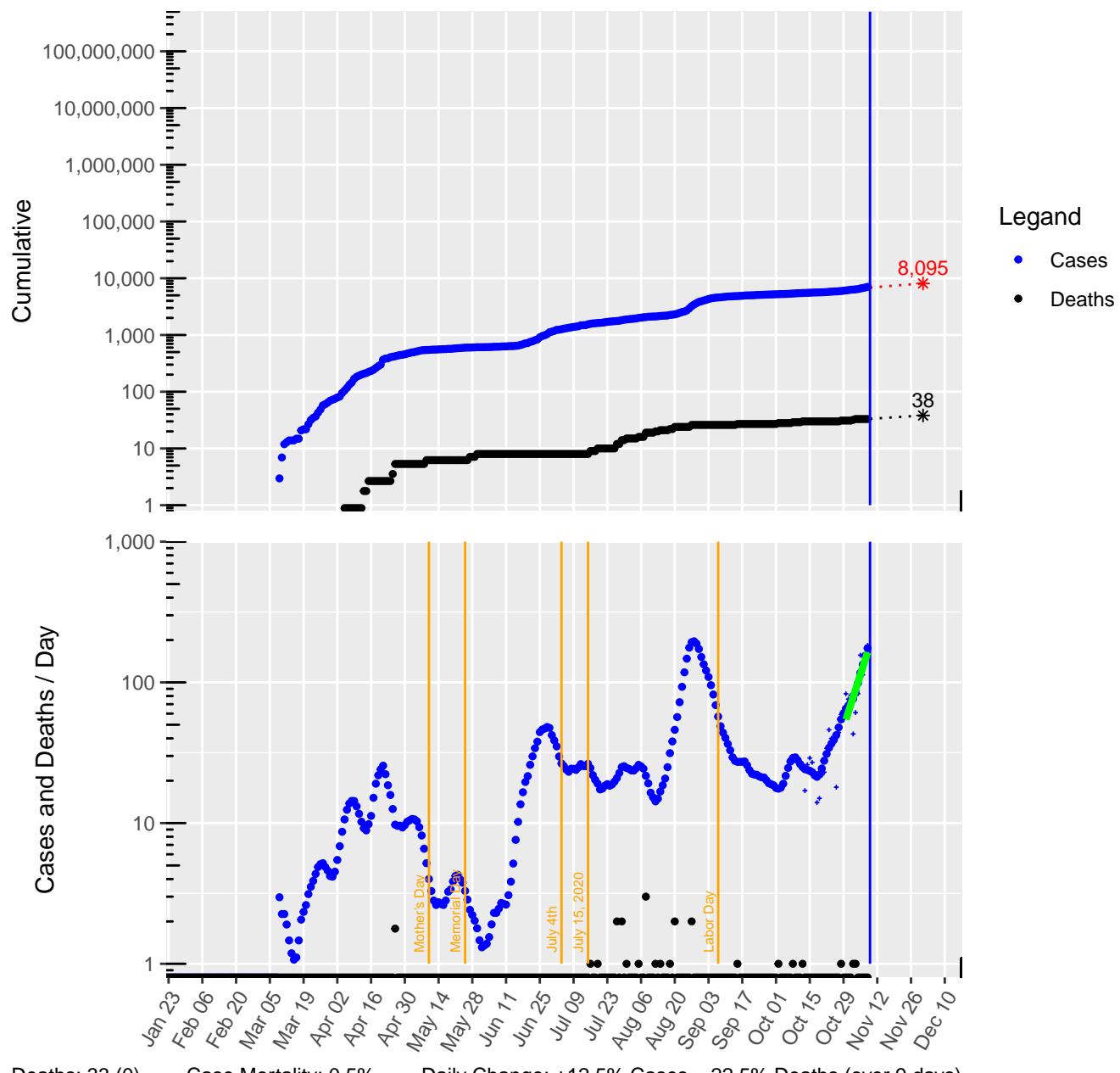


Deaths: 1,198 (5) --- Case Mortality: 3.9% --- Daily Change: +8.3% Cases, +6.7% Deaths (over 9 days)

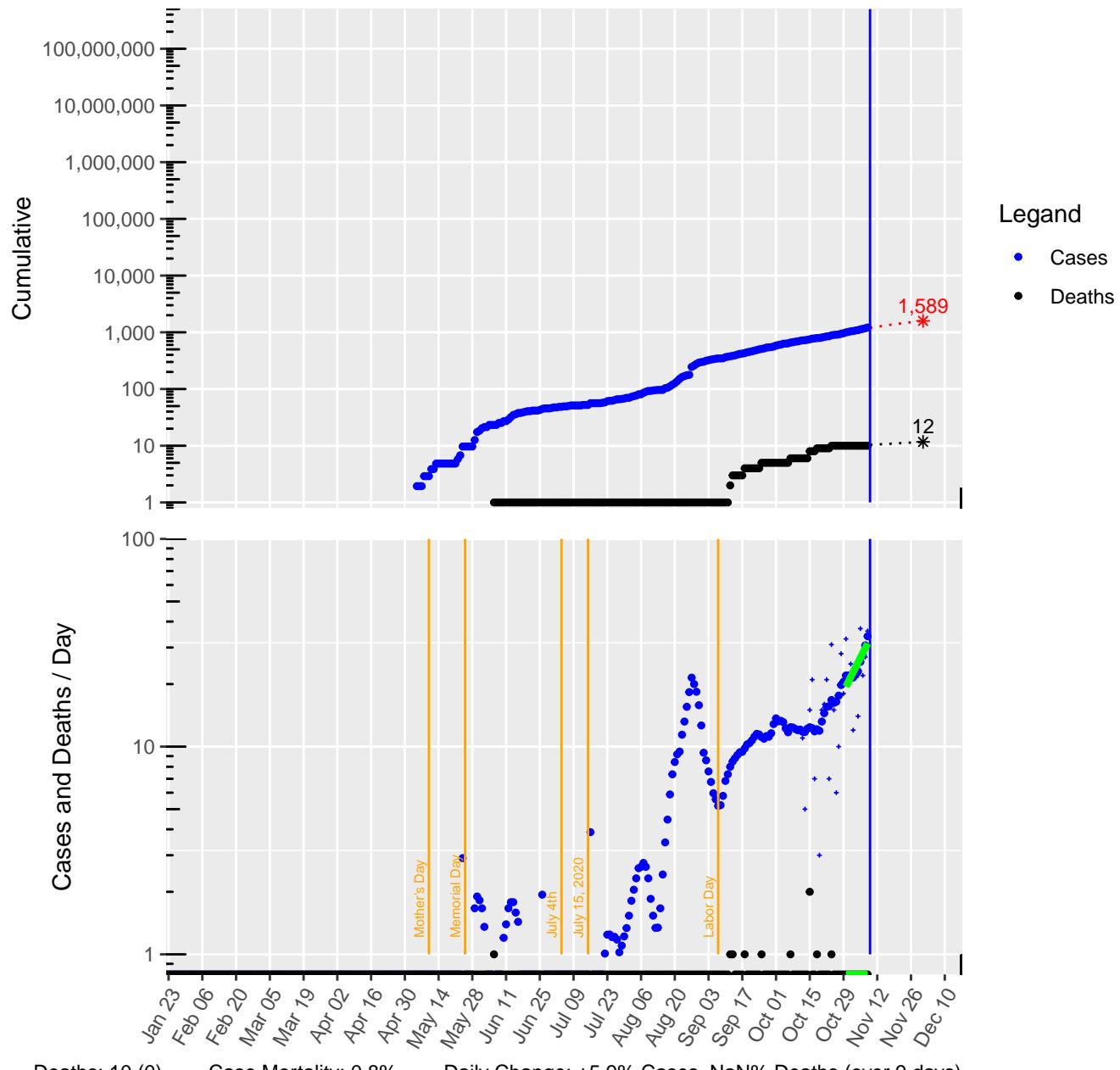
Polk County, Iowa projection as of 2020-11-09



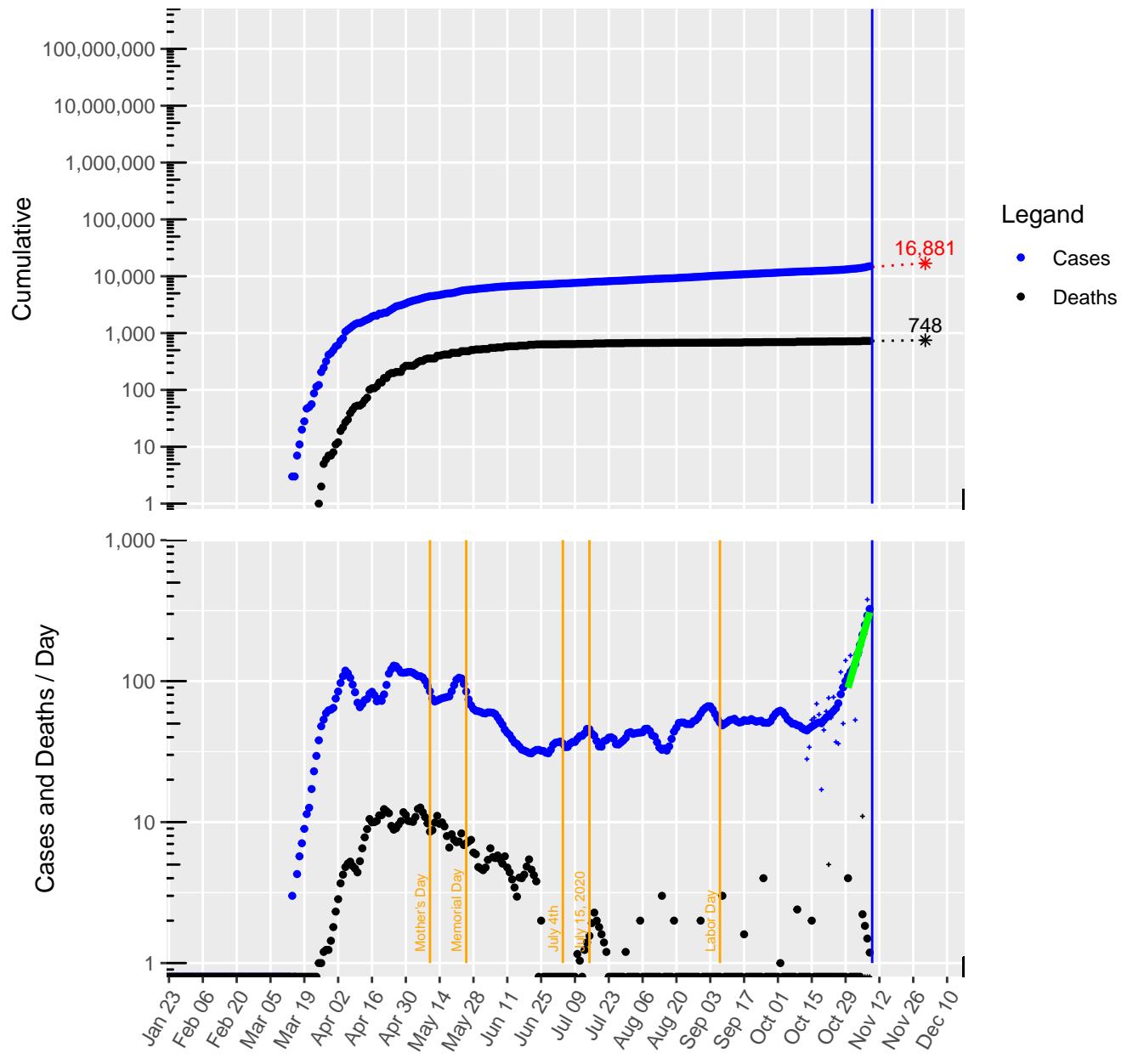
Johnson County, Iowa projection as of 2020-11-09



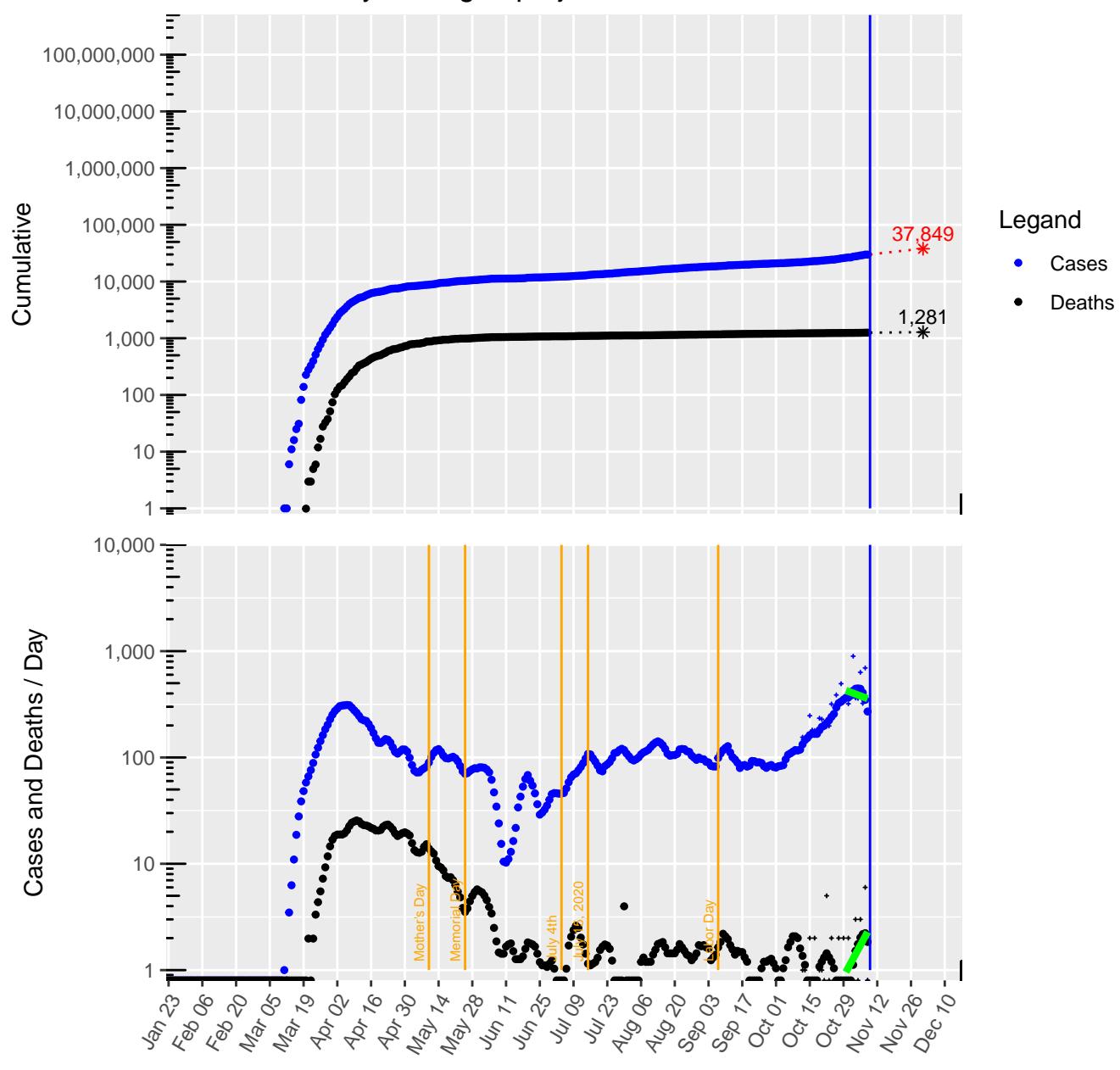
Meade County, South Dakota (Sturgis) projection as of 2020-11-09



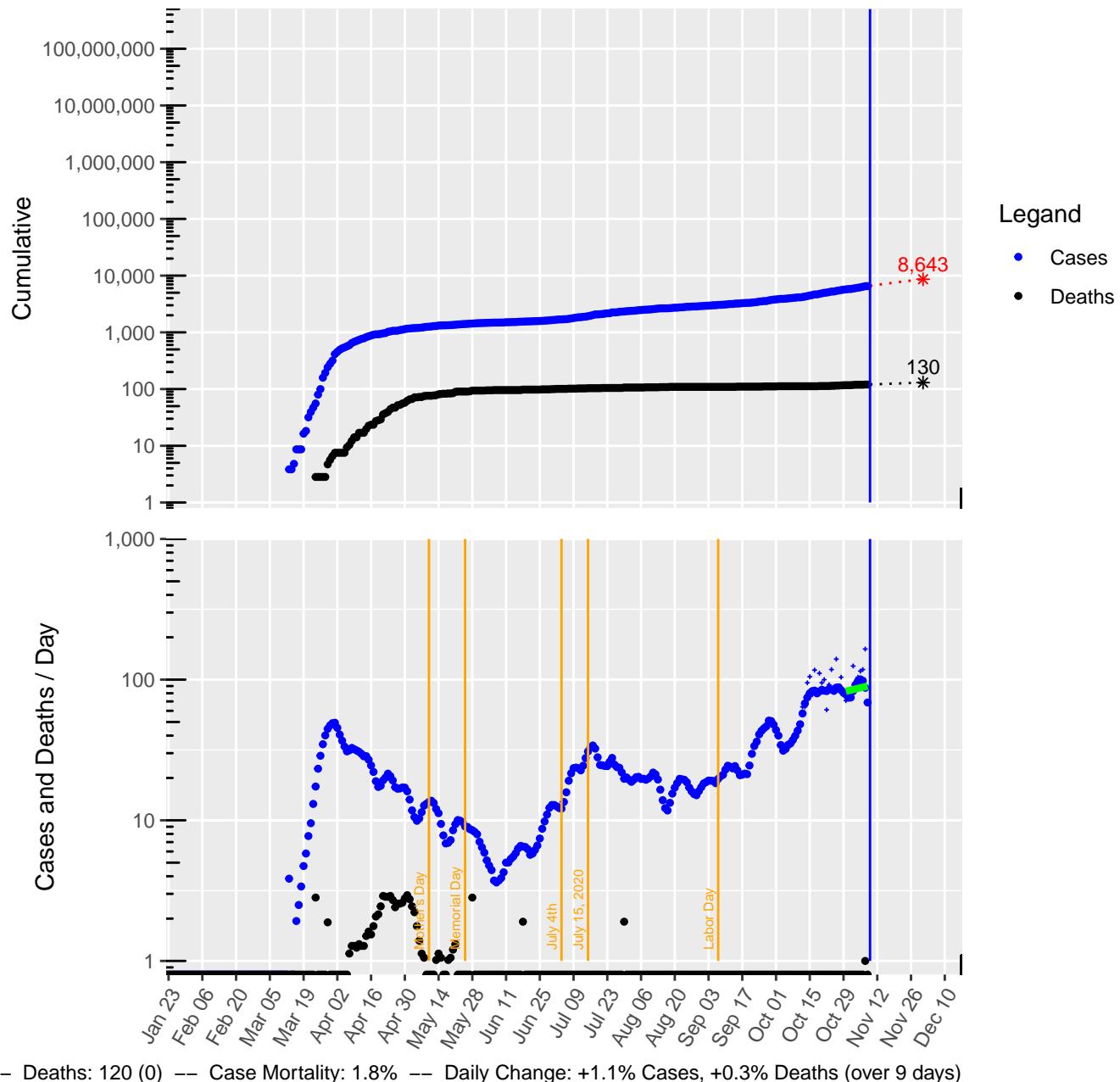
Erie County, New York projection as of 2020-11-09



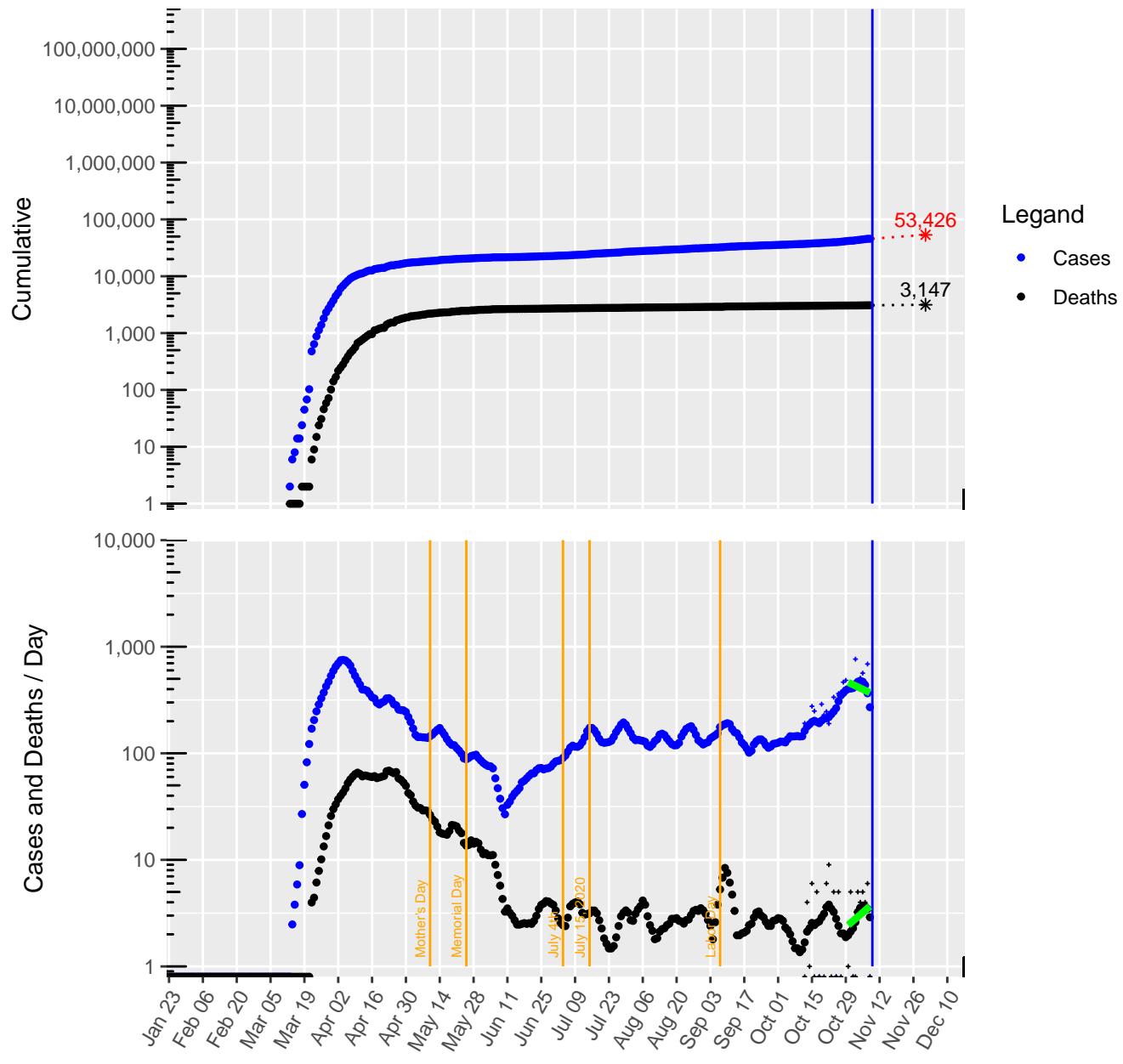
Oakland County, Michigan projection as of 2020-11-09



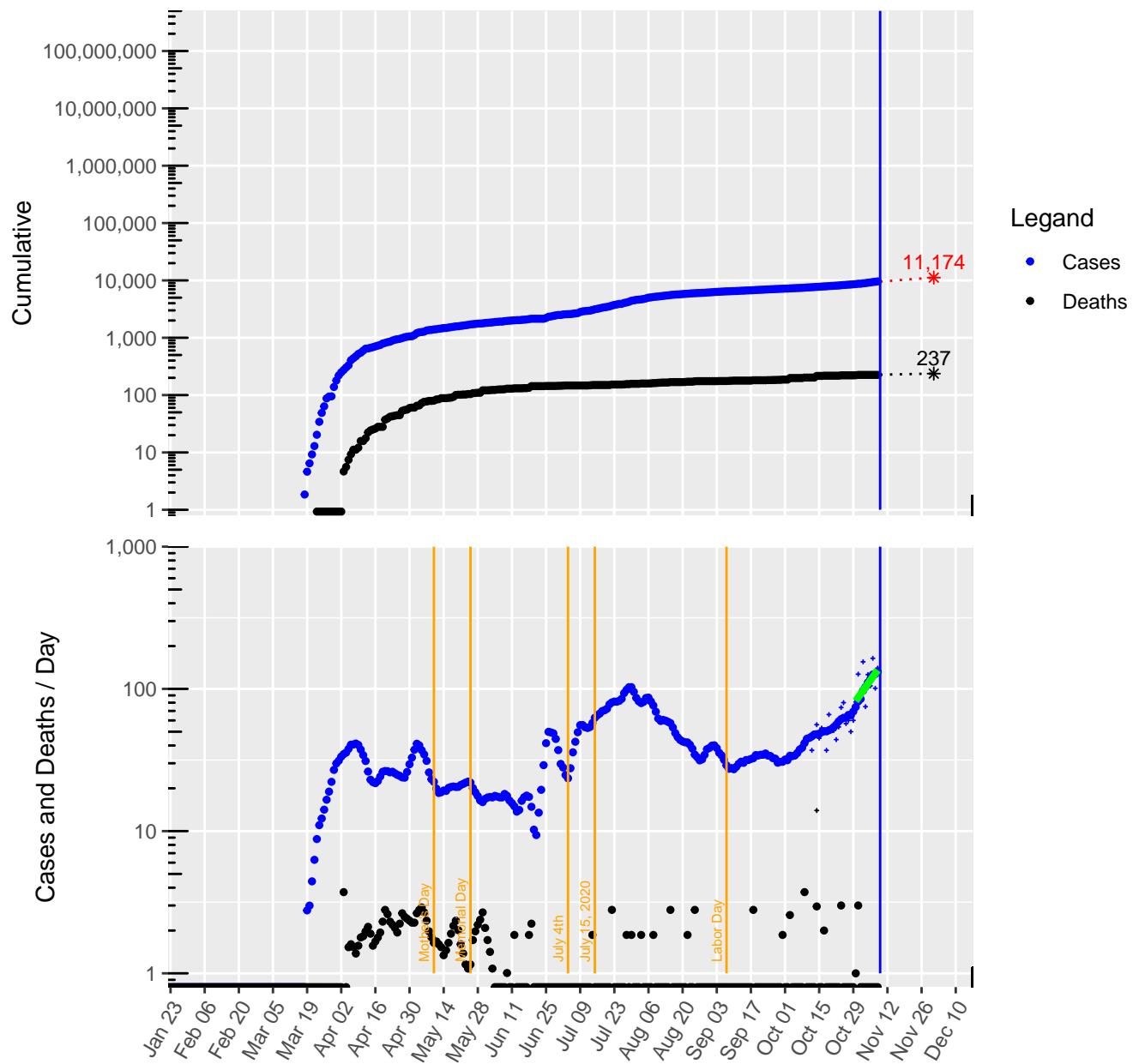
Washtenaw County, Michigan (Ann Arbor) projection as of 2020-11-09



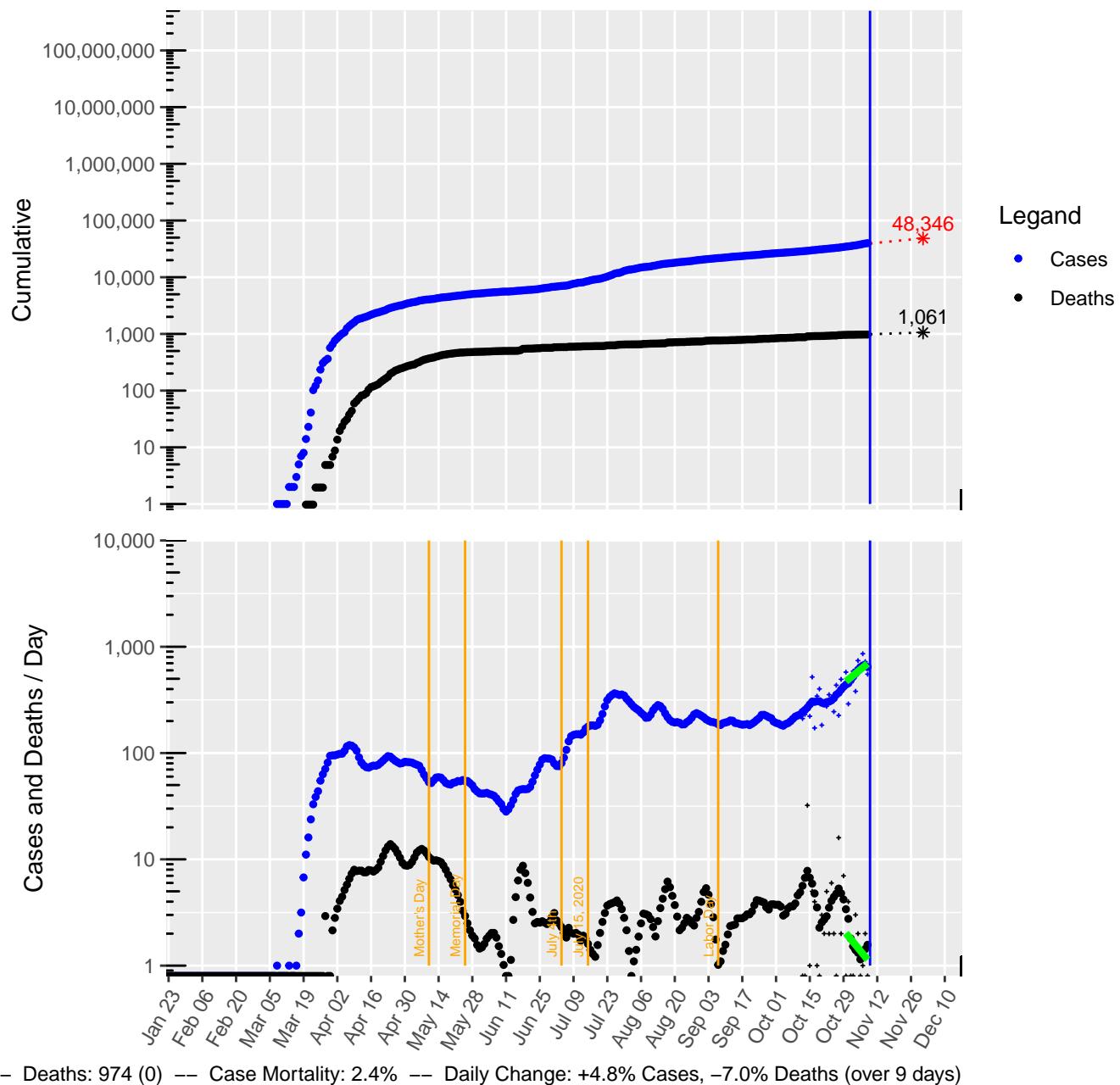
Wayne County (Detroit) projection as of 2020-11-09



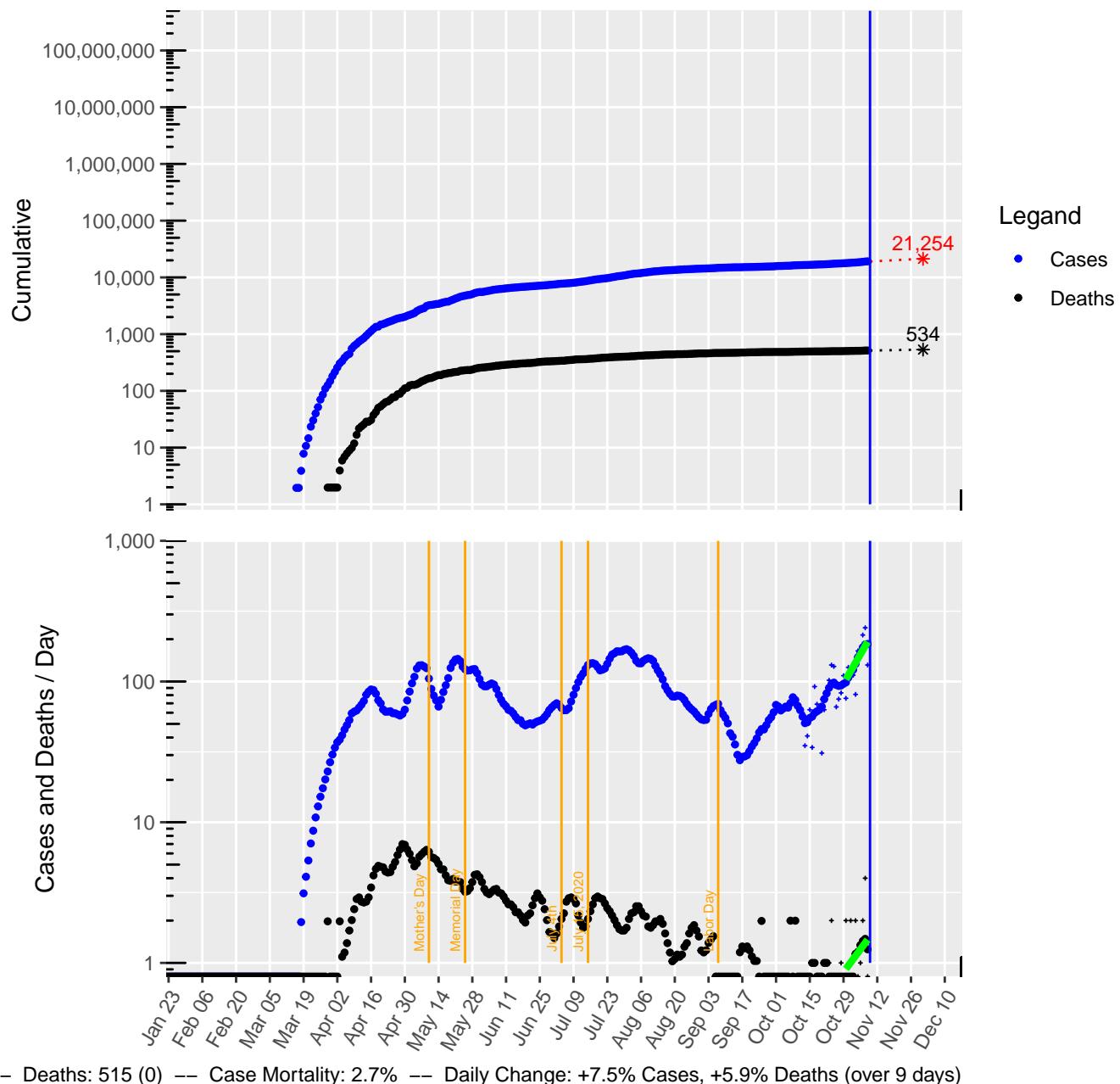
St. Louis (City) projection as of 2020-11-09



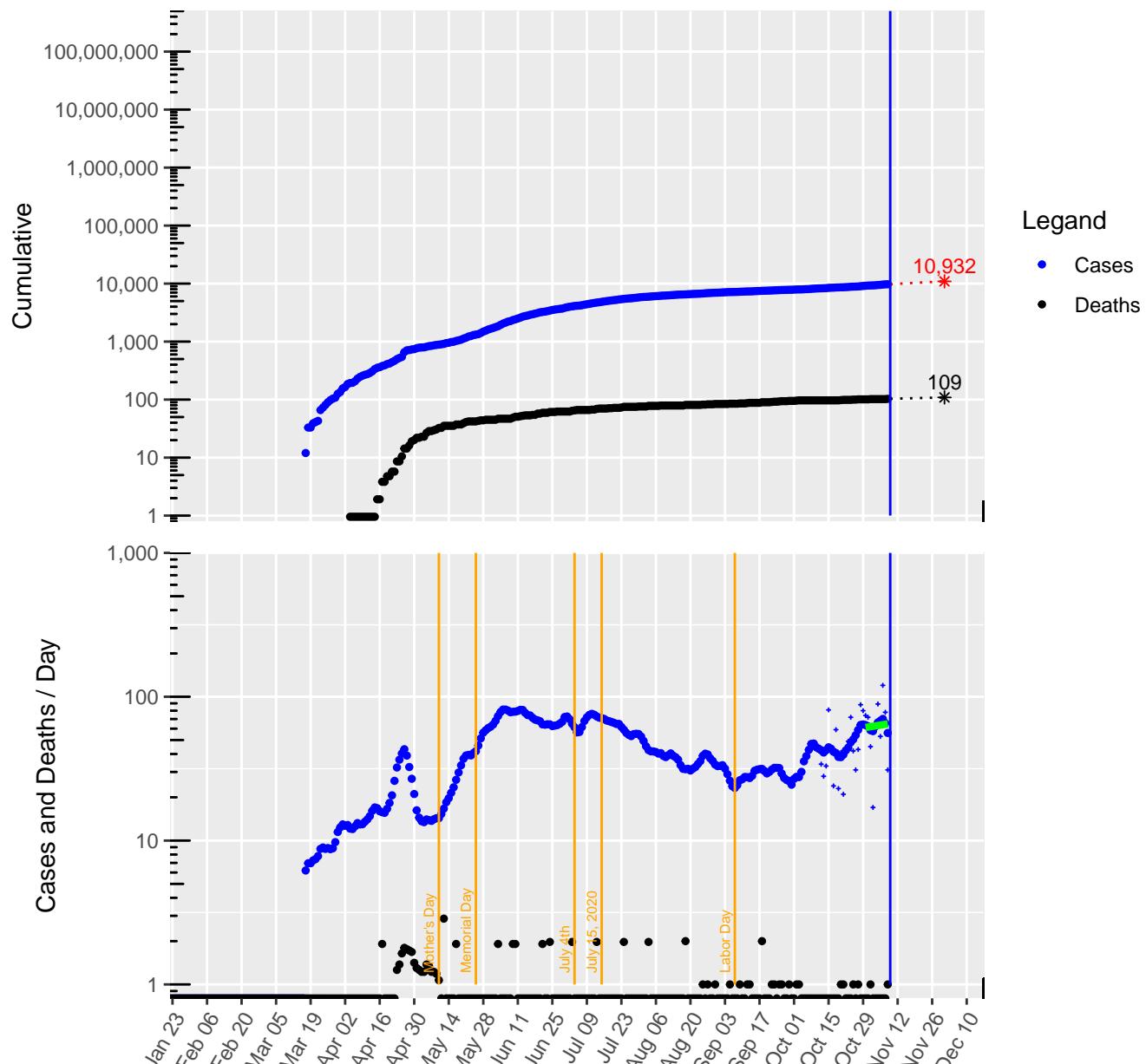
St. Louis (County) projection as of 2020-11-09



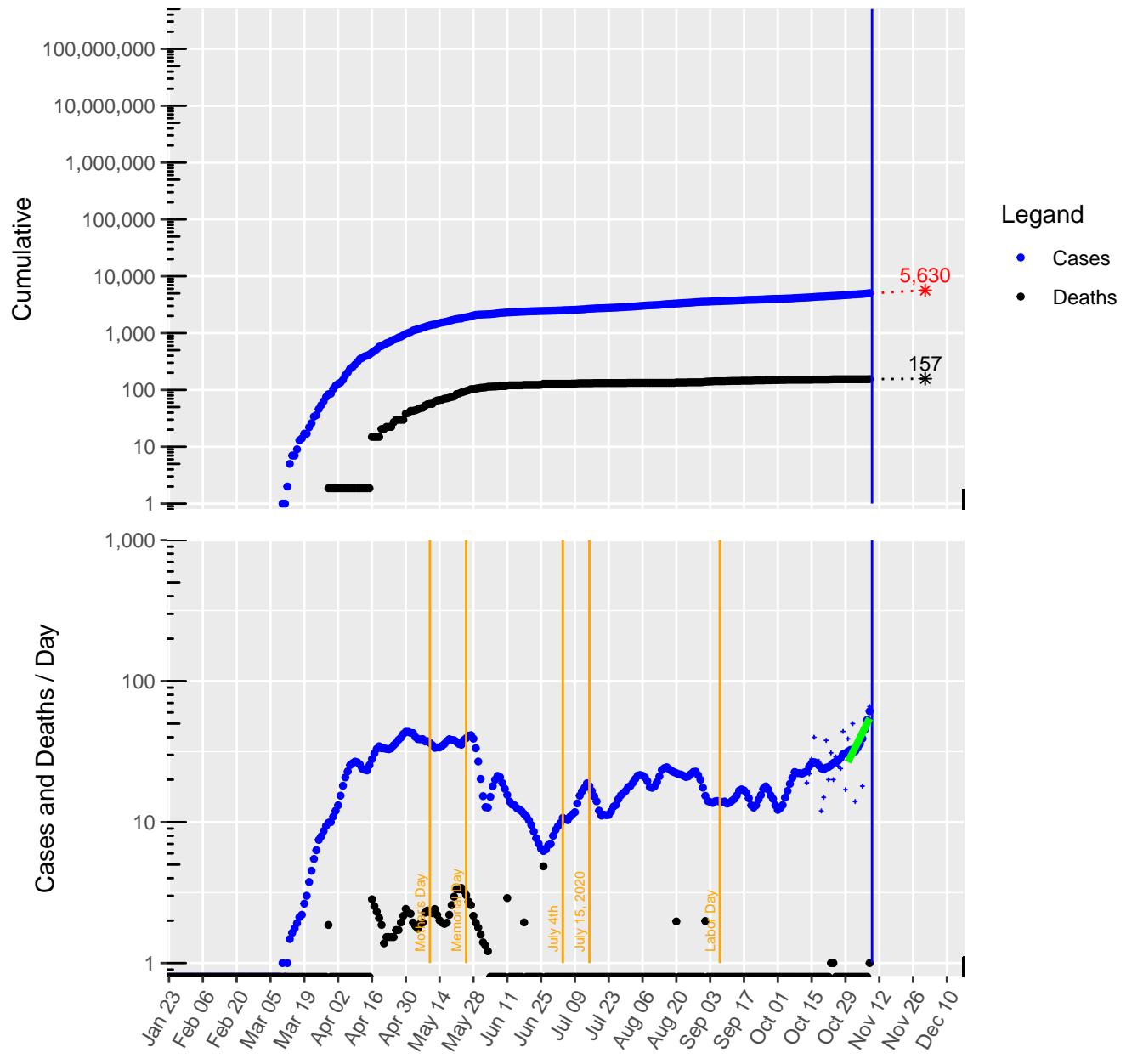
Baltimore (City) projection as of 2020-11-09



Durham County, North Carolina projection as of 2020-11-09

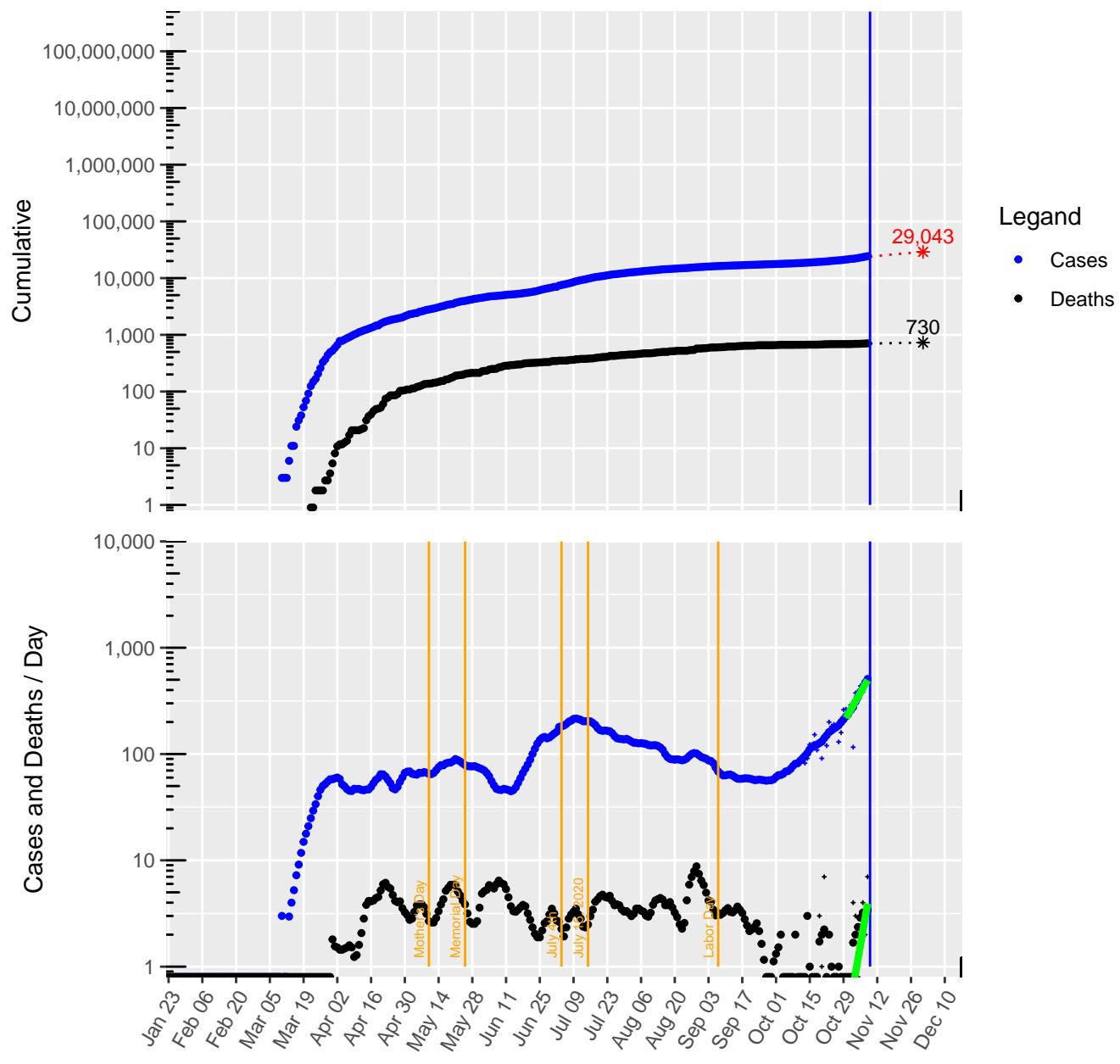


Arlington County, Virginia projection as of 2020-11-09

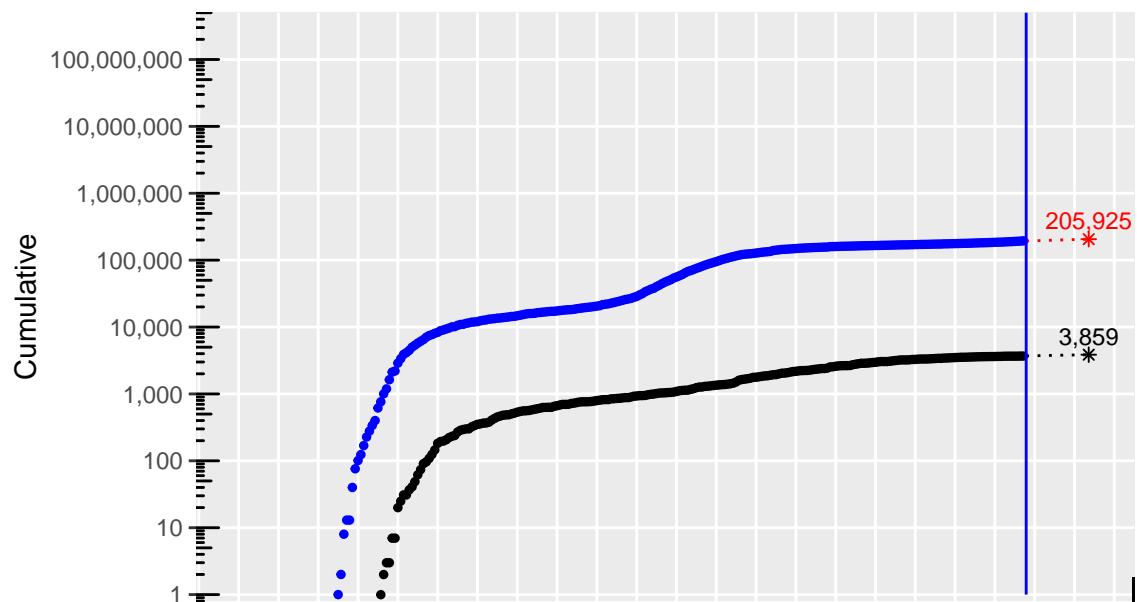


Deaths: 155 (1) — Case Mortality: 3.1% — Daily Change: +8.6% Cases, +60.0% Deaths (over 9 days)

Cuyahoga County (Cleveland) projection as of 2020-11-09

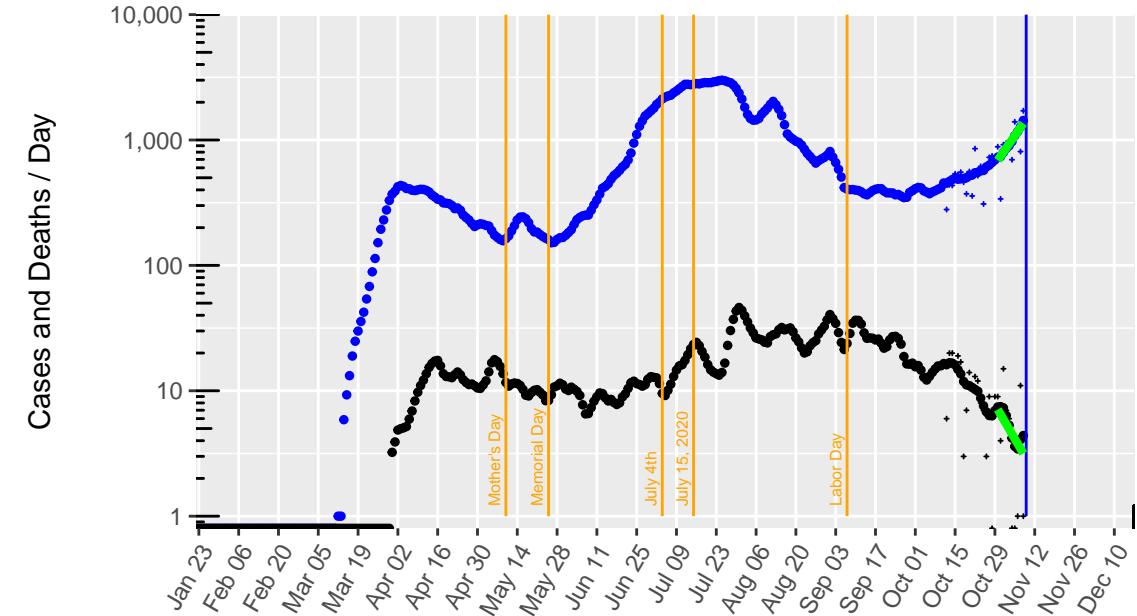


Miami–Dade projection as of 2020–11–09



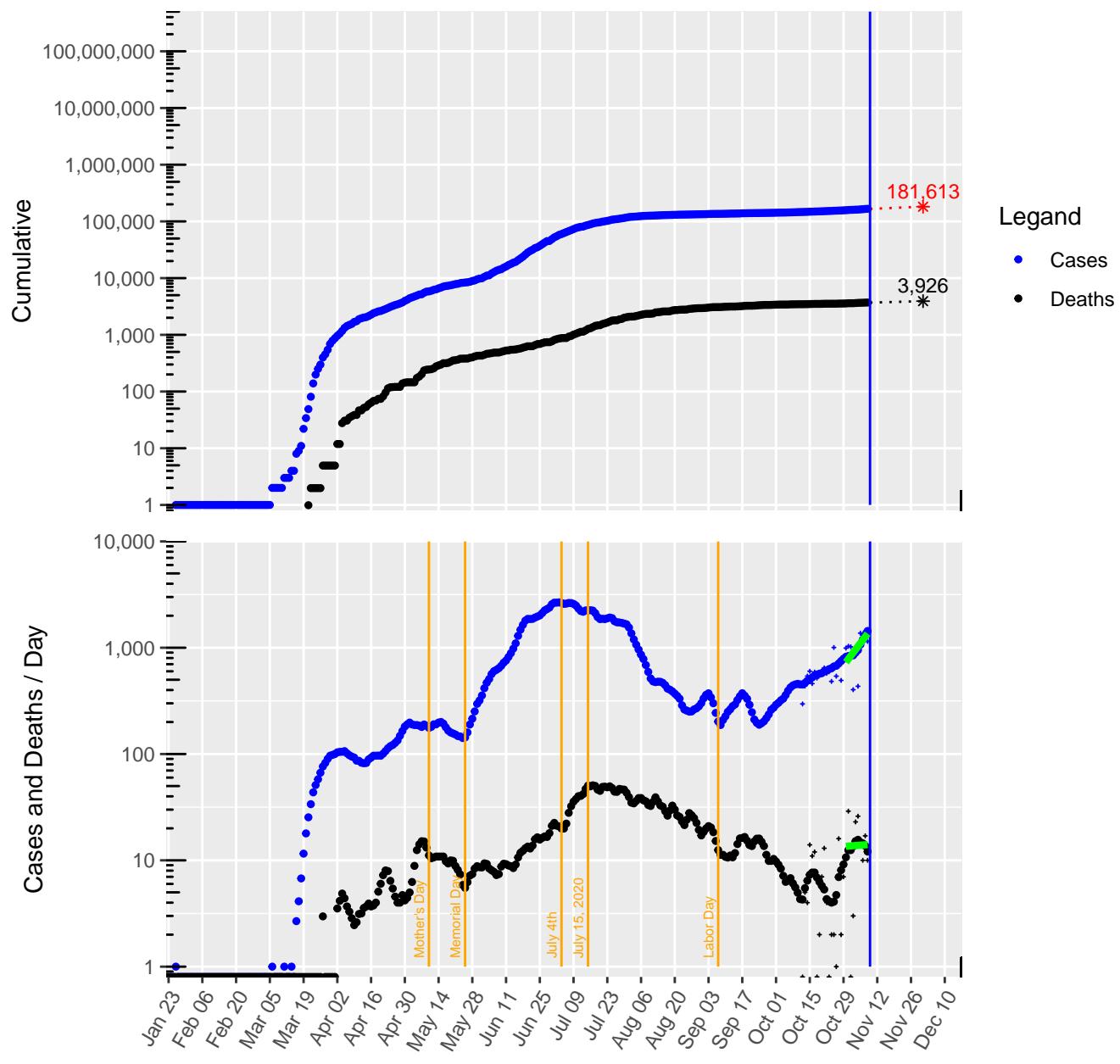
Legand

- Cases
- Deaths

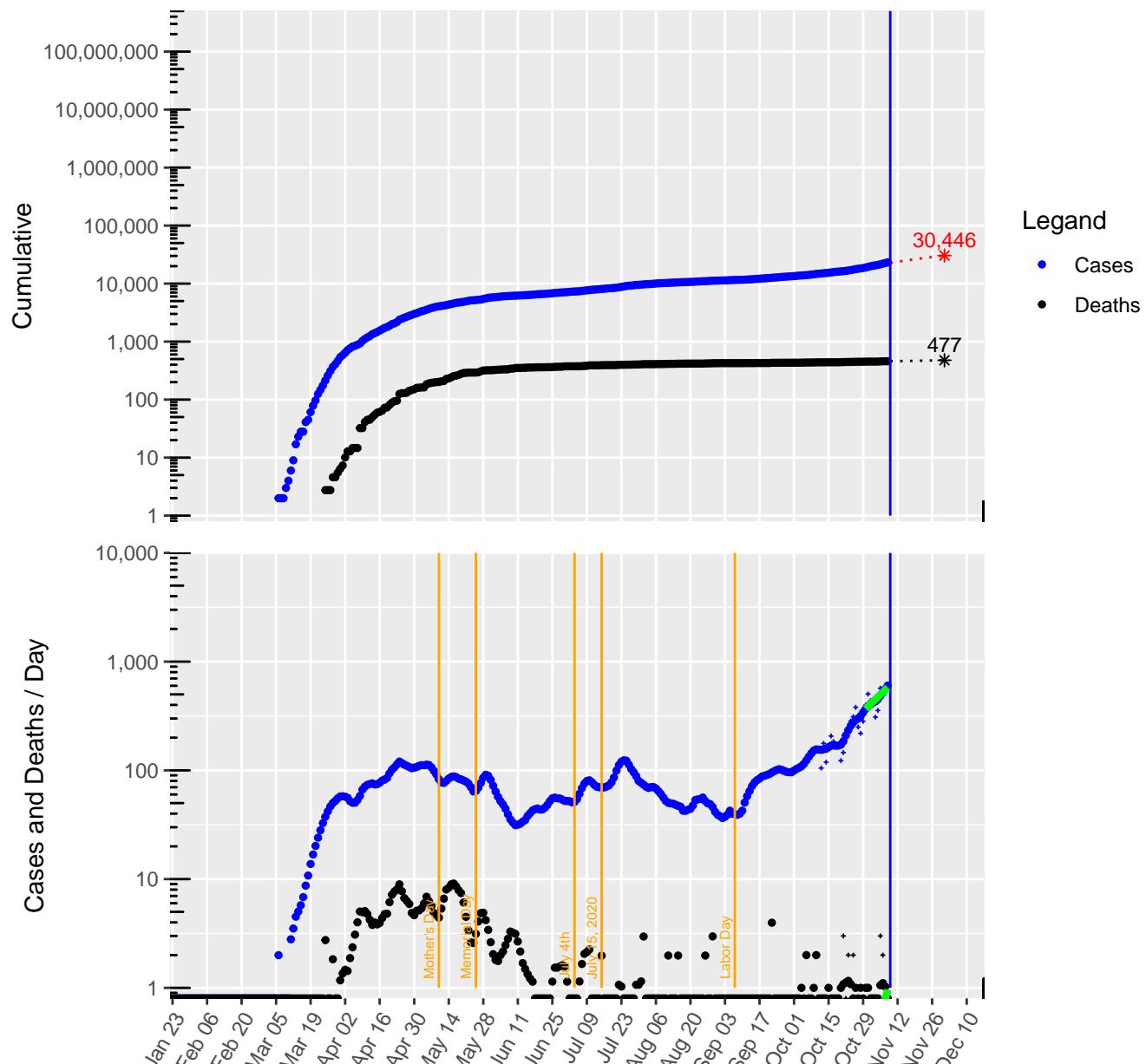


Deaths: 3,683 (1) --- Case Mortality: 1.9% --- Daily Change: +8.2% Cases, -9.6% Deaths (over 9 days)

Maricopa County, Arizona projection as of 2020-11-09

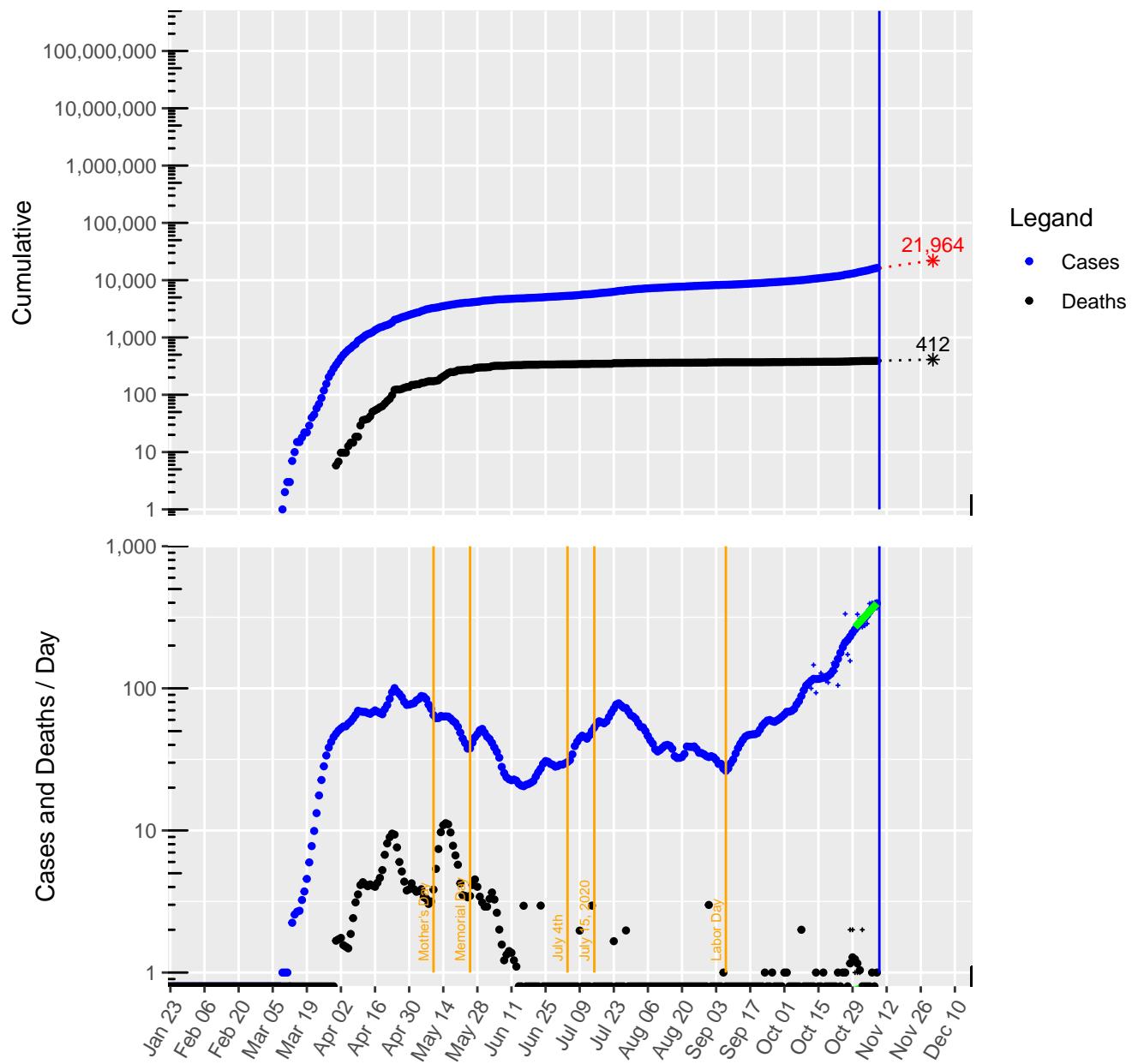


Denver County projection as of 2020-11-09

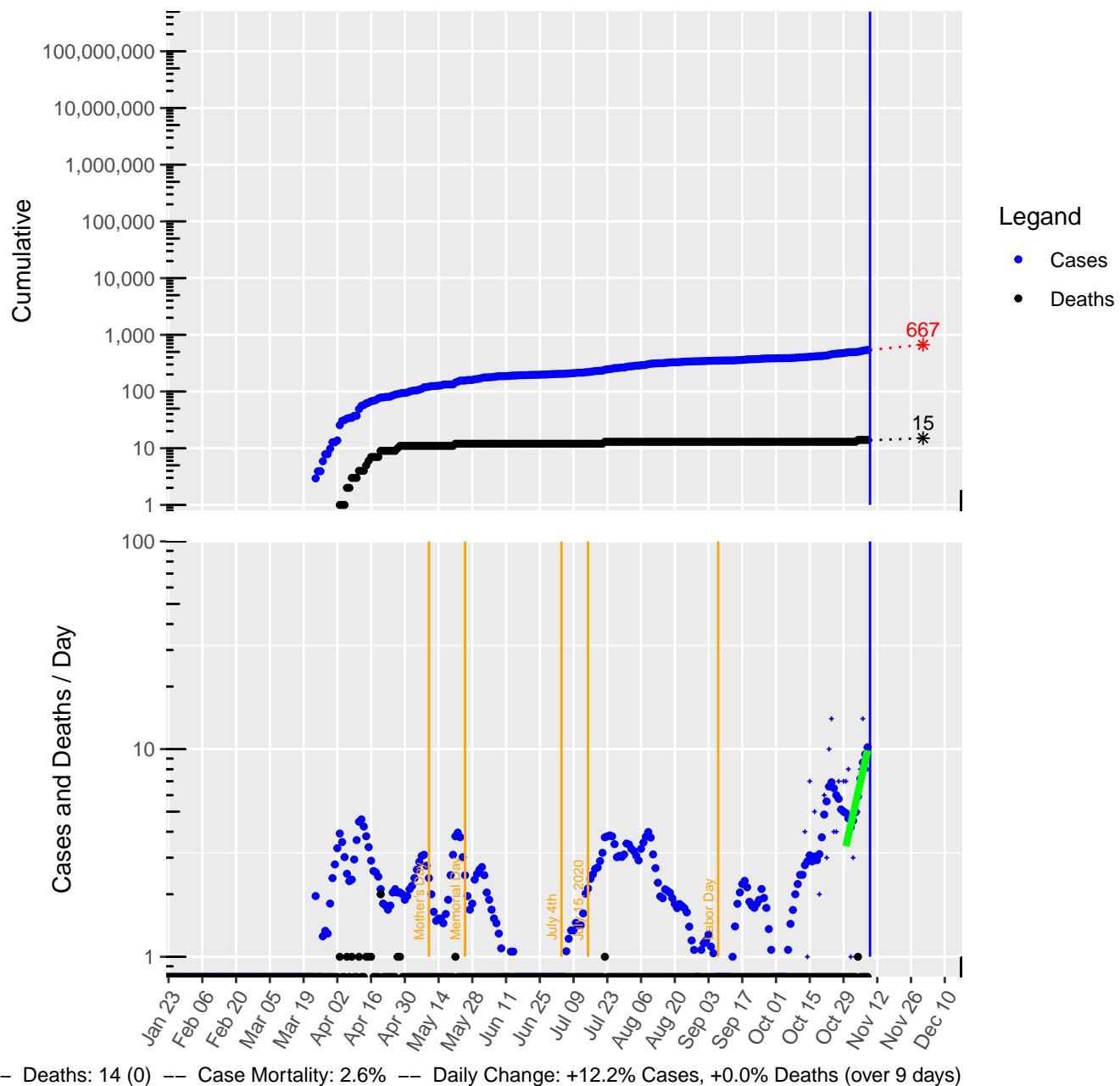


Deaths: 458 (0) --- Case Mortality: 2.0% --- Daily Change: +5.6% Cases, +17.5% Deaths (over 9 days)

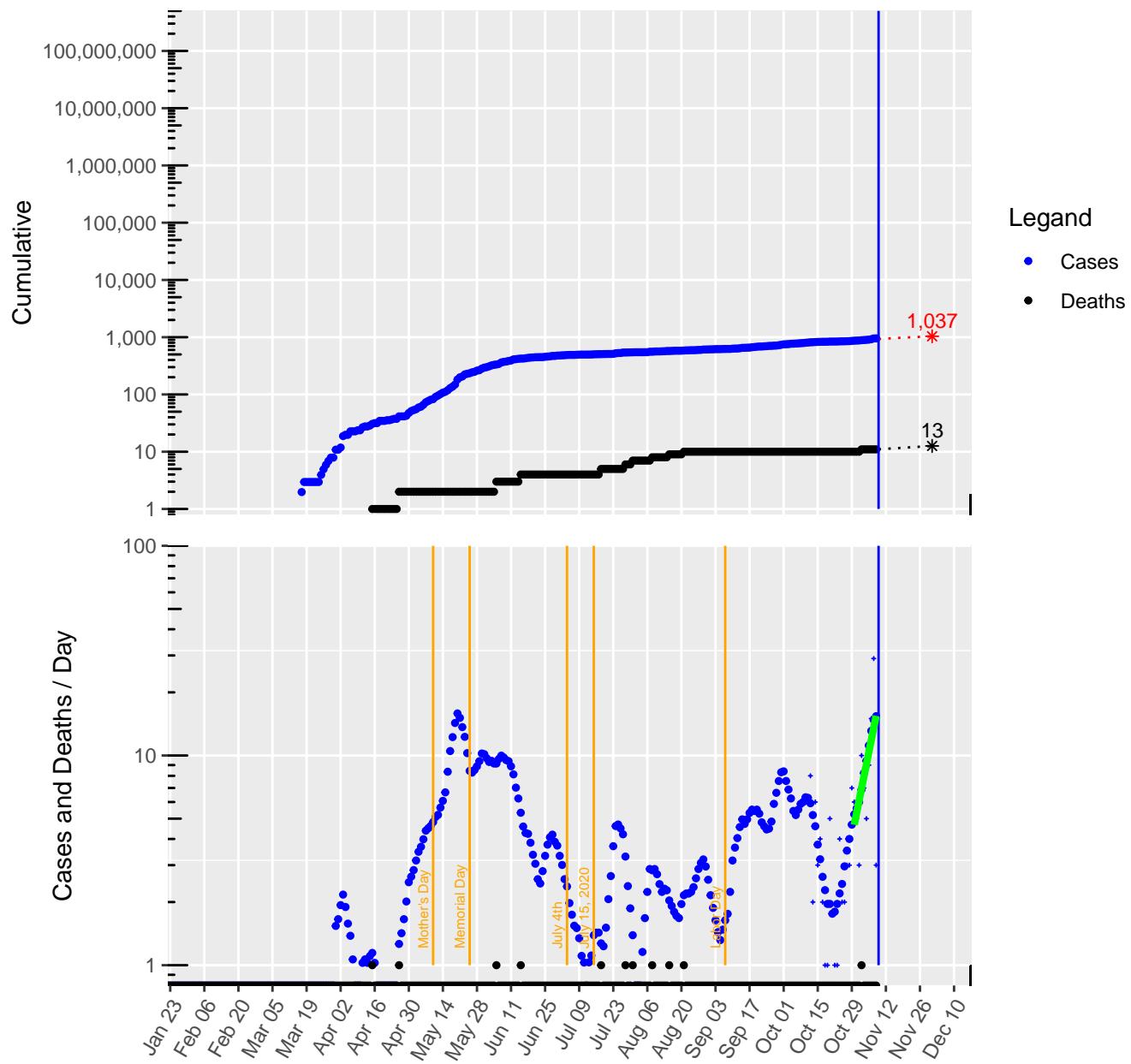
Arapahoe County, Colorado projection as of 2020-11-09



Montrose County, Colorado projection as of 2020-11-09

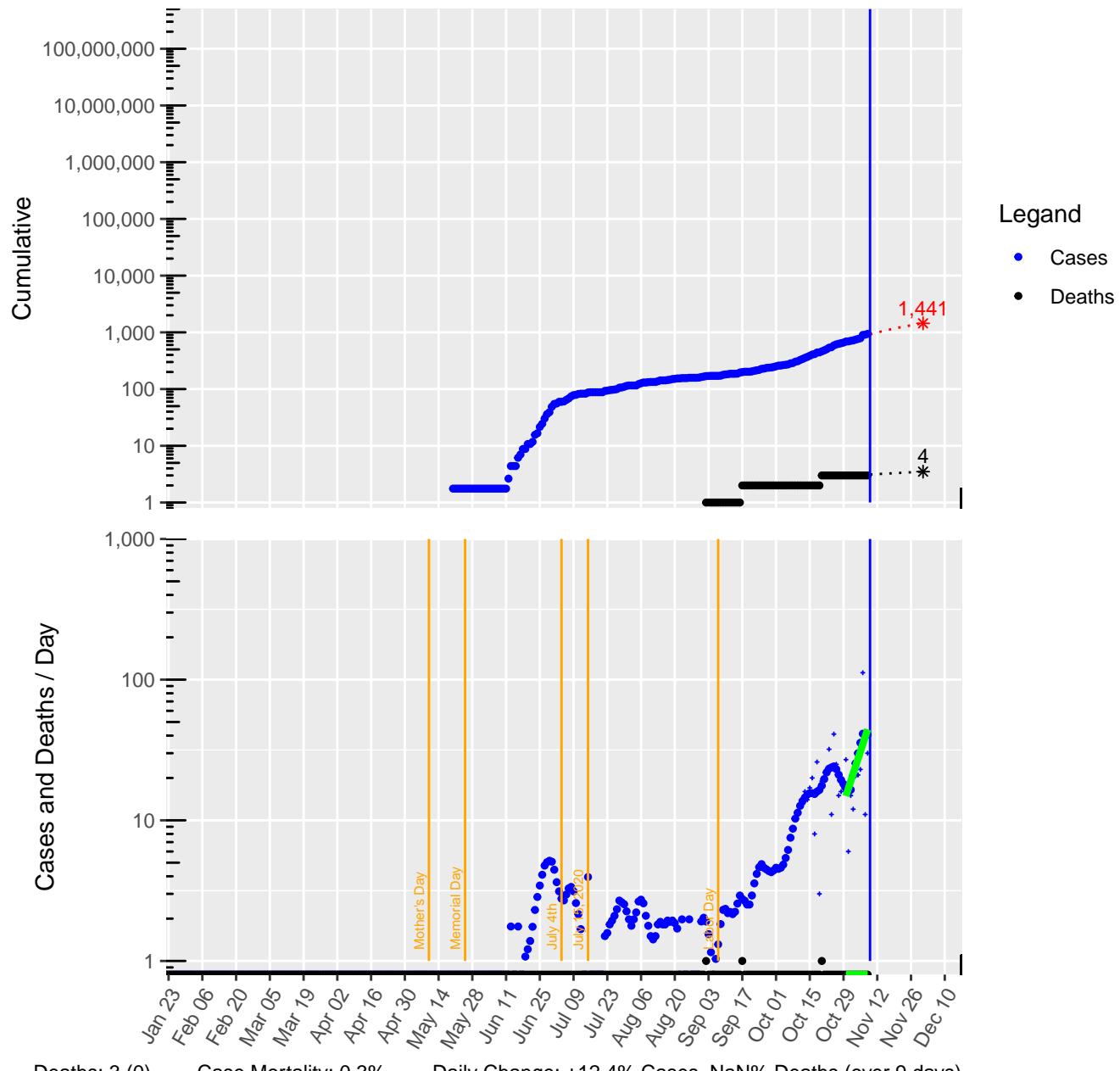


Androscoggin County, Maine projection as of 2020-11-09

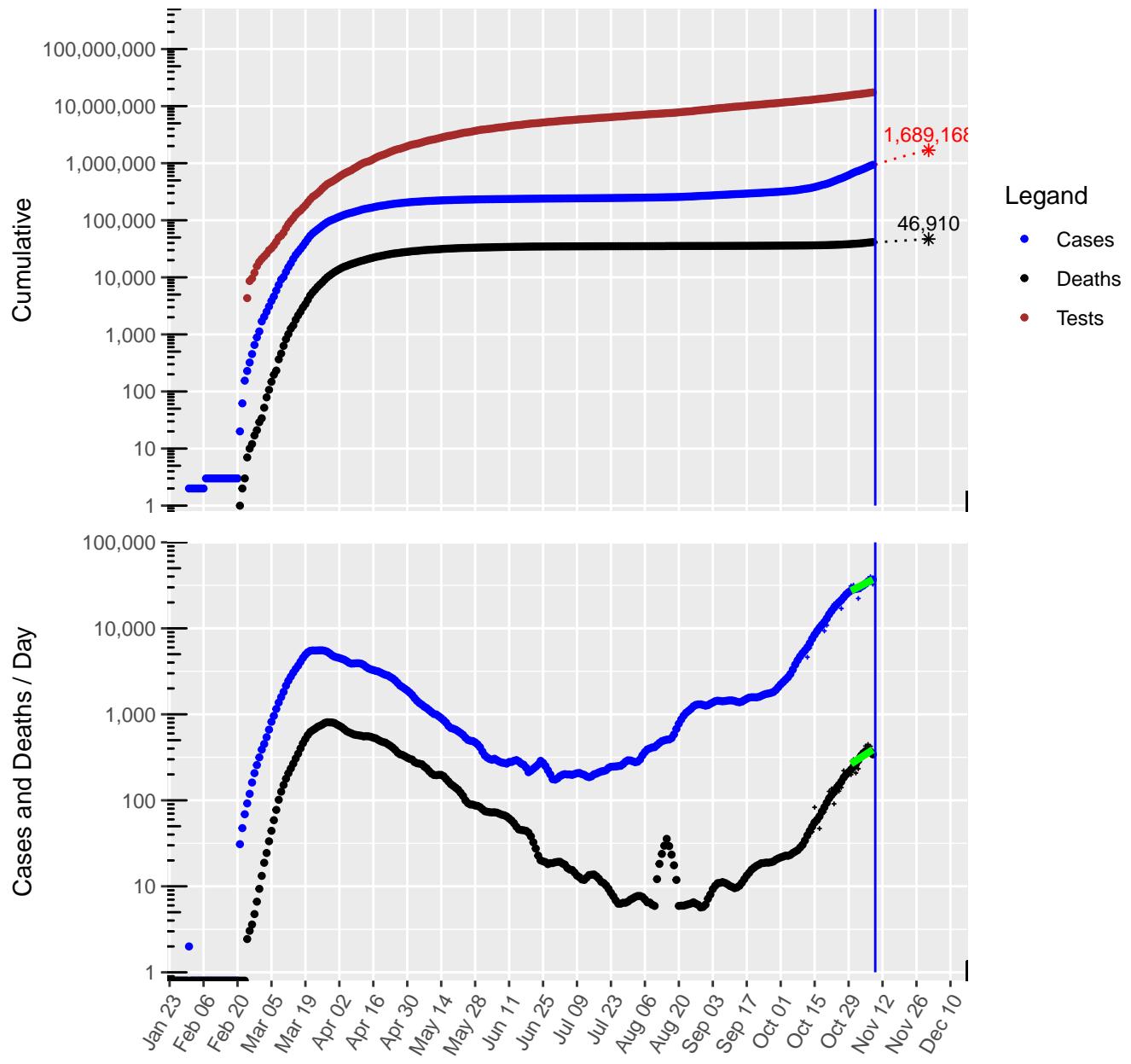


Deaths: 11 (0) — Case Mortality: 1.2% — Daily Change: +13.4% Cases, -30.0% Deaths (over 9 days)

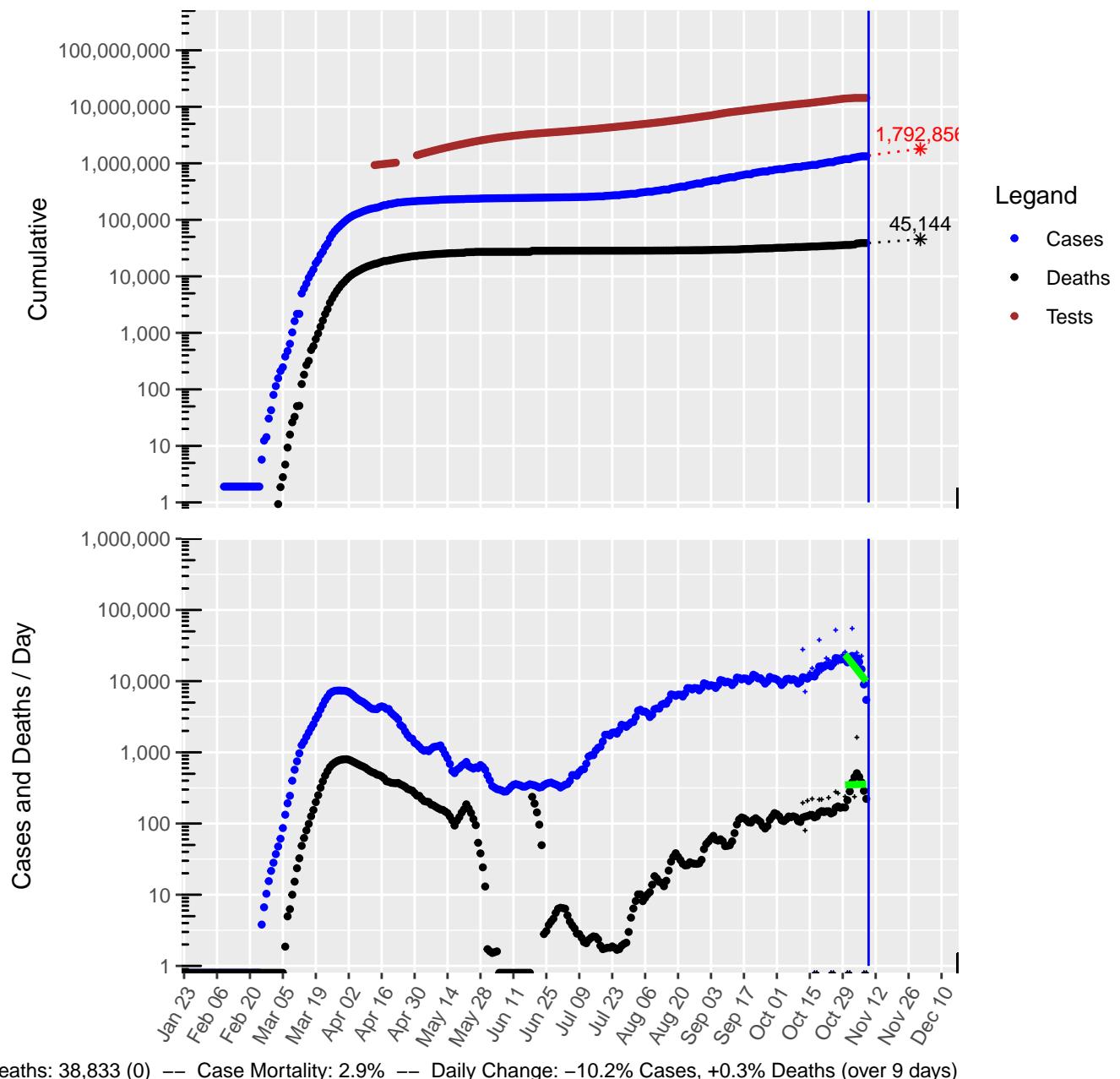
Park County, Wyoming projection as of 2020-11-09



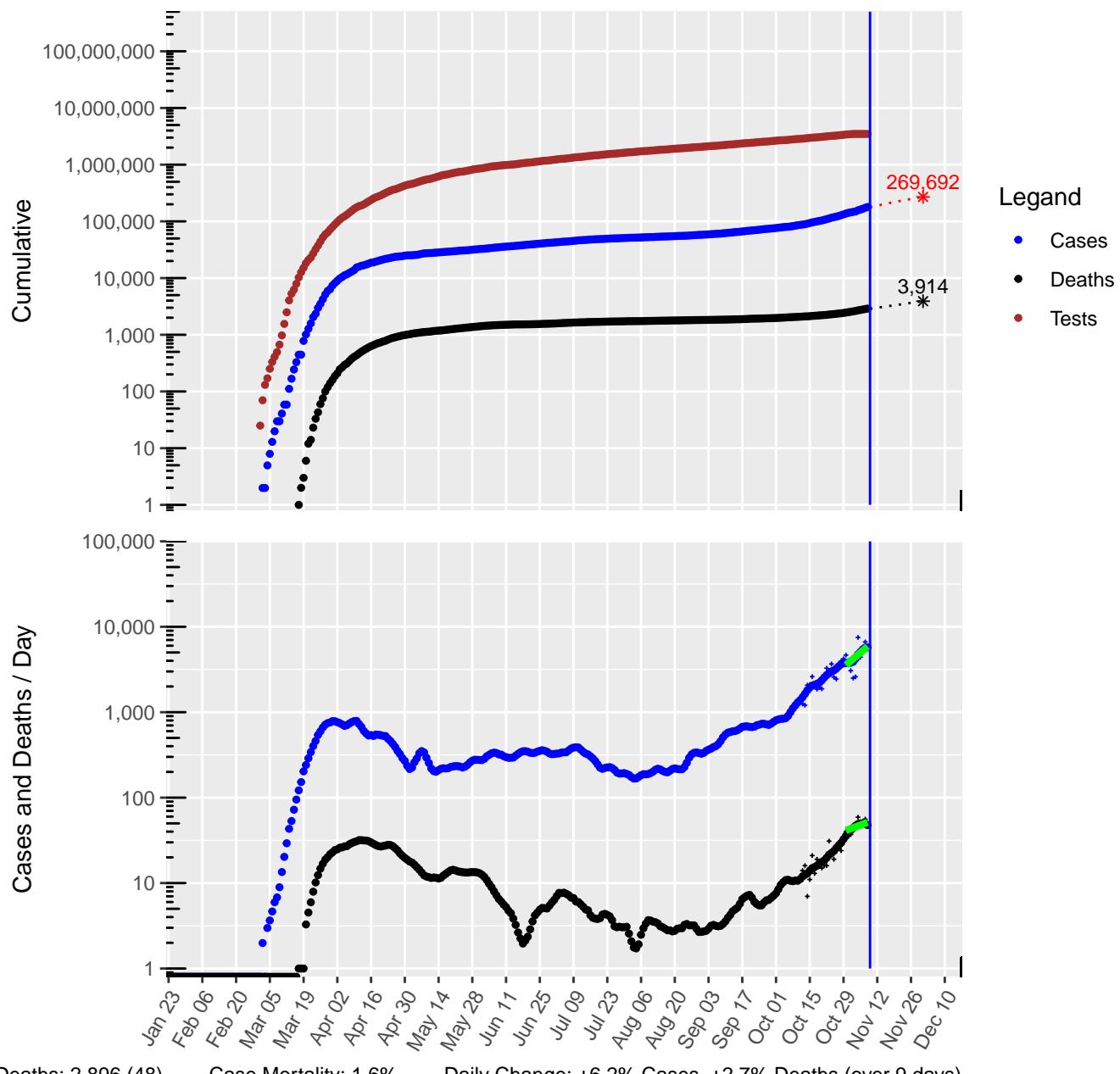
Italy projection as of 2020-11-09



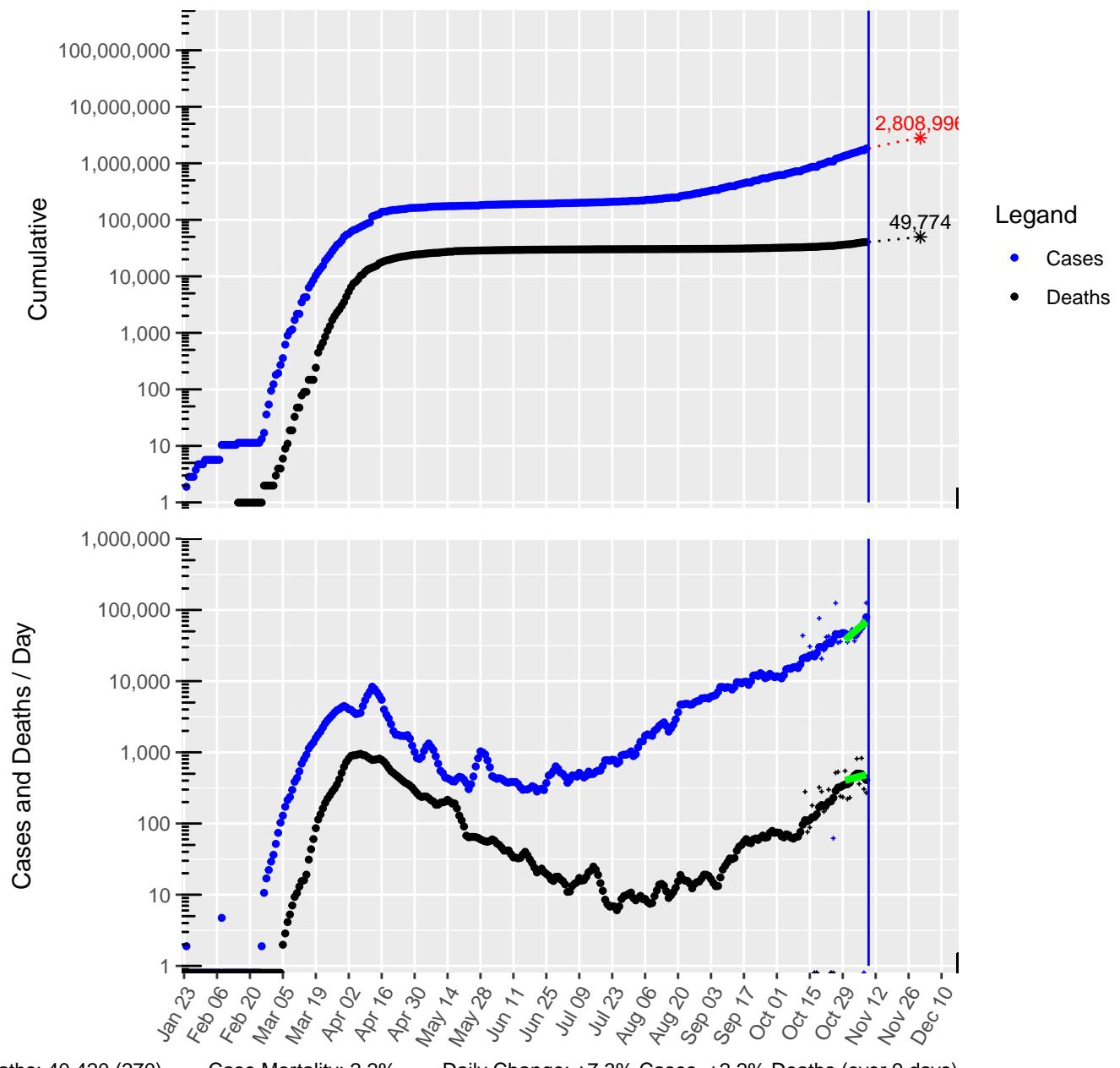
Spain projection as of 2020-11-09



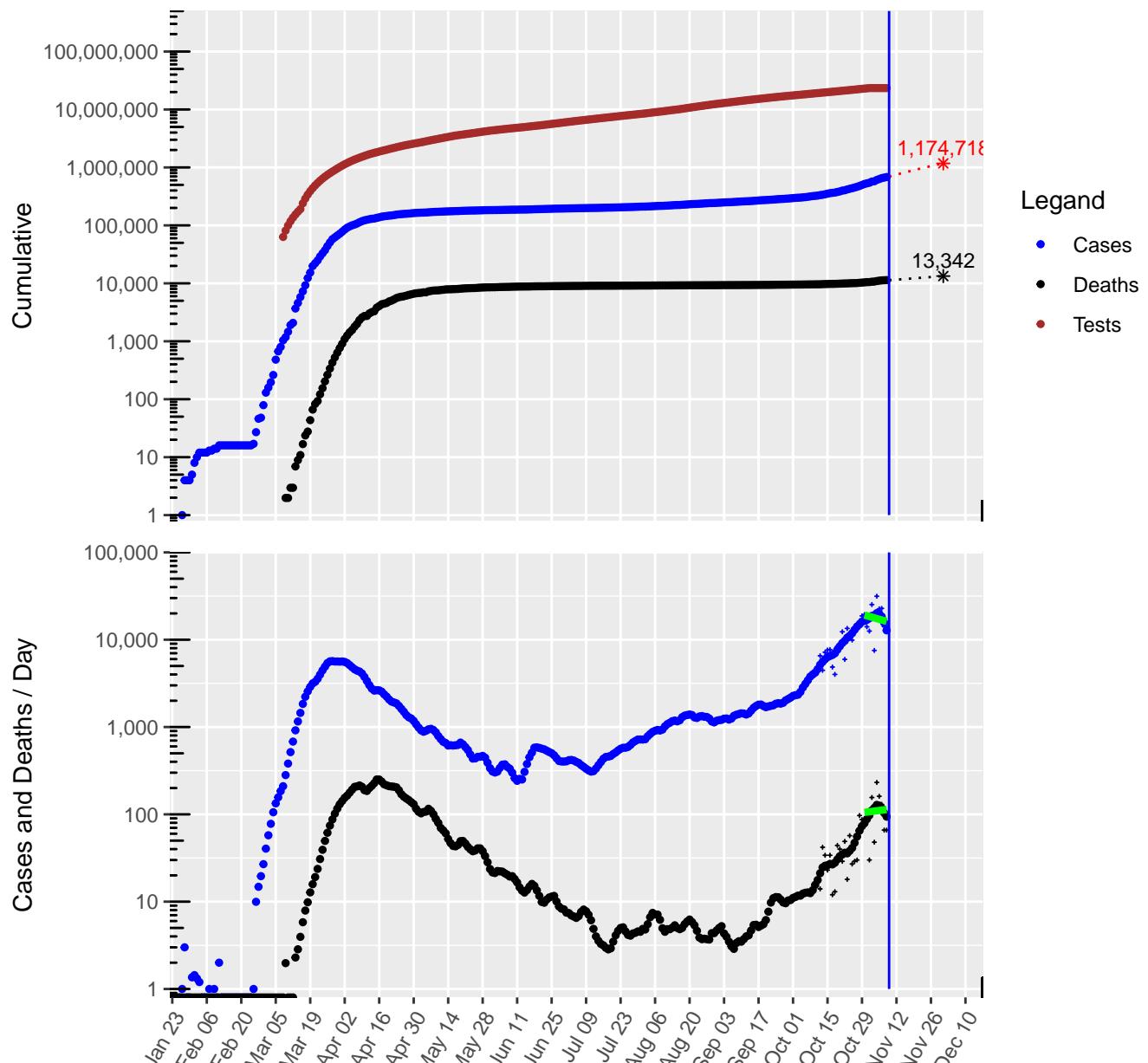
Portugal projection as of 2020-11-09



France projection as of 2020-11-09

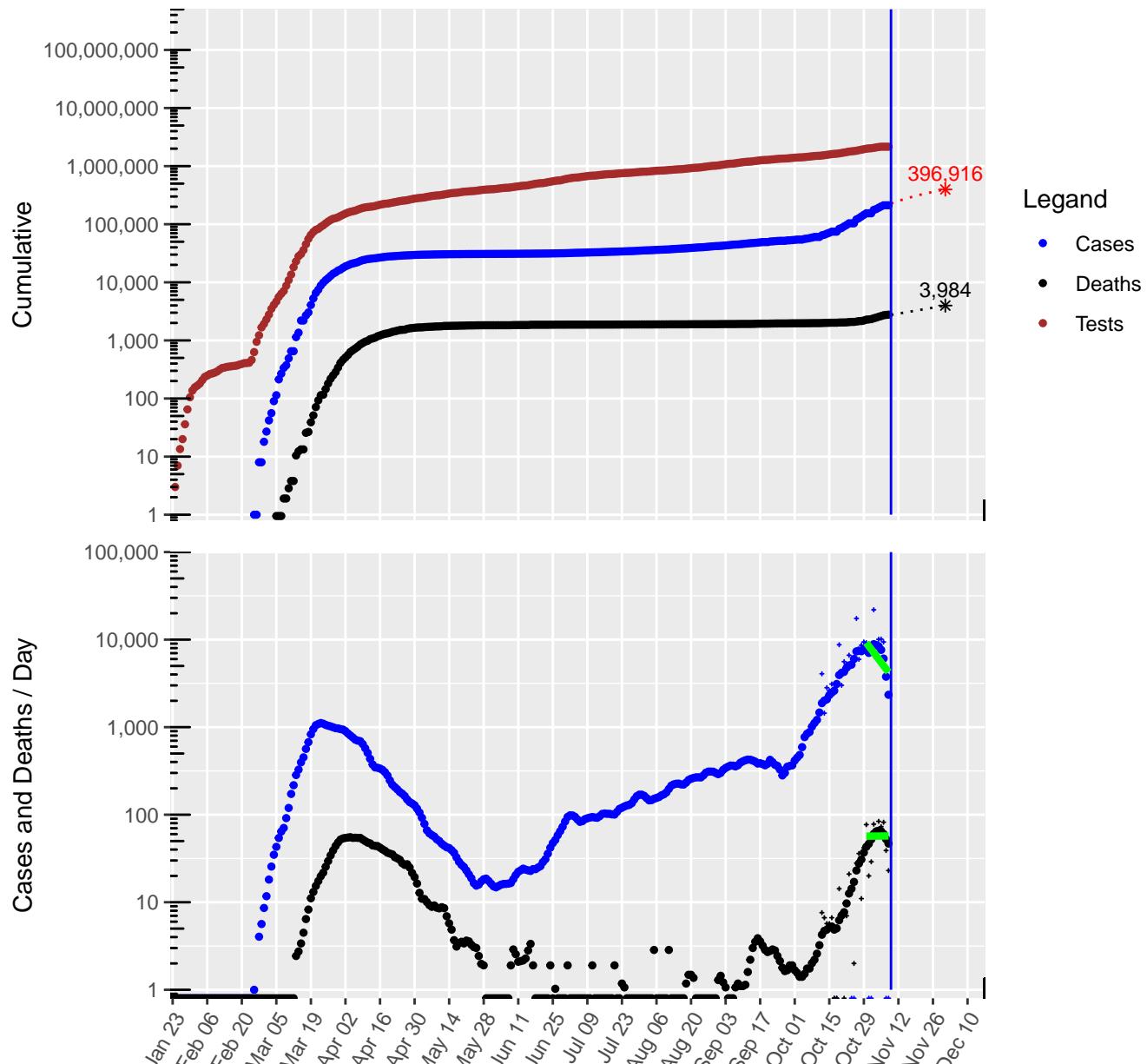


Germany projection as of 2020-11-09



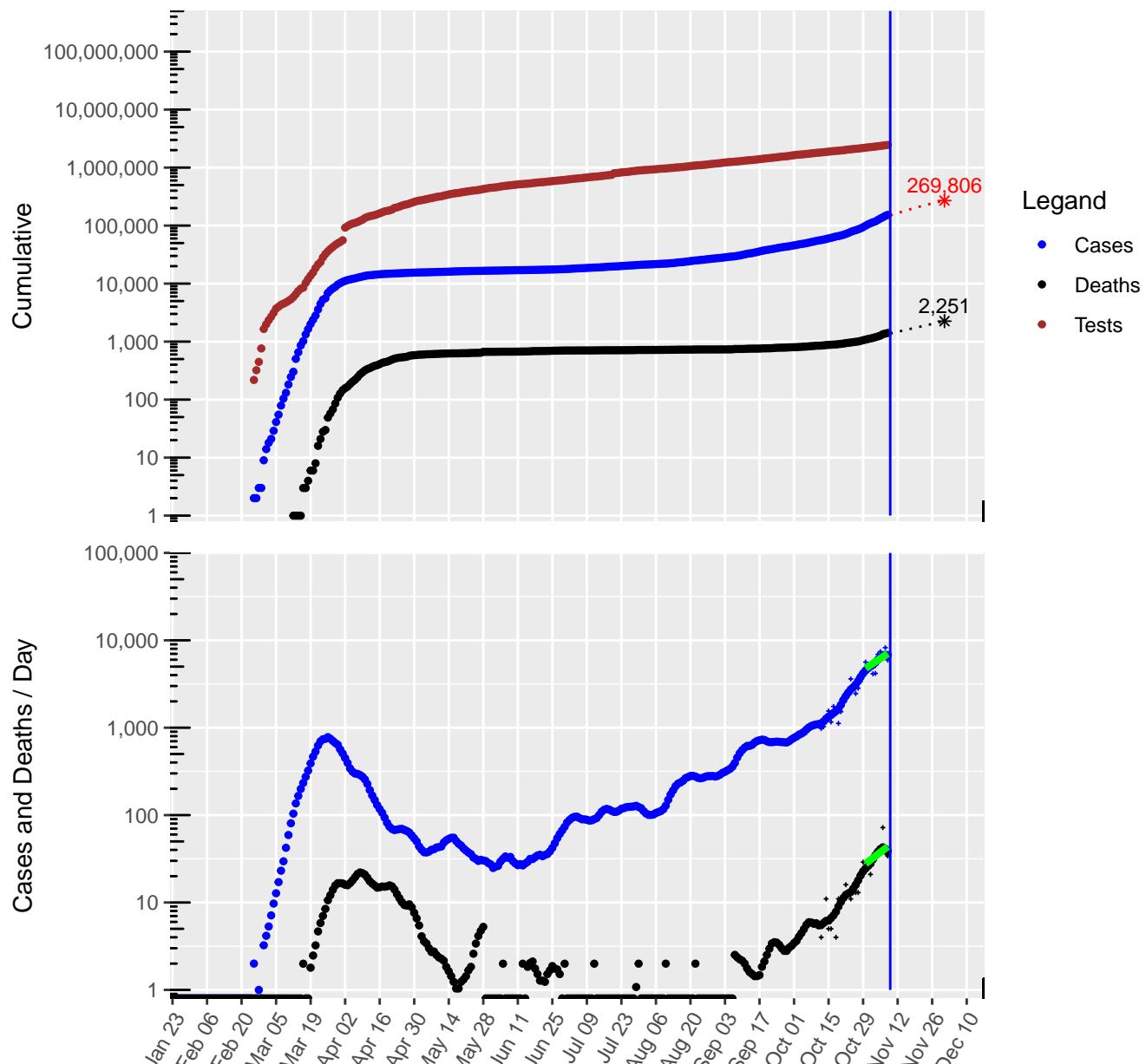
Deaths: 11,372 (66) --- Case Mortality: 1.7% --- Daily Change: -2.1% Cases, +0.9% Deaths (over 9 days)

Switzerland projection as of 2020-11-09



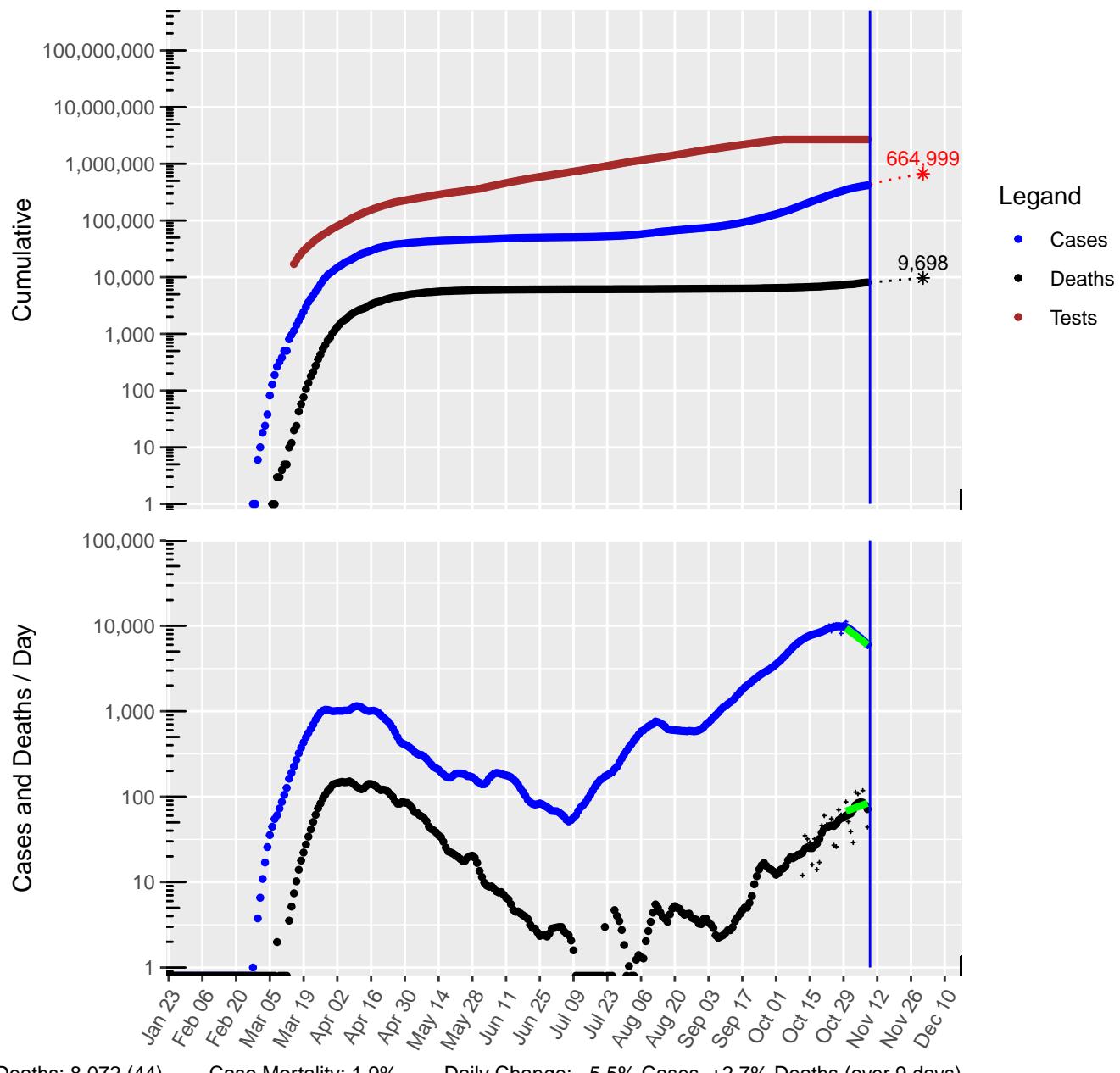
Deaths: 2,772 (23) --- Case Mortality: 1.3% --- Daily Change: -9.2% Cases, +0.1% Deaths (over 9 days)

Austria projection as of 2020-11-09

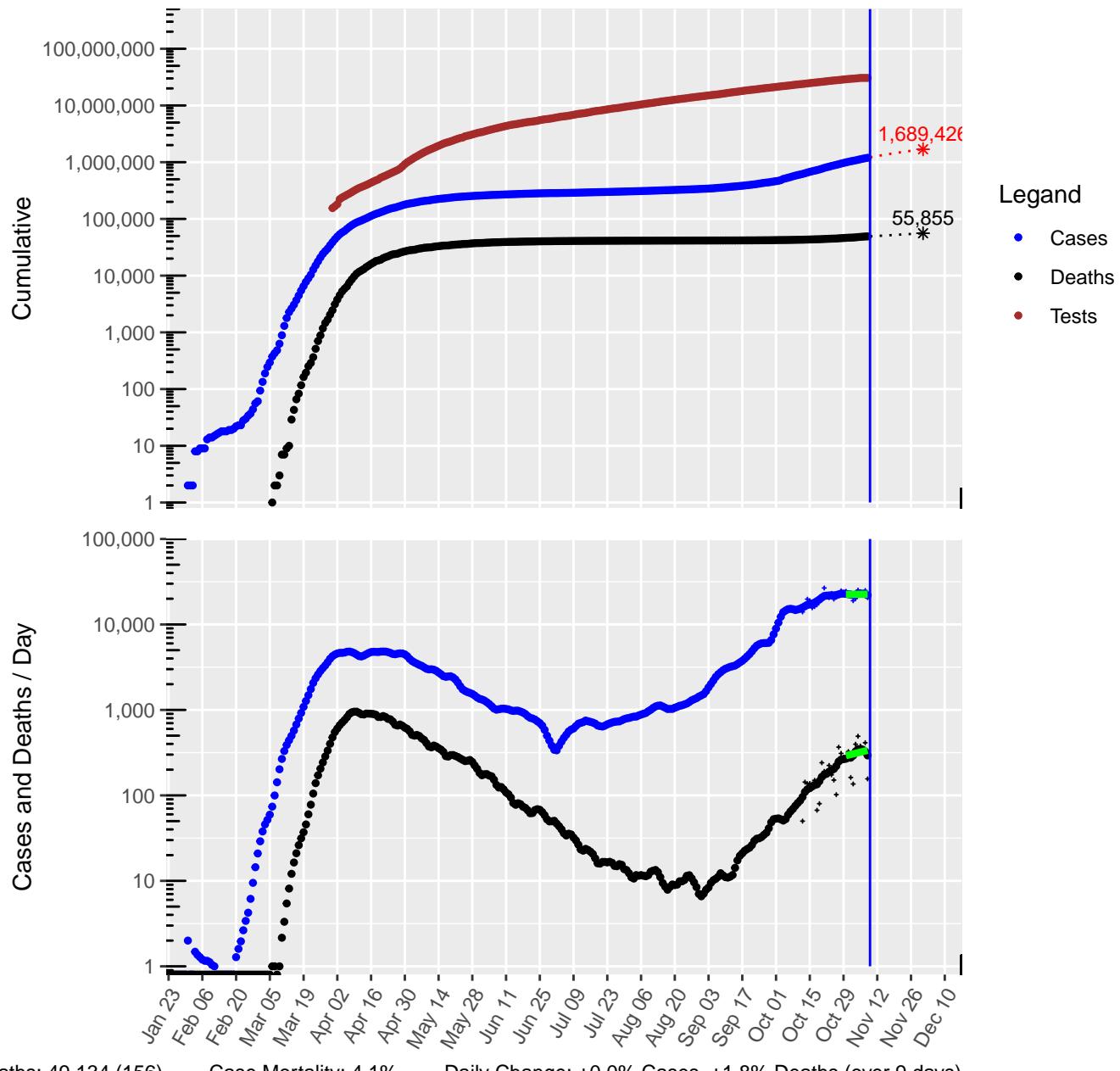


Deaths: 1,411 (34) --- Case Mortality: 0.9% --- Daily Change: +4.8% Cases, +5.6% Deaths (over 9 days)

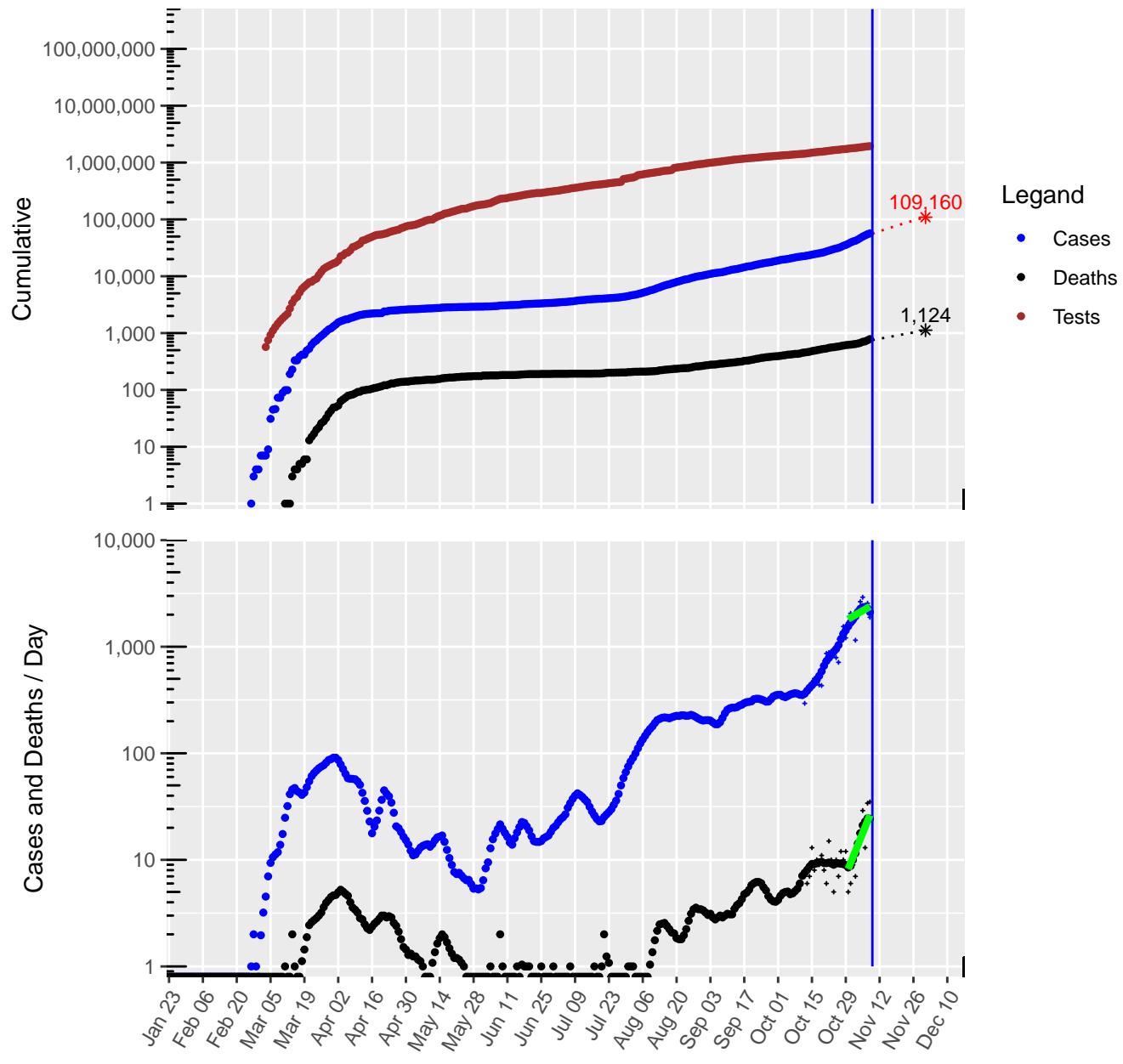
Netherlands projection as of 2020-11-09



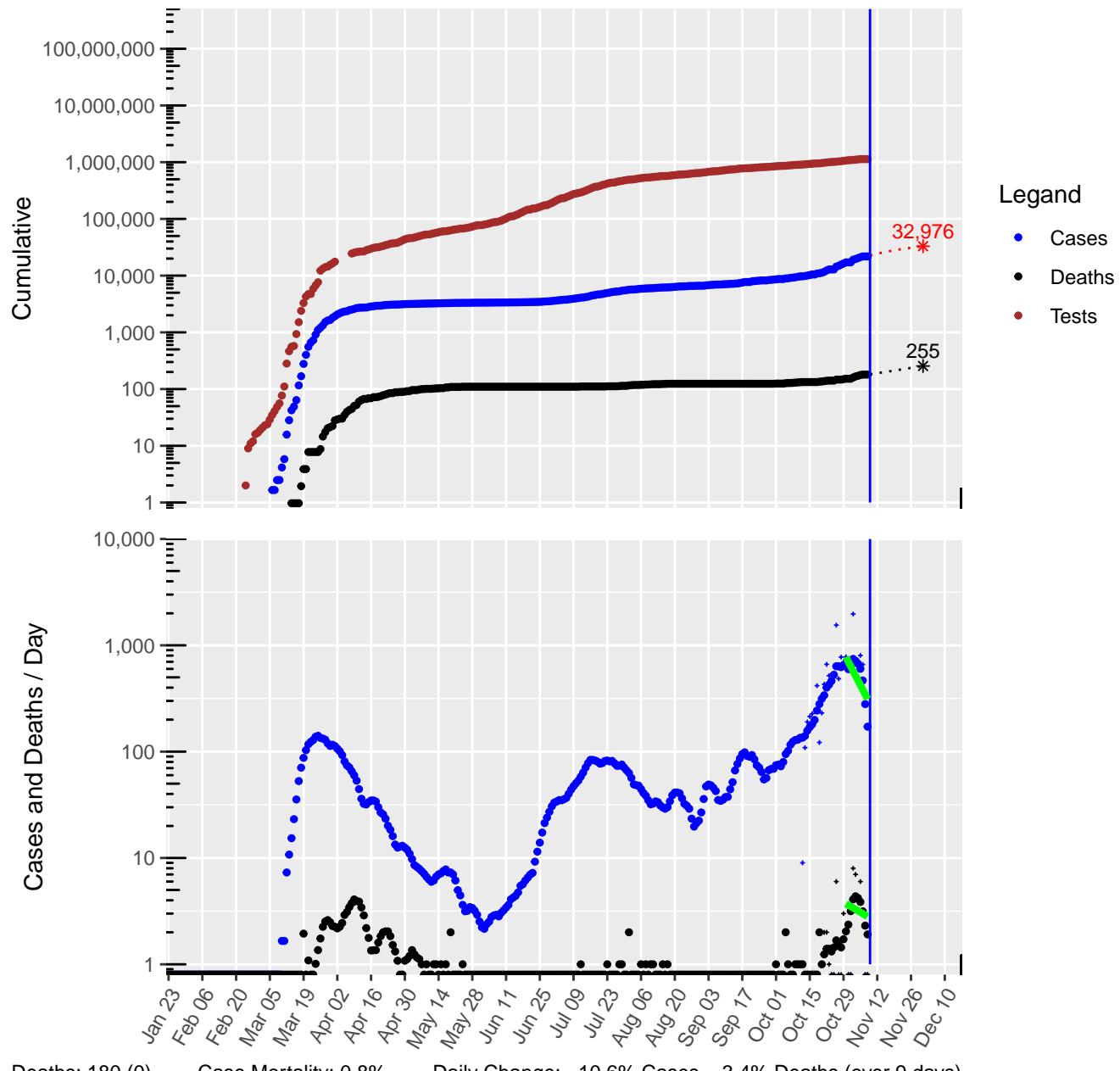
United Kingdom projection as of 2020-11-09



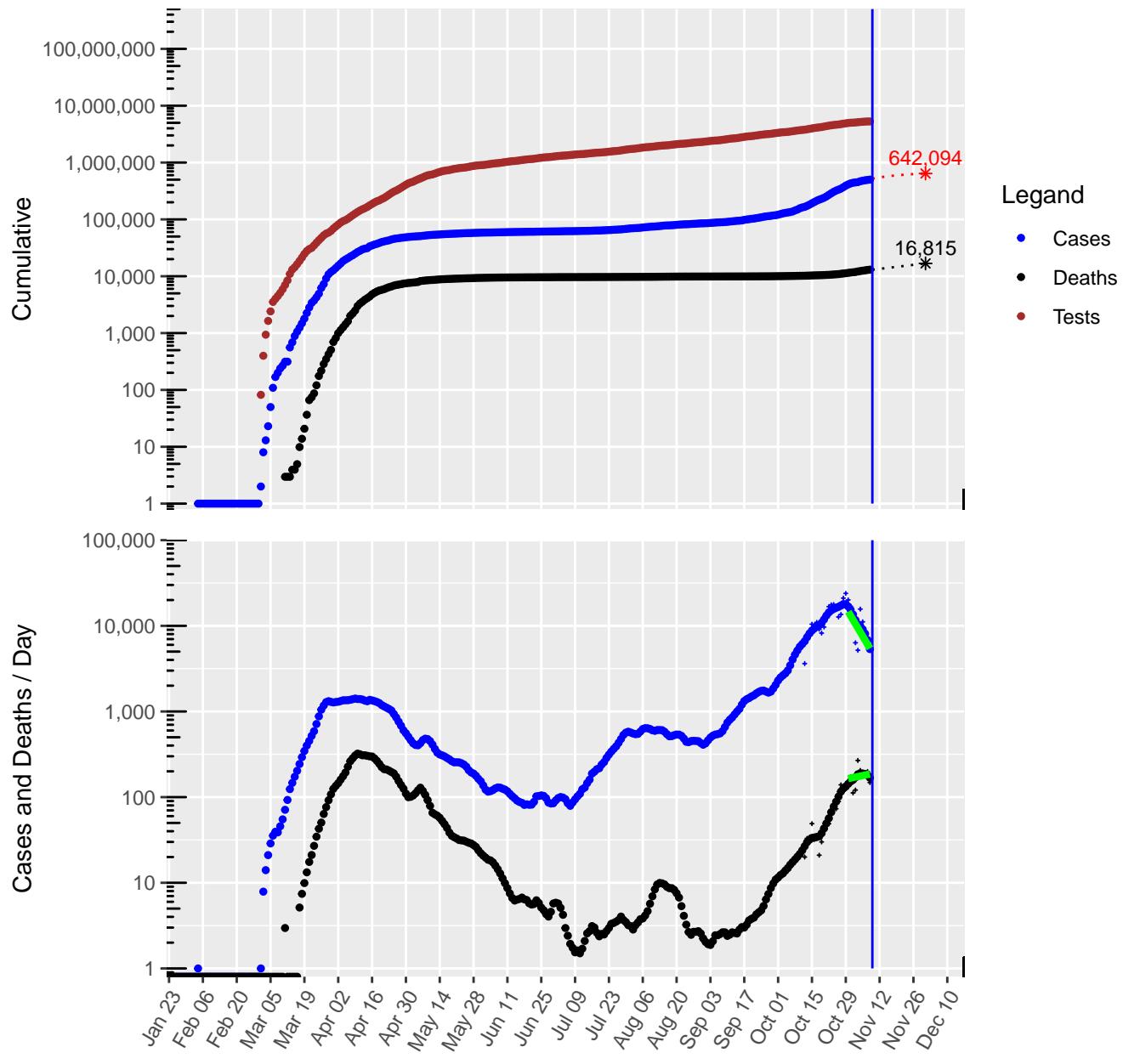
Greece projection as of 2020-11-09



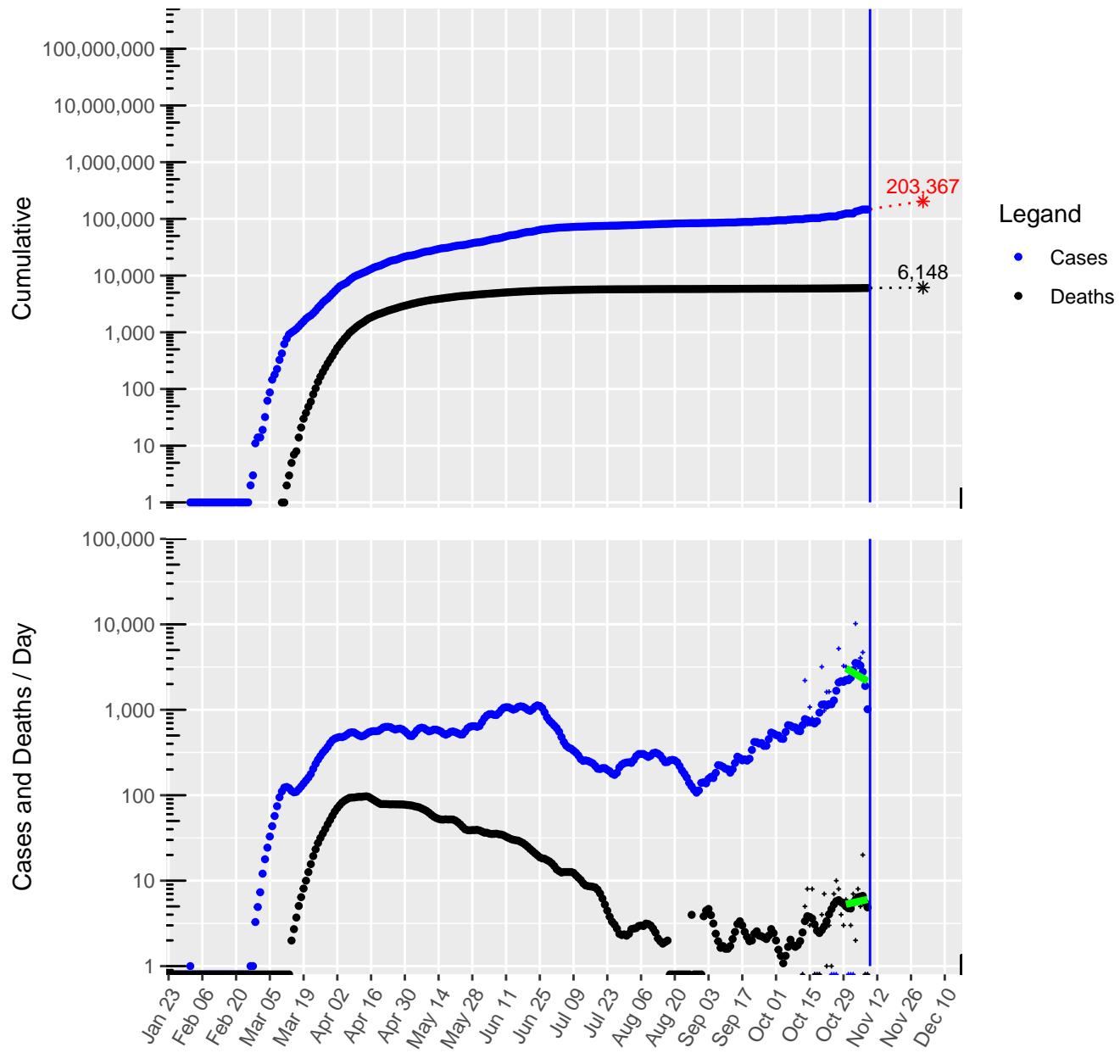
Luxembourg projection as of 2020-11-09



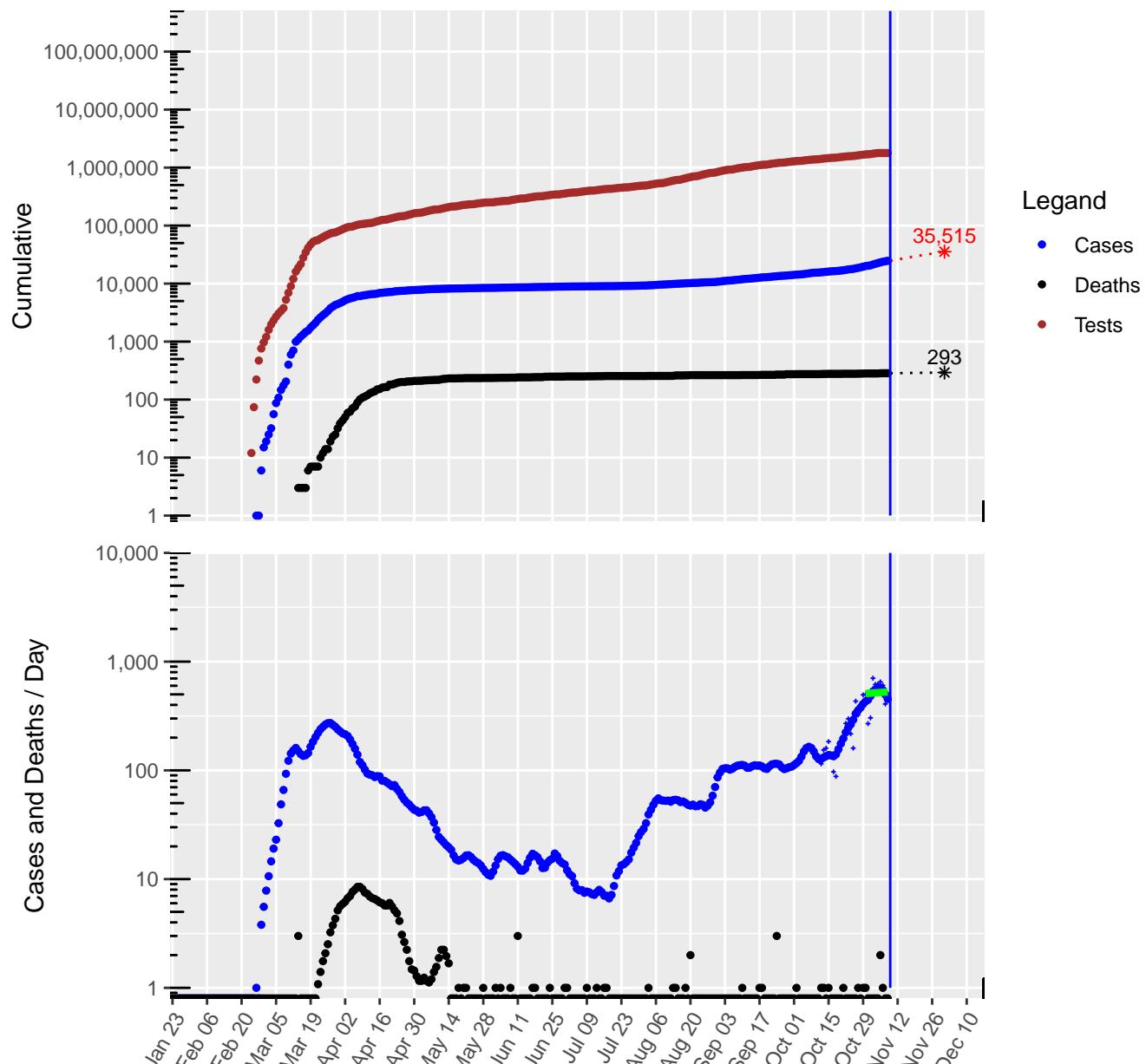
Belgium projection as of 2020-11-09



Sweden projection as of 2020-11-09

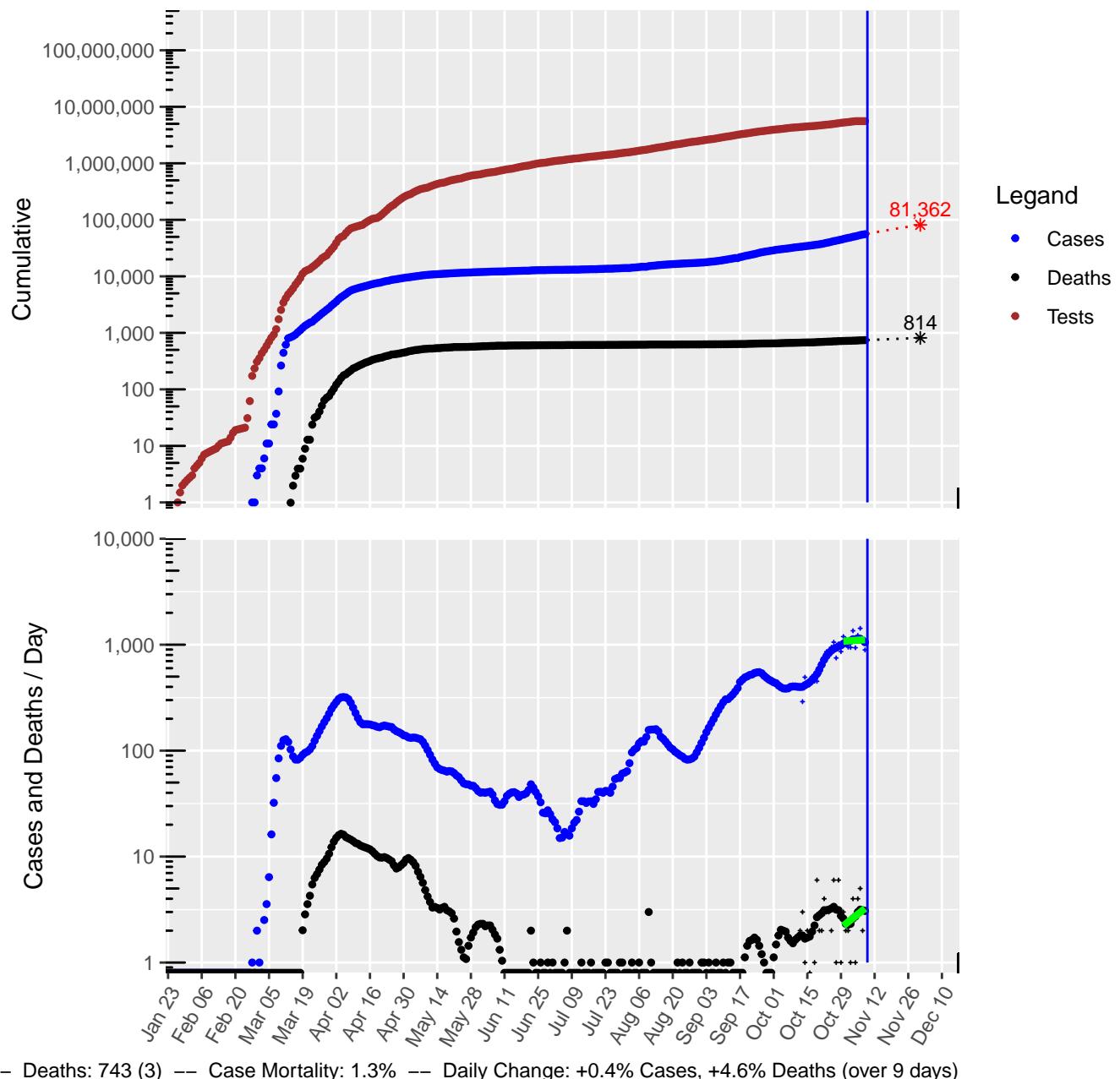


Norway projection as of 2020-11-09

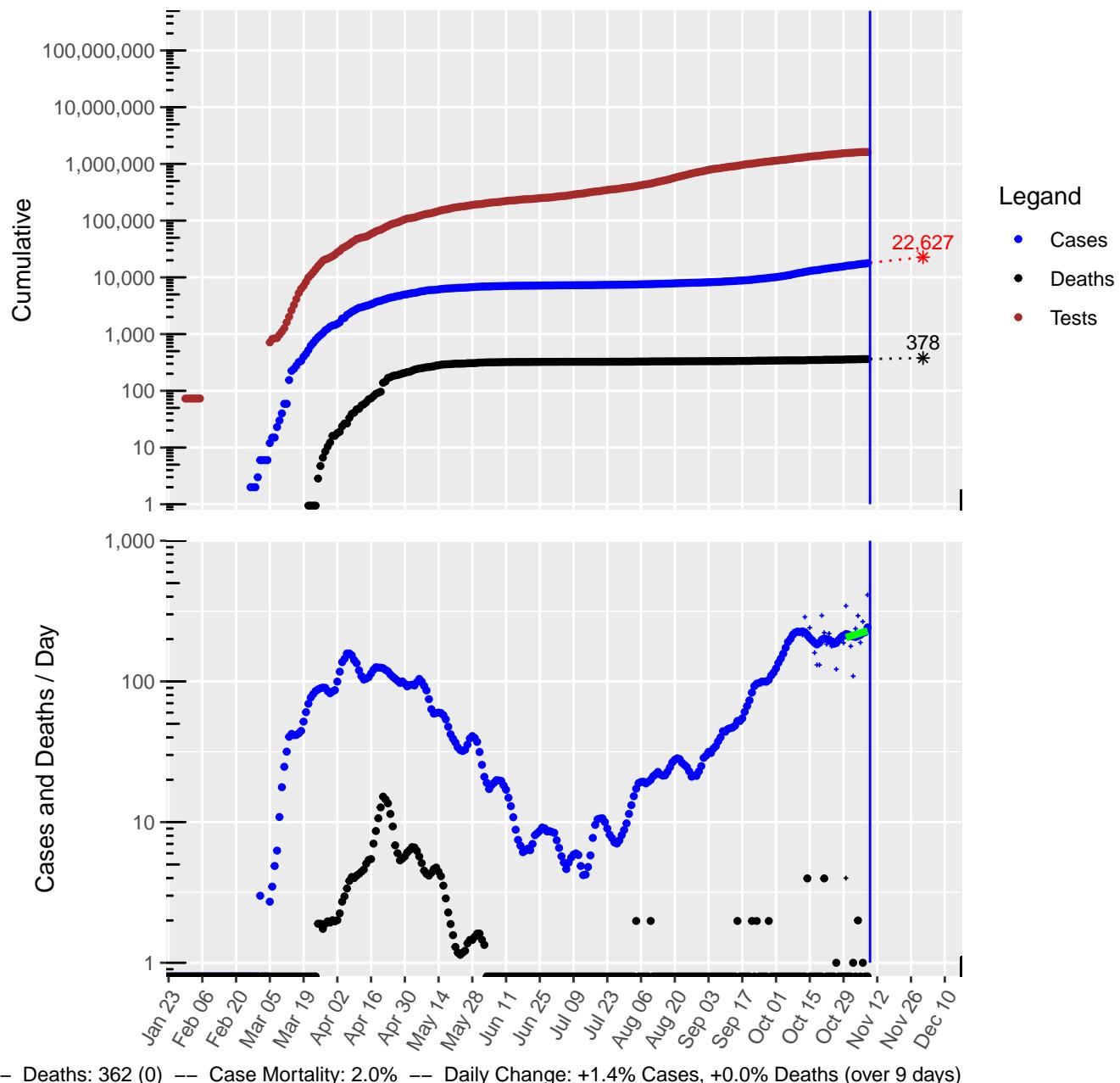


Deaths: 285 (0) — Case Mortality: 1.2% — Daily Change: +0.4% Cases, +20.0% Deaths (over 9 days)

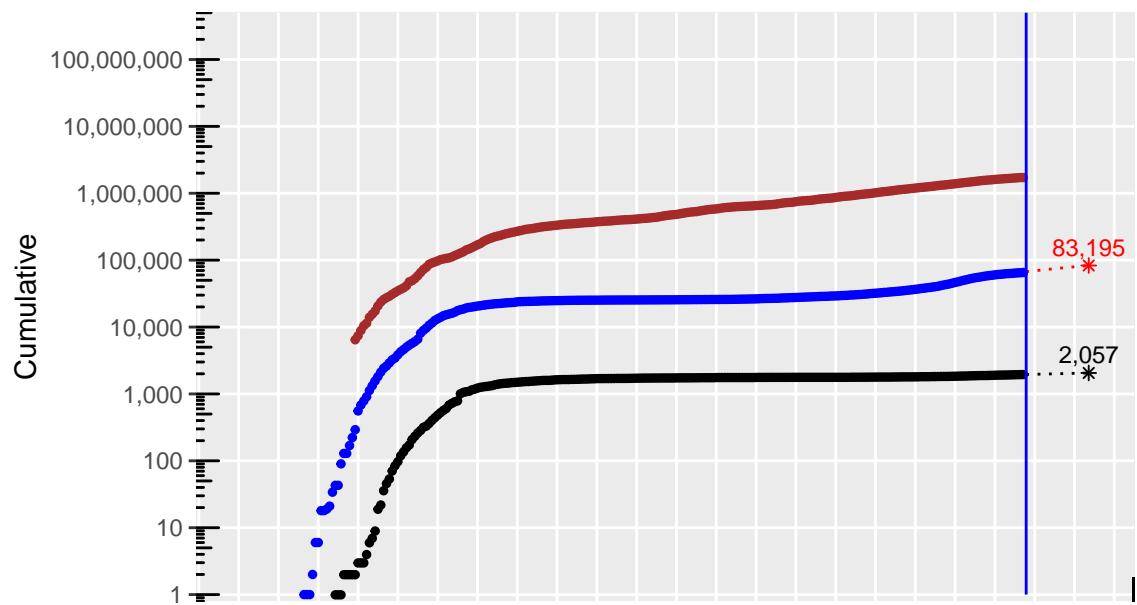
Denmark projection as of 2020-11-09



Finland projection as of 2020-11-09

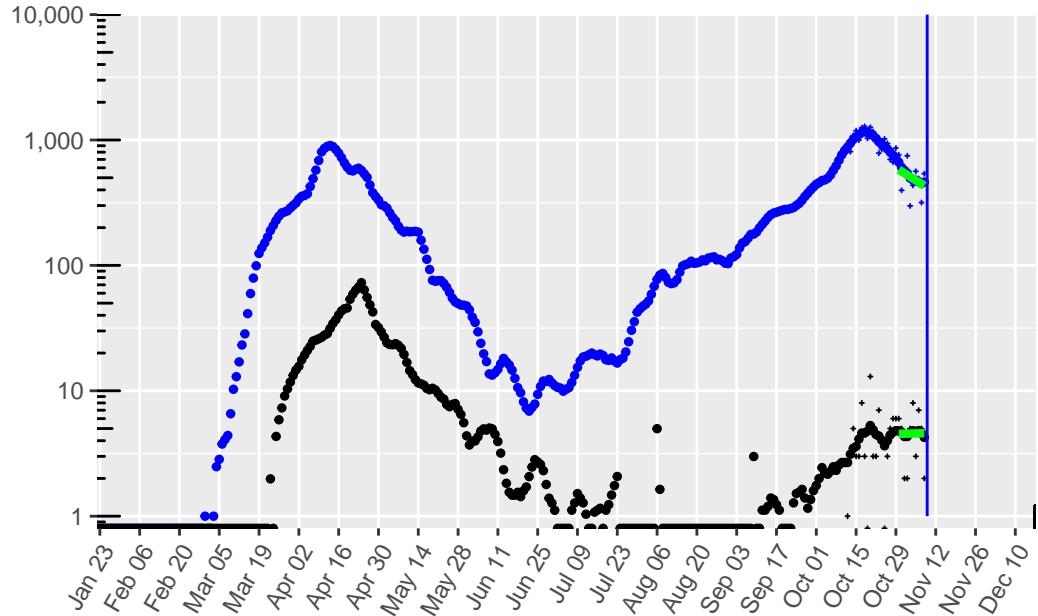


Ireland projection as of 2020-11-09



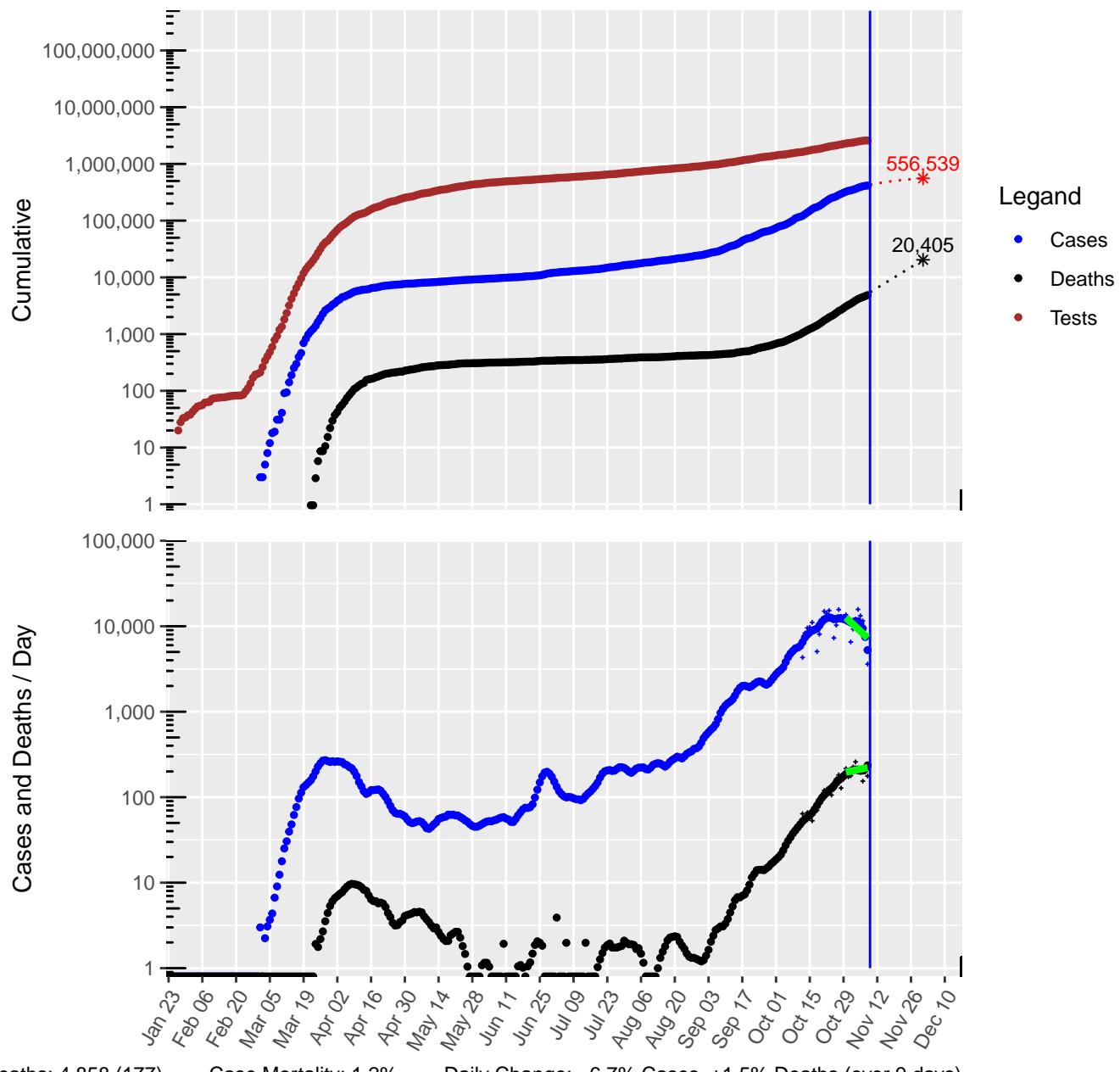
Legand

- Cases
- Deaths
- Tests

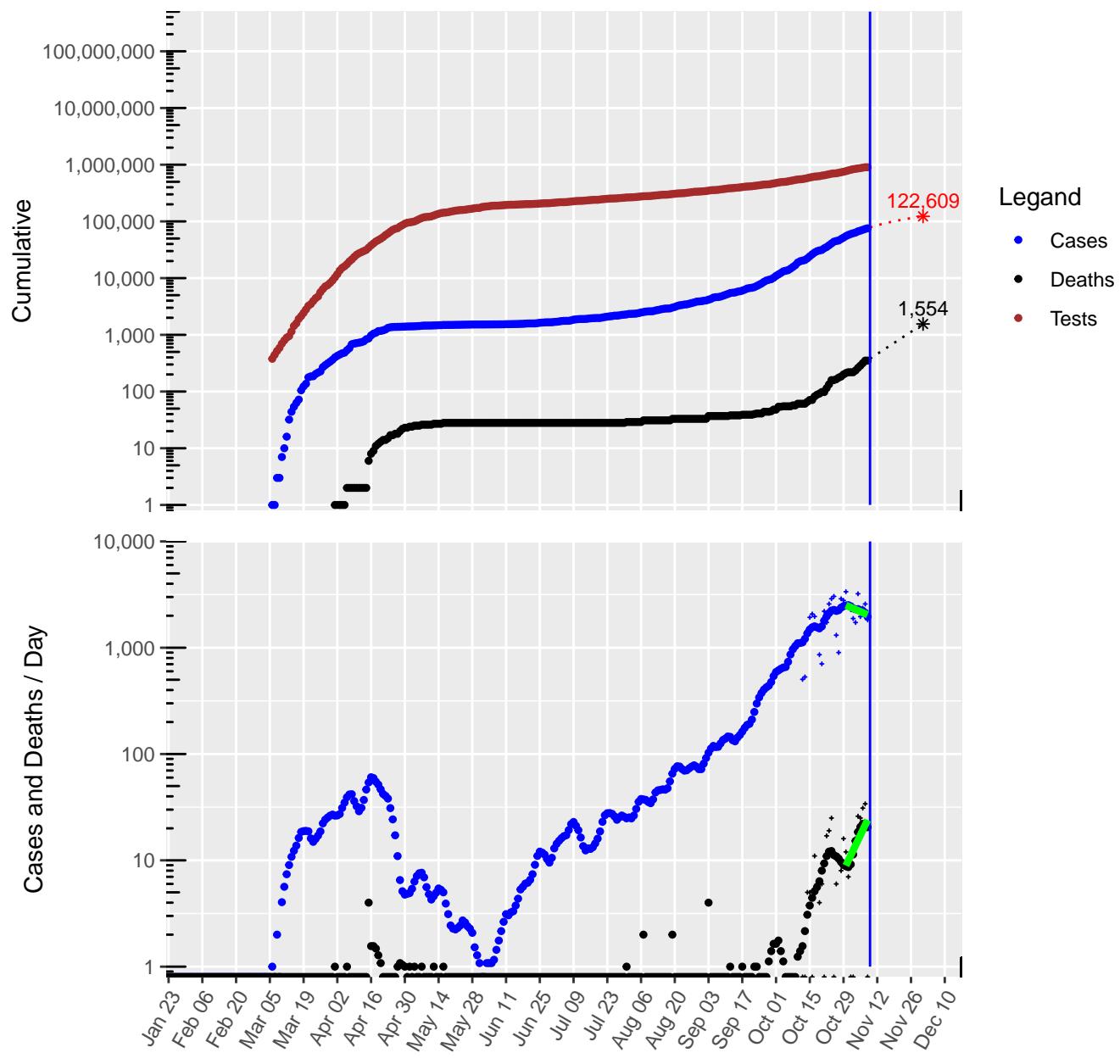


Deaths: 1,947 (2) --- Case Mortality: 3.0% --- Daily Change: -3.7% Cases, +0.1% Deaths (over 9 days)

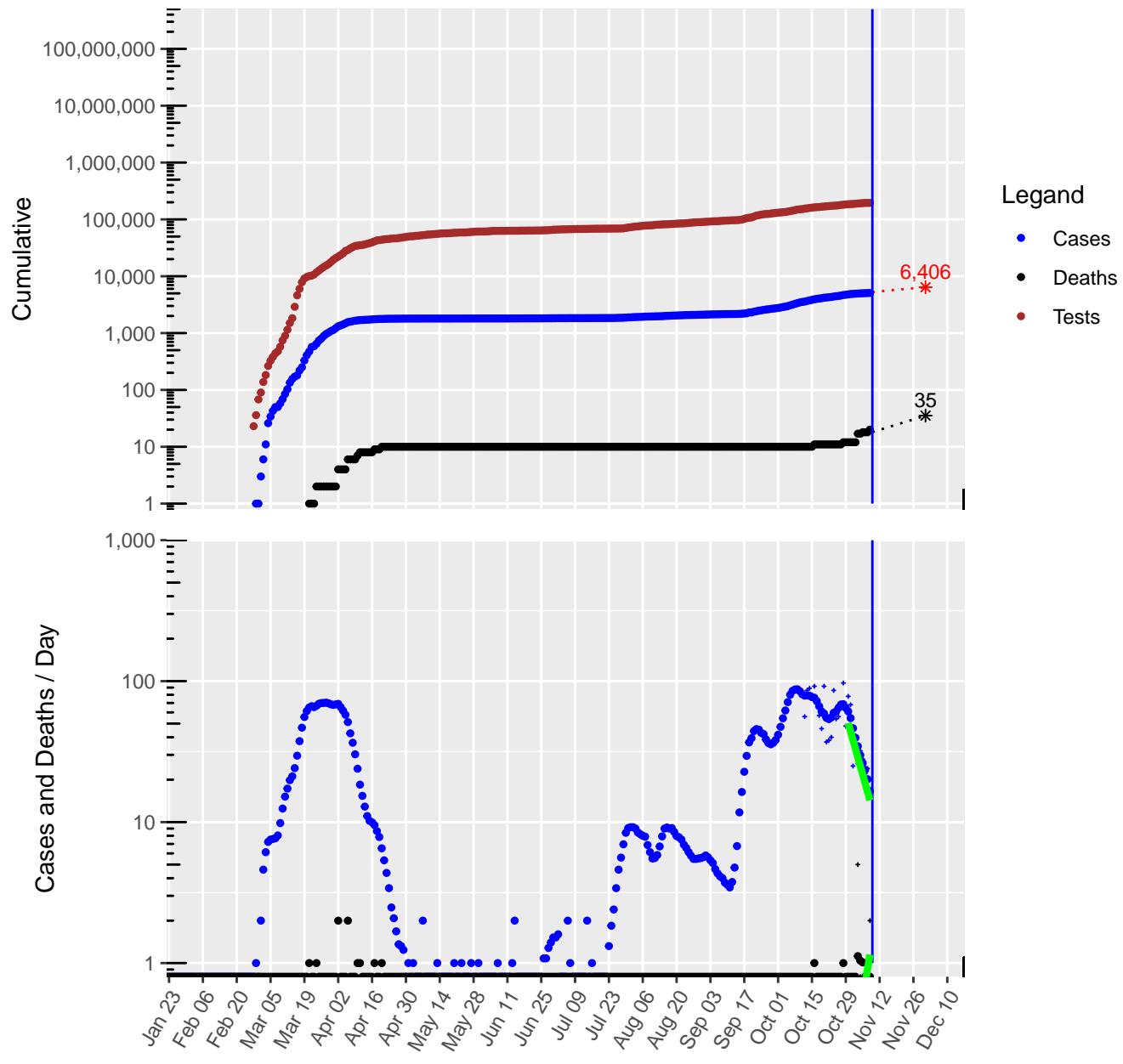
Czech Republic projection as of 2020-11-09



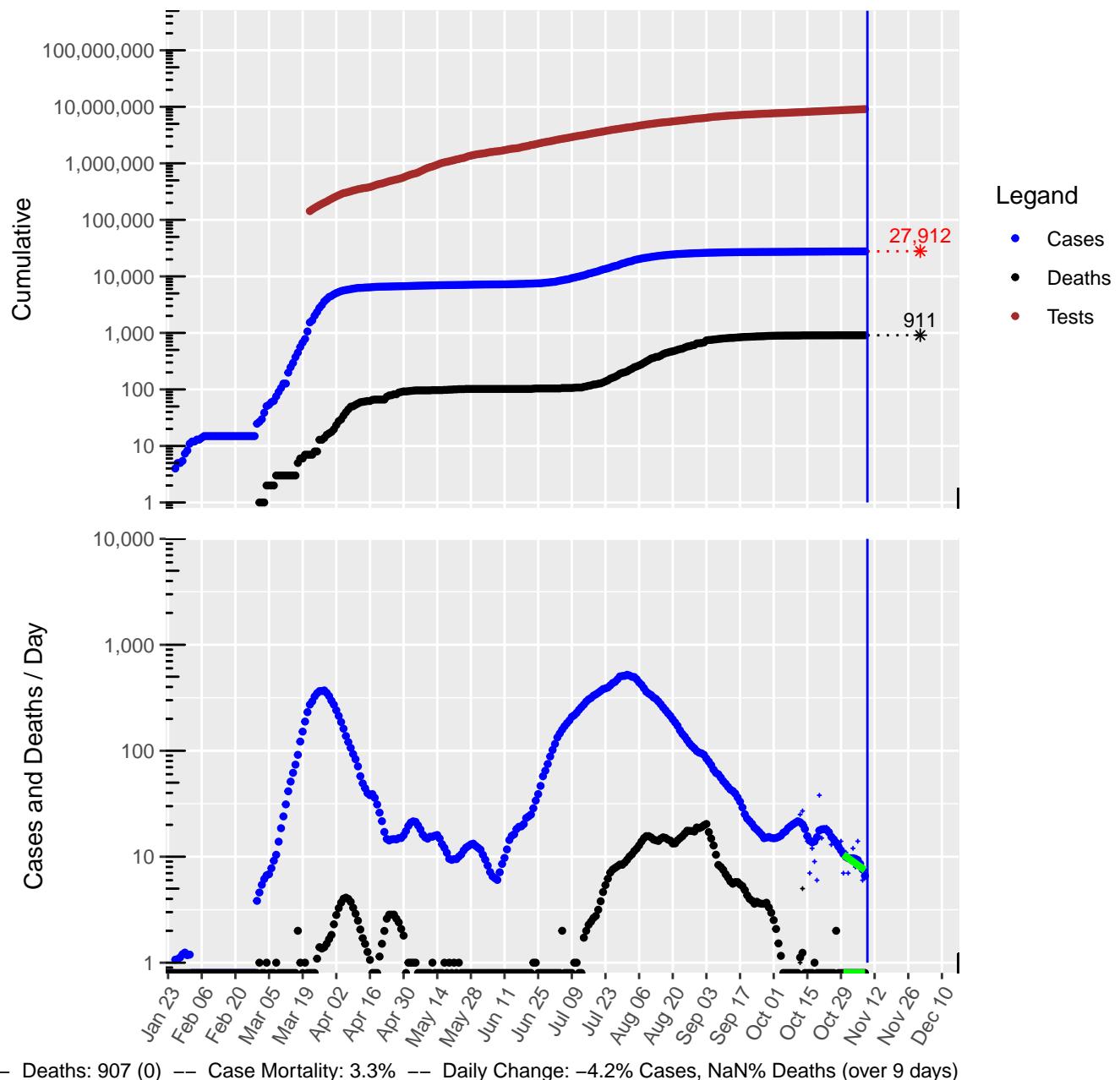
Slovakia projection as of 2020-11-09



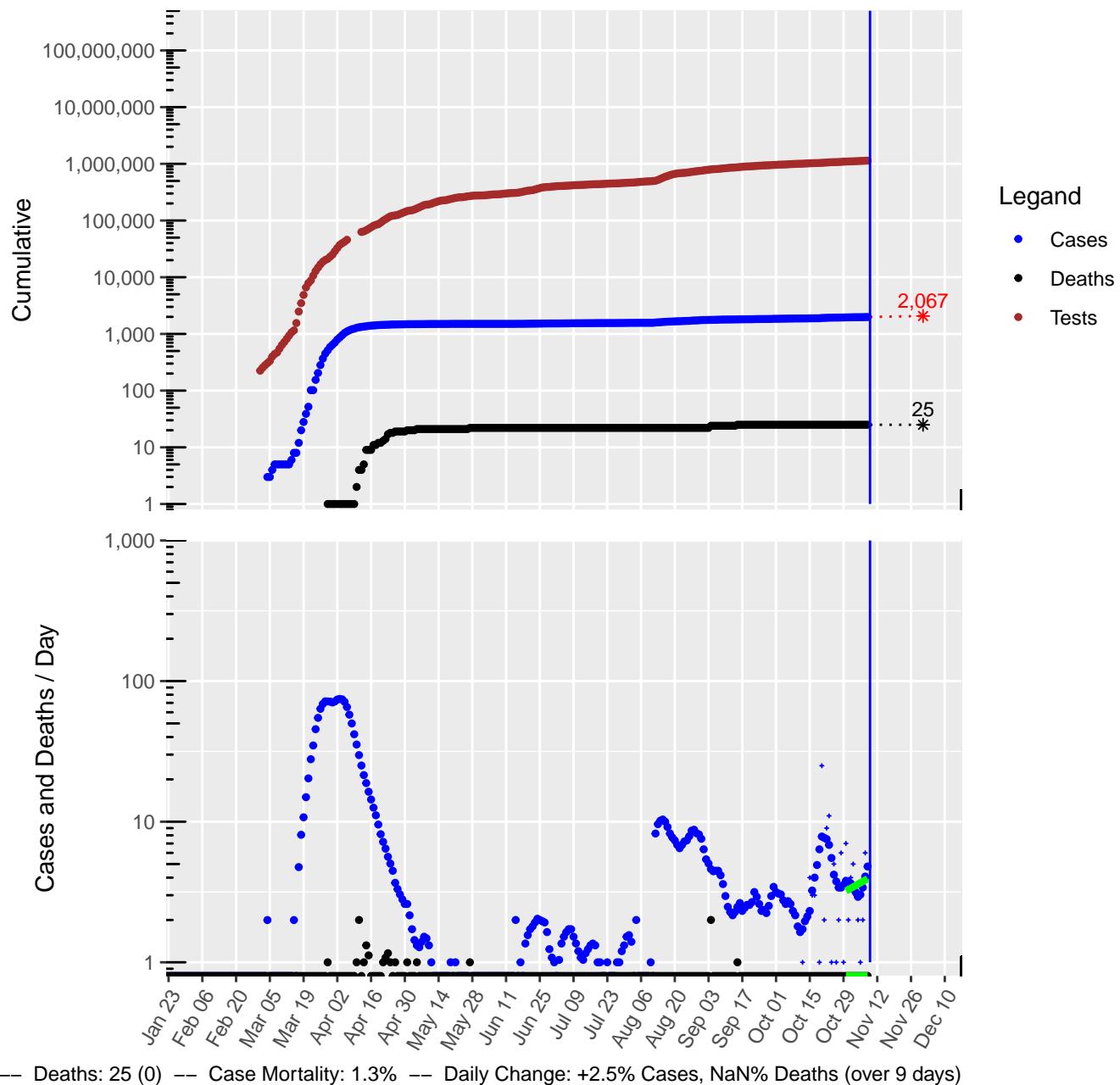
Iceland projection as of 2020-11-09



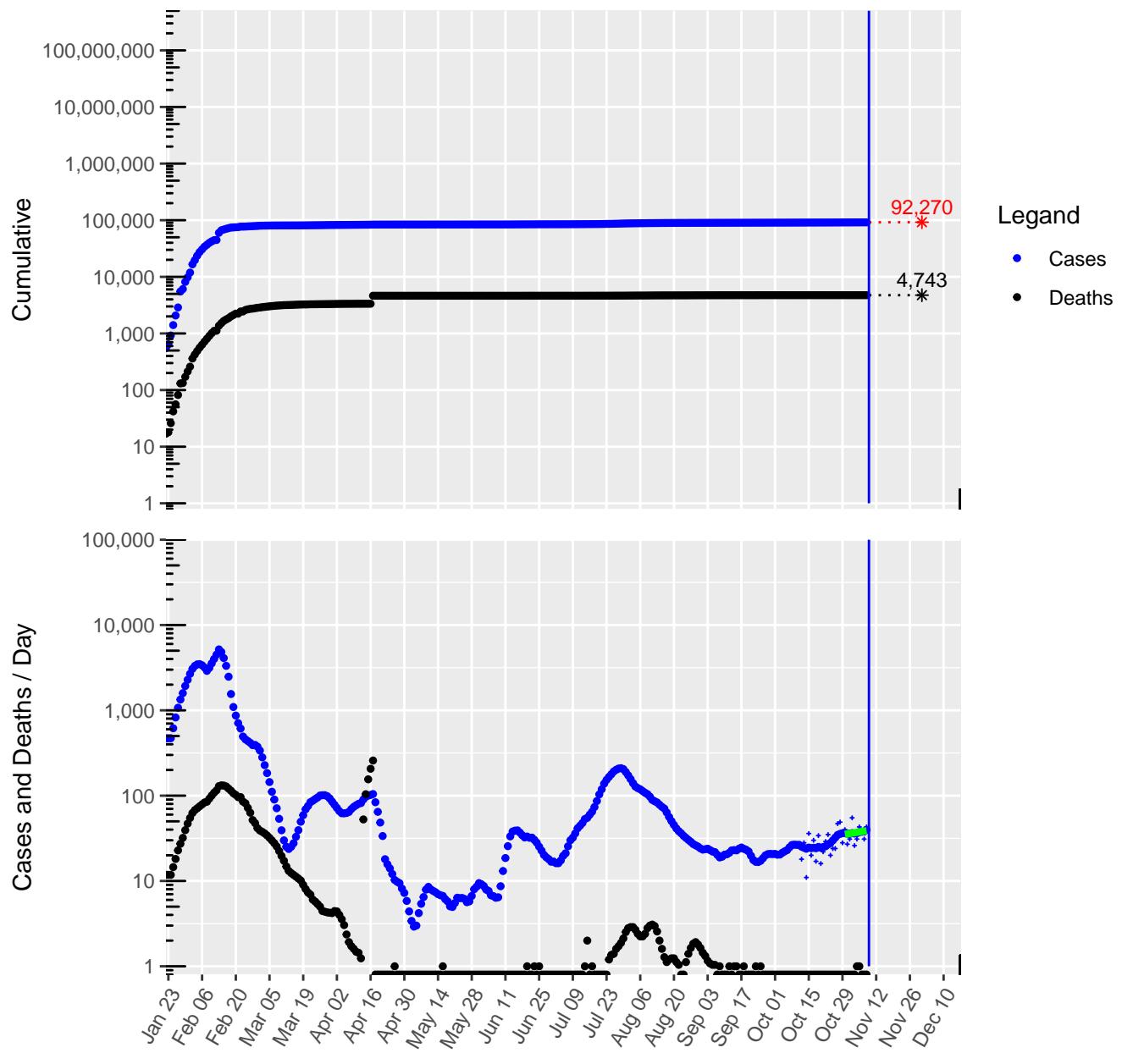
Australia projection as of 2020-11-09



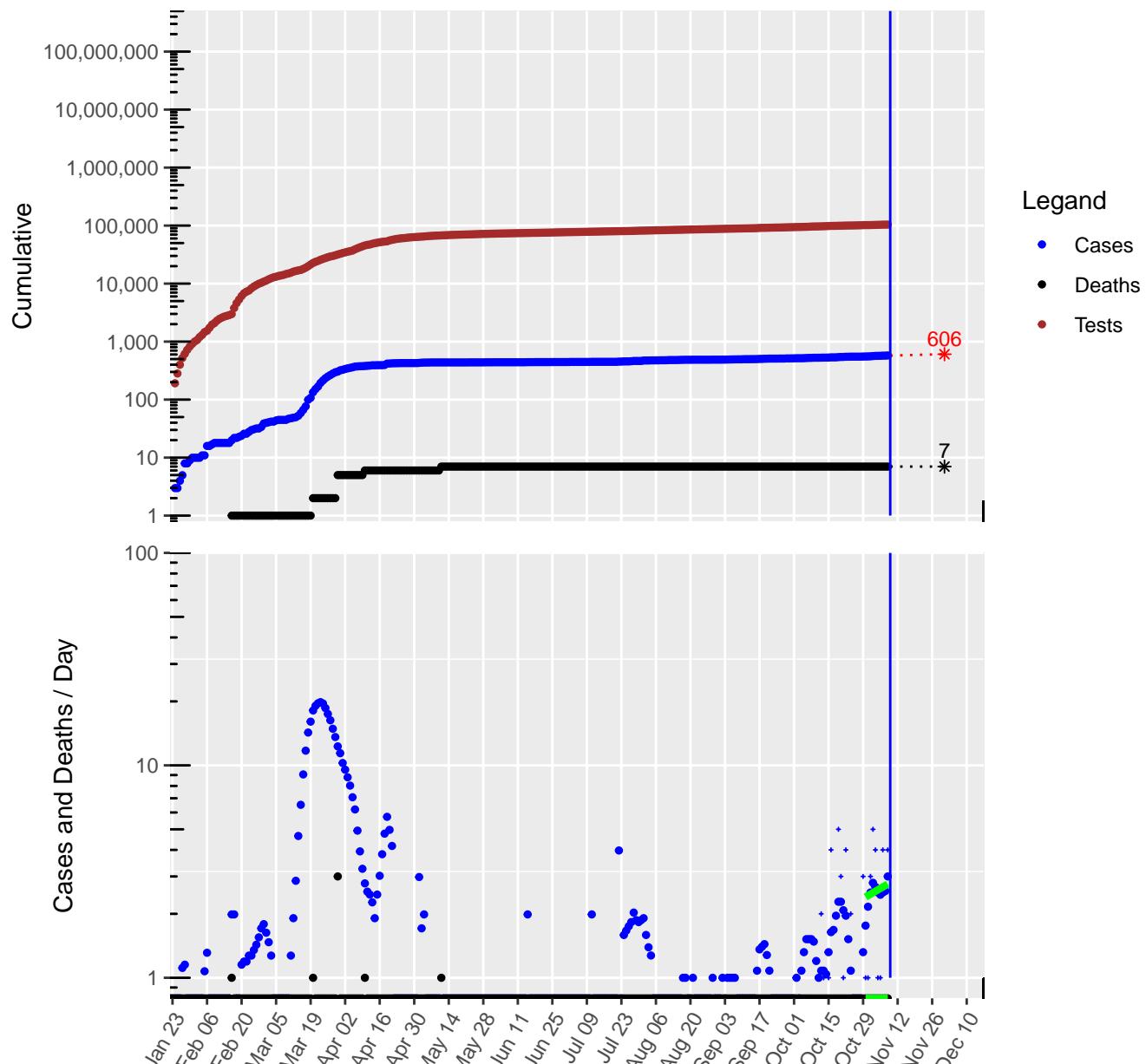
New Zealand projection as of 2020-11-09



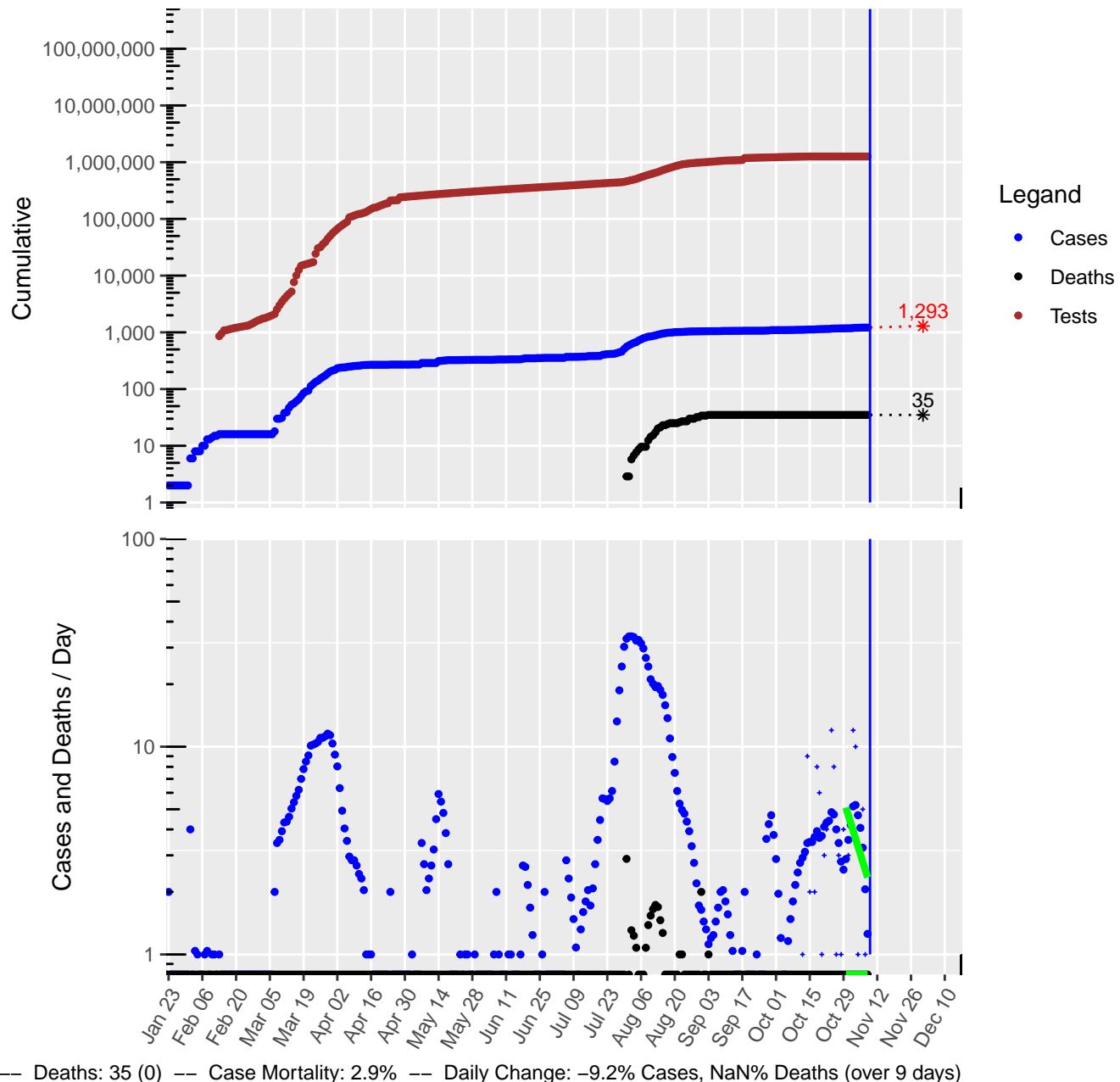
China projection as of 2020-11-09



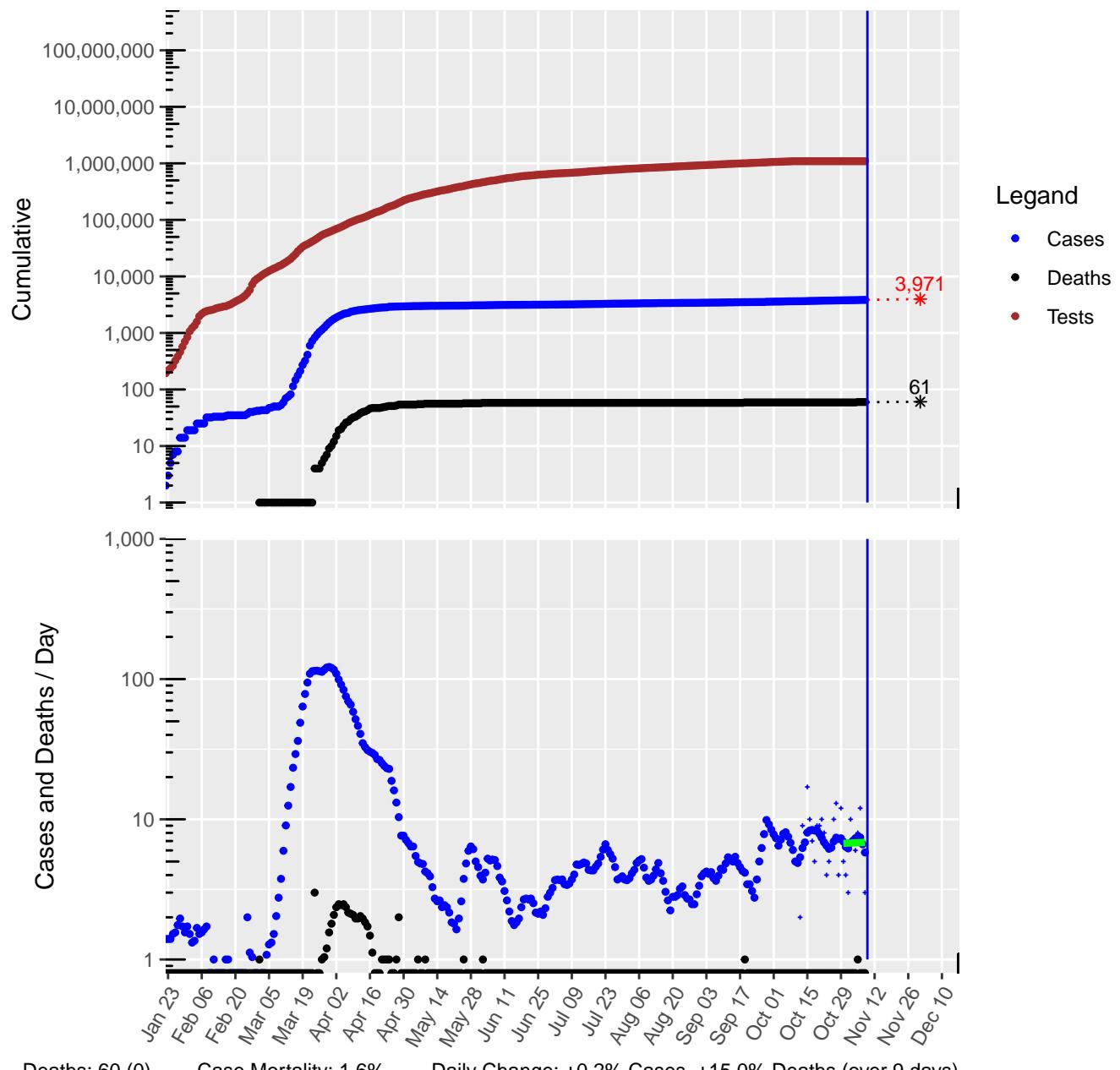
Taiwan projection as of 2020-11-09



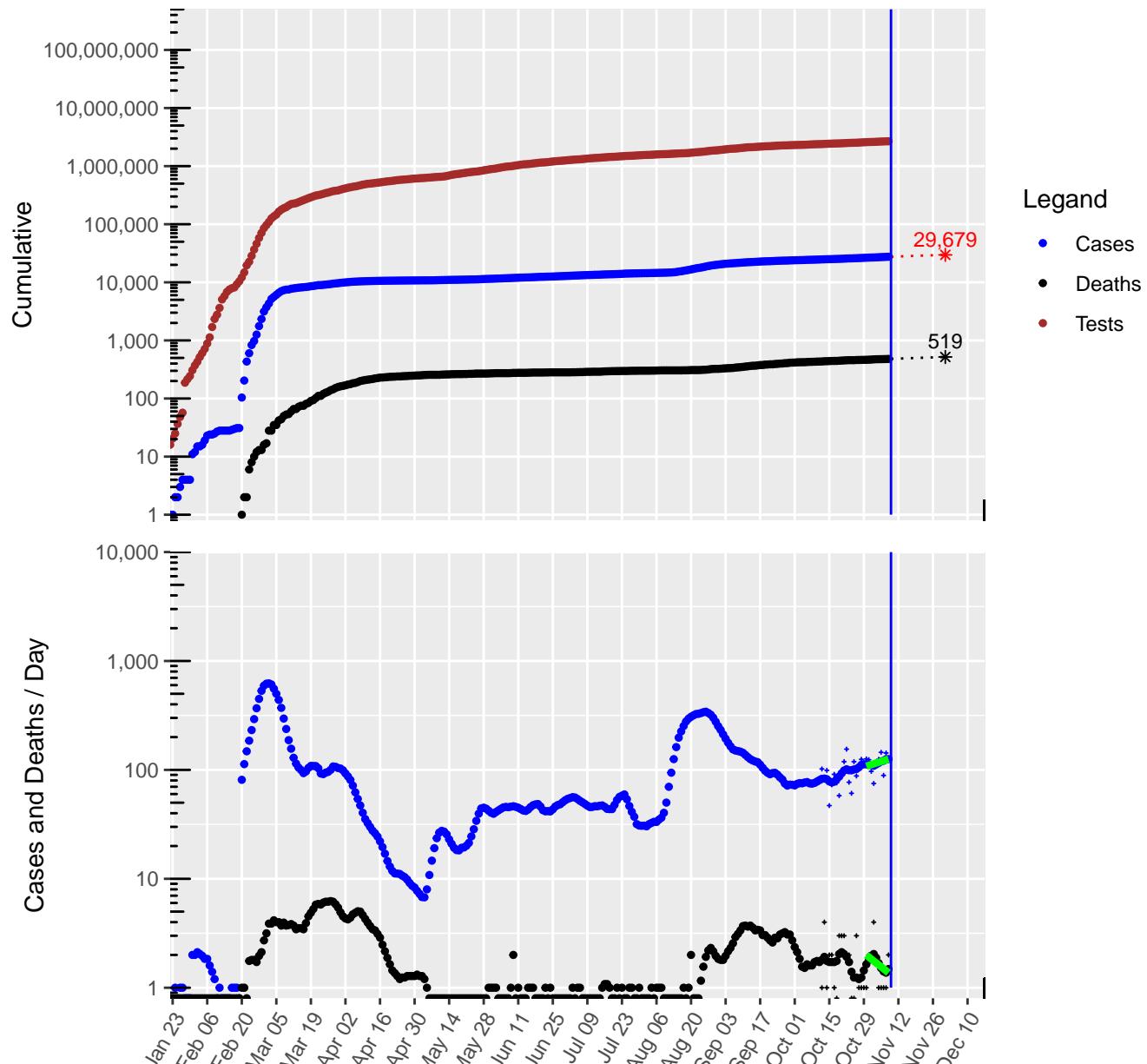
Vietnam projection as of 2020-11-09



Thailand projection as of 2020-11-09

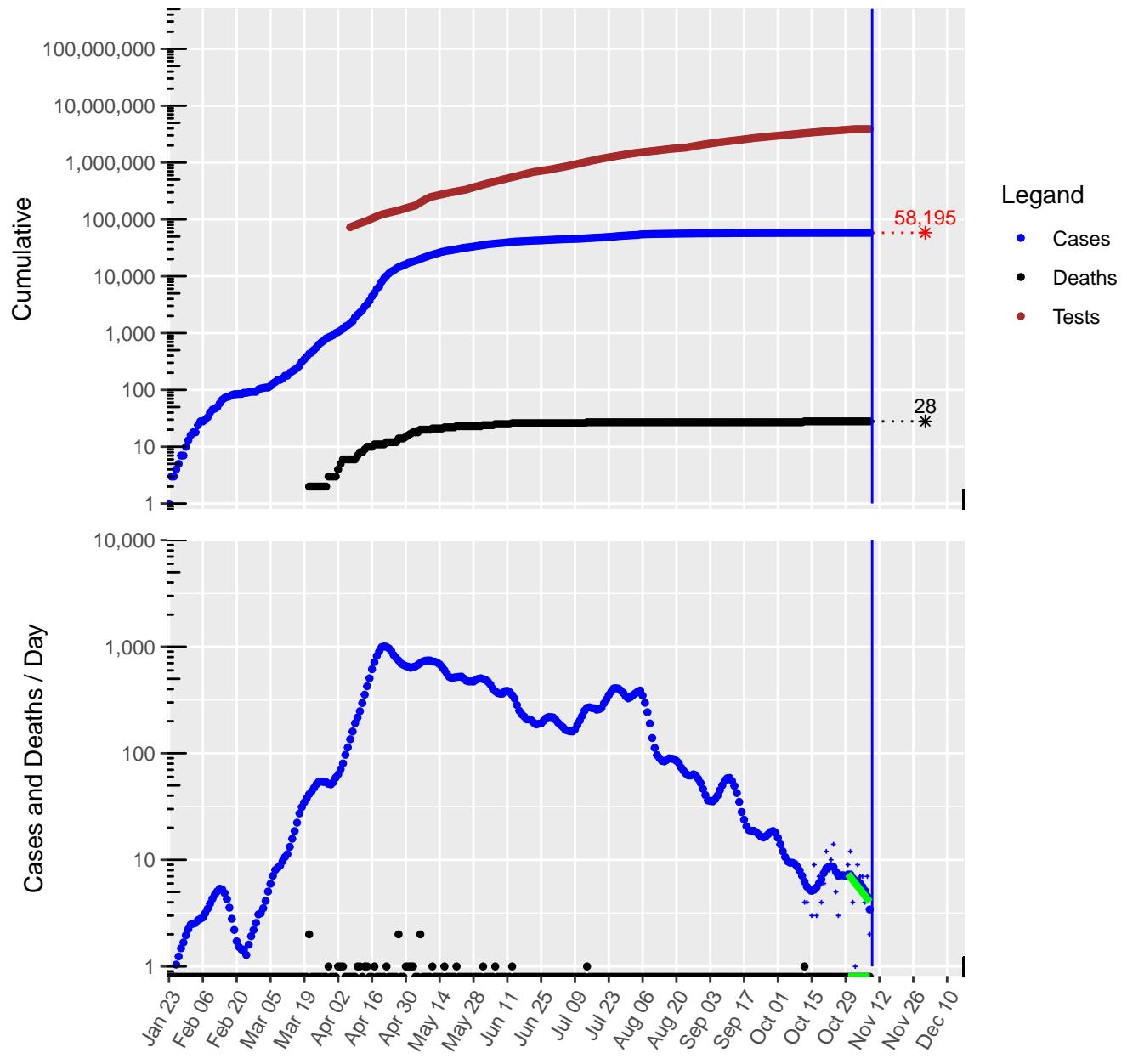


South Korea projection as of 2020-11-09

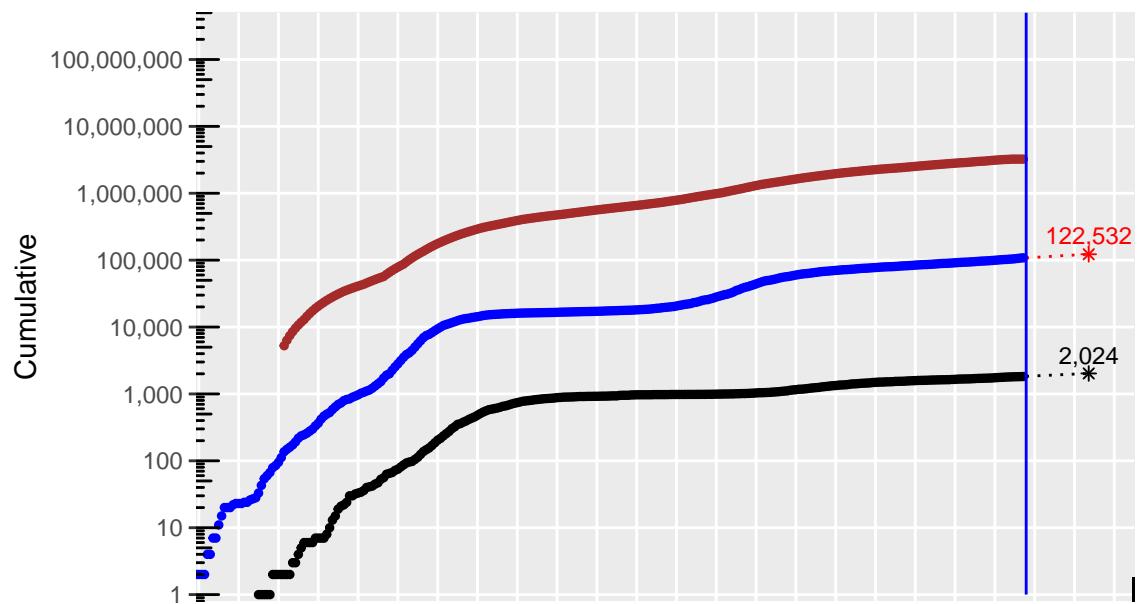


— Deaths: 480 (2) — Case Mortality: 1.7% — Daily Change: +1.9% Cases, -4.6% Deaths (over 9 days)

Singapore projection as of 2020-11-09

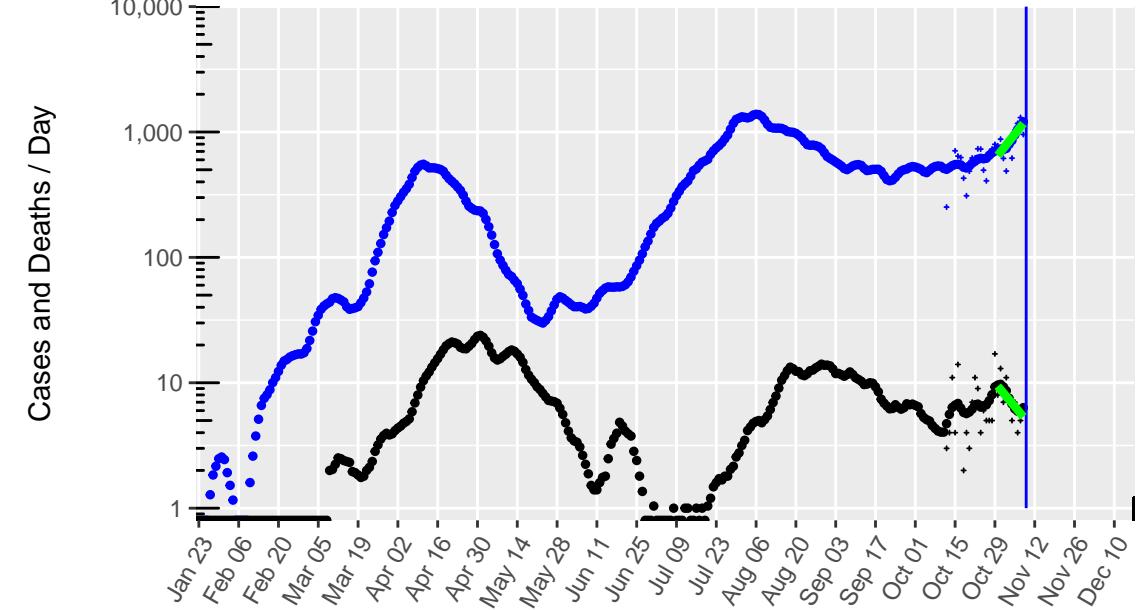


Japan projection as of 2020-11-09



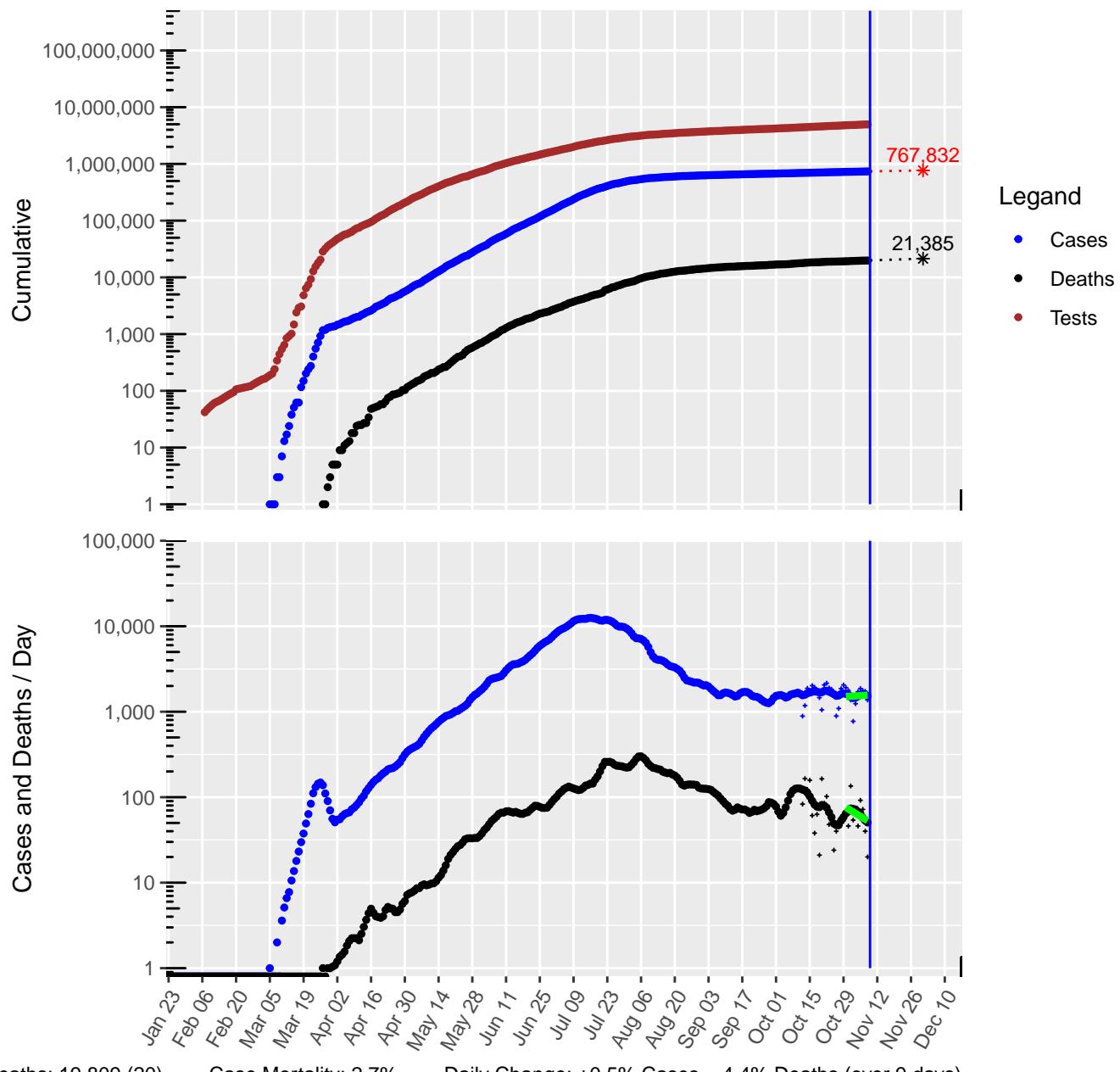
Legand

- Cases
- Deaths
- Tests

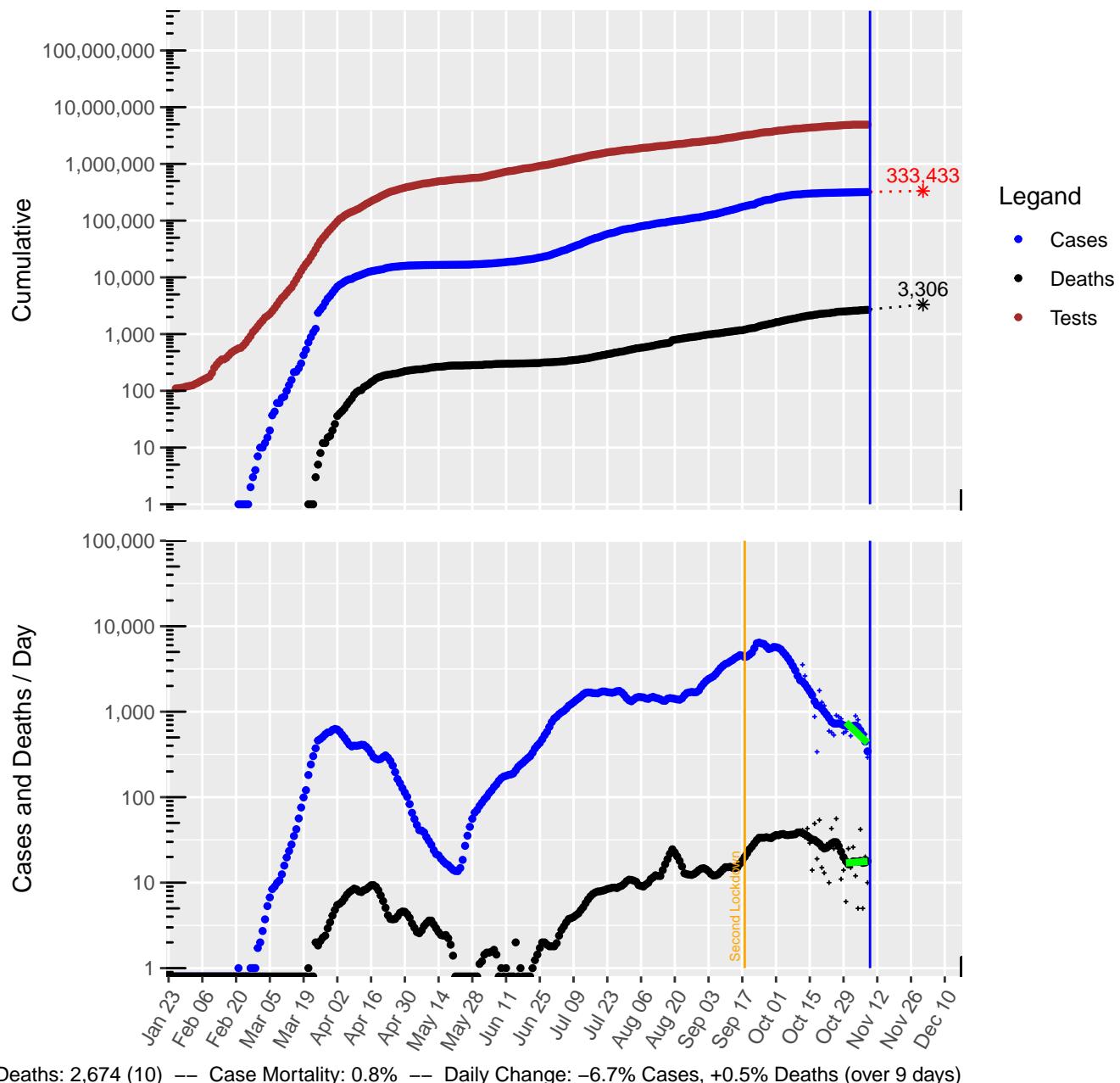


Deaths: 1,821 (6) --- Case Mortality: 1.7% --- Daily Change: +7.1% Cases, -6.8% Deaths (over 9 days)

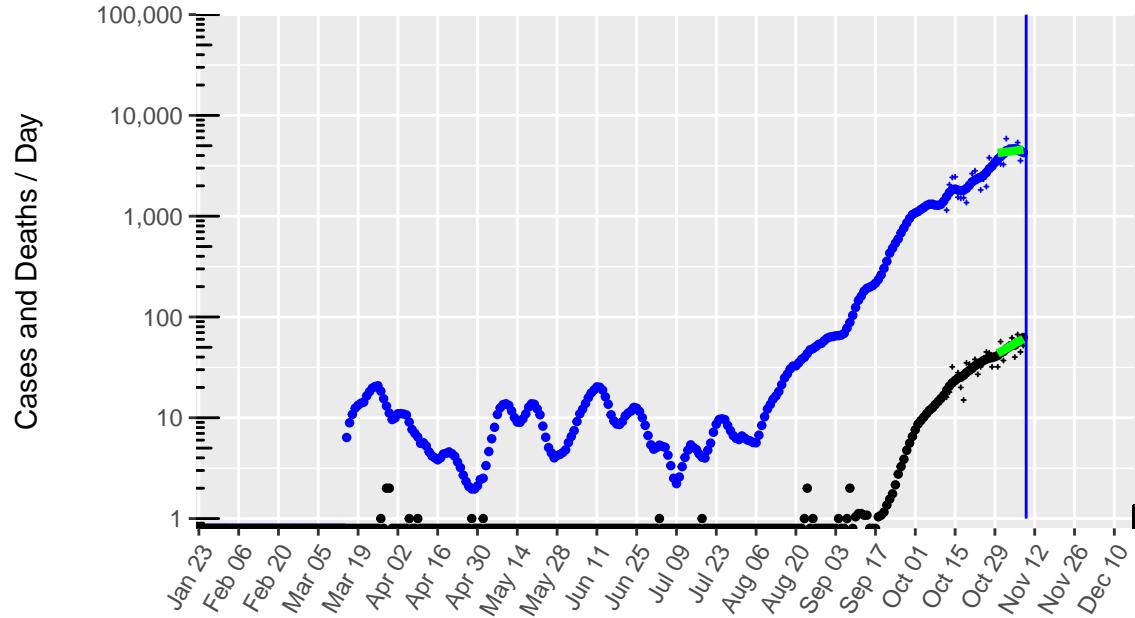
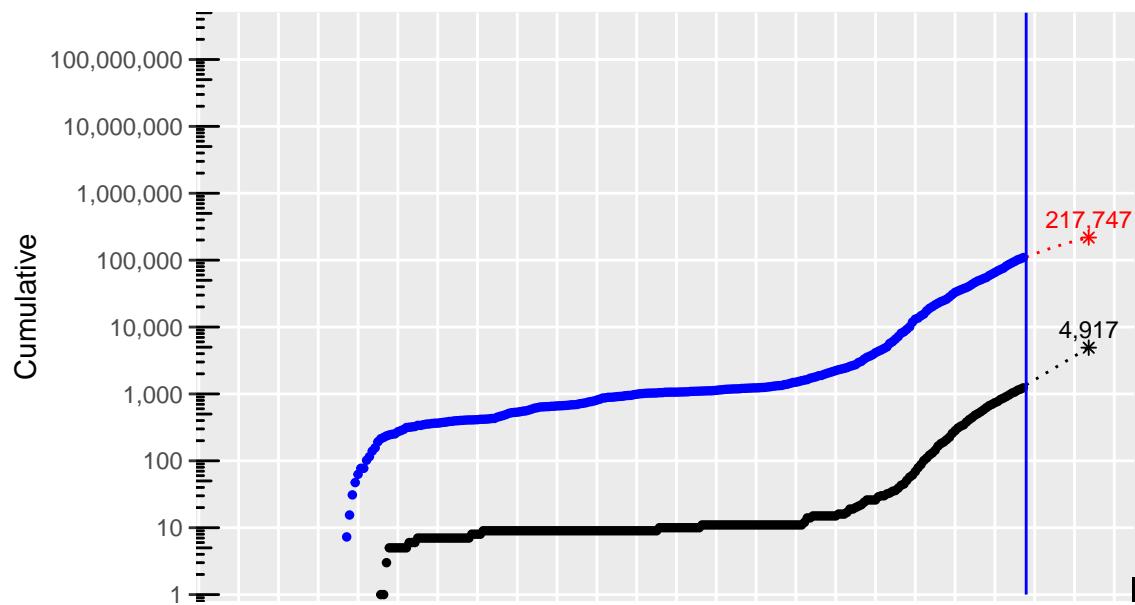
South Africa projection as of 2020-11-09



Israel projection as of 2020-11-09

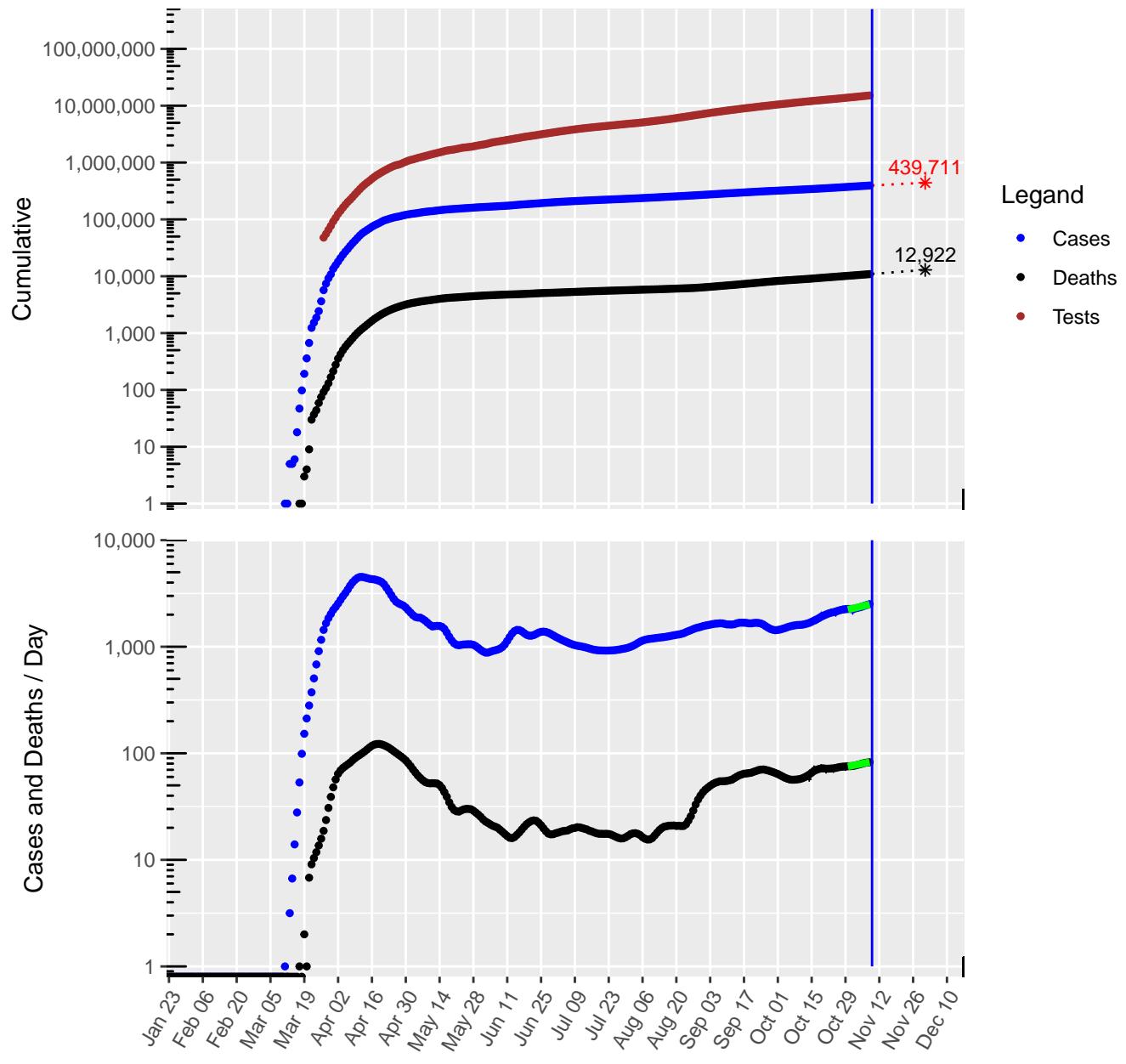


Jordan projection as of 2020-11-09

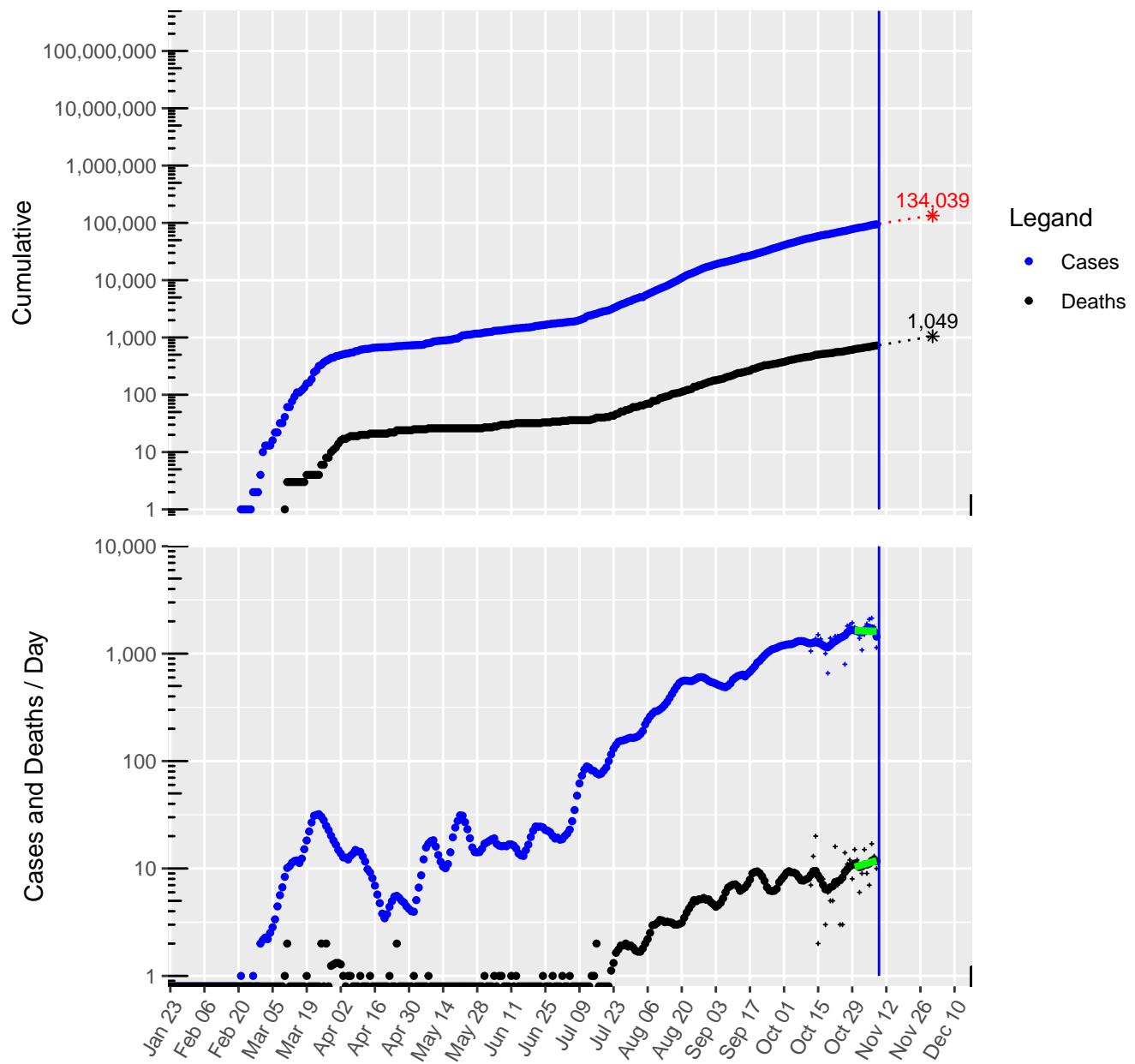


Deaths: 1,233 (52) --- Case Mortality: 1.1% --- Daily Change: +1.0% Cases, +4.1% Deaths (over 9 days)

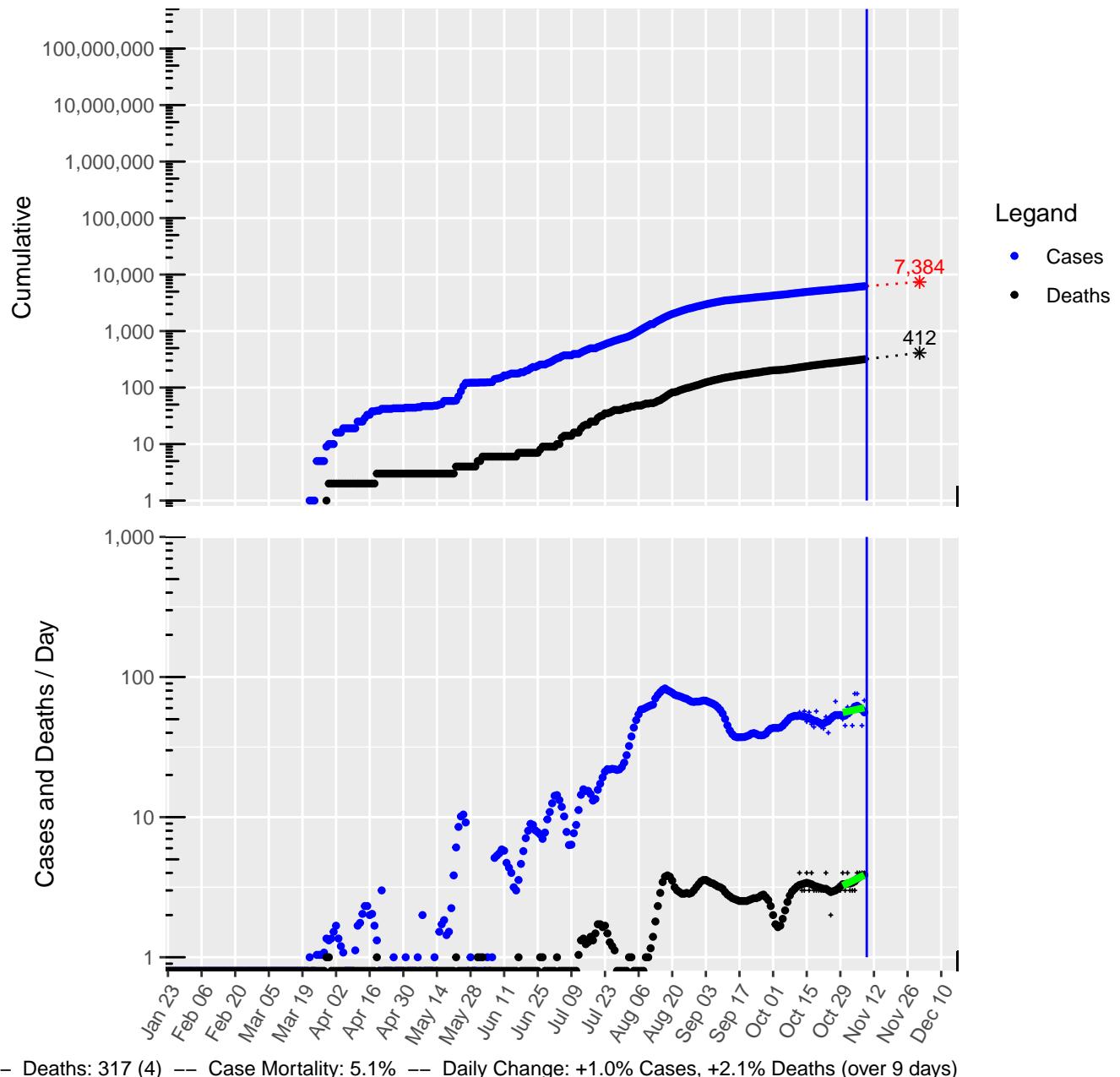
Turkey projection as of 2020-11-09



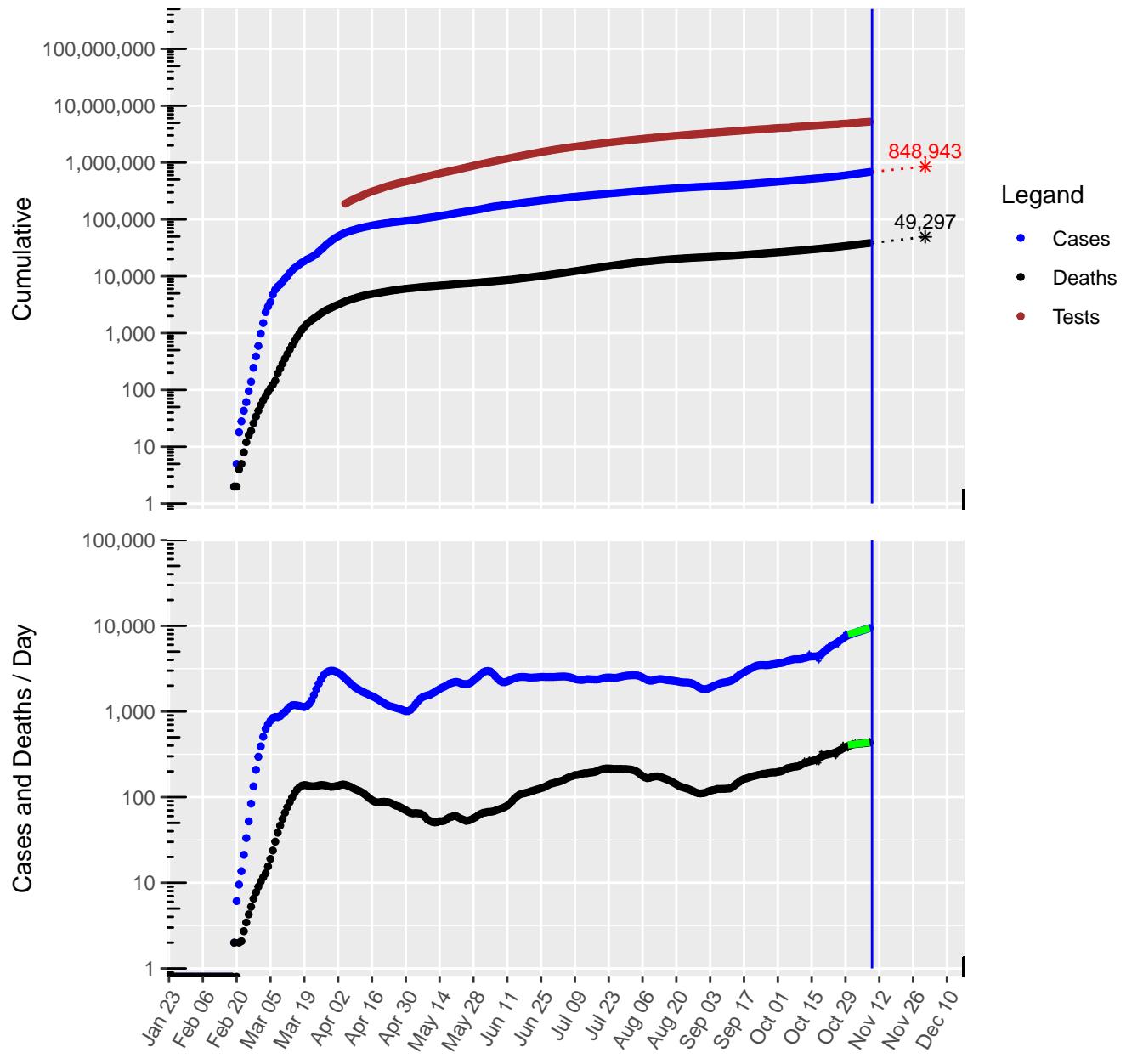
Lebanon projection as of 2020-11-09



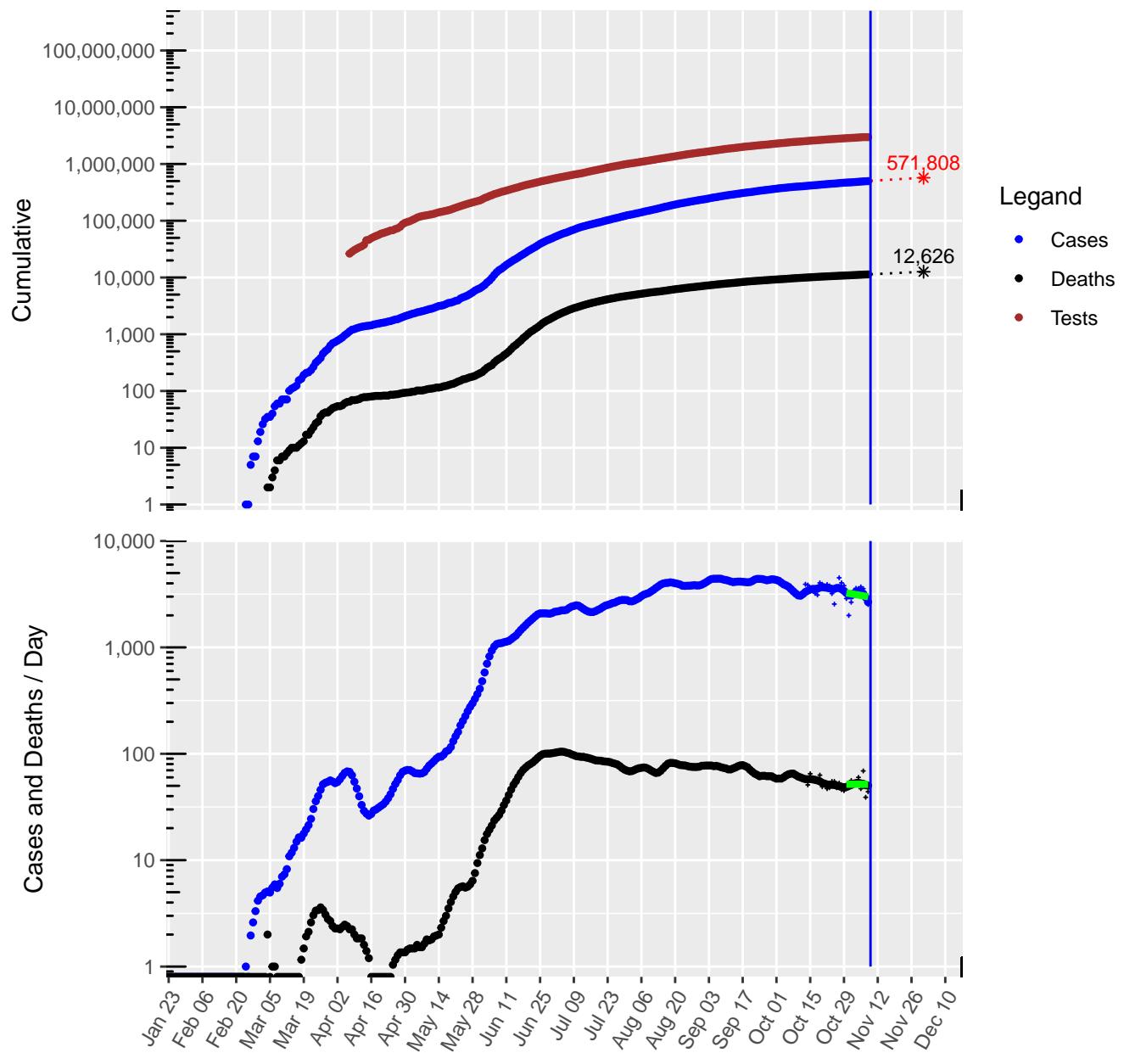
Syria projection as of 2020-11-09



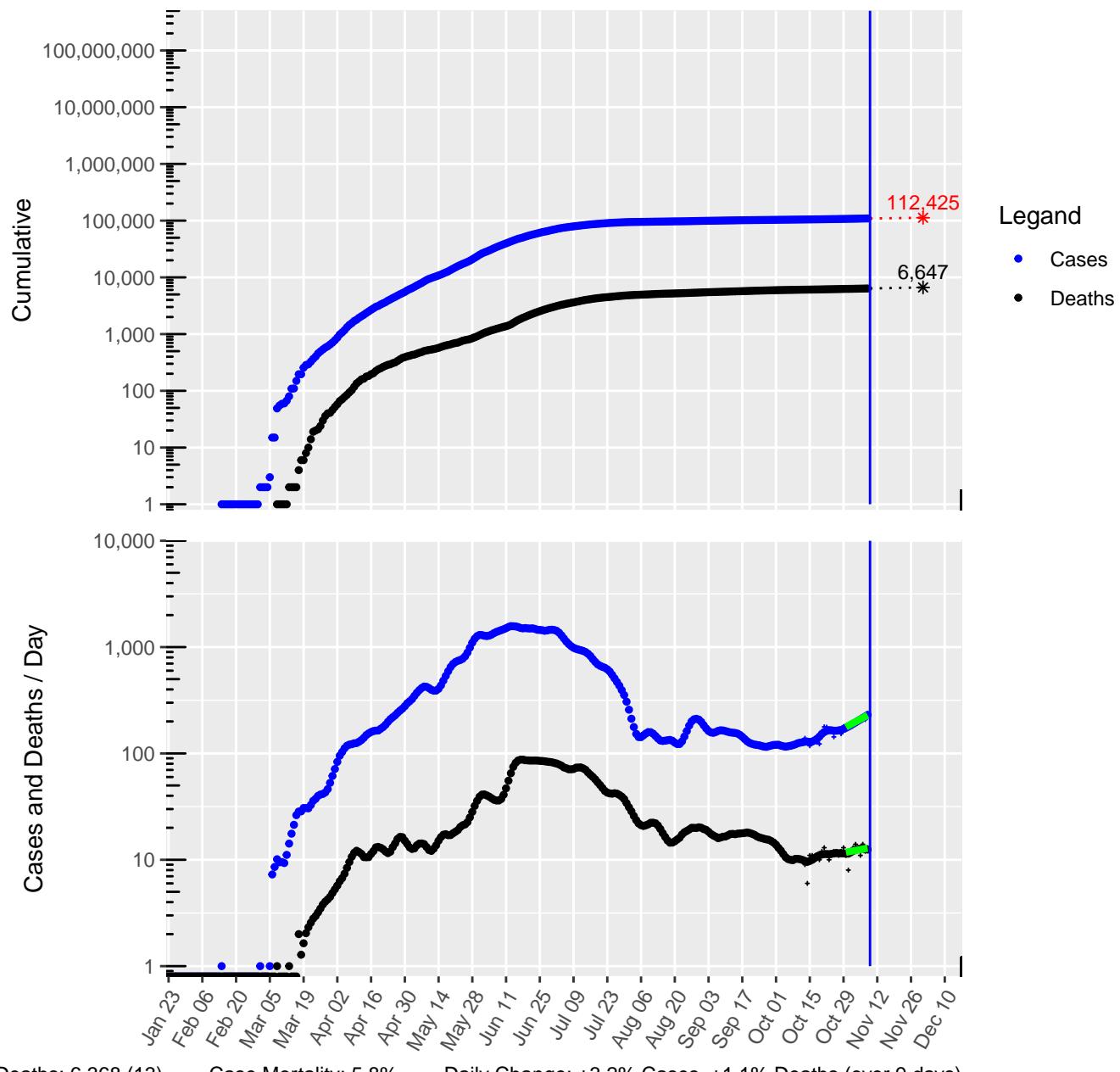
Iran projection as of 2020-11-09



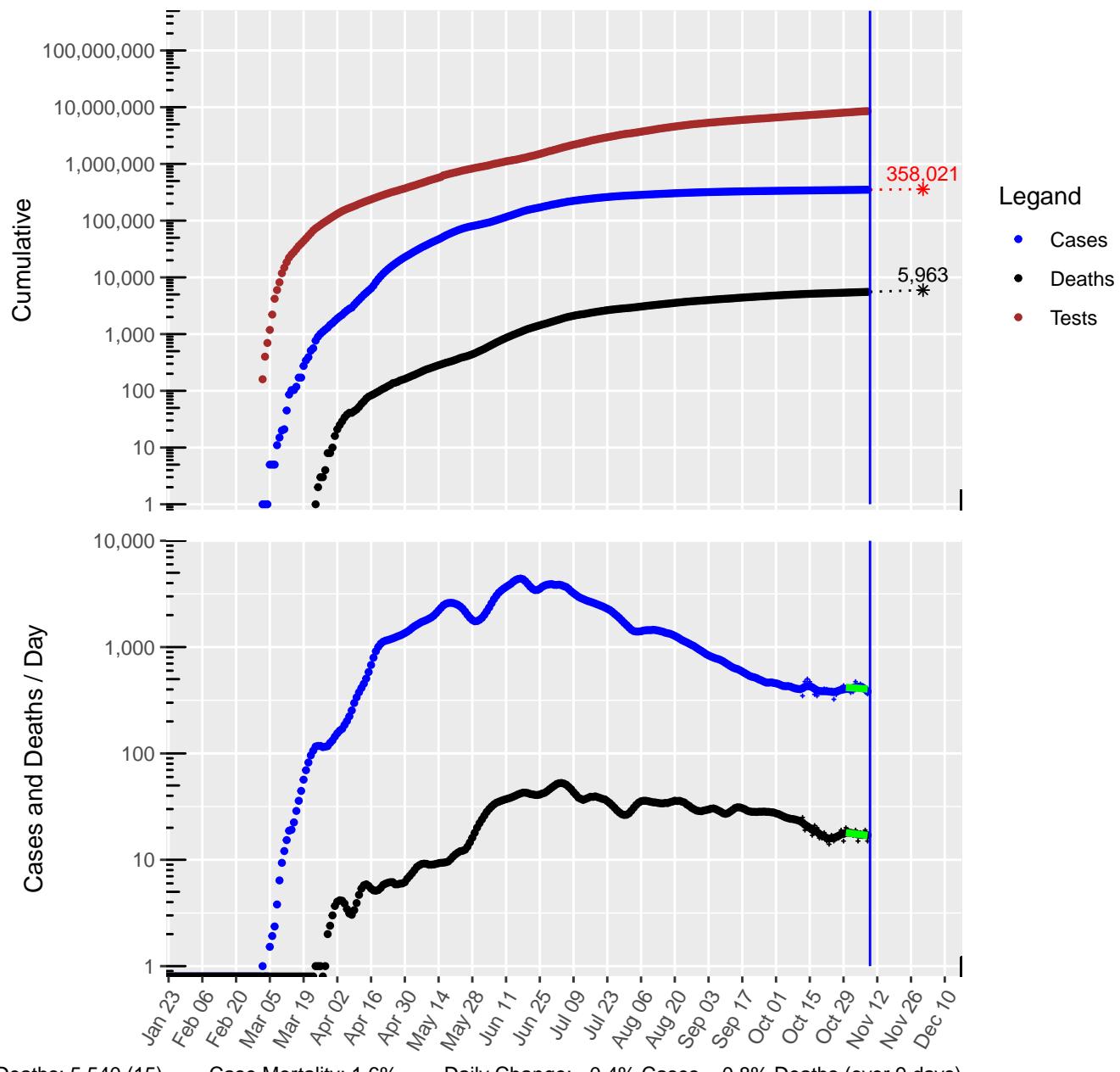
Iraq projection as of 2020-11-09



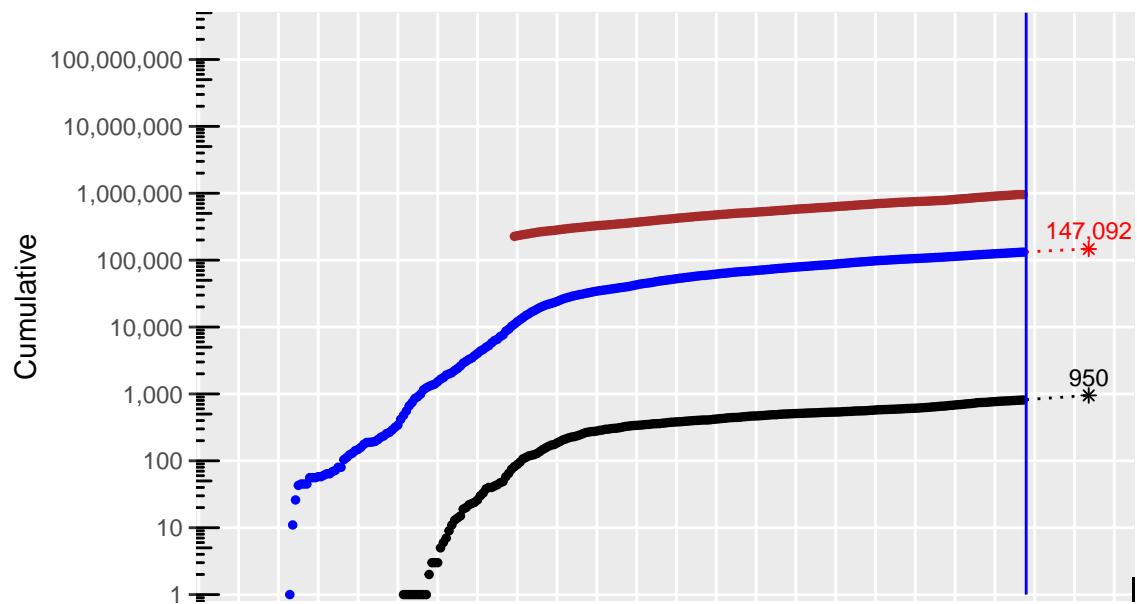
Egypt projection as of 2020-11-09



Saudi Arabia projection as of 2020-11-09

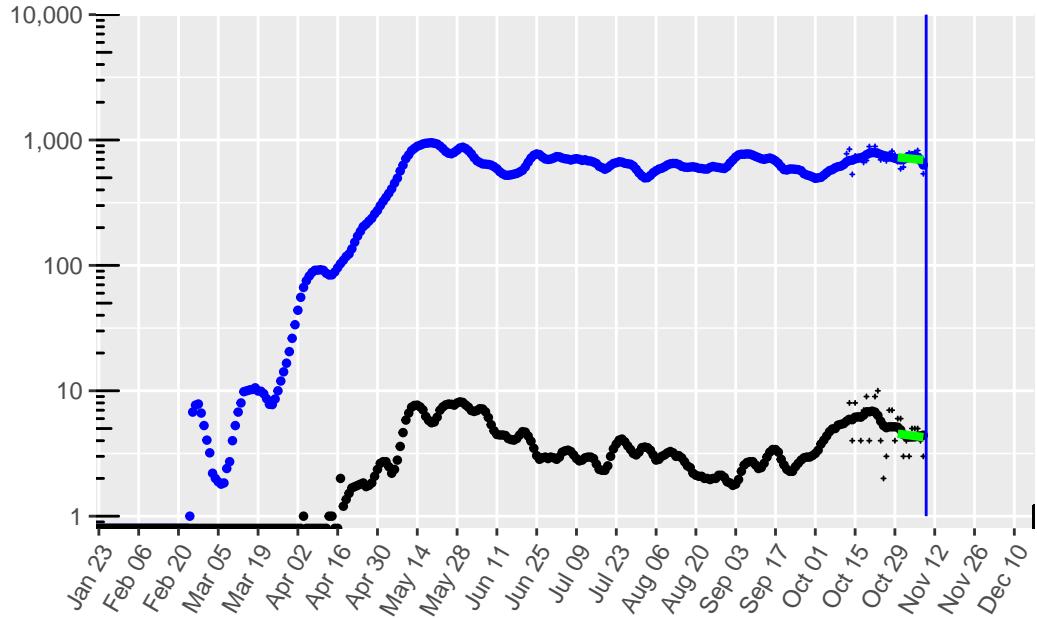


Kuwait projection as of 2020-11-09



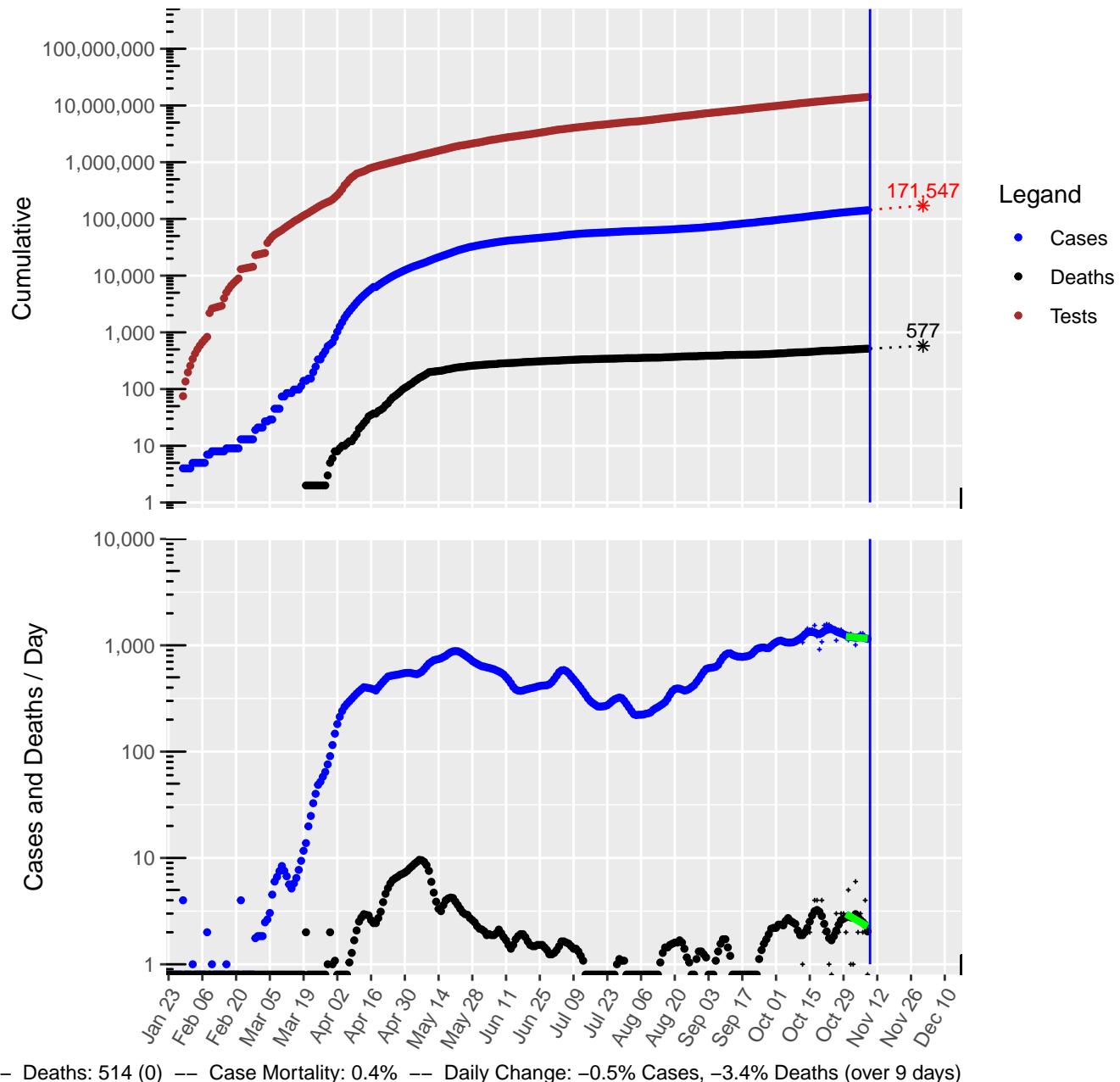
Legand

- Cases
- Deaths
- Tests

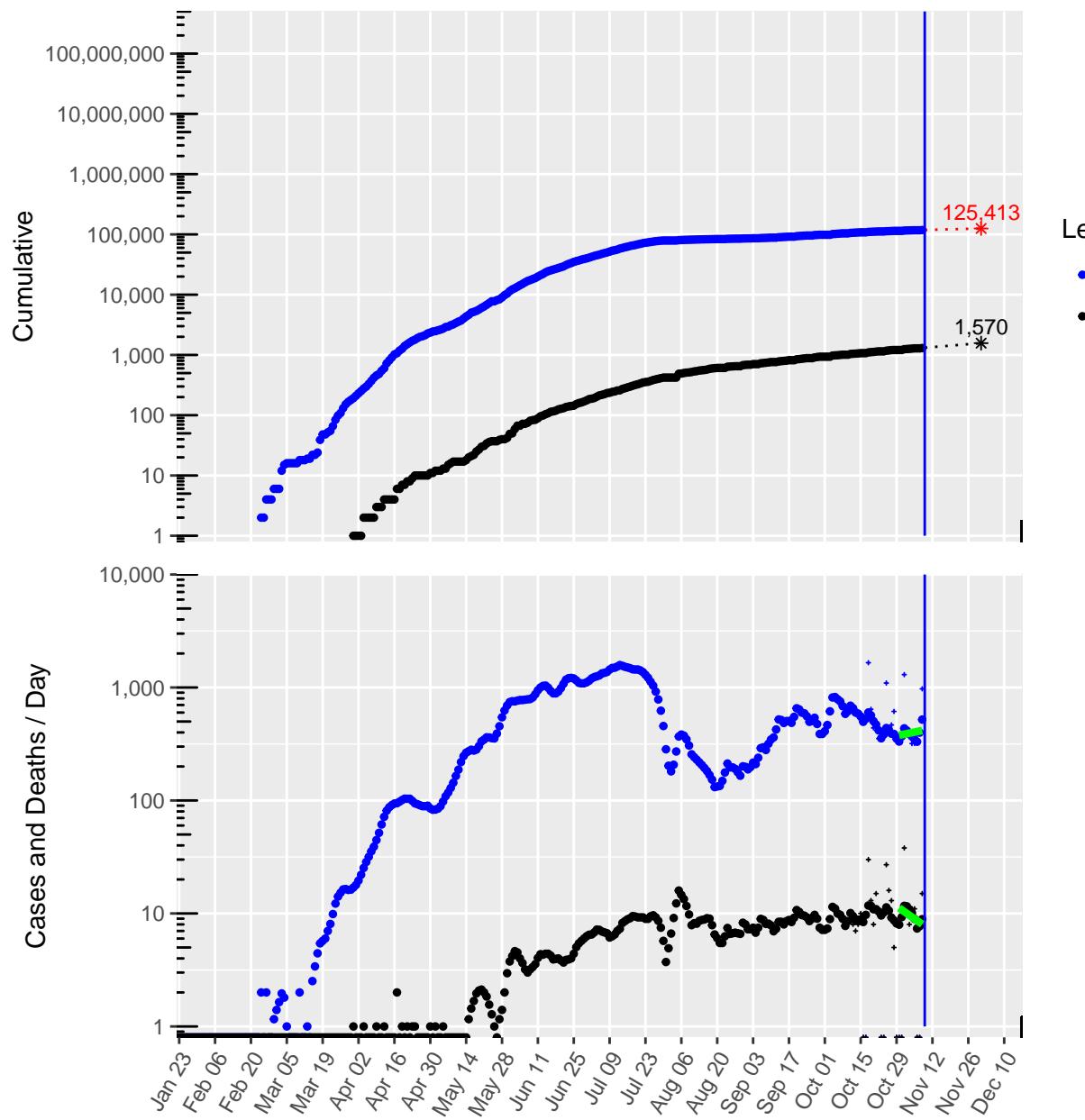


— Deaths: 811 (3) — Case Mortality: 0.6% — Daily Change: -0.6% Cases, -0.8% Deaths (over 9 days)

United Arab Emirates projection as of 2020-11-09

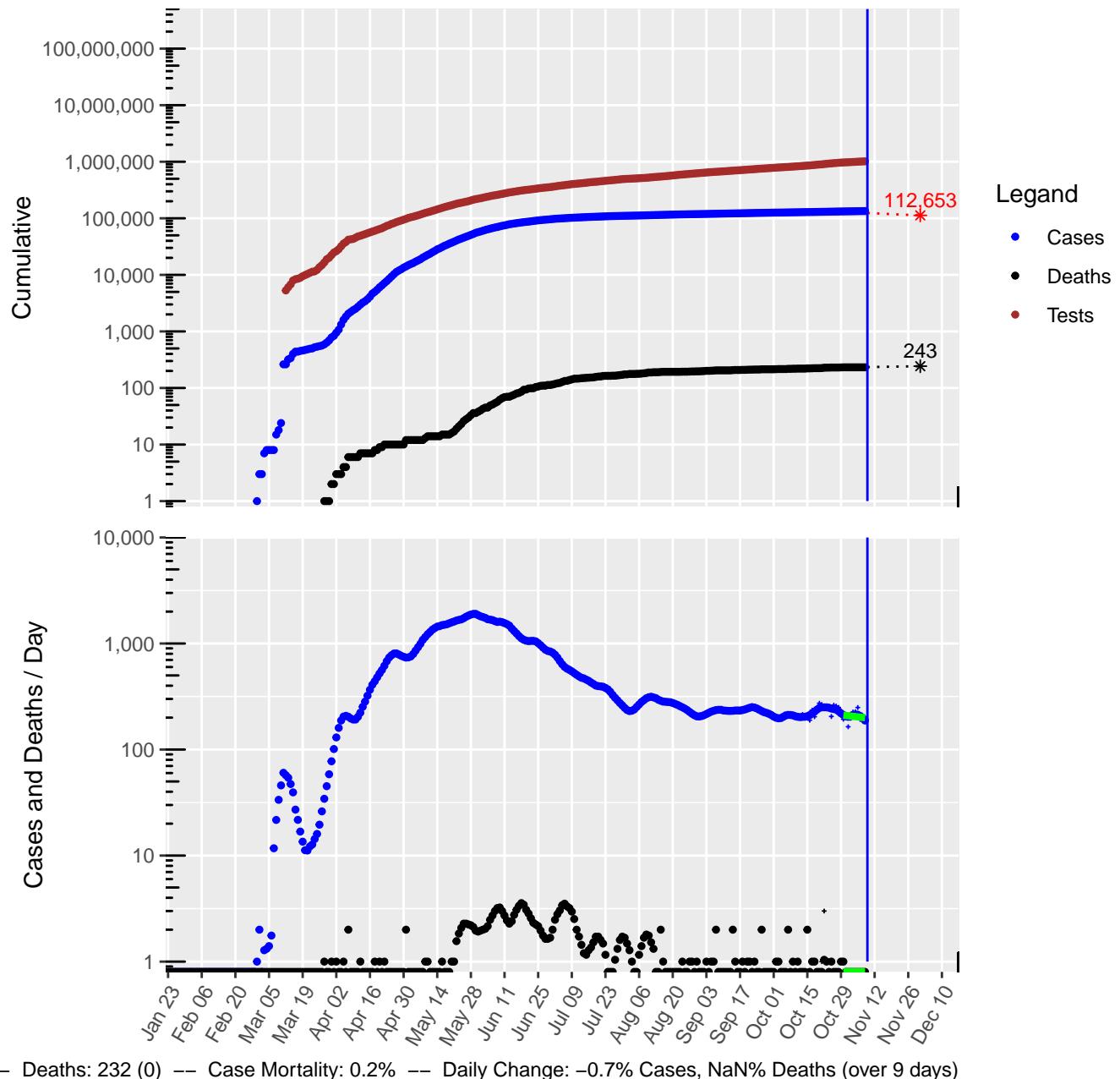


Oman projection as of 2020-11-09

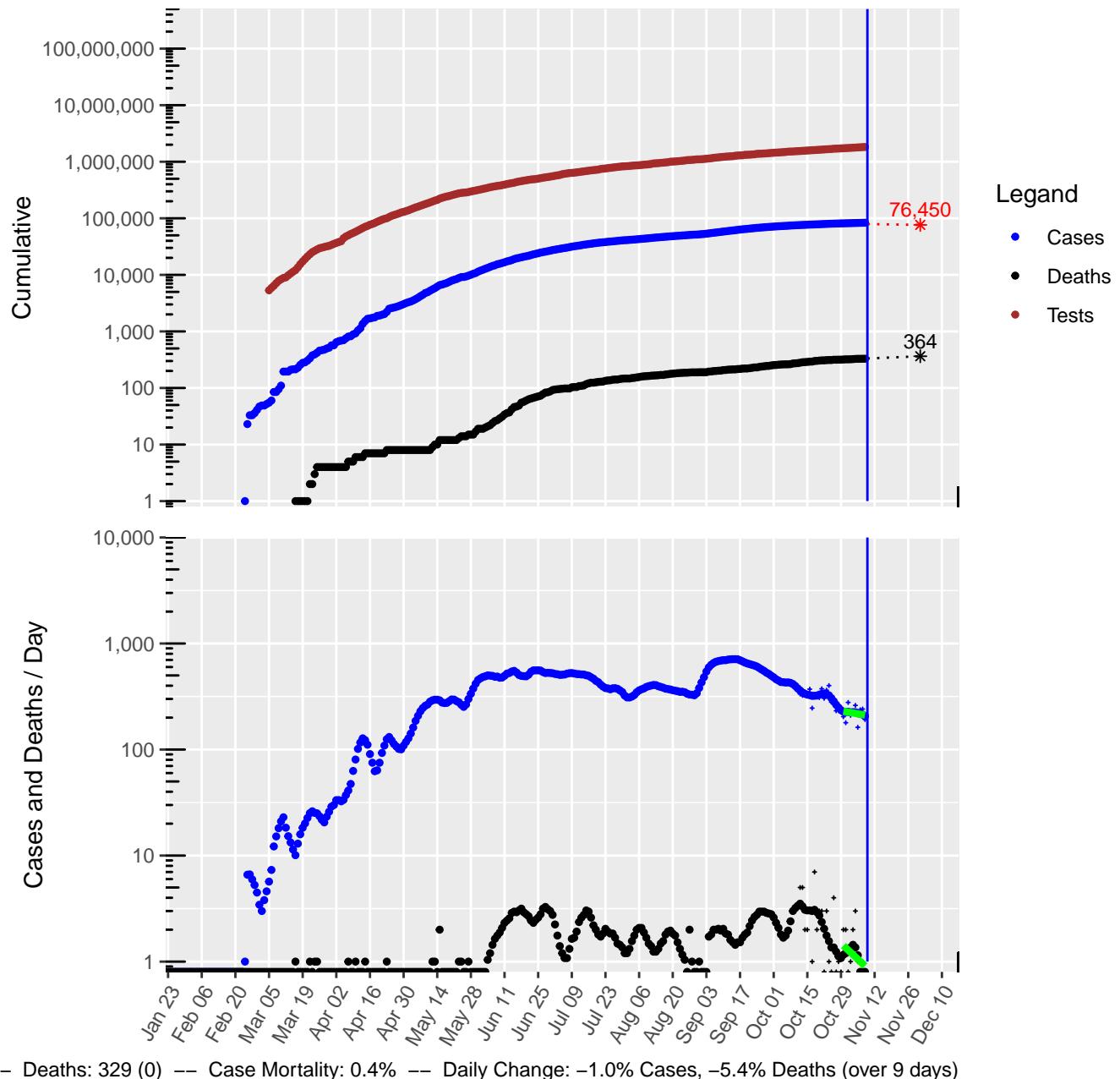


Deaths: 1,301 (15) --- Case Mortality: 1.1% --- Daily Change: +1.2% Cases, -4.1% Deaths (over 9 days)

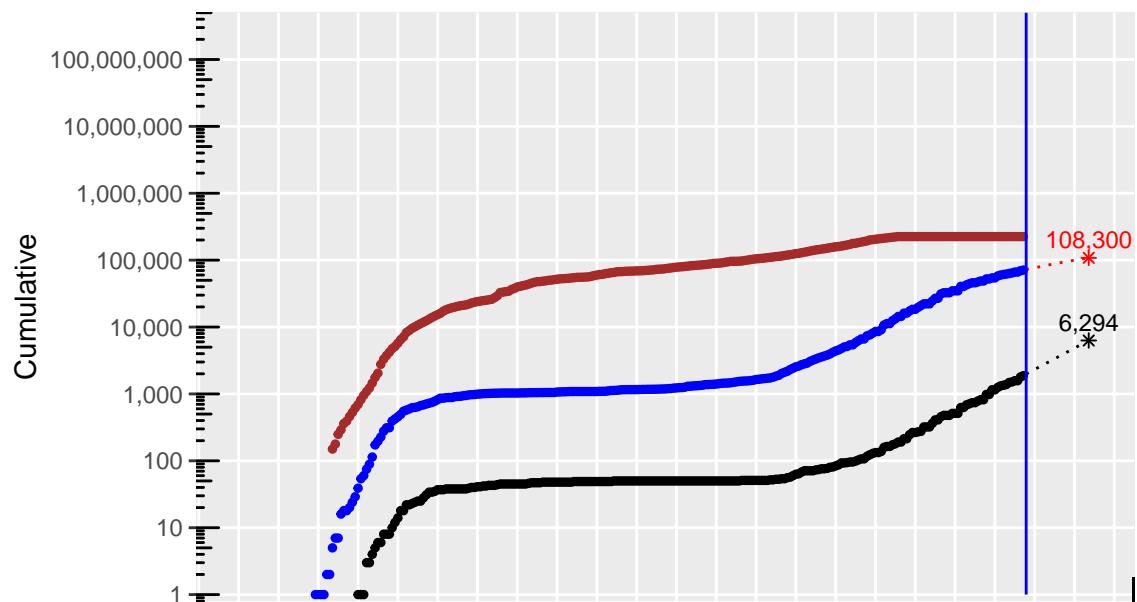
Qatar projection as of 2020-11-09



Bahrain projection as of 2020-11-09

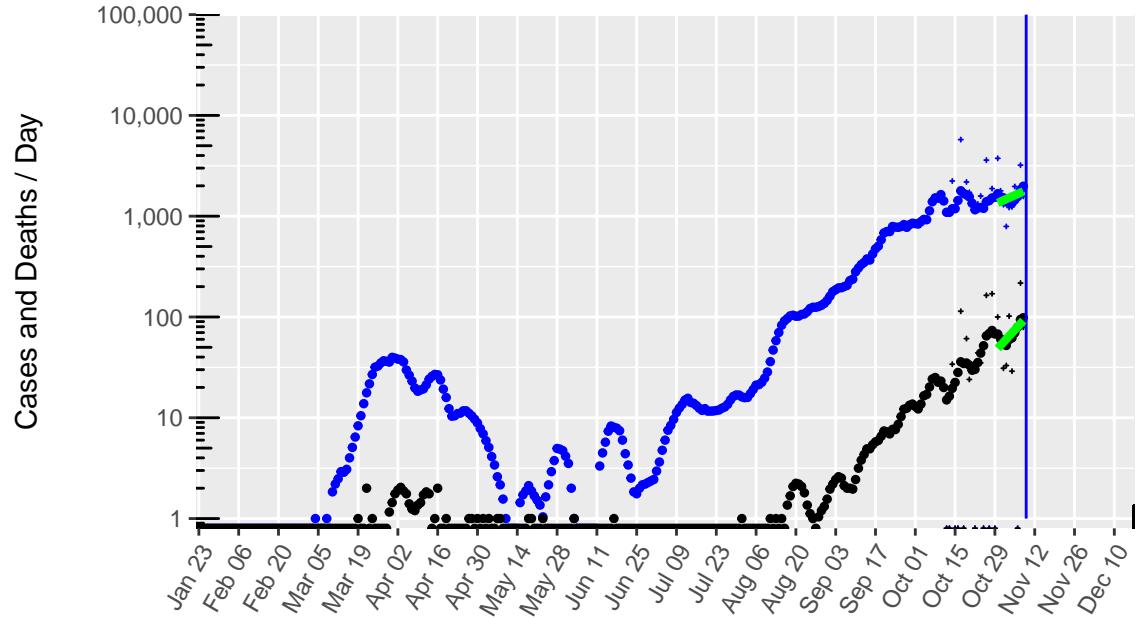


Tunisia projection as of 2020-11-09



Legand

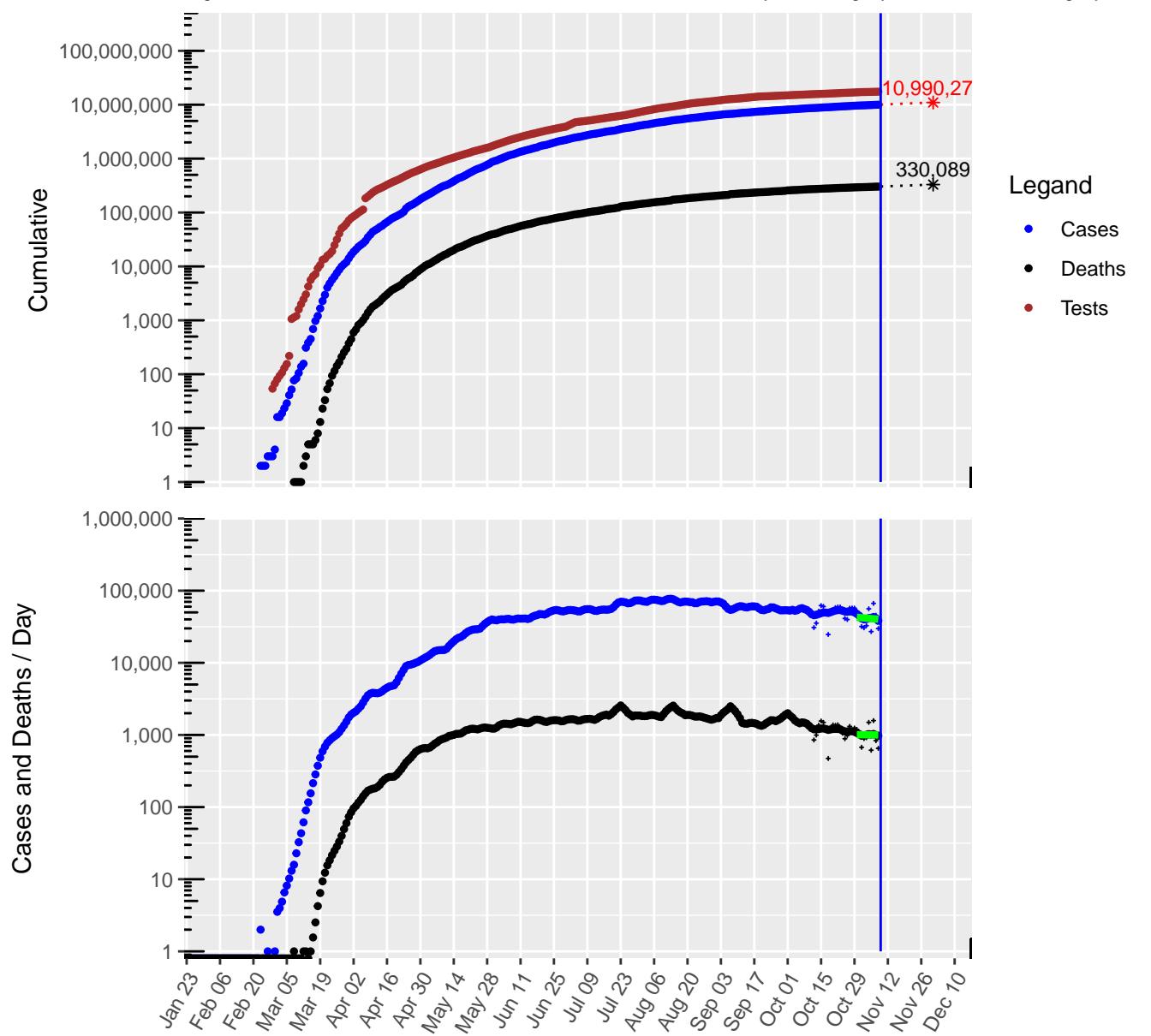
- Cases
- Deaths
- Tests



Deaths: 1,873 (79) --- Case Mortality: 2.6% --- Daily Change: +3.3% Cases, +7.7% Deaths (over 9 days)

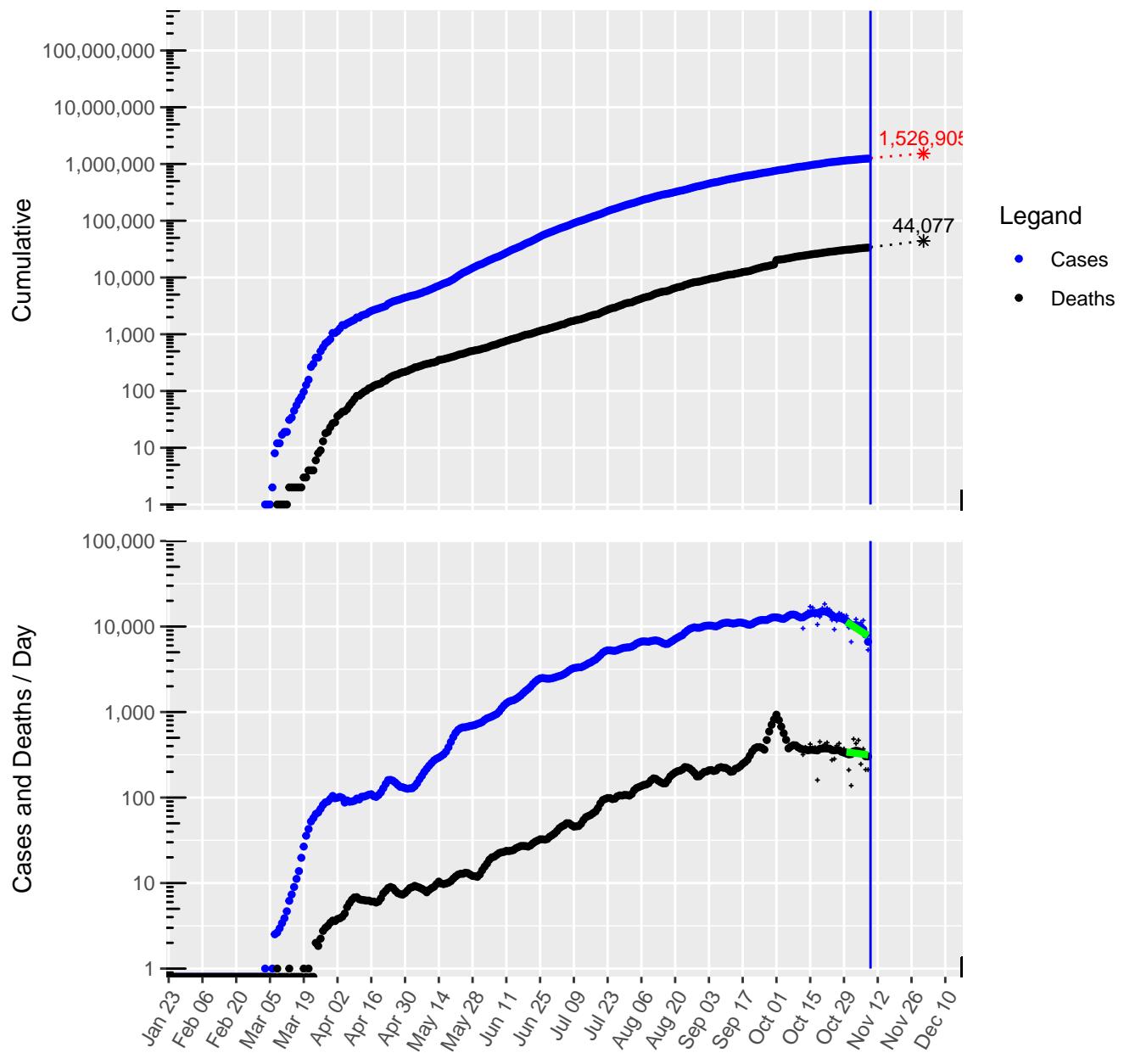
South America projection as of 2020-11-09

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

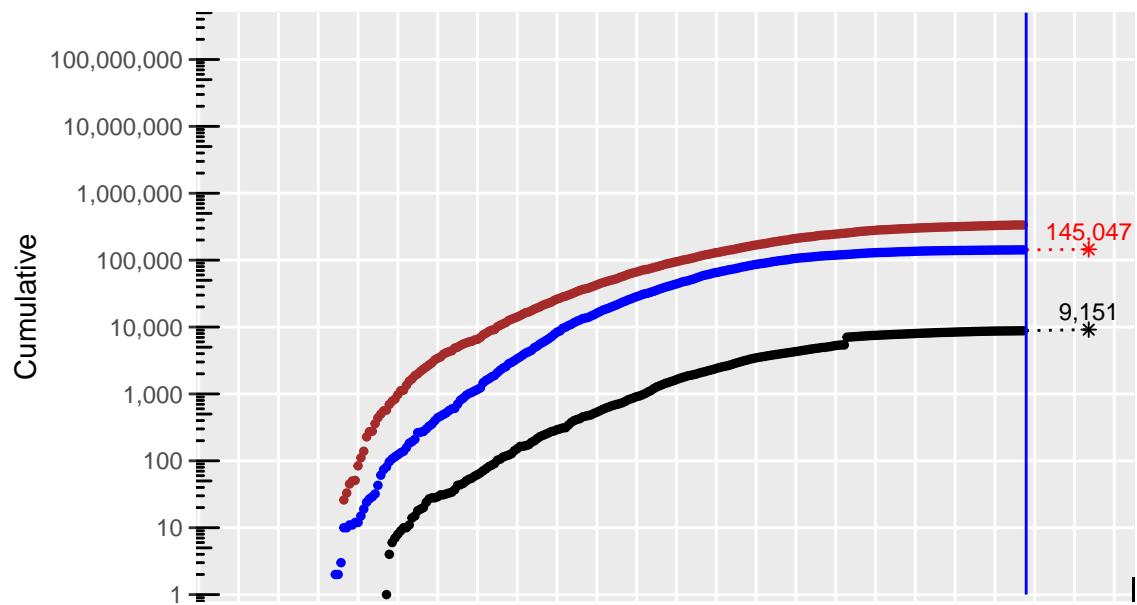


ths: 302,432 (652) --- Case Mortality: 3.0% --- Daily Change: -0.7% Cases, -0.1% Deaths (over 9 days)

Argentina projection as of 2020-11-09

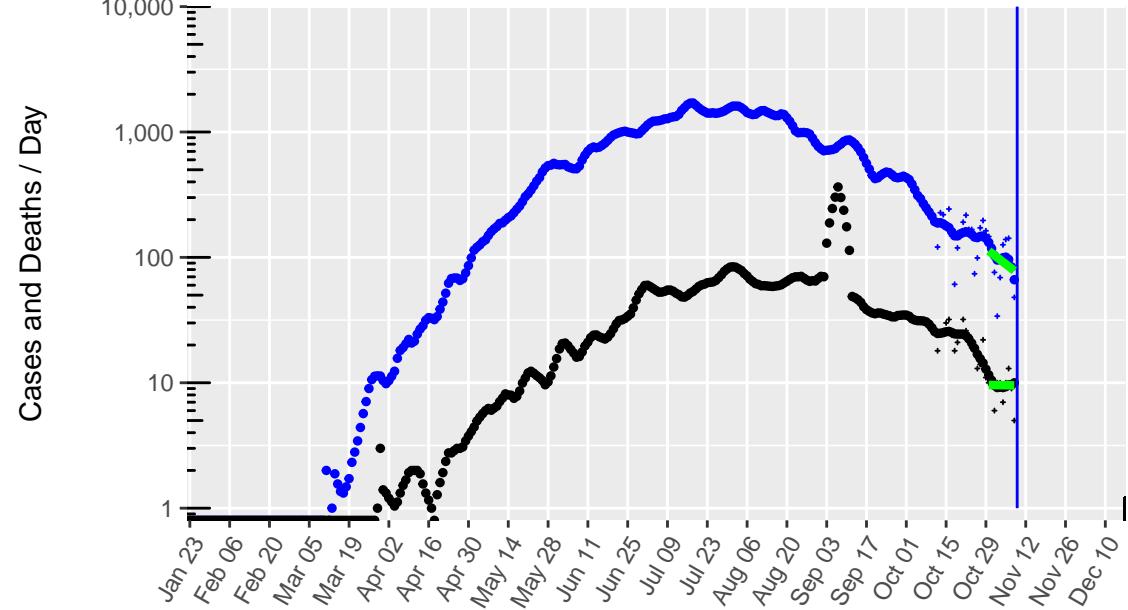


Bolivia projection as of 2020-11-09

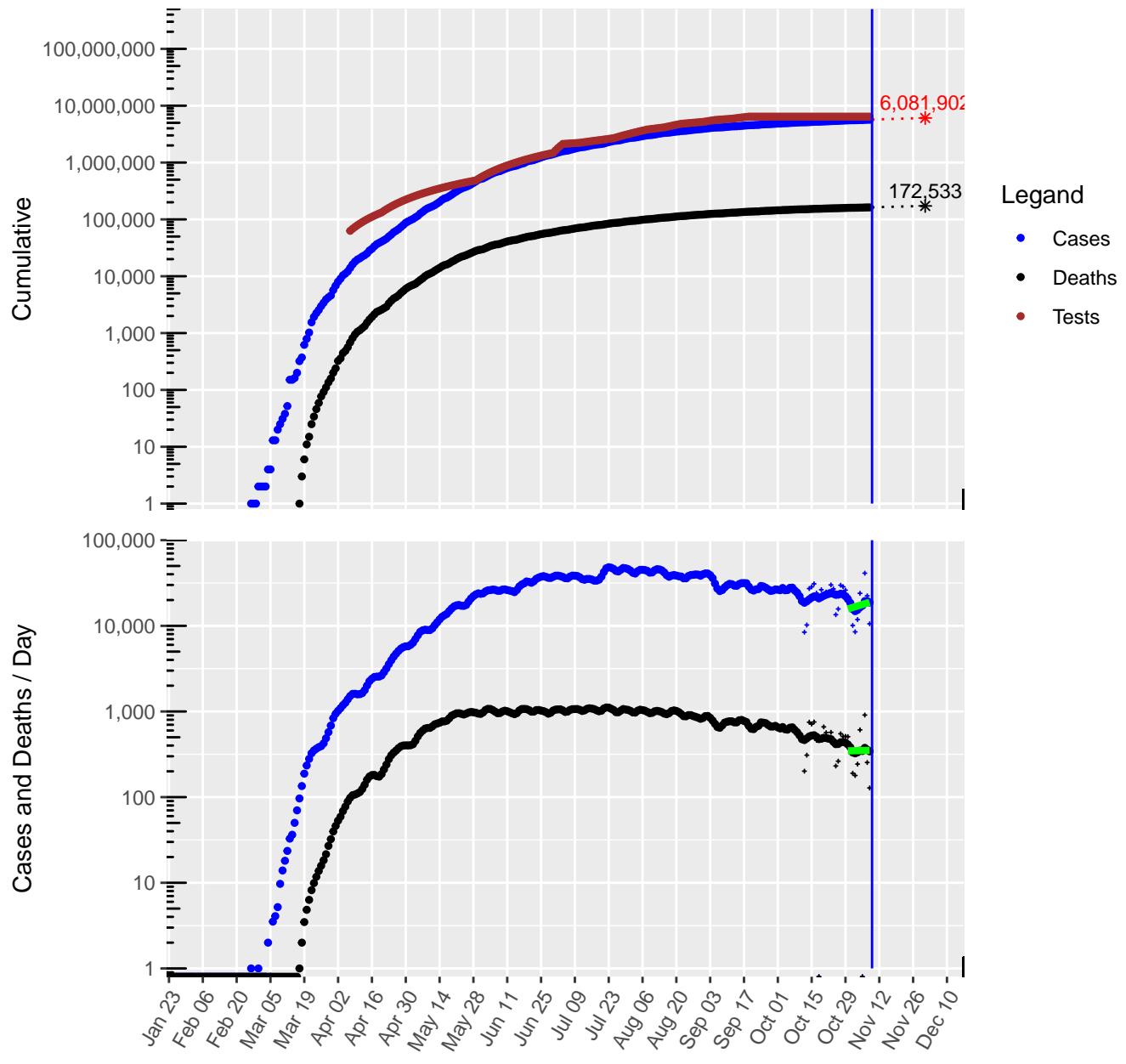


Legand

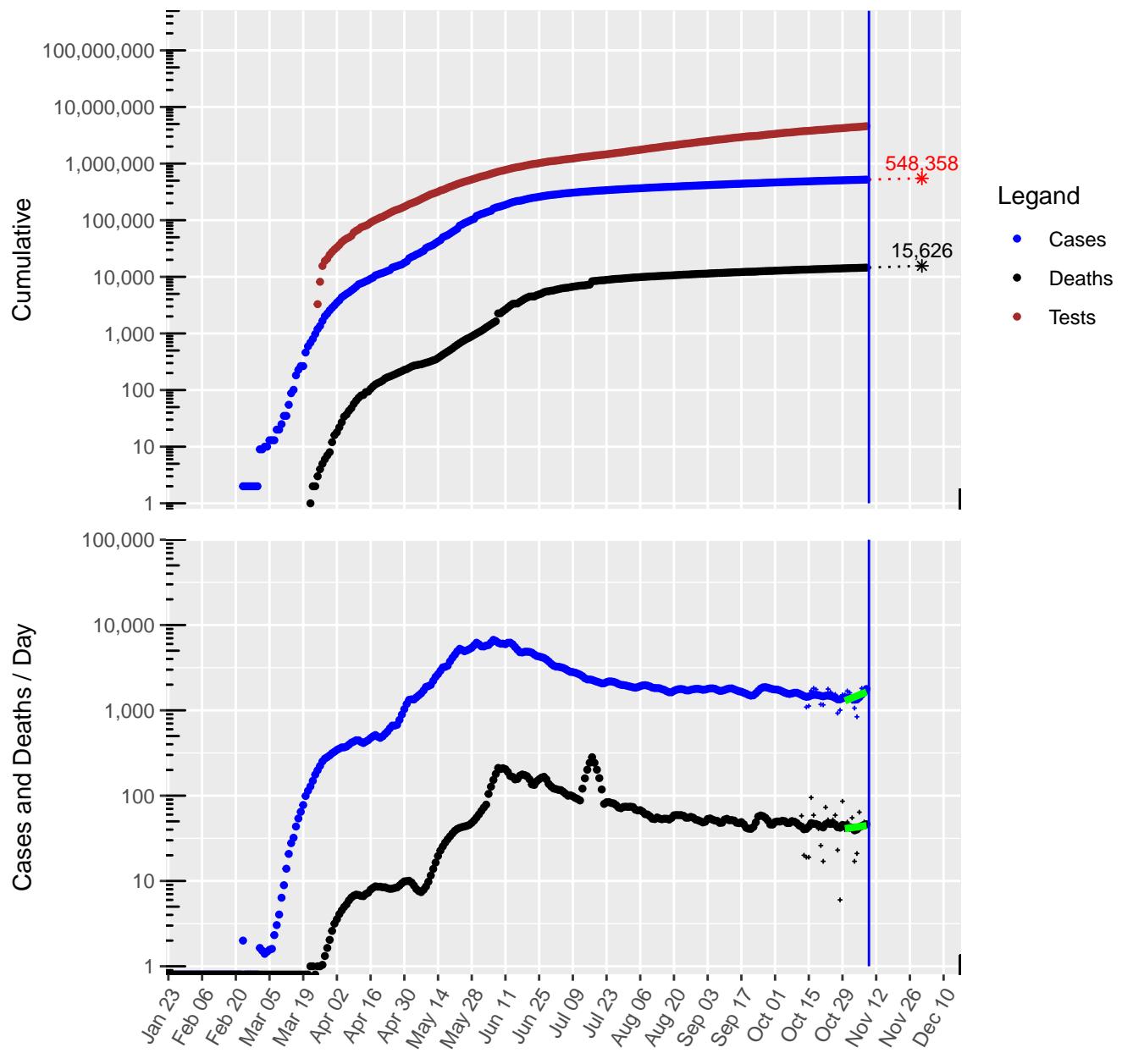
- Cases
- Deaths
- Tests



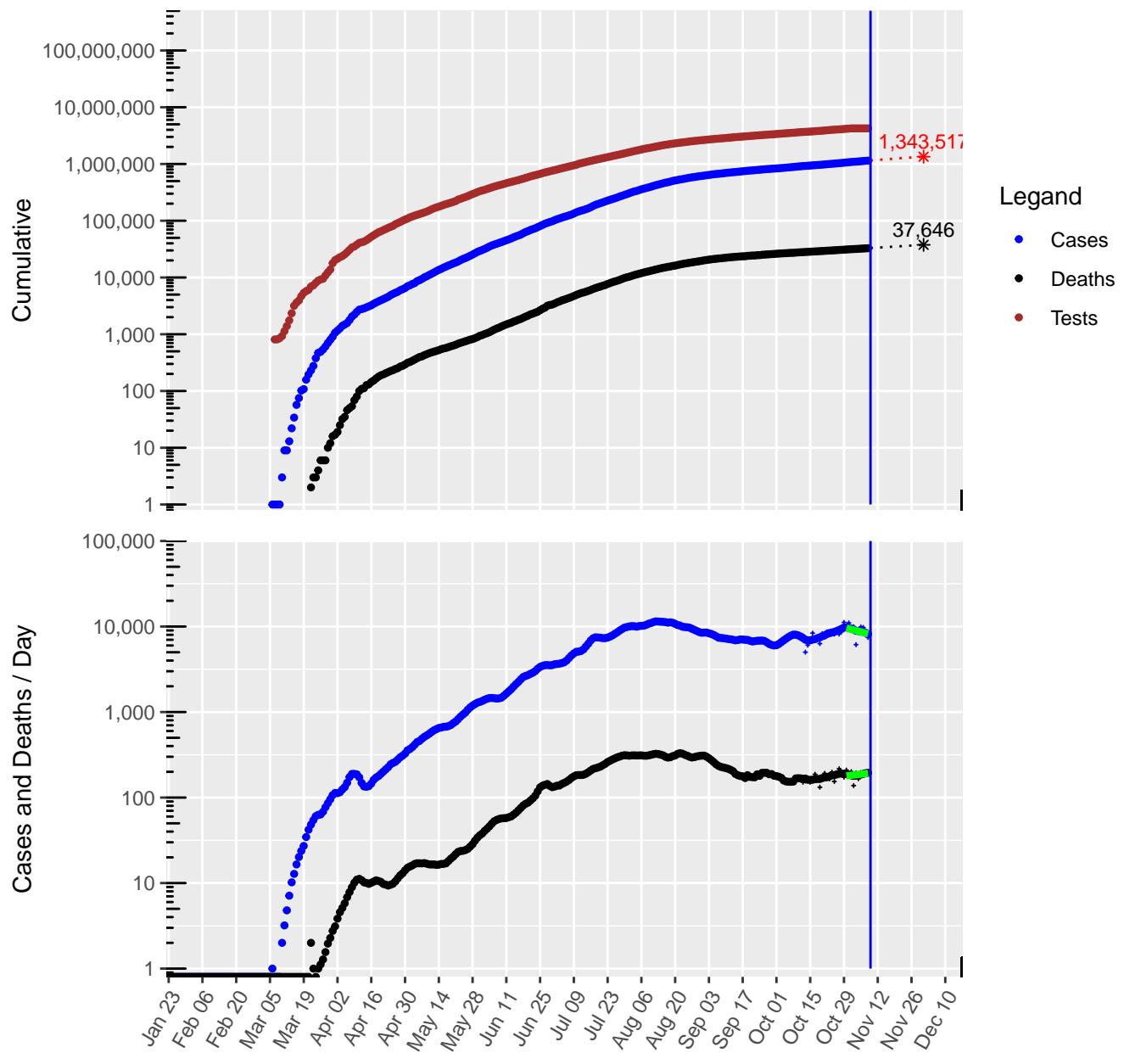
Brazil projection as of 2020-11-09



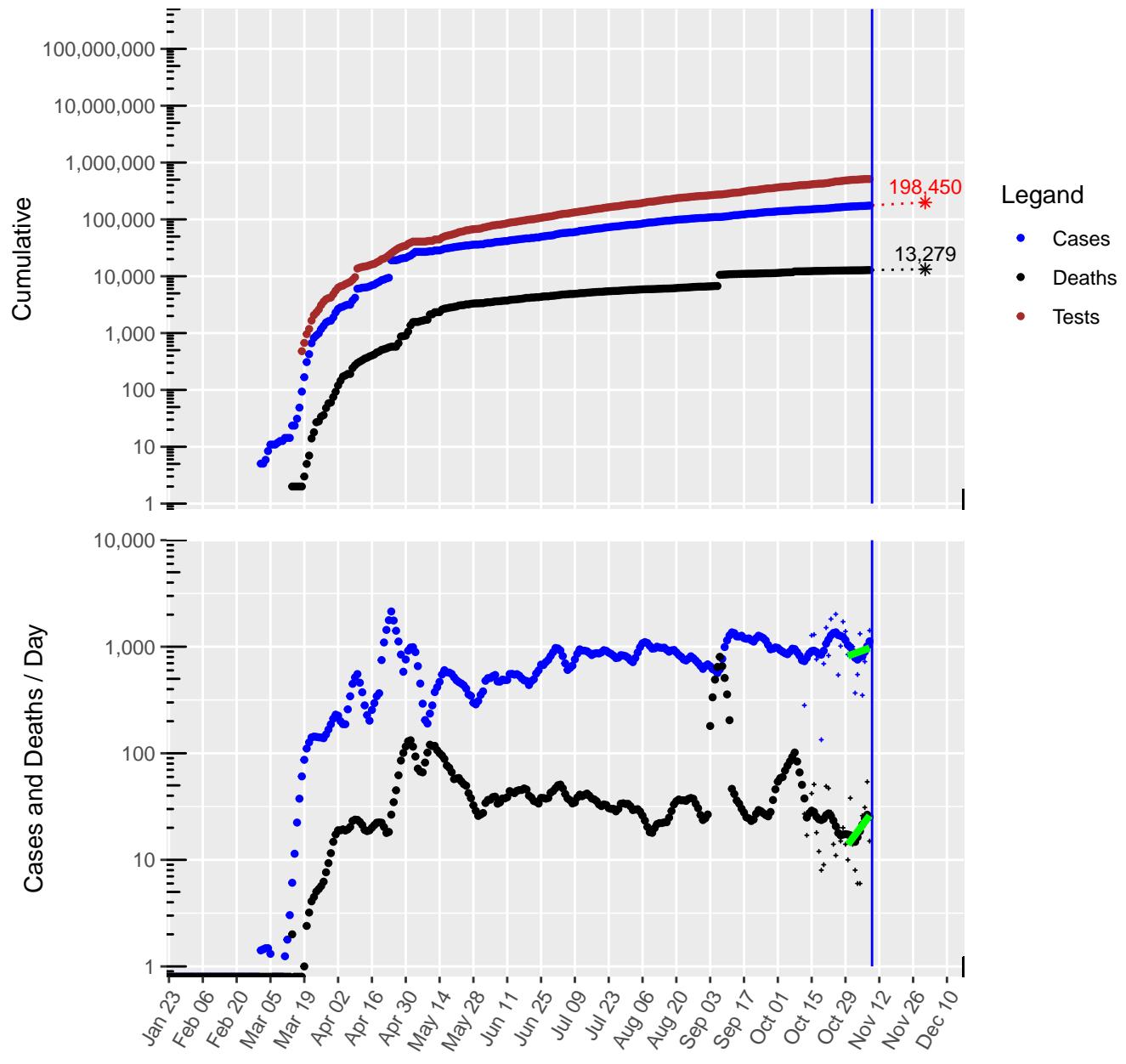
Chile projection as of 2020-11-09



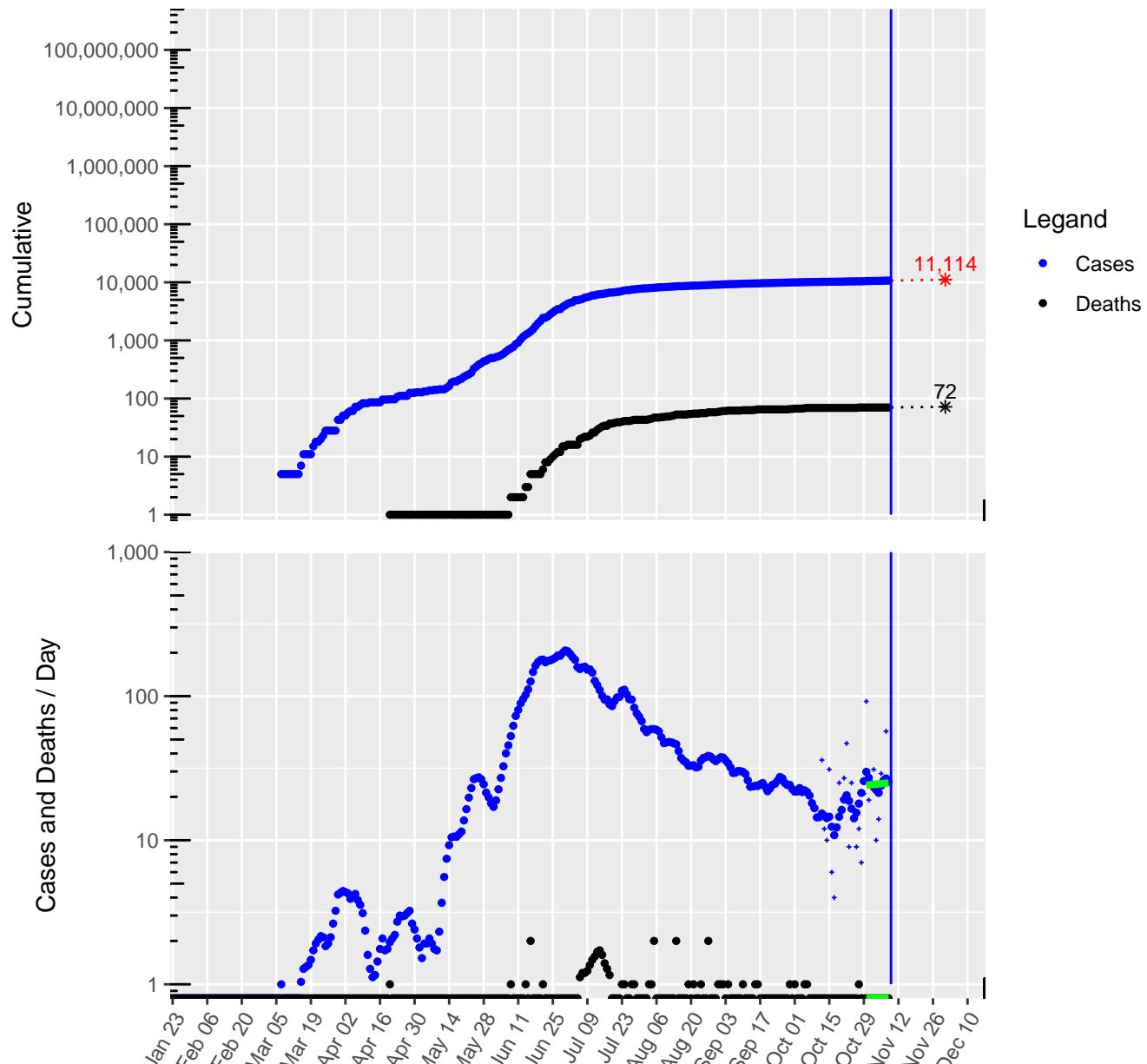
Colombia projection as of 2020-11-09



Ecuador projection as of 2020-11-09

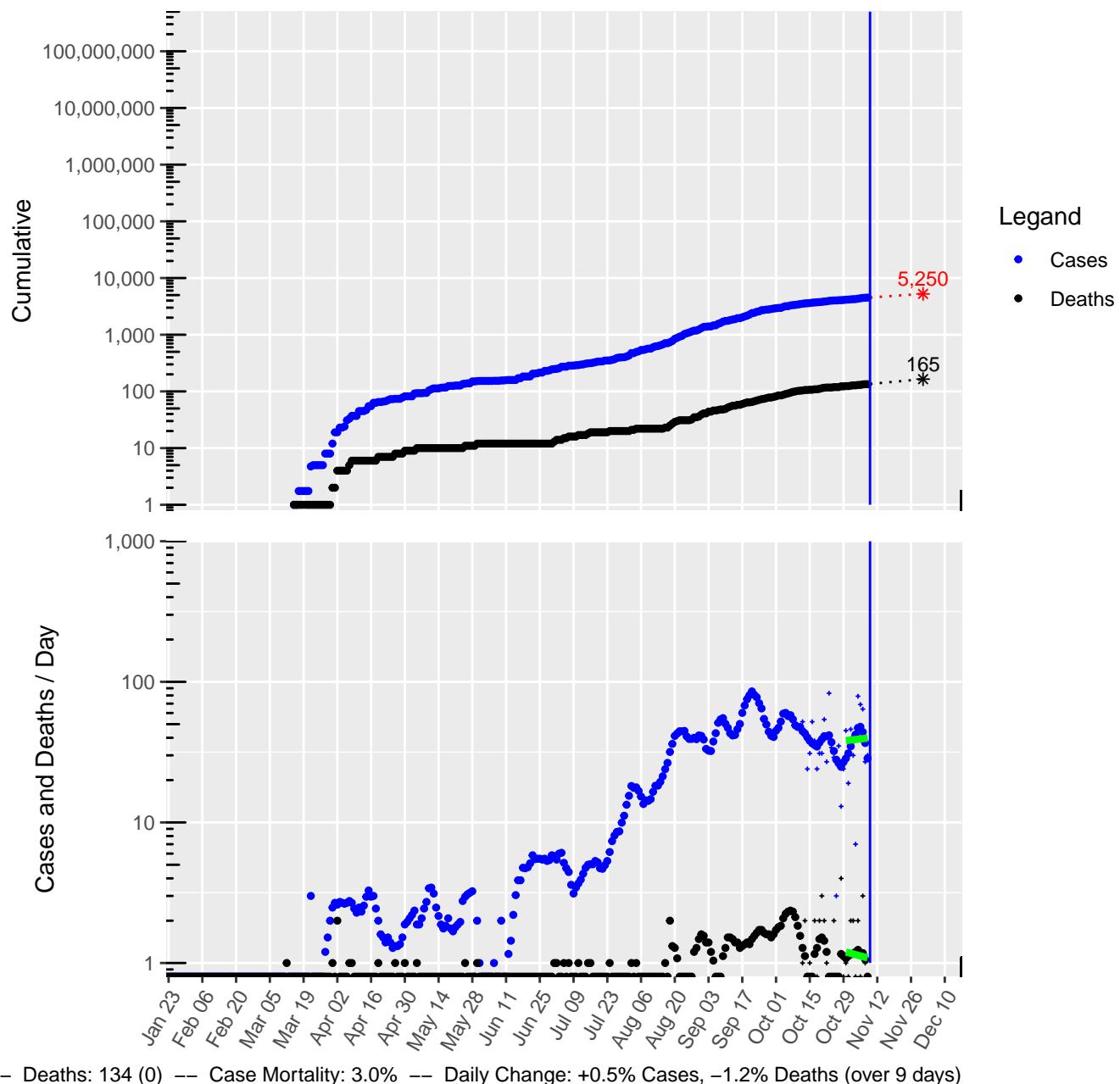


French Guiana projection as of 2020-11-09

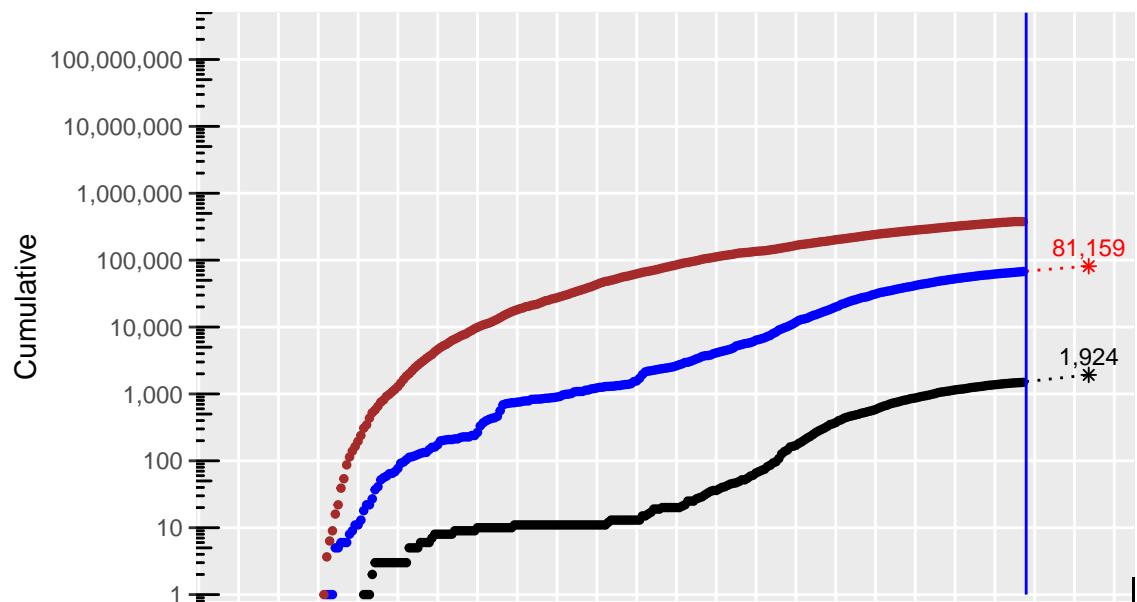


— Deaths: 70 (0) — Case Mortality: 0.7% — Daily Change: +0.5% Cases, NaN% Deaths (over 9 days)

Guyana projection as of 2020-11-09

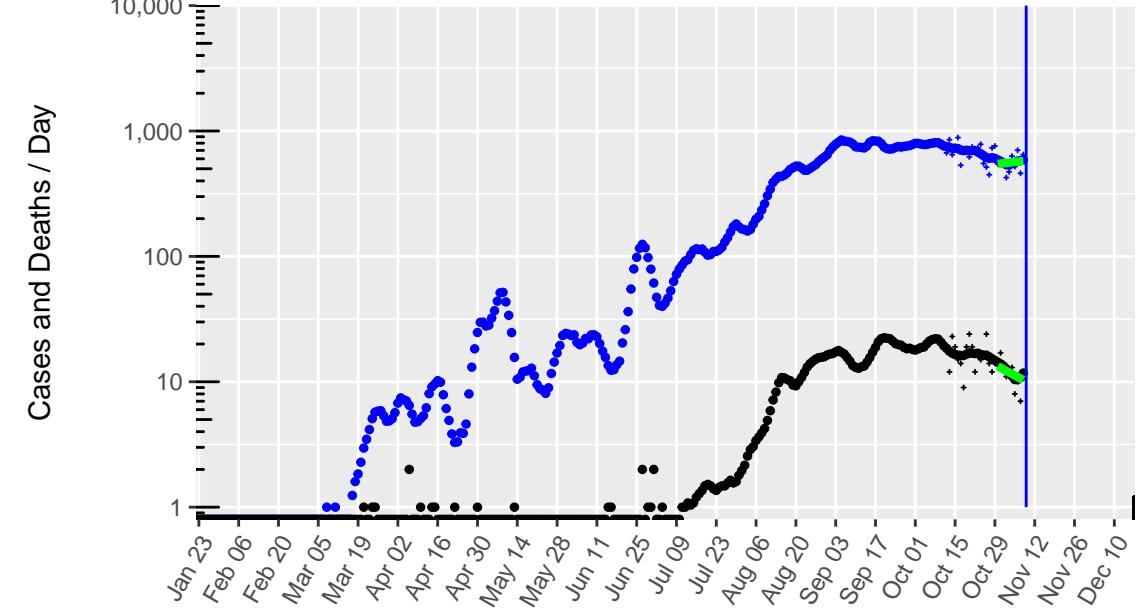


Paraguay projection as of 2020-11-09



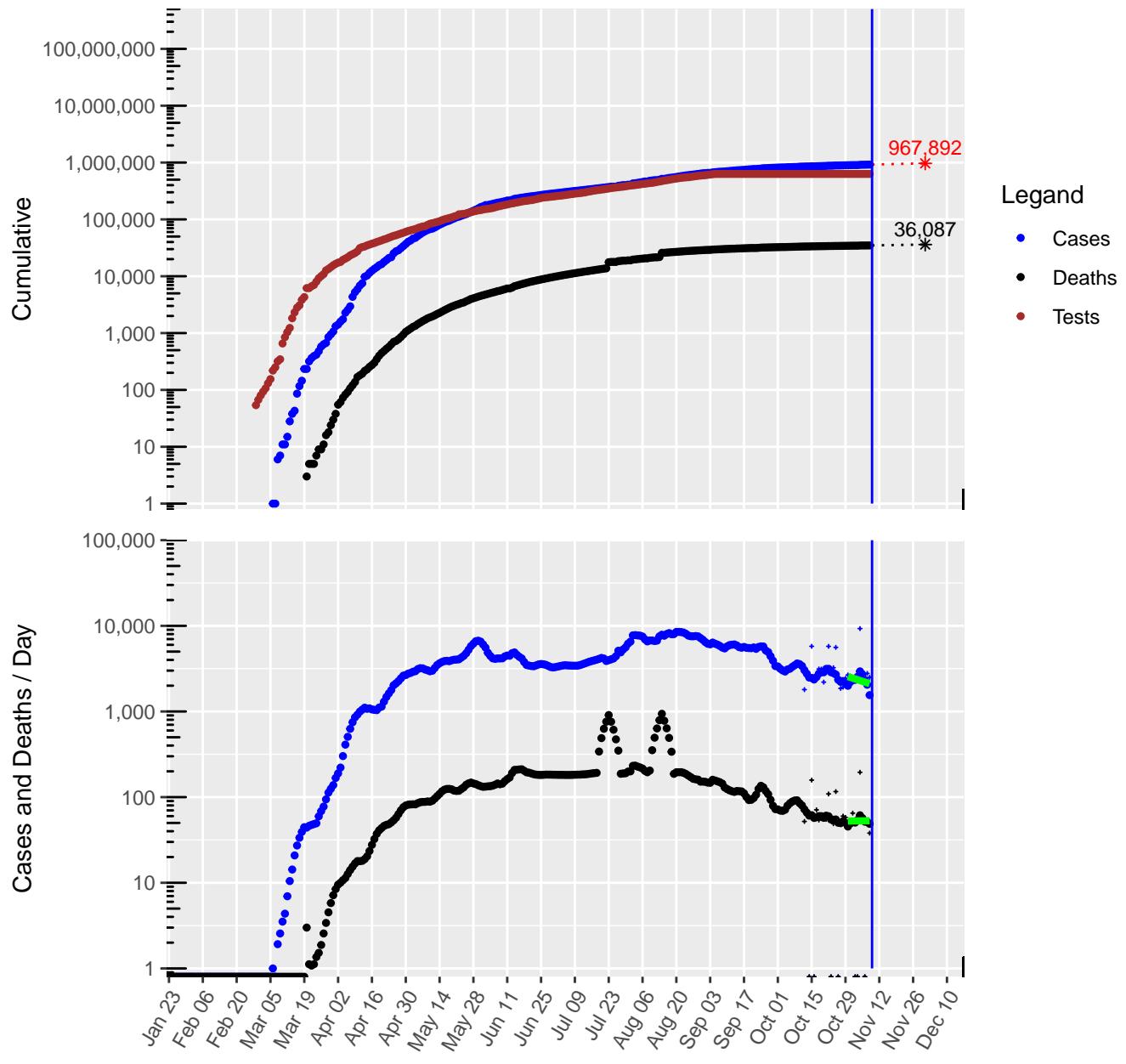
Legand

- Cases
- Deaths
- Tests

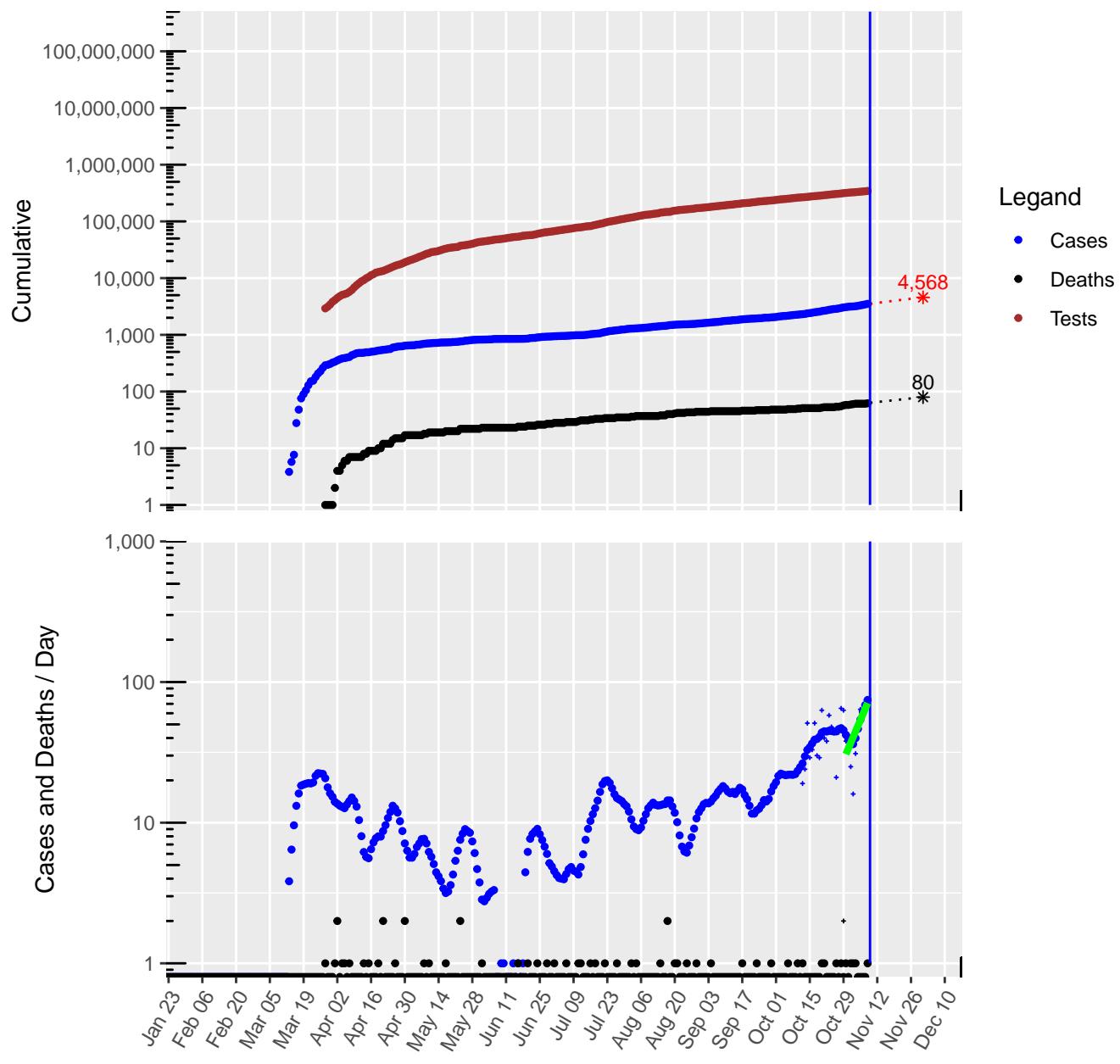


Deaths: 1,490 (11) --- Case Mortality: 2.2% --- Daily Change: +0.7% Cases, -3.1% Deaths (over 9 days)

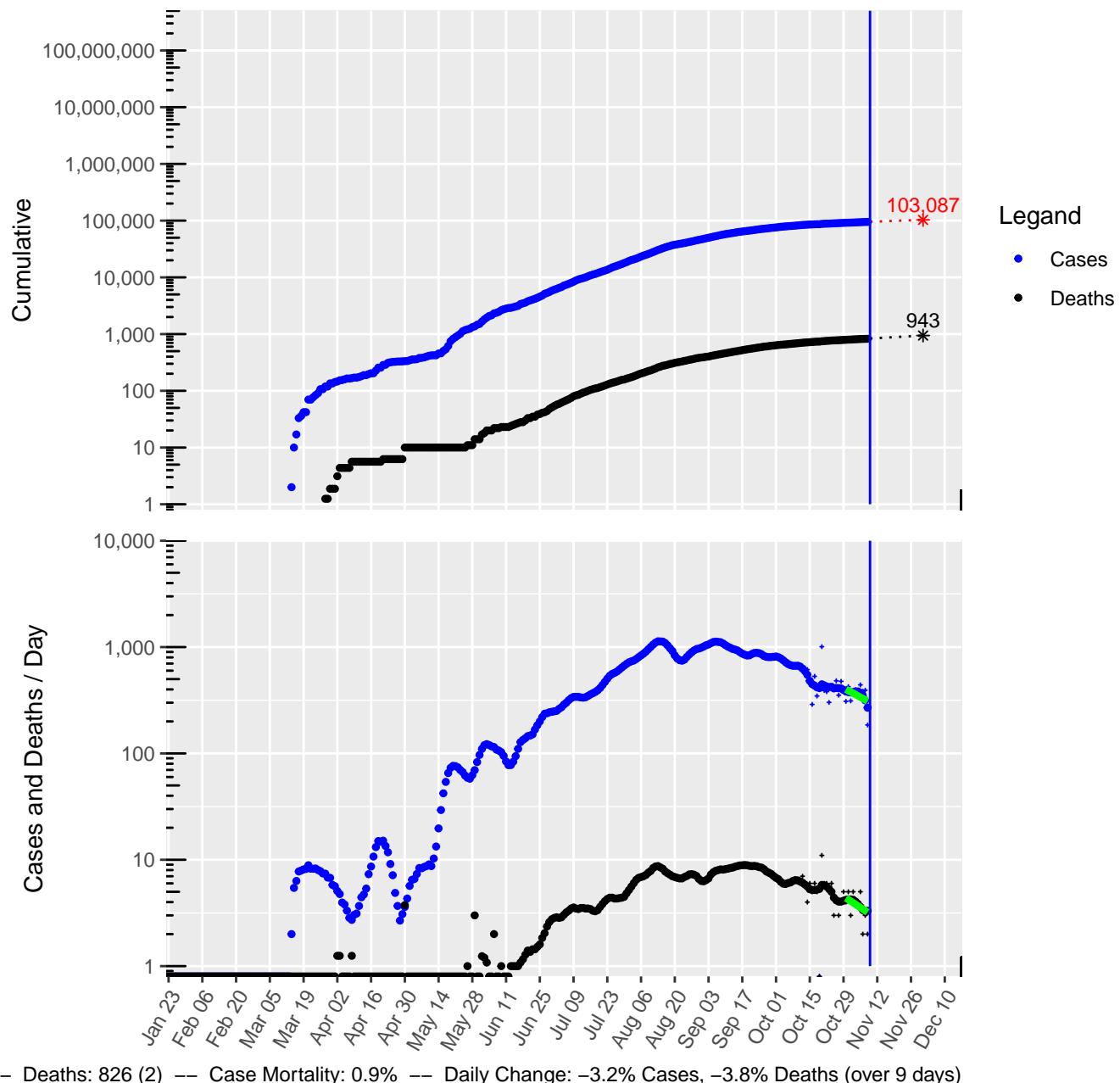
Peru projection as of 2020-11-09



Uruguay projection as of 2020-11-09

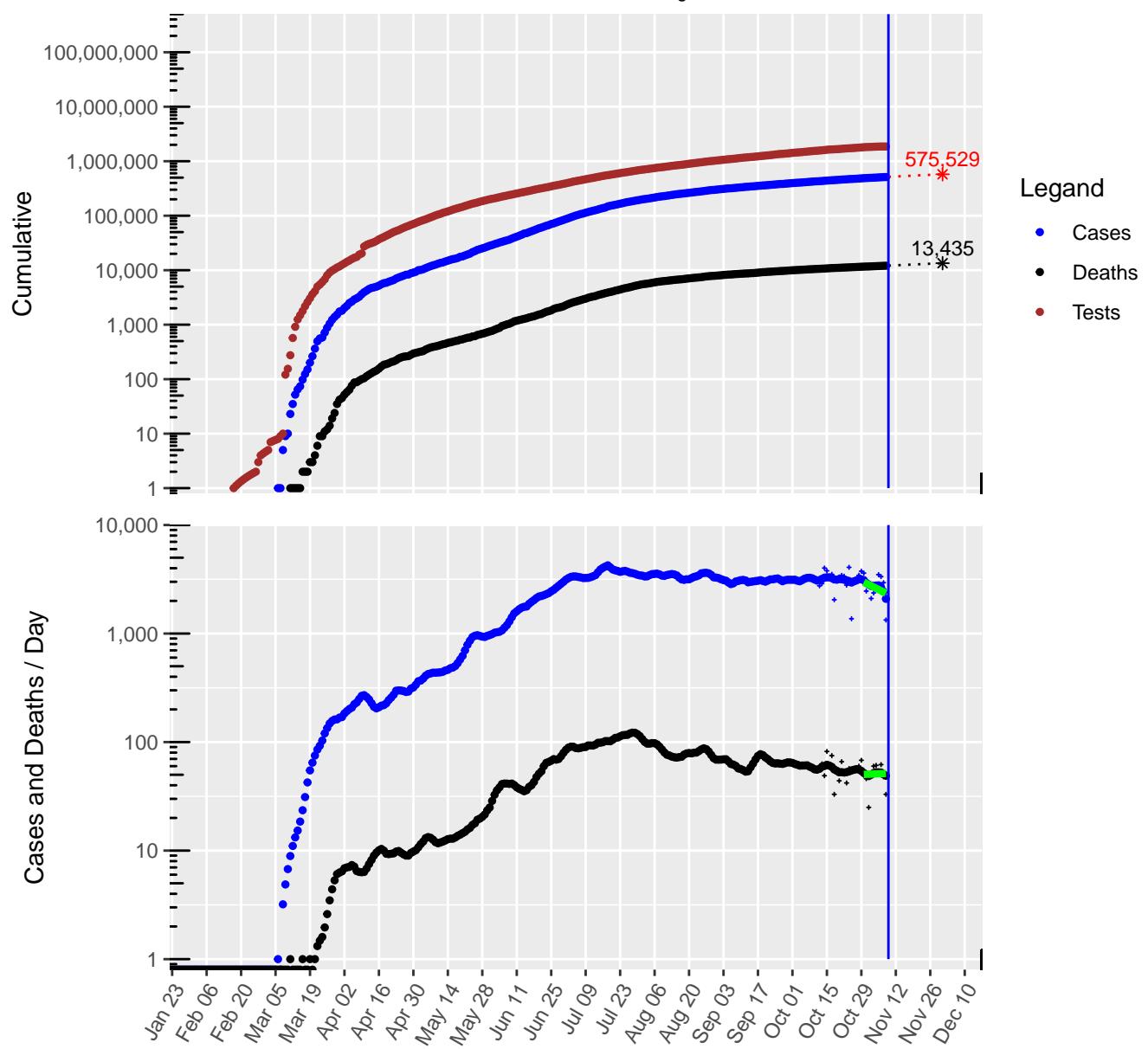


Venezuela projection as of 2020-11-09

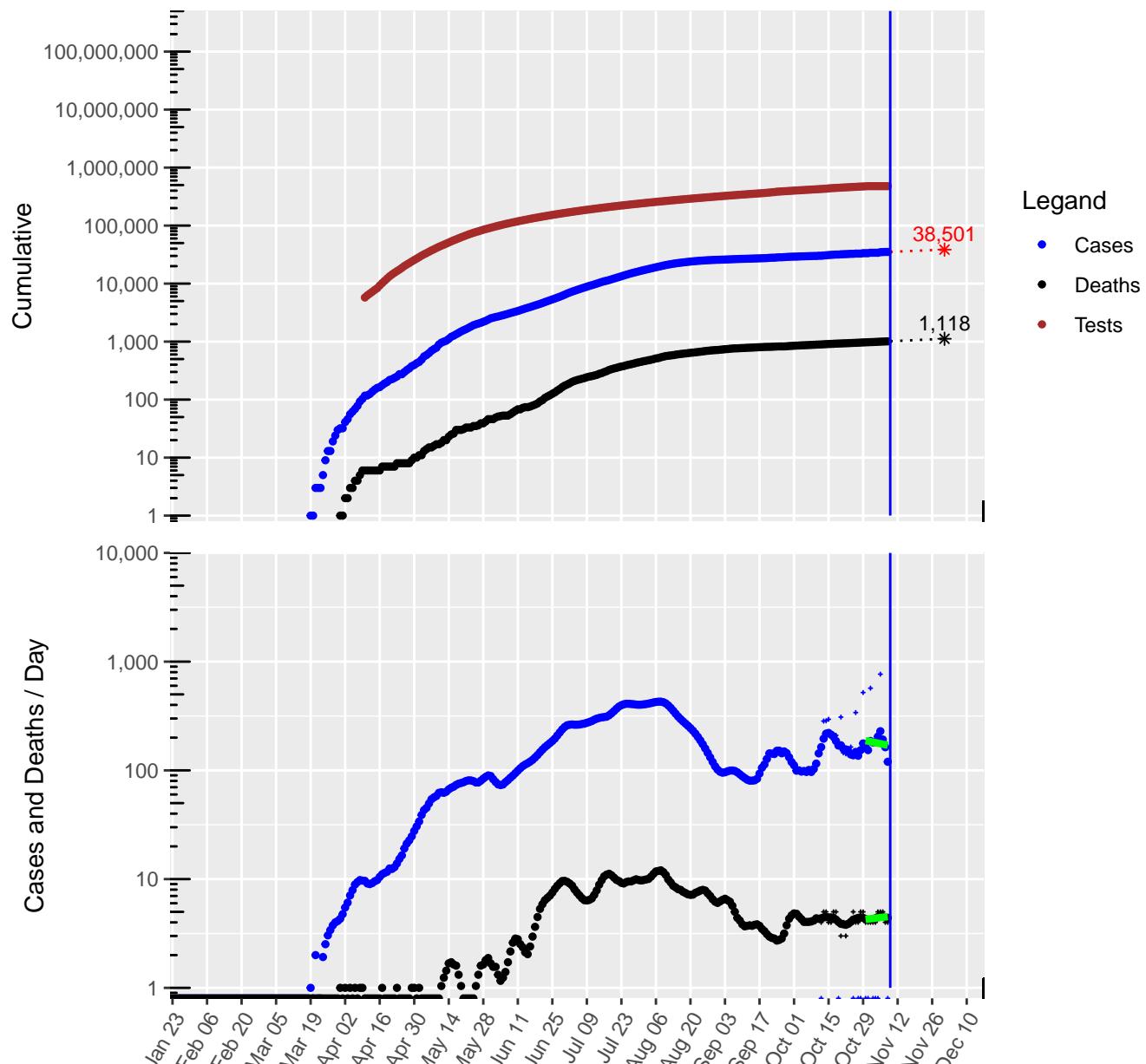


Central America projection as of 2020-11-09

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

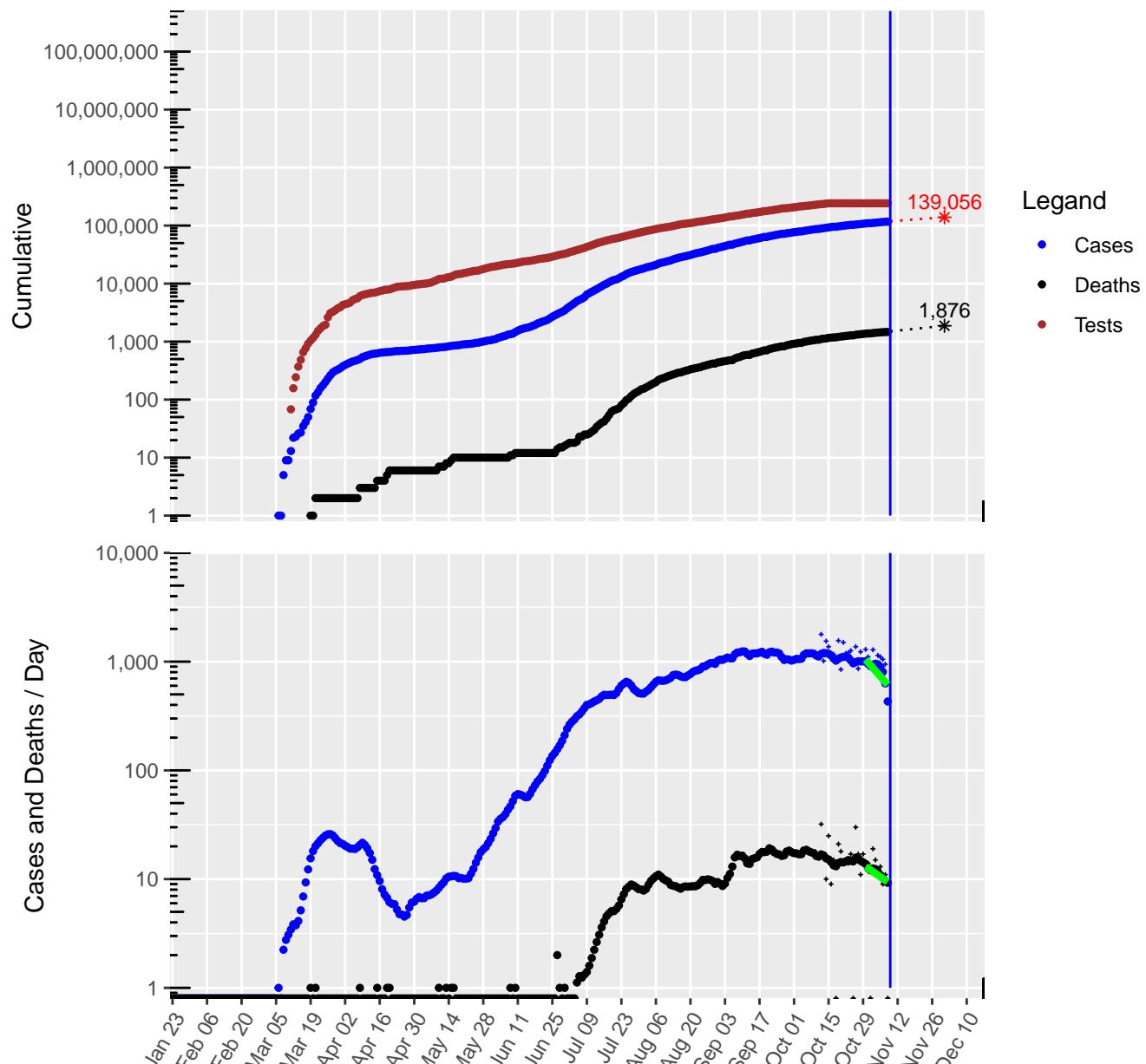


El Salvador projection as of 2020-11-09



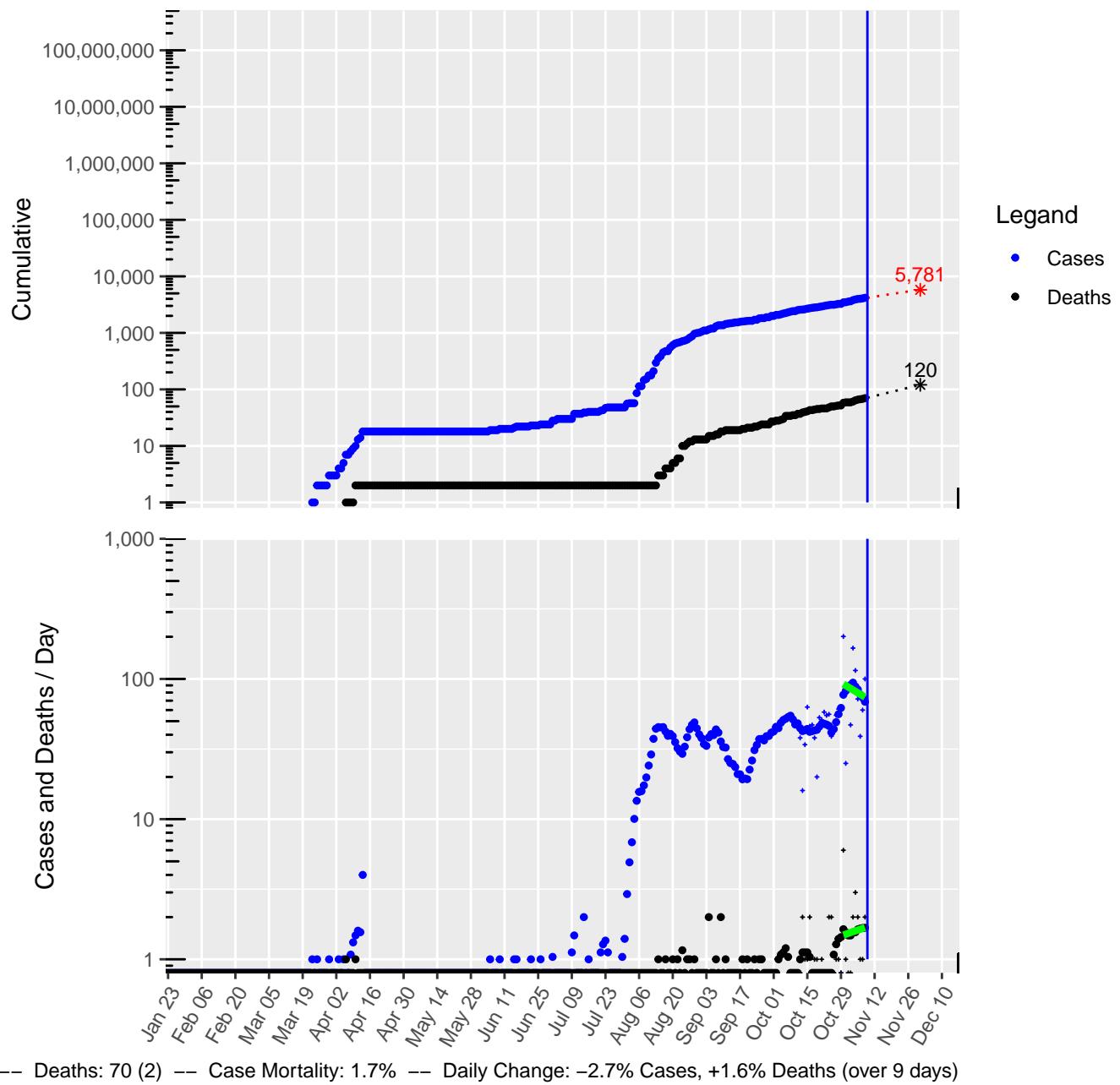
Deaths: 1,010 (4) --- Case Mortality: 2.9% --- Daily Change: -1.2% Cases, +0.7% Deaths (over 9 days)

Costa Rica projection as of 2020-11-09

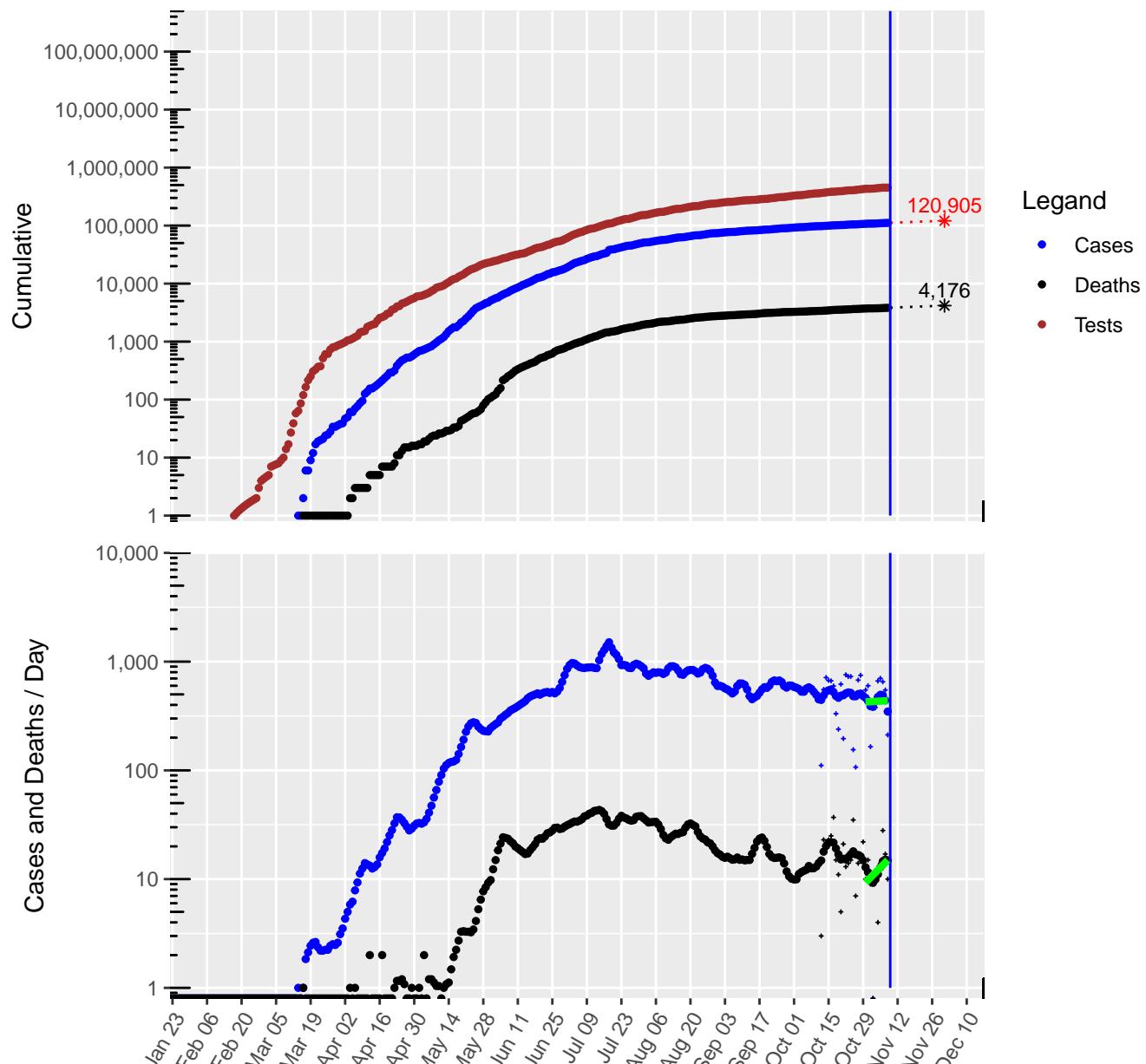


Deaths: 1,464 (0) — Case Mortality: 1.3% — Daily Change: -6.5% Cases, -4.0% Deaths (over 9 days)

Belize projection as of 2020-11-09

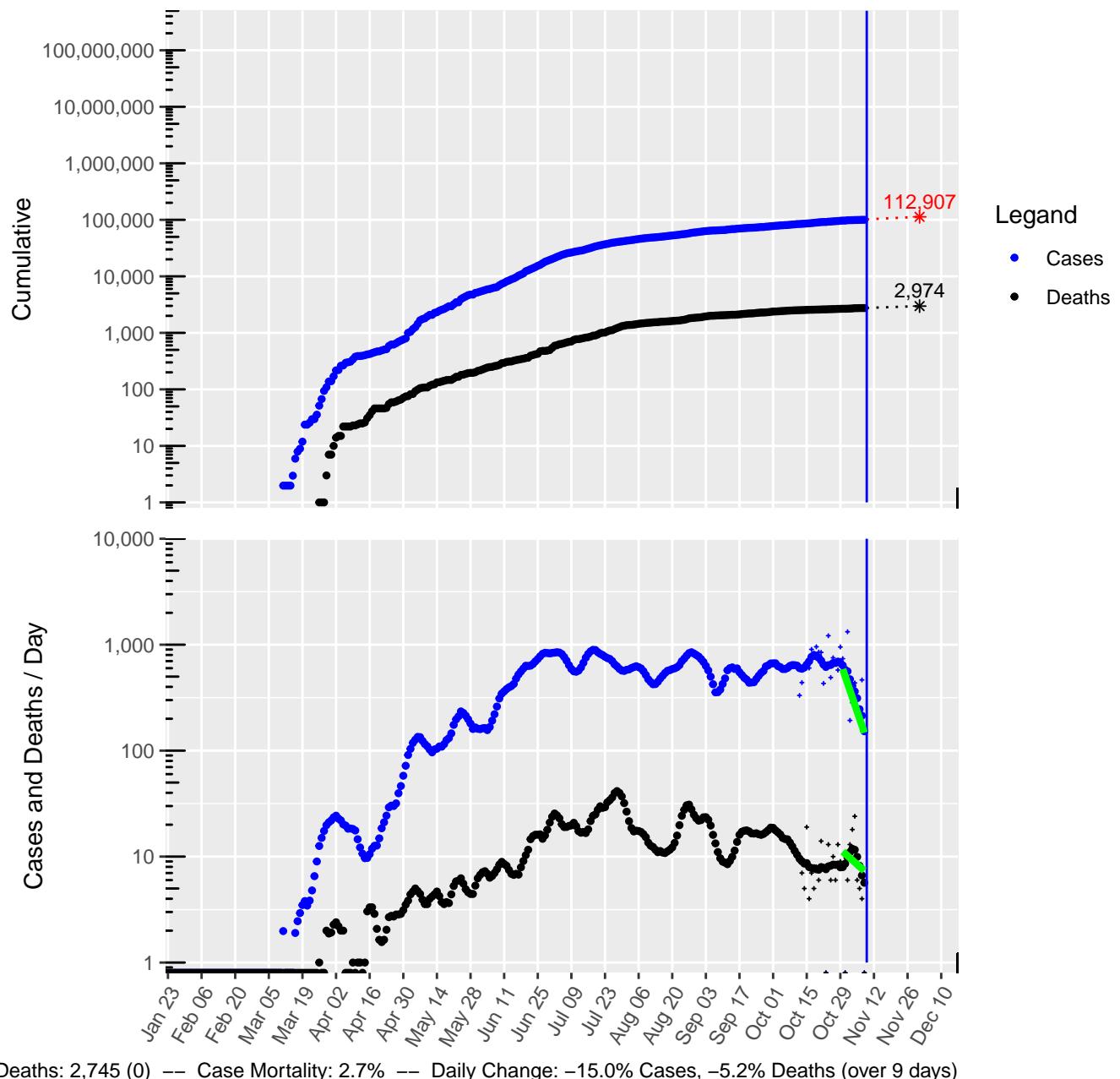


Guatemala projection as of 2020-11-09

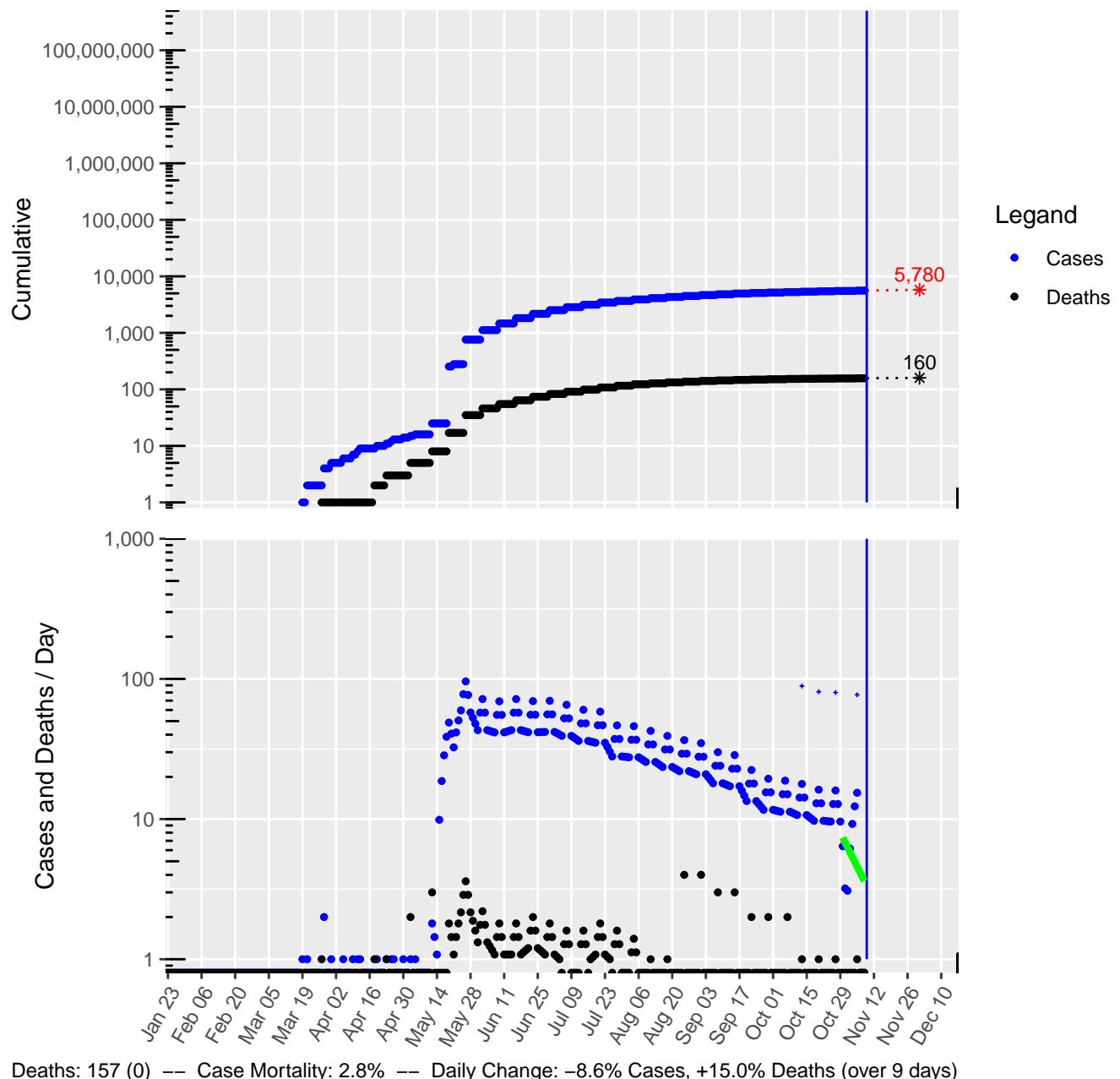


Deaths: 3,821 (10) — Case Mortality: 3.4% — Daily Change: +0.3% Cases, +5.8% Deaths (over 9 days)

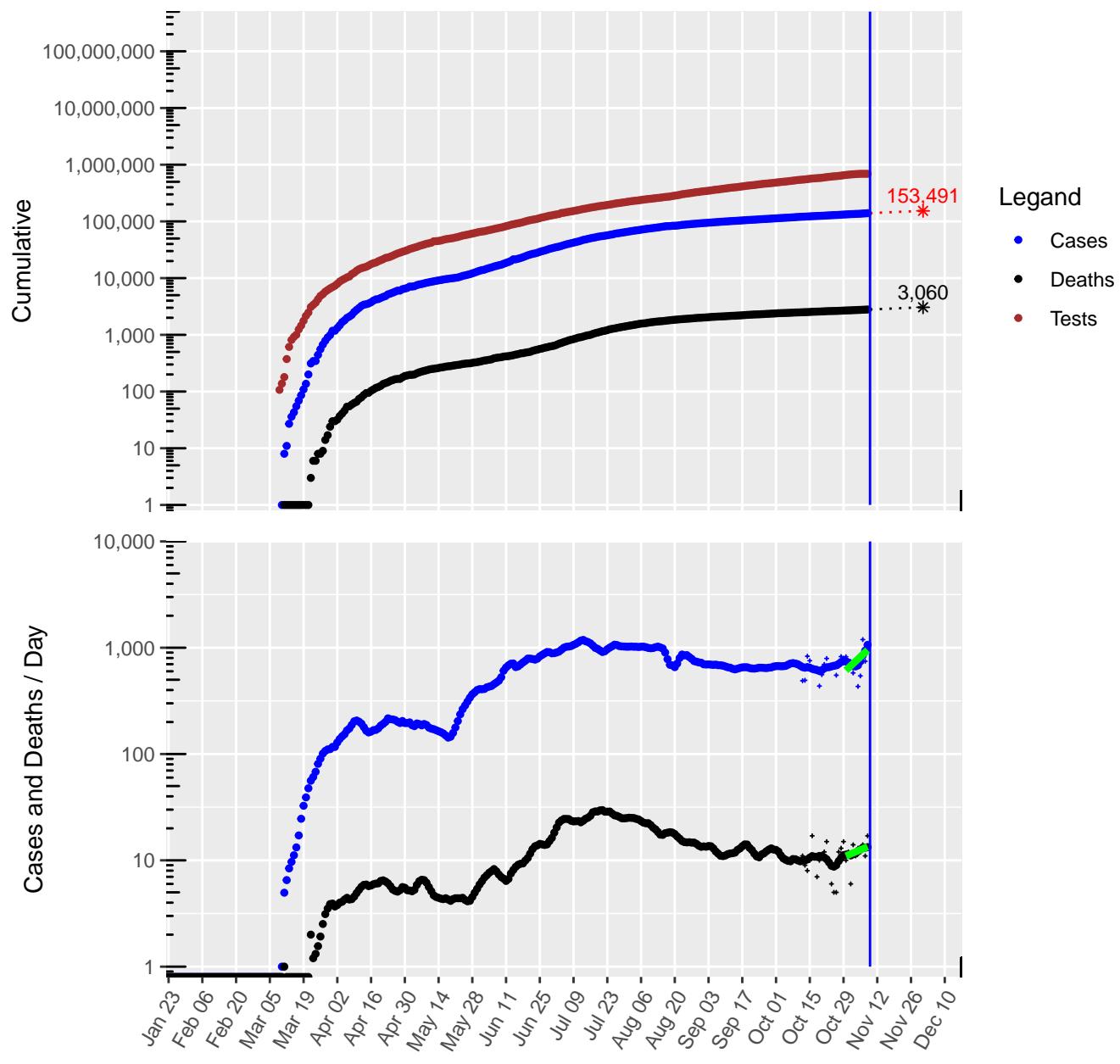
Honduras projection as of 2020-11-09



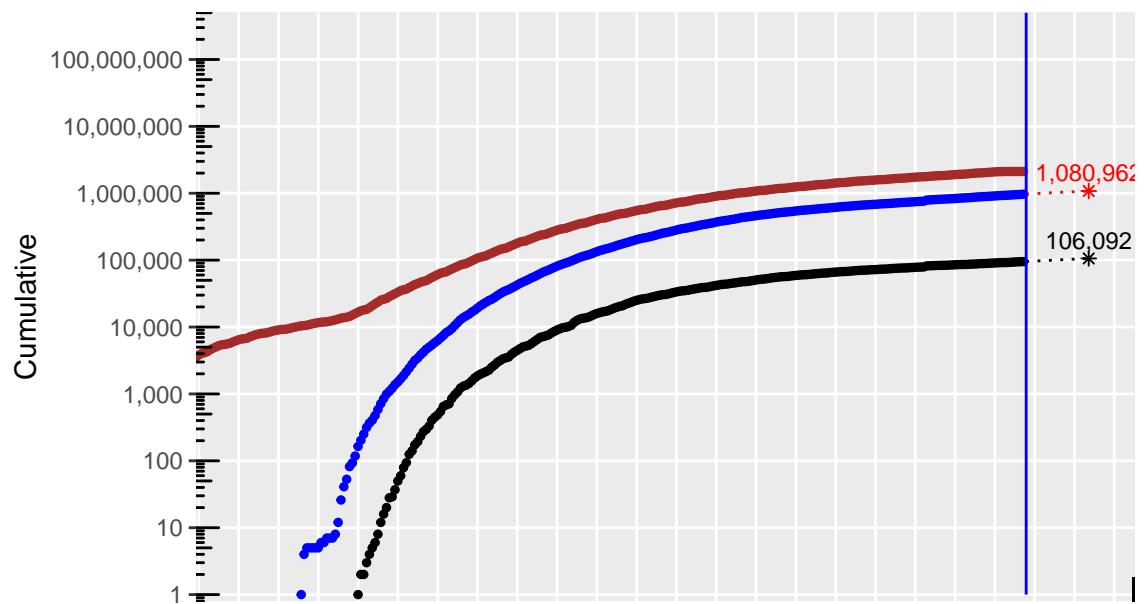
Nicaragua projection as of 2020-11-09



Panama projection as of 2020-11-09

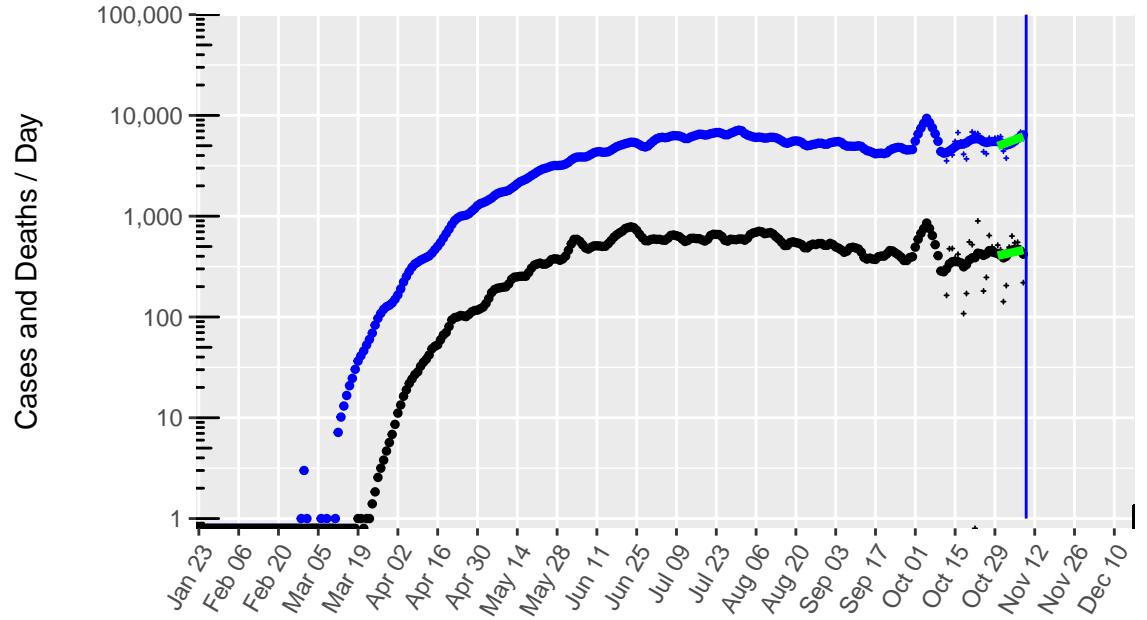


Mexico projection as of 2020-11-09



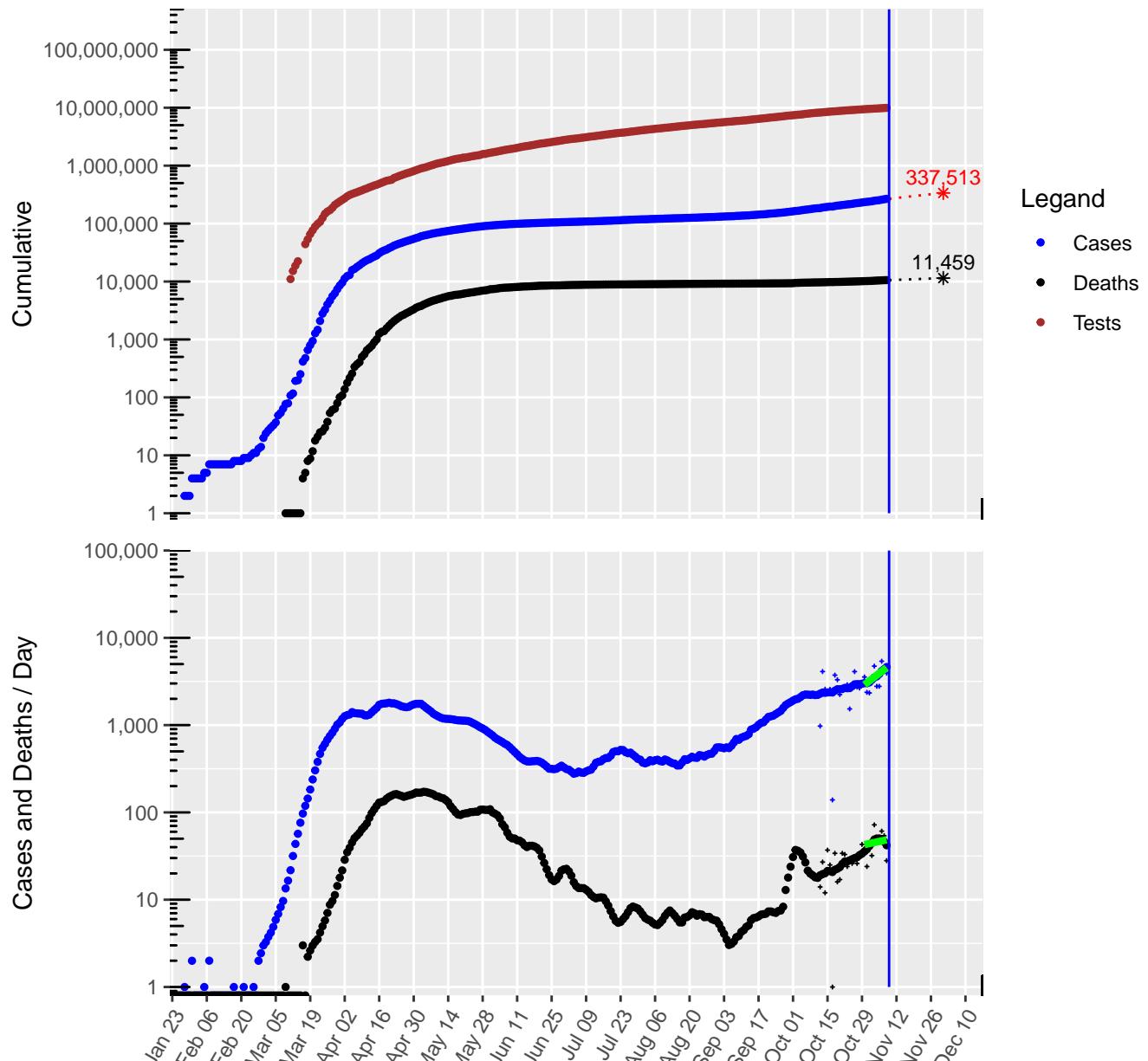
Legand

- Cases
- Deaths
- Tests



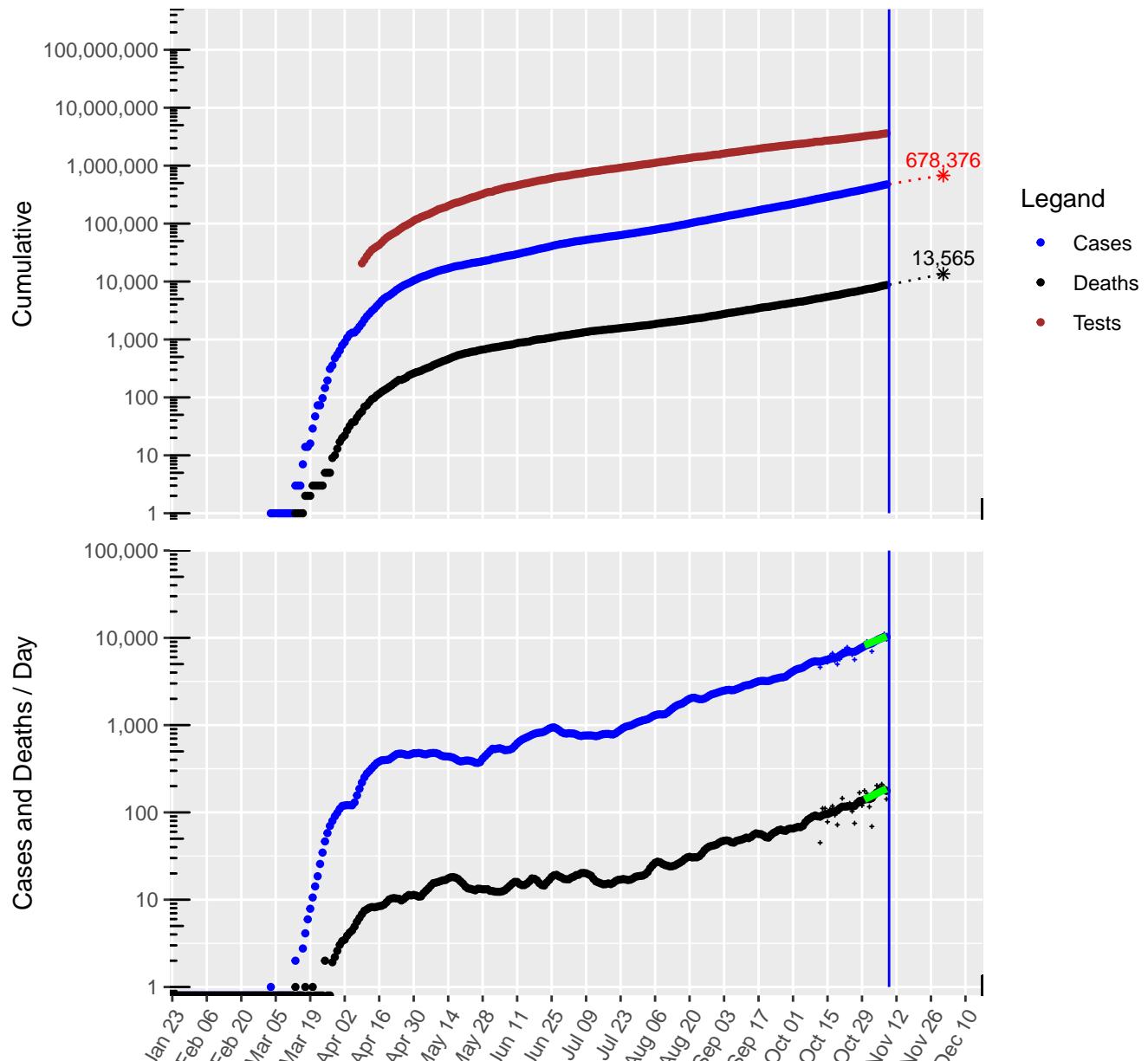
Deaths: 95,027 (219) --- Case Mortality: 9.8% --- Daily Change: +2.7% Cases, +1.6% Deaths (over 9 days)

Canada projection as of 2020-11-09



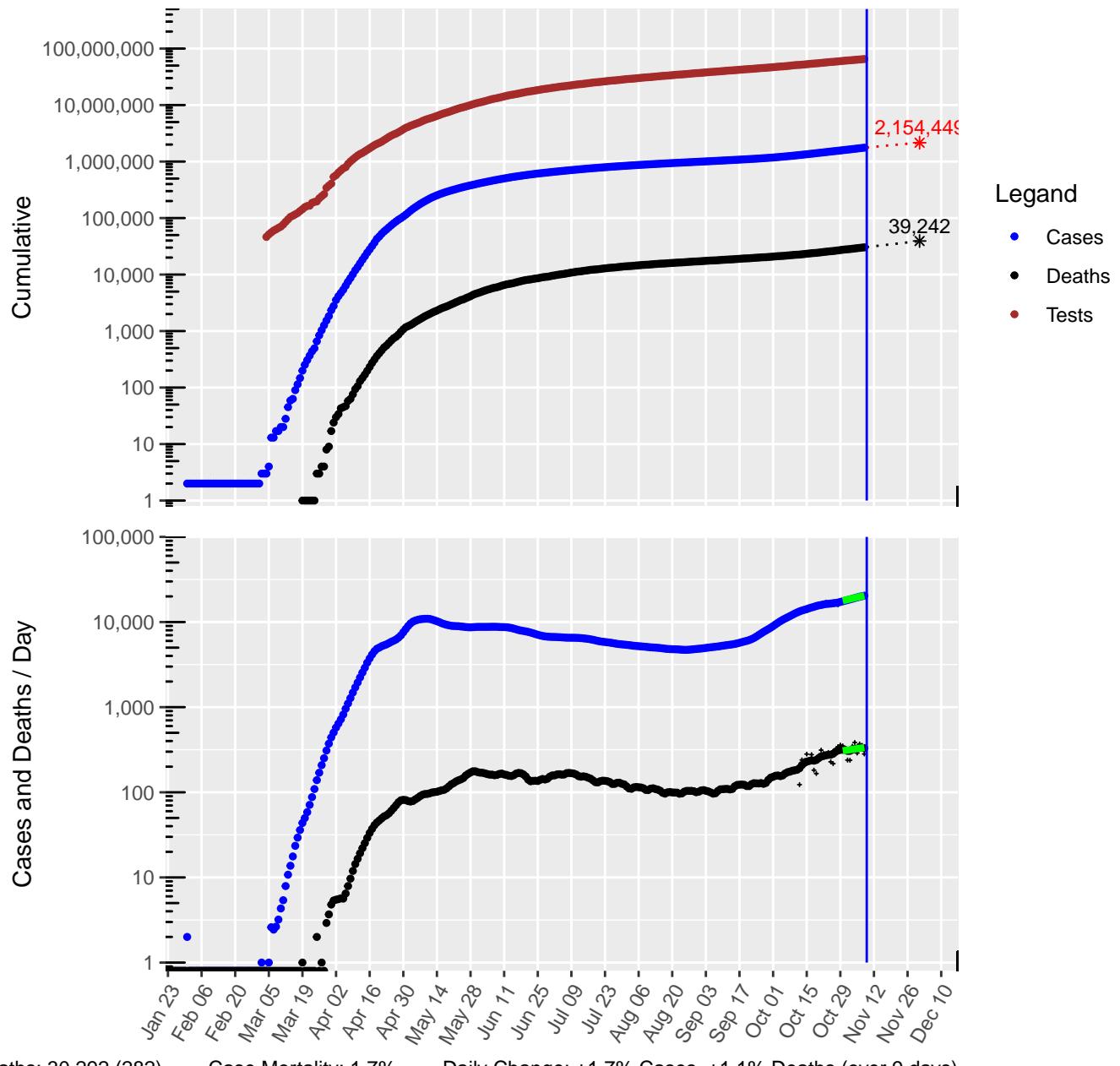
Deaths: 10,575 (28) --- Case Mortality: 4.0% --- Daily Change: +5.5% Cases, +1.6% Deaths (over 9 days)

Ukraine projection as of 2020-11-09

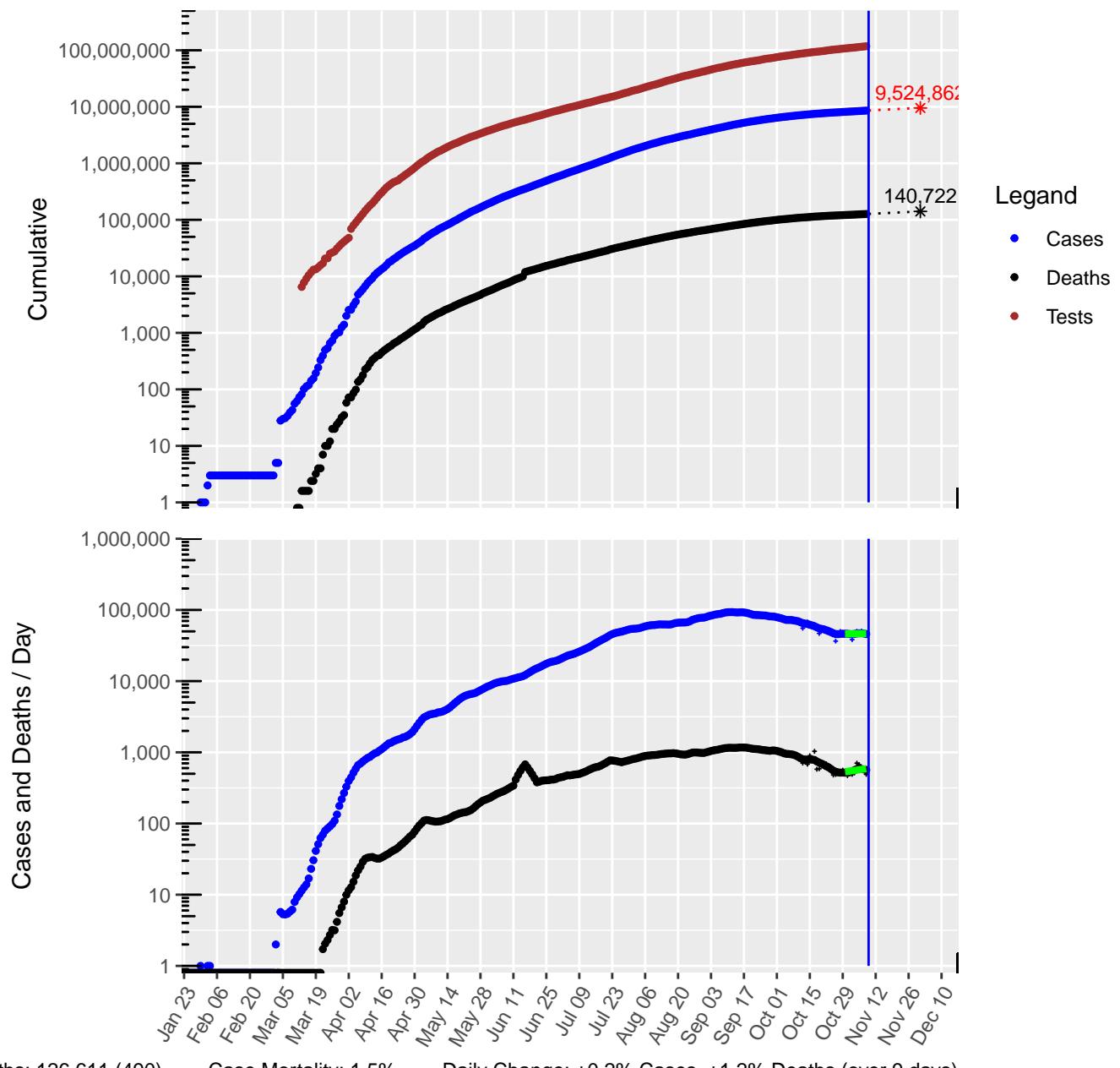


Deaths: 8,695 (142) --- Case Mortality: 1.8% --- Daily Change: +2.9% Cases, +3.5% Deaths (over 9 days)

Russia projection as of 2020-11-09



India projection as of 2020-11-09



Pakistan projection as of 2020-11-09

