

# 2009 H1N1 (swine flu pandemic) cases, deaths, and hospitalizations

Interpolated counts from counts from Oct 2009 to March 2010

The CDC provided middle, low and high, estimate counts for the categories below for each month from Oct 2009 to March 2010.

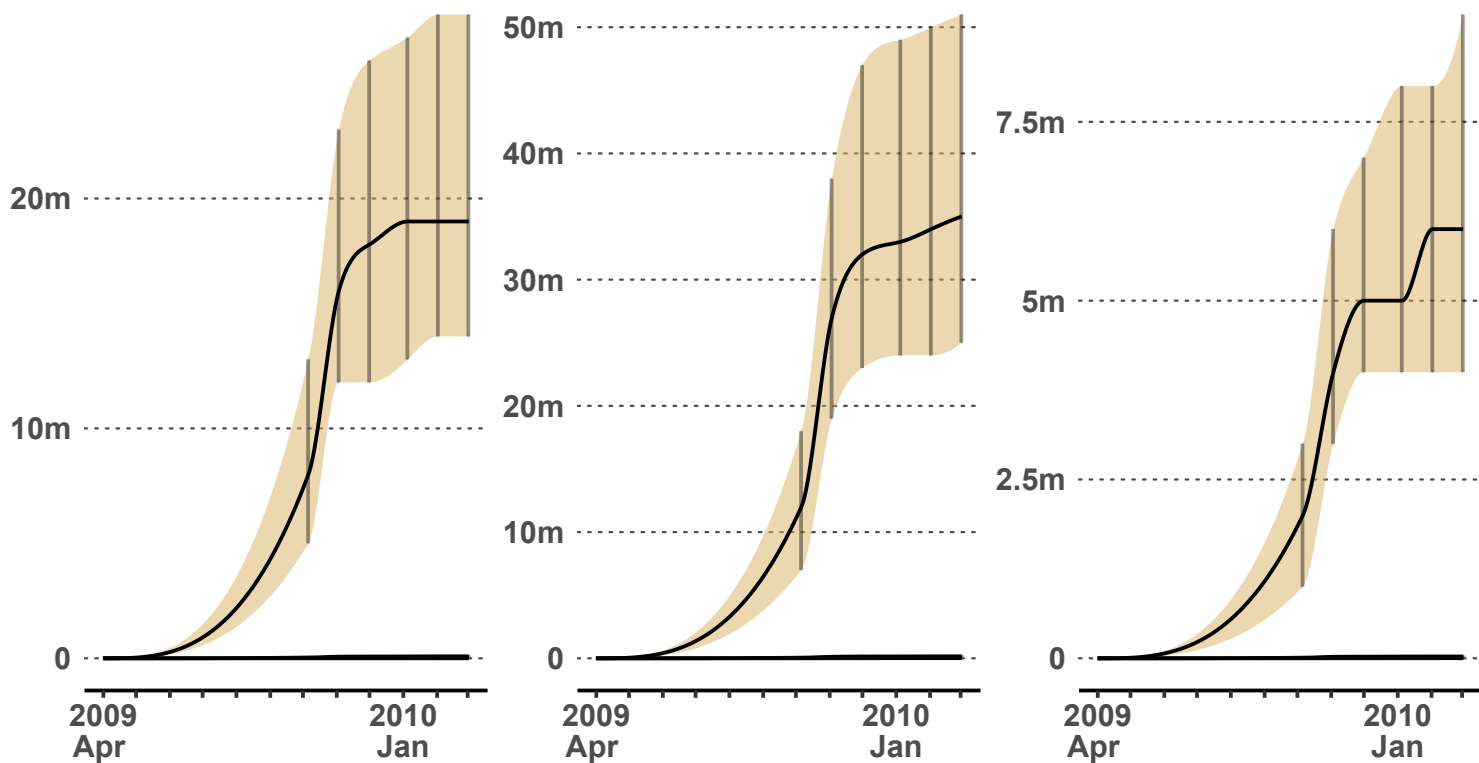
Estimates starting from April 2009 (the beginning of the H1N1 pandemic) are not given, these were interpolated using spline estimation.

Type Cases Deaths Hospitalizations

0-17 years

18-64 years

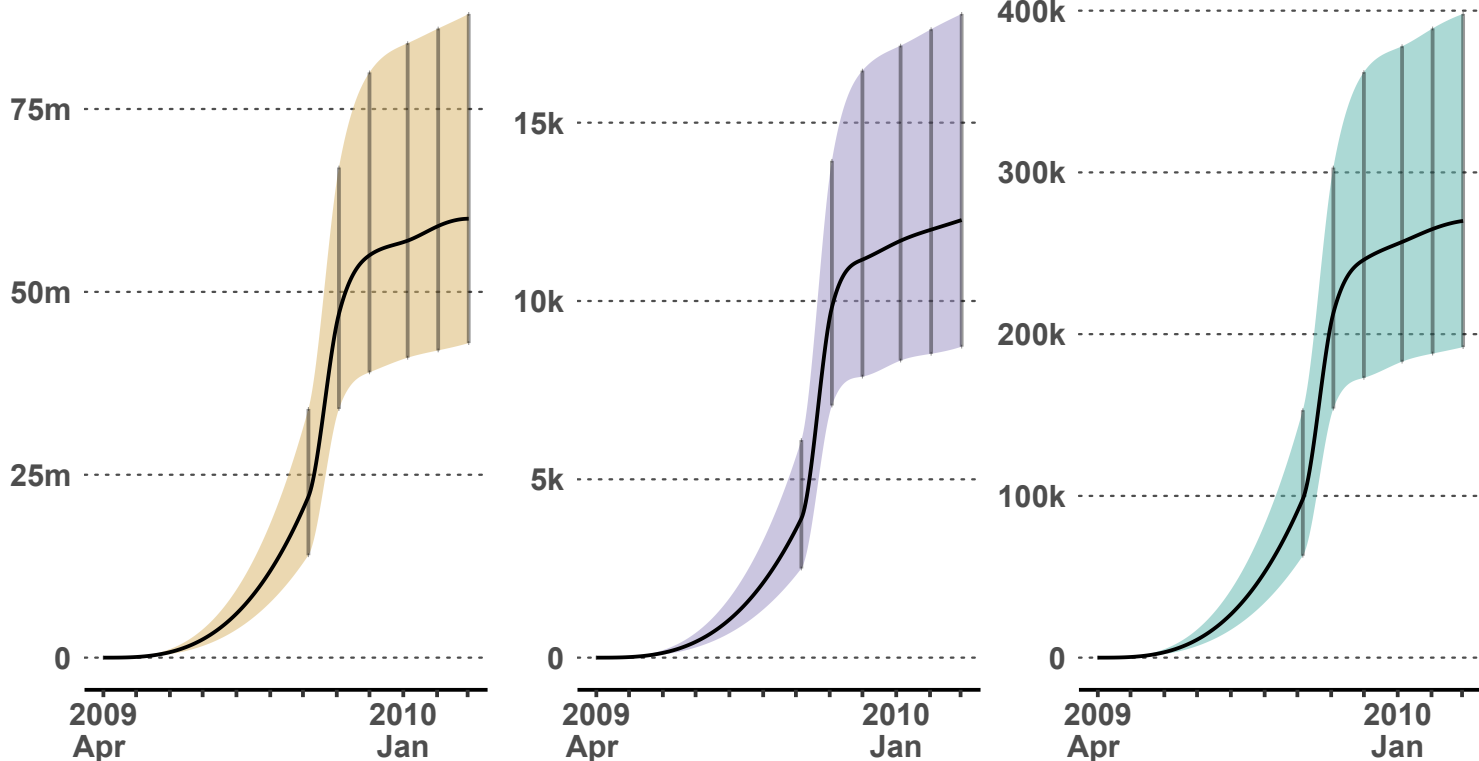
65 years and older



Cases Total

Deaths Total

Hospitalizations Total



Source: [https://www.cdc.gov/h1n1flu/estimates\\_2009\\_h1n1.htm](https://www.cdc.gov/h1n1flu/estimates_2009_h1n1.htm) (H1N1)

First case was reported on April 13, 2009 <https://www.cdc.gov/mmwr/preview/mmwrhtml/mm5815a5.htm>

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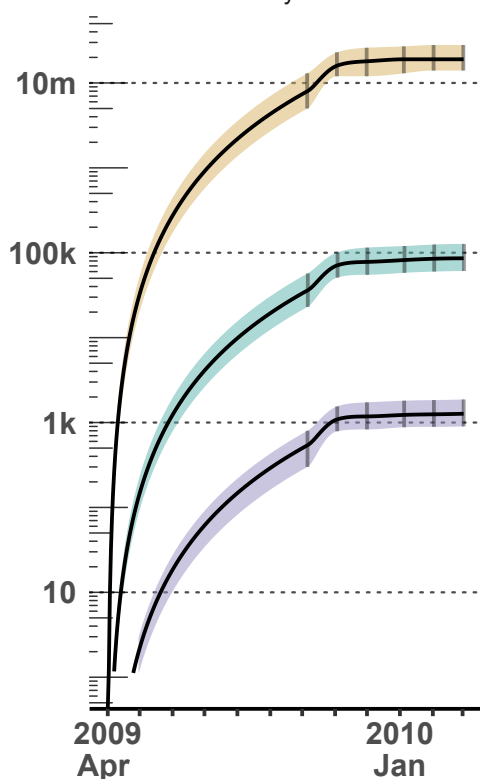
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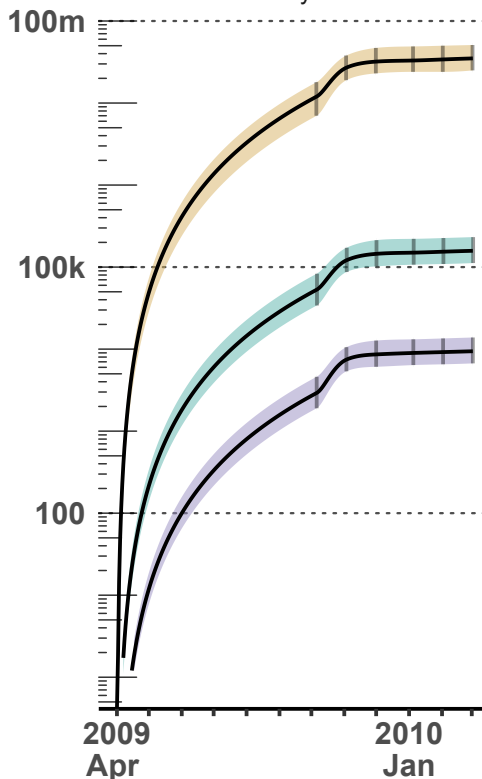
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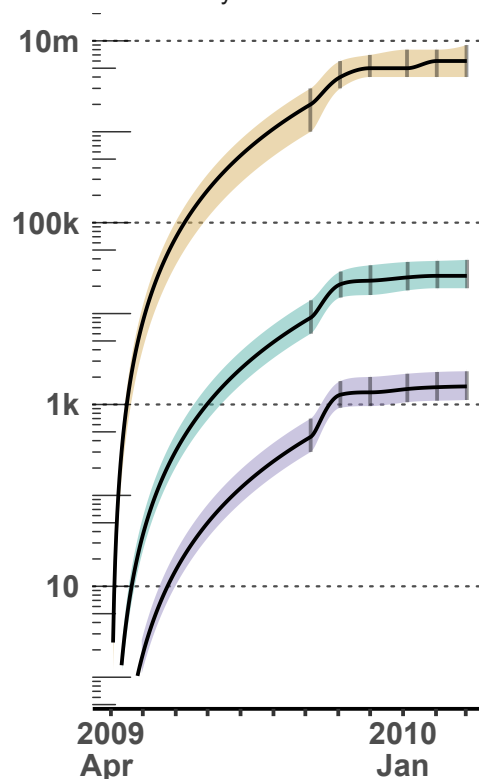
0-17 years



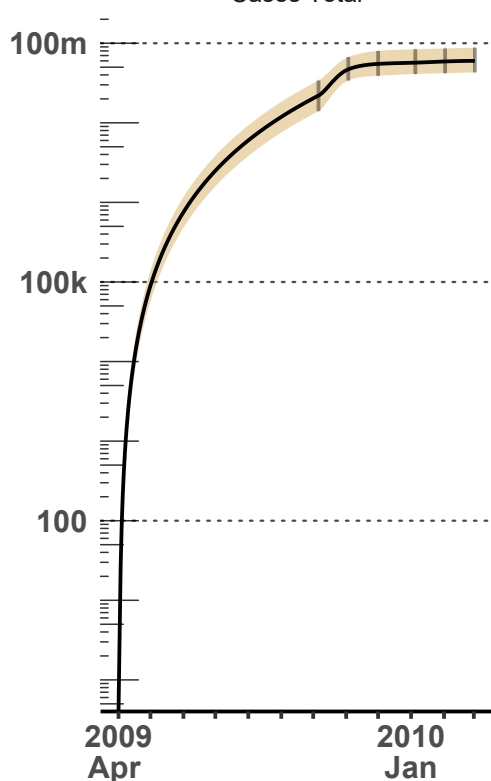
18-64 years



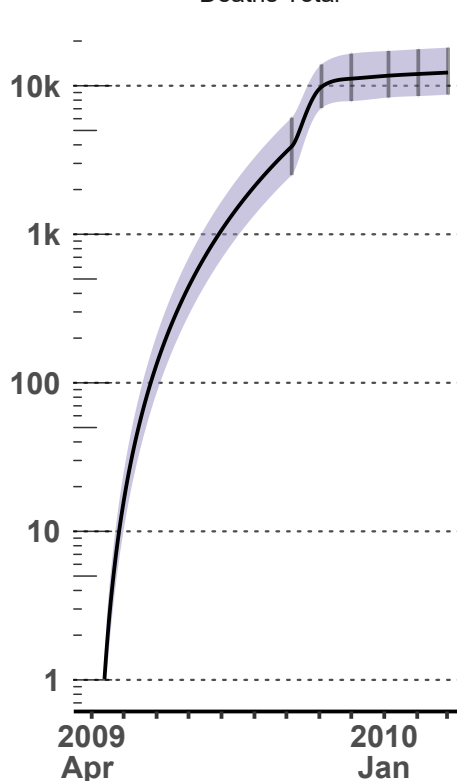
65 years and older



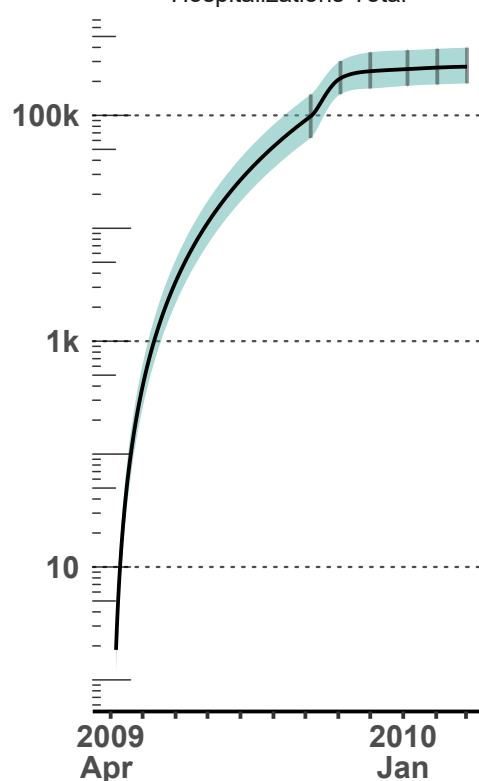
Cases Total



Deaths Total



Hospitalizations Total



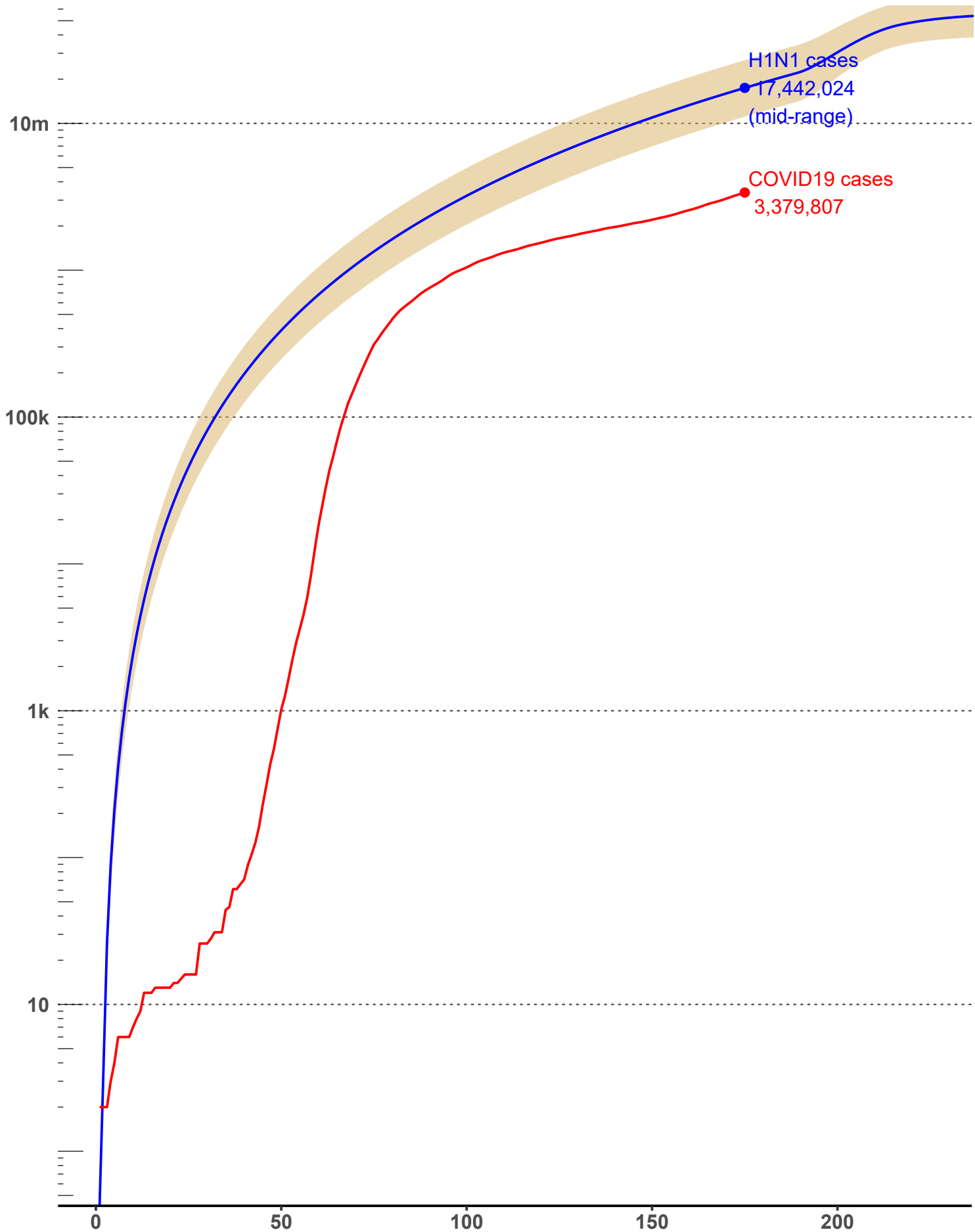
Note: y-axis is in log scale

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# 2009 H1N1 cumulative cases by day vs Covid-19

175 days after the first case

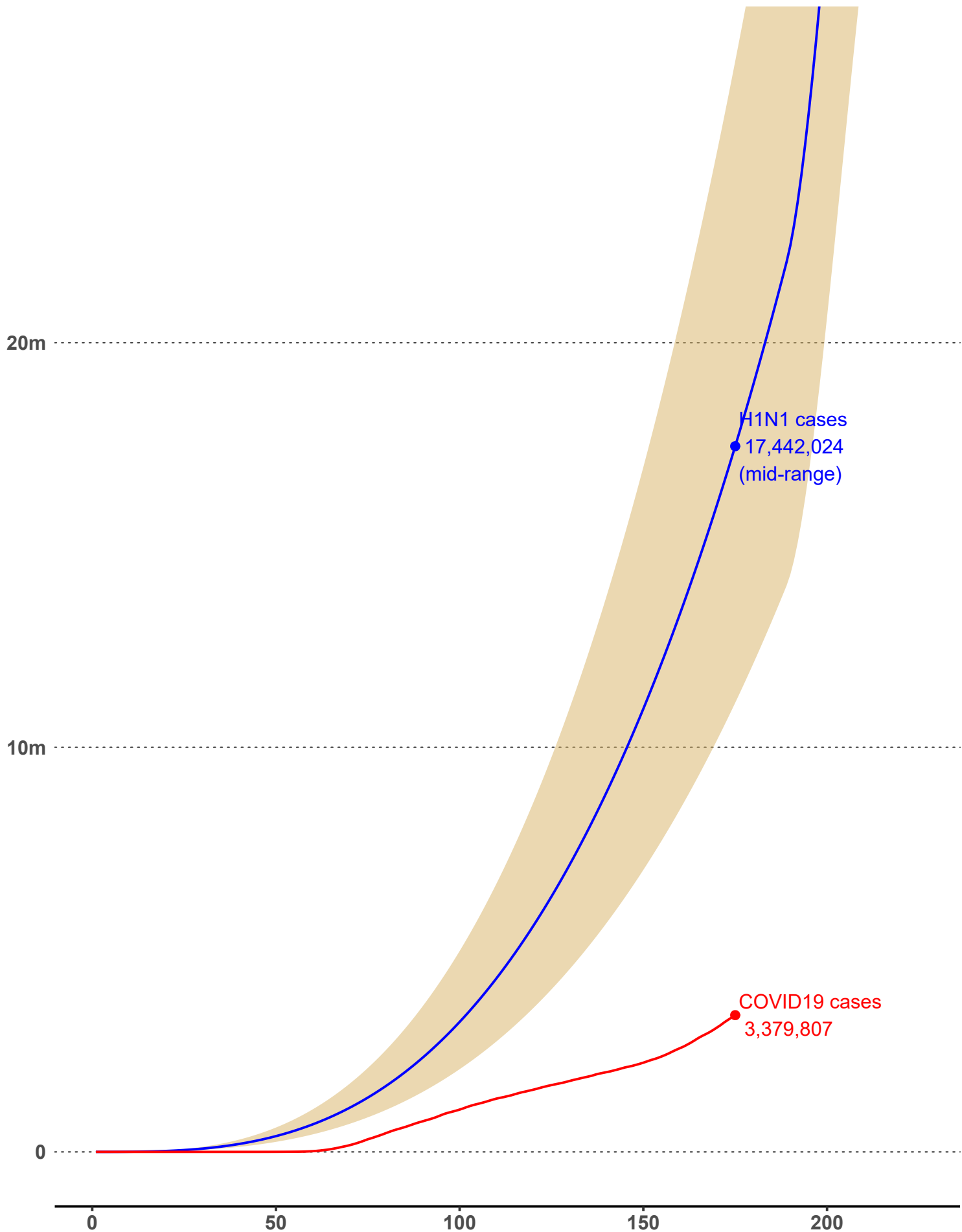


Note: y-axis is in log scale

Sources: The New York Times, <https://github.com/nytimes/covid-19-data> accessed 2020-07-14 (Covid19); [https://www.cdc.gov/h1n1flu/estimates\\_2009\\_h1n1.htm](https://www.cdc.gov/h1n1flu/estimates_2009_h1n1.htm) (H1N1)

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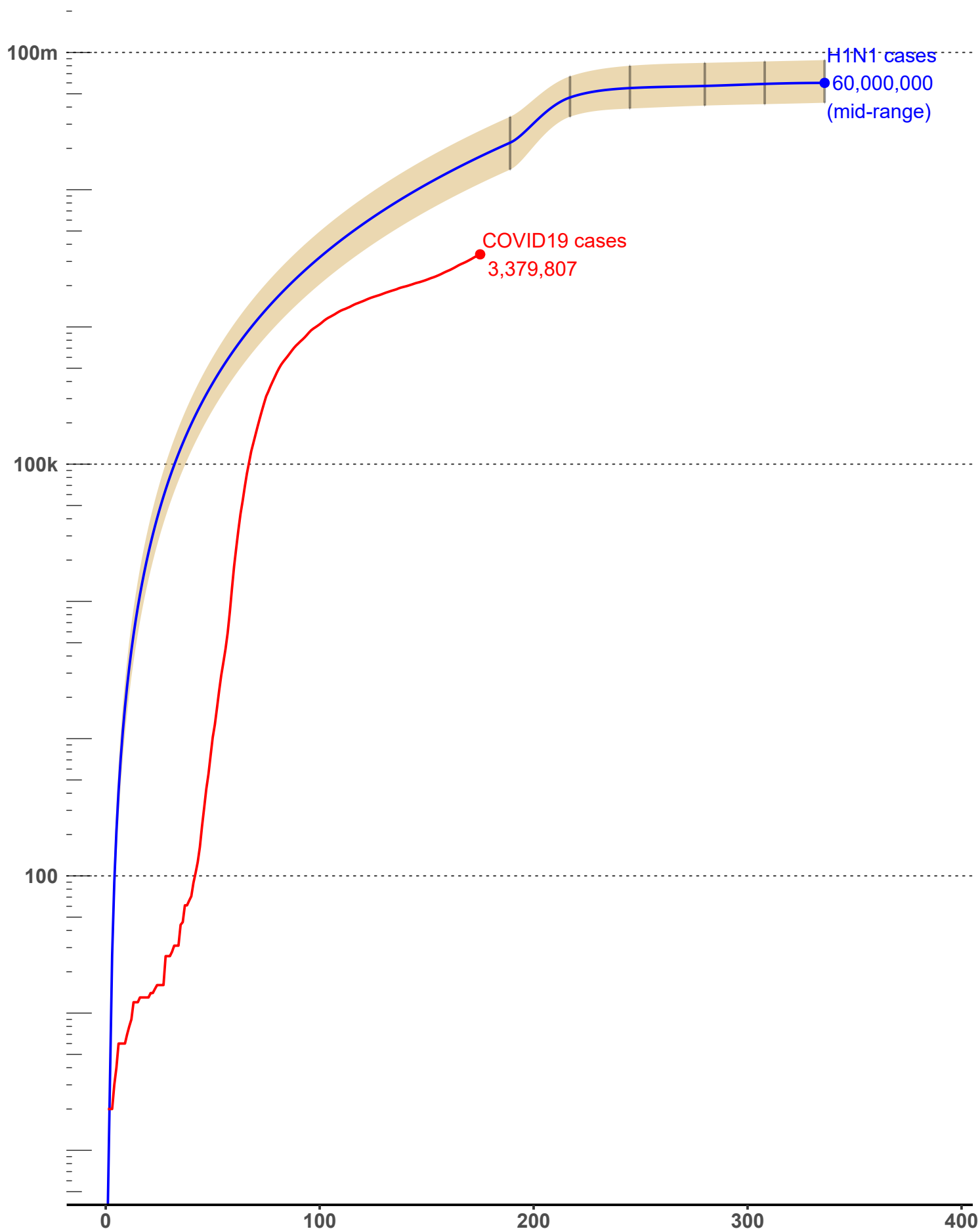
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Sources: The New York Times, <https://github.com/nytimes/covid-19-data> accessed 2020-07-14 (Covid19); [https://www.cdc.gov/h1n1flu/estimates\\_2009\\_h1n1.htm](https://www.cdc.gov/h1n1flu/estimates_2009_h1n1.htm) (H1N1)

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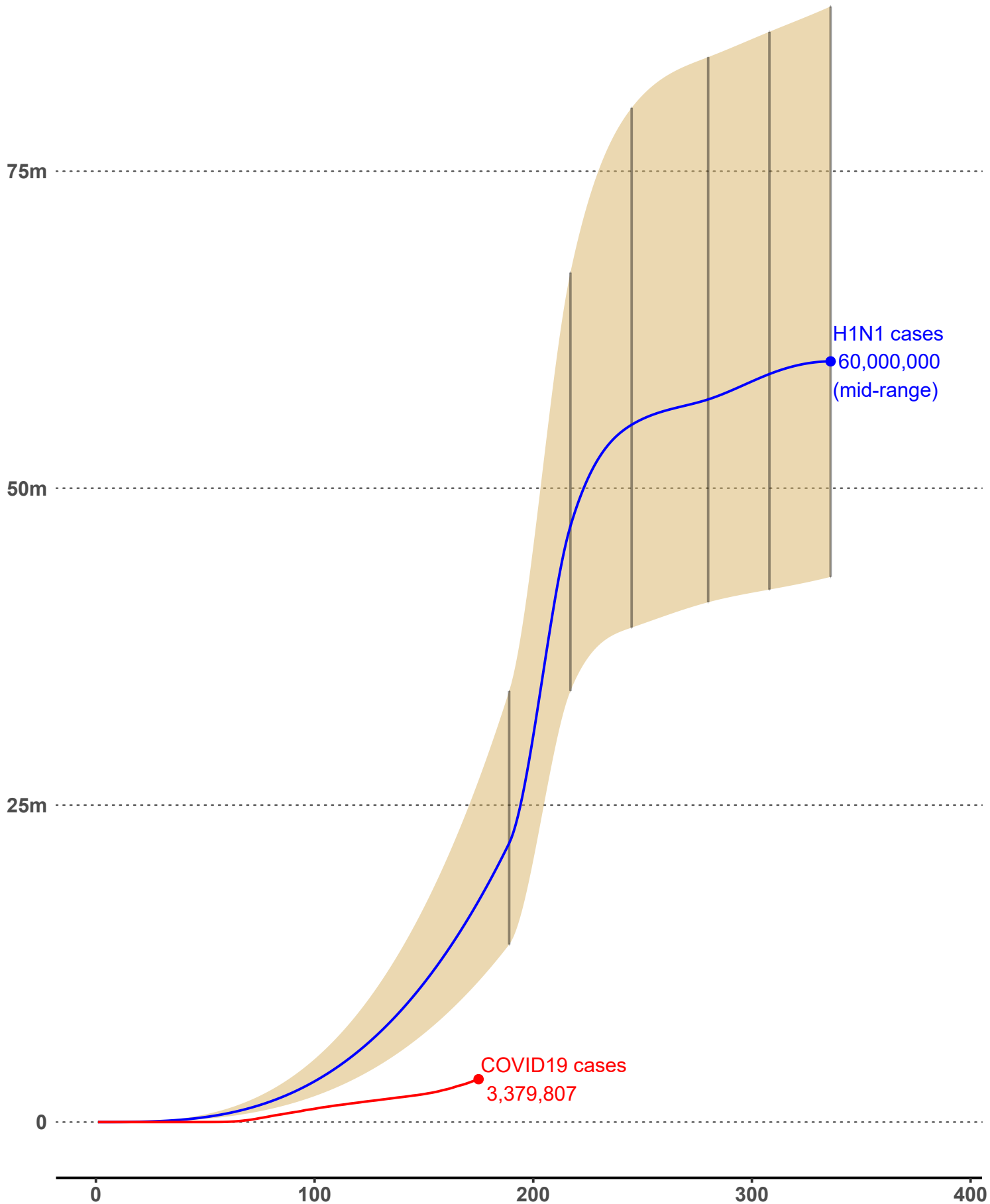
336 days after the first case



Note: y-axis is in log scale  
Sources: The New York Times, <https://github.com/nytimes/covid-19-data> accessed 2020-07-14 (Covid19);  
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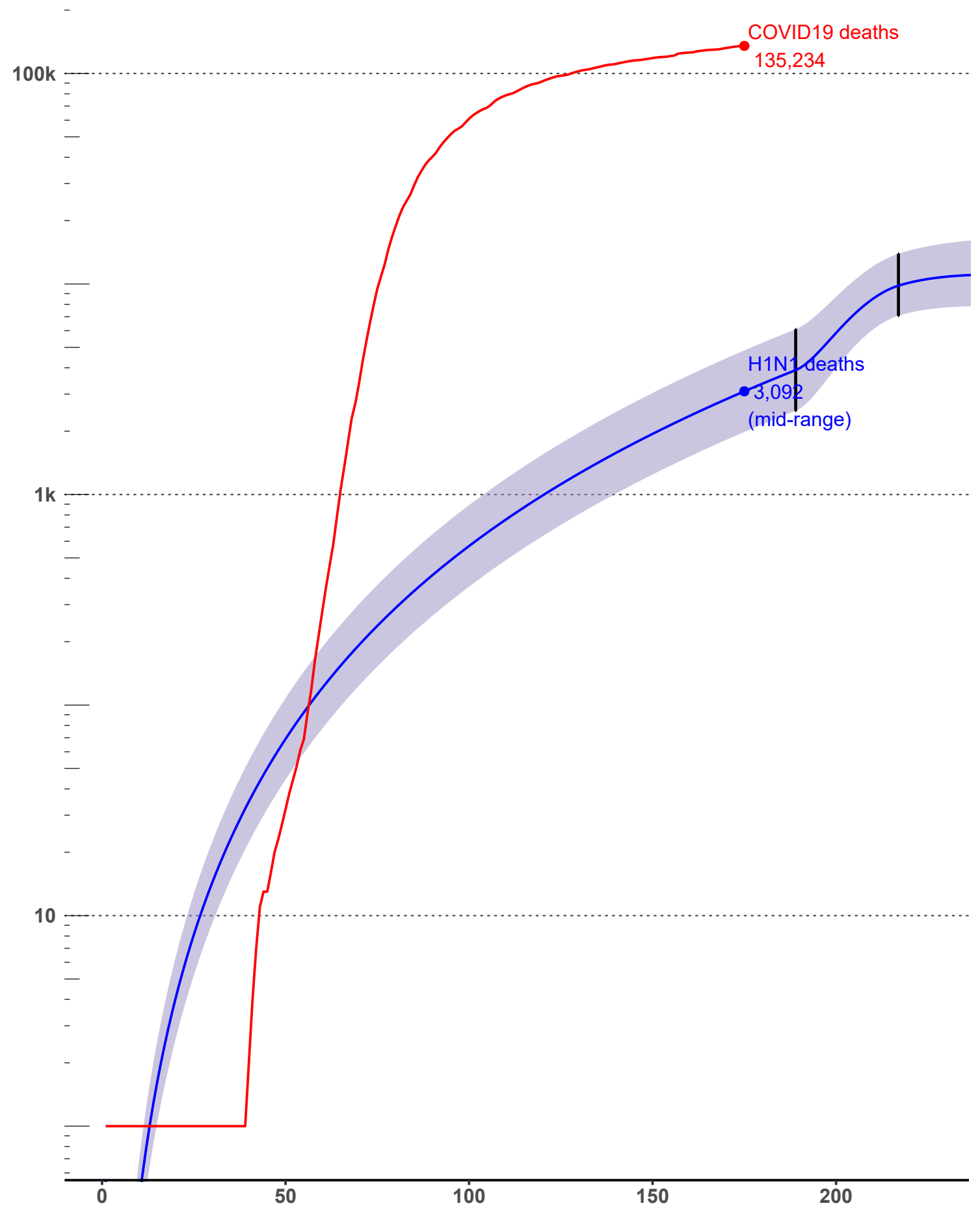
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2009 H1N1 estimated deaths by day vs Covid-19 deaths

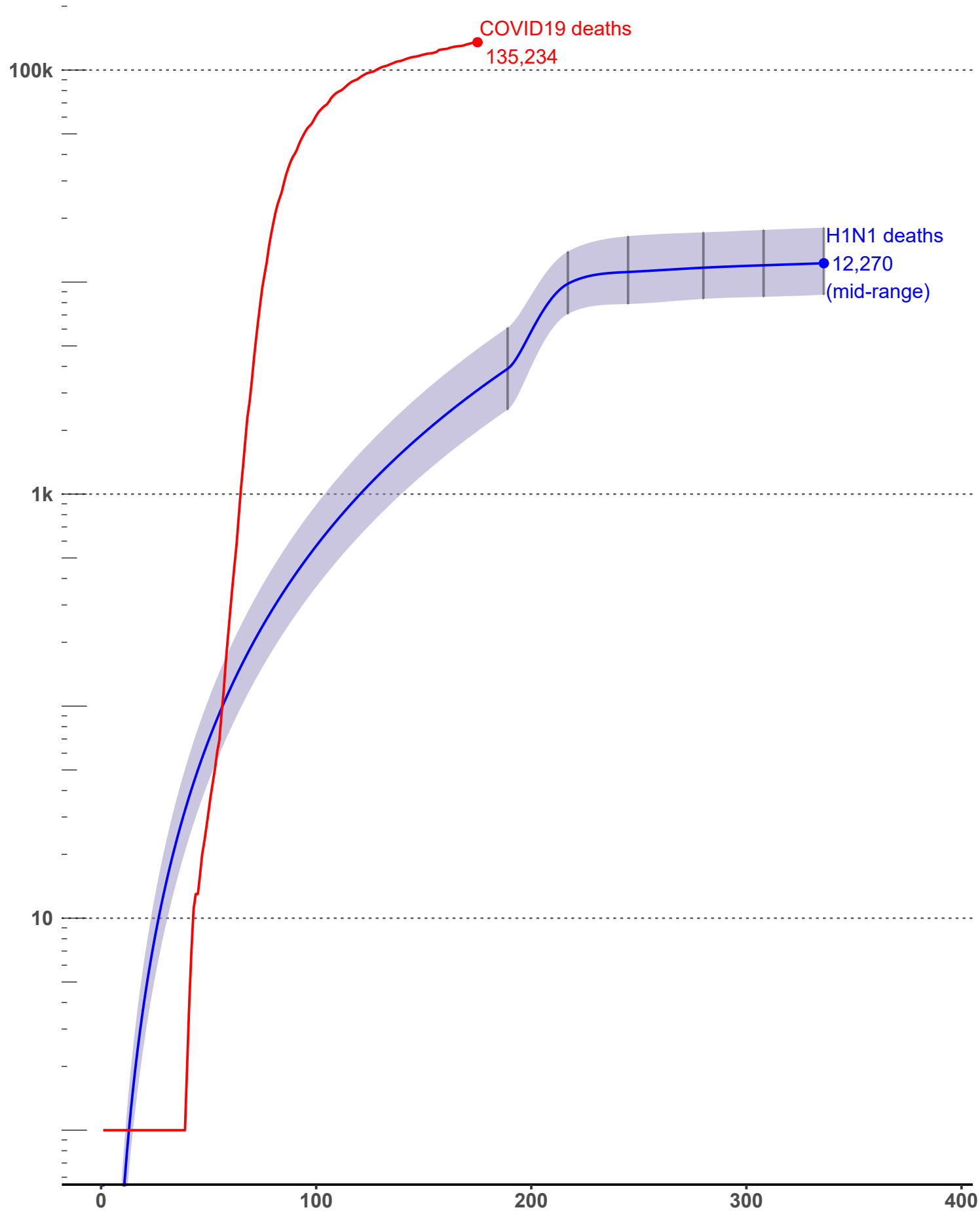
175 days after the first case



Note: y-axis is in log scale  
Sources: The New York Times, <https://github.com/nytimes/covid-19-data> accessed 2020-07-14 (Covid19);  
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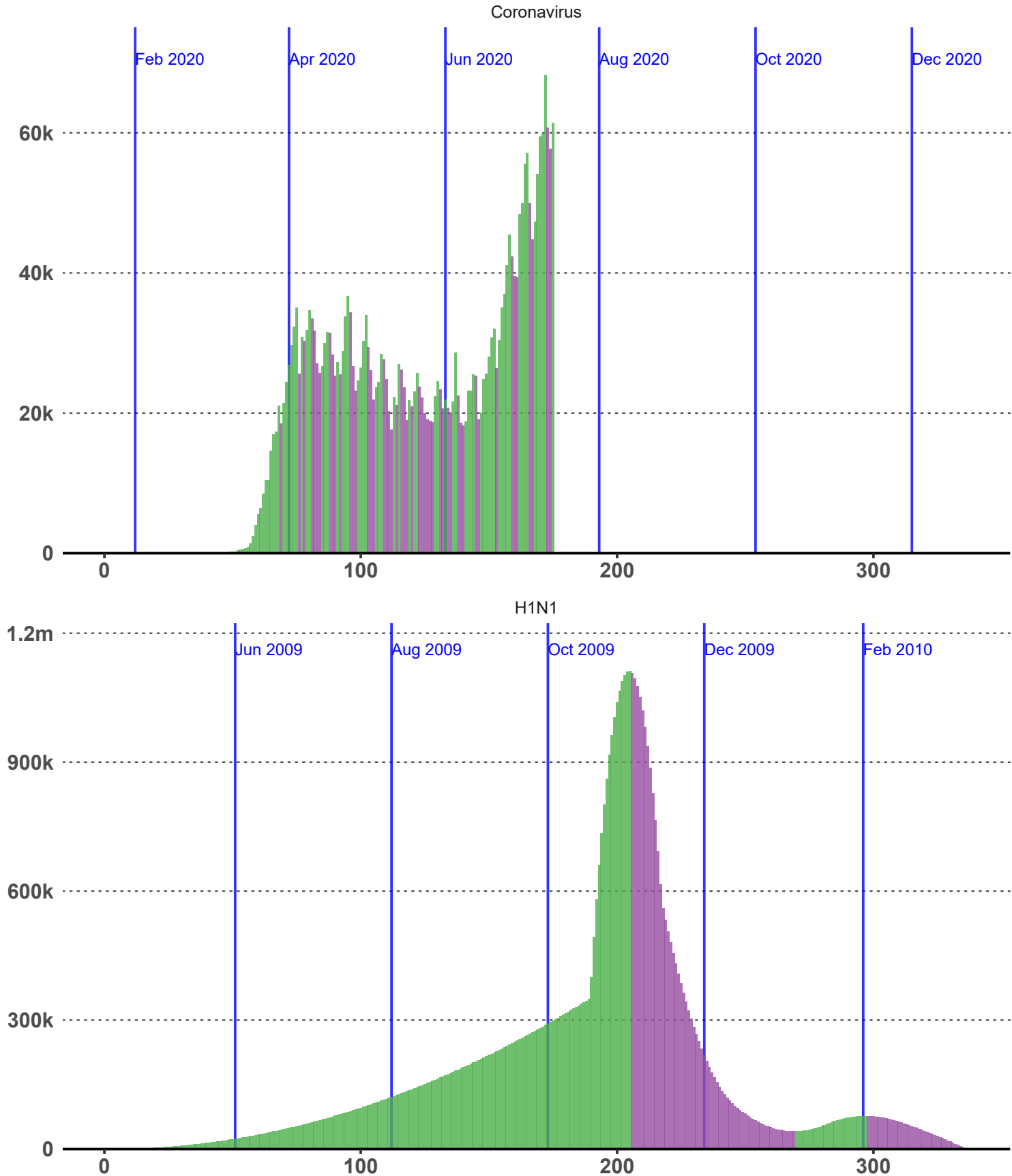


# 2009 H1N1 new cases by day vs Covid-19 deaths

336 days after the first case

Vertical blue lines are for reference and placed every two months after the first case for each pandemic

Change Type   ■ Decreased   ■ Increased   ■ Unchanged   ■ Other



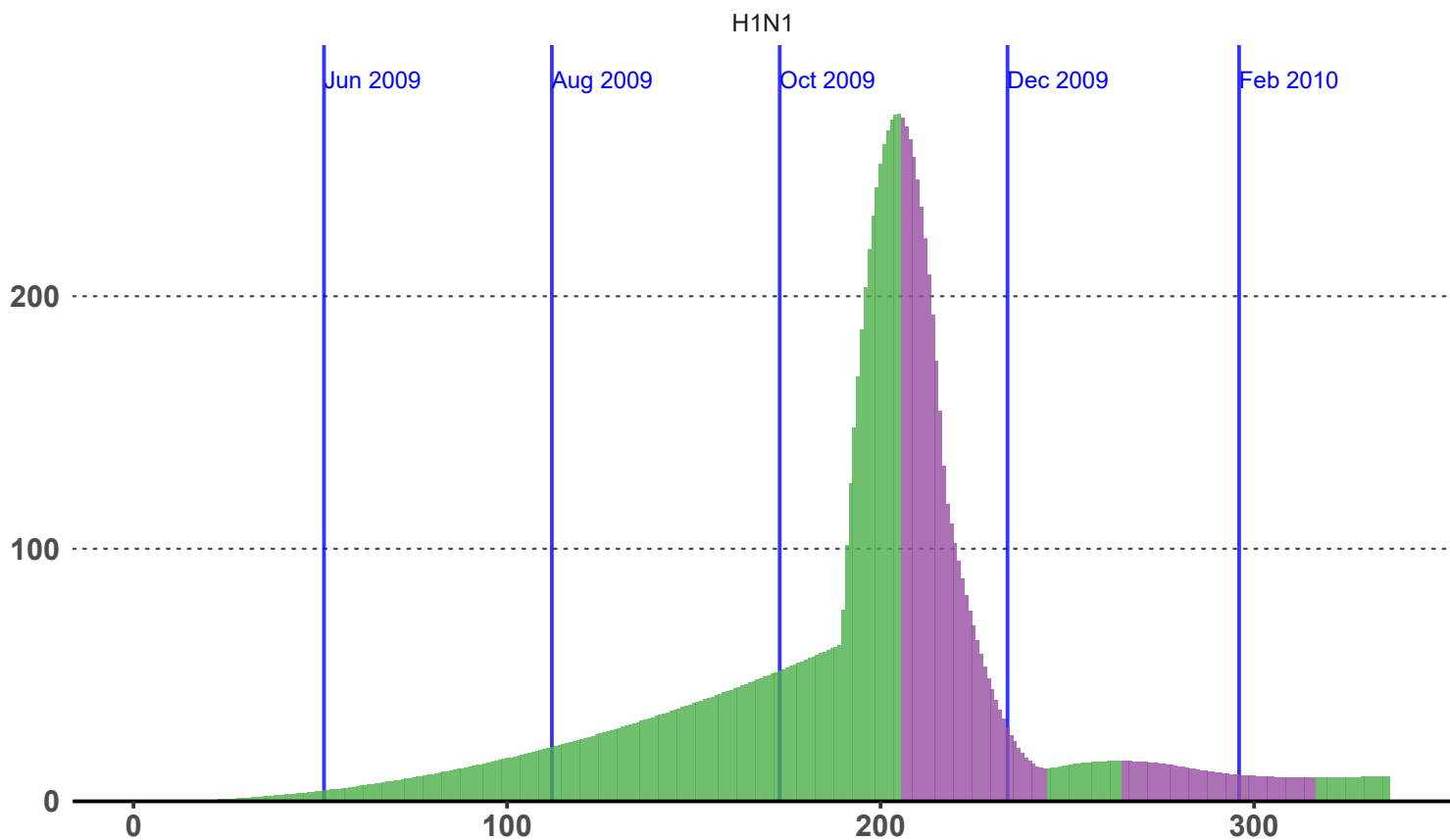
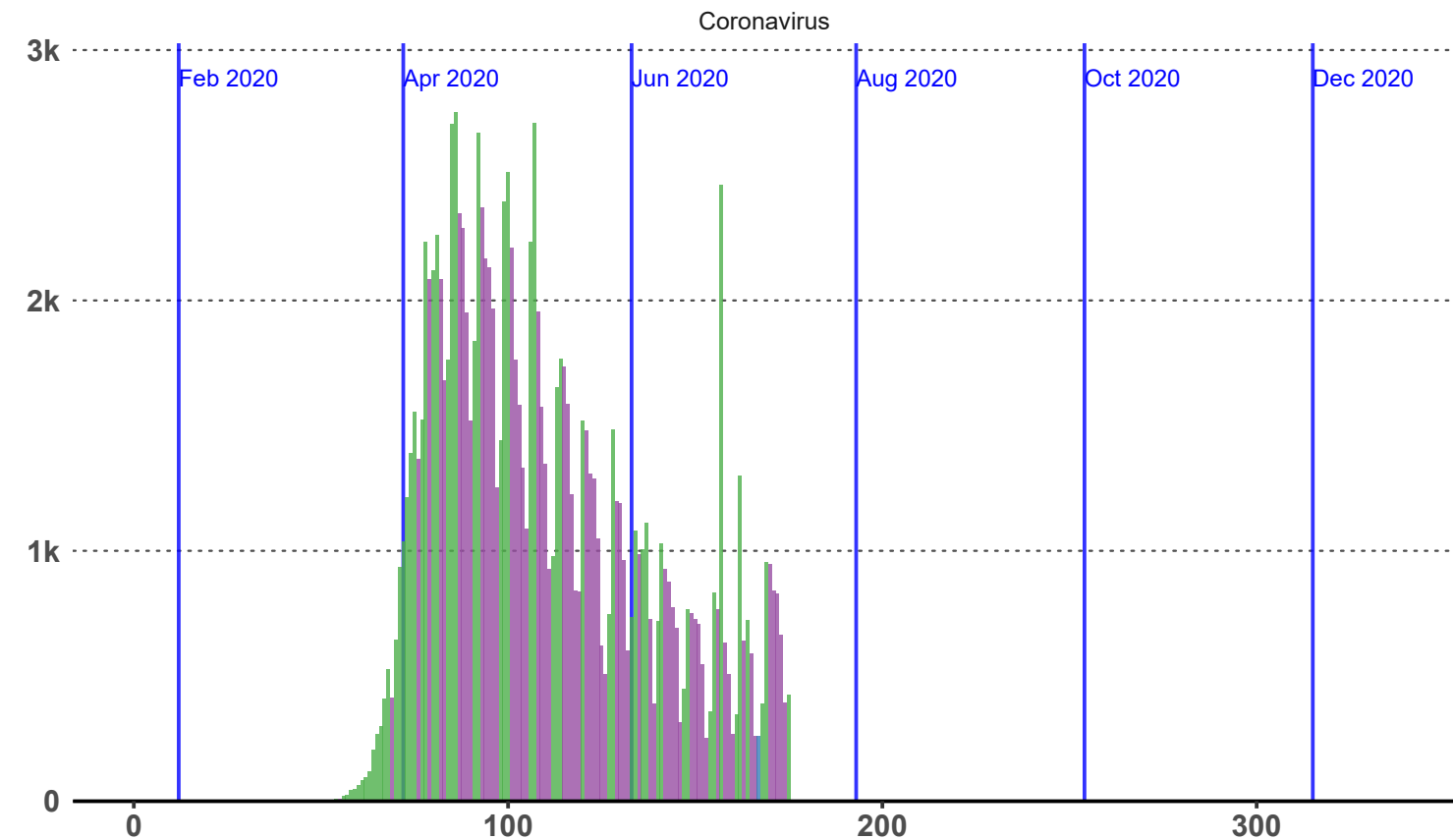
Sources: The New York Times, <https://github.com/nytimes/covid-19-data> accessed 2020-07-14 (Covid19); [https://www.cdc.gov/h1n1flu/estimates\\_2009\\_h1n1.htm](https://www.cdc.gov/h1n1flu/estimates_2009_h1n1.htm) (H1N1)

# 2009 H1N1 new deaths by day vs Covid-19 deaths

336 days after the first case

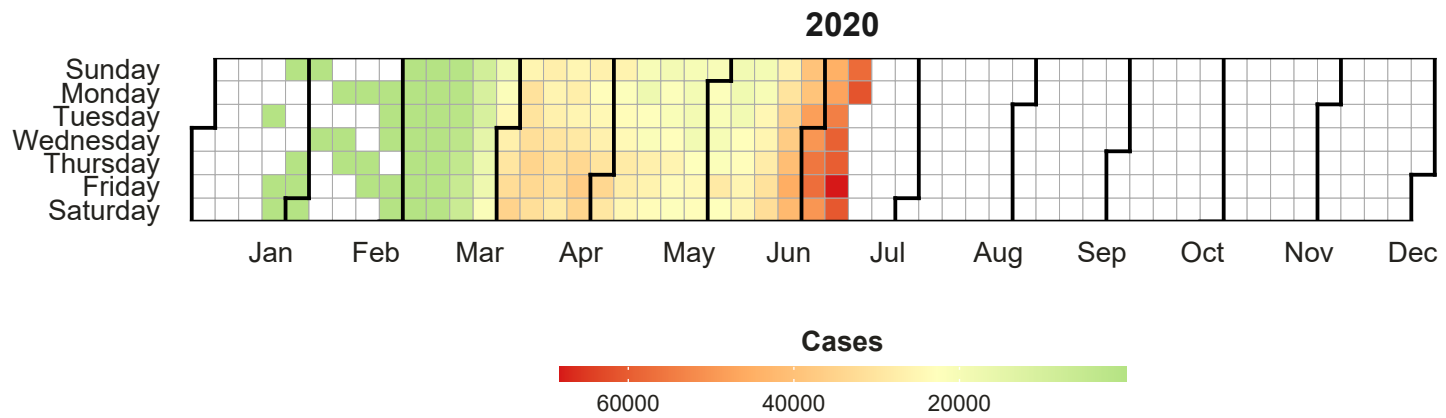
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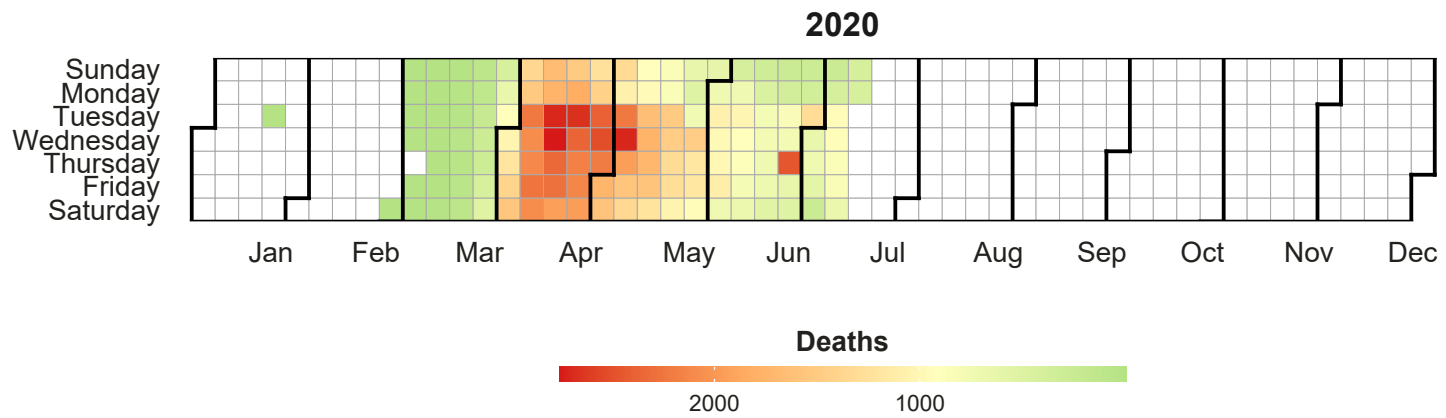


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# COVID 19 Cases in the US

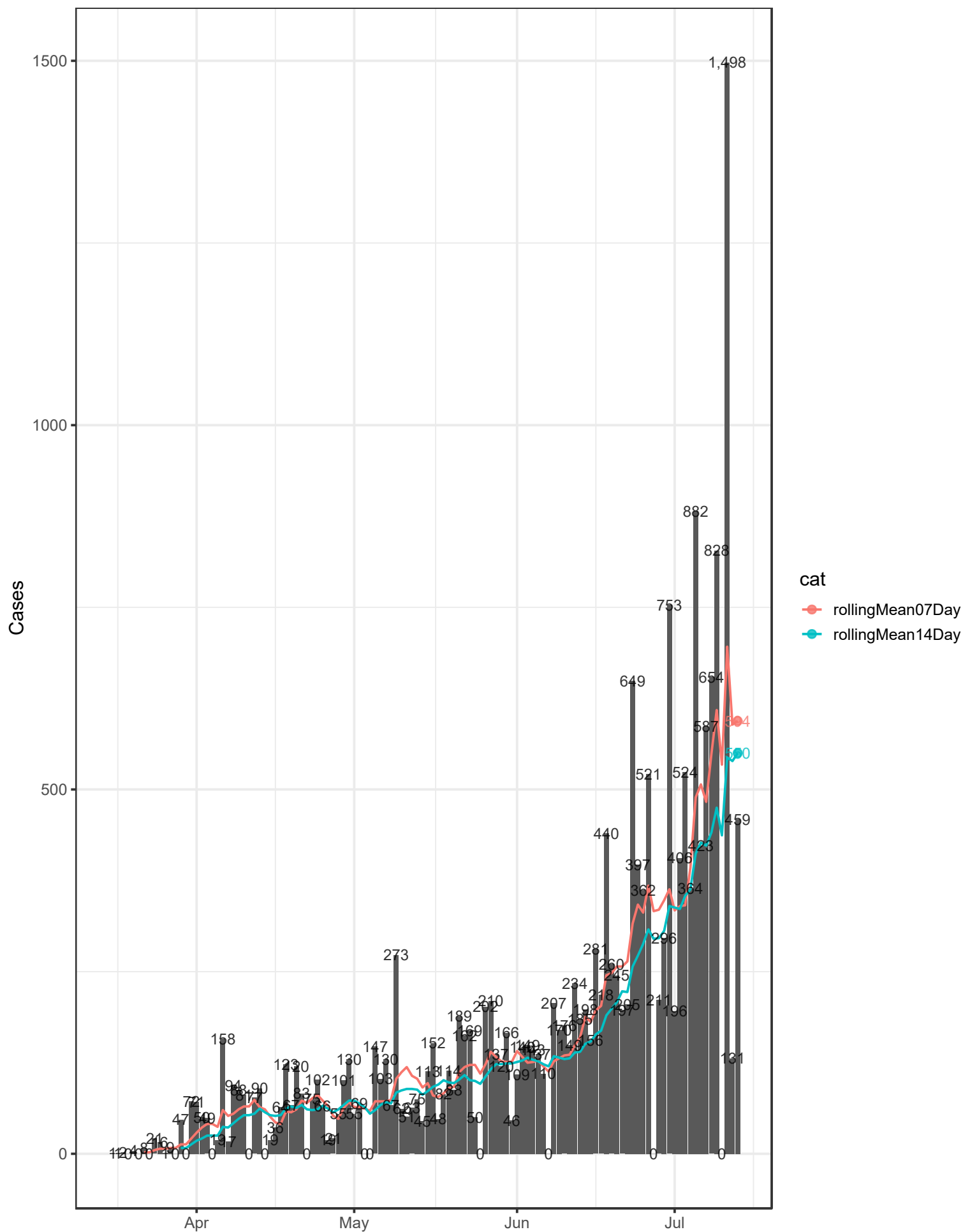


# COVID 19 Deaths in the US



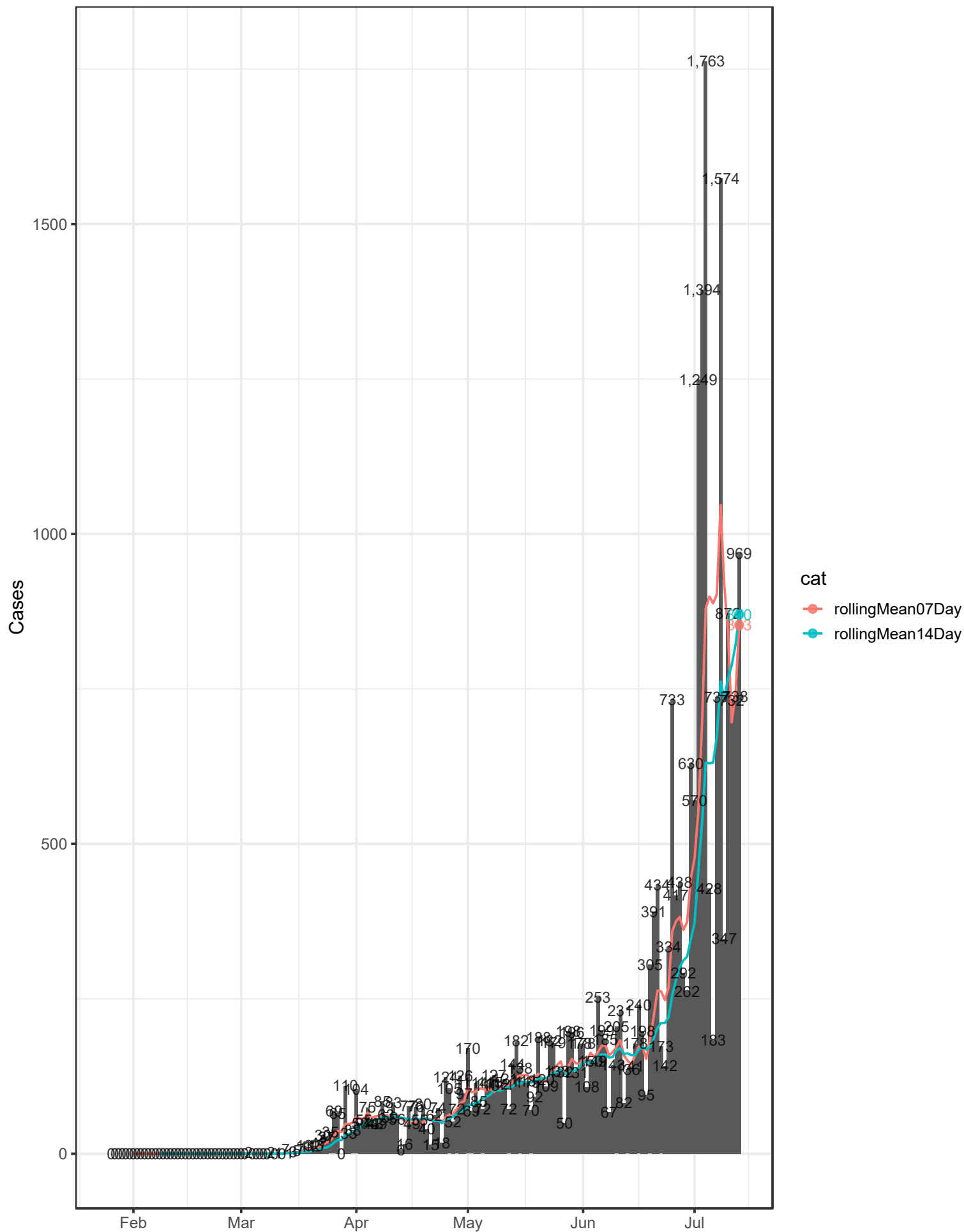
# San Bernardino

New cases, rolling average 7 and 14 days



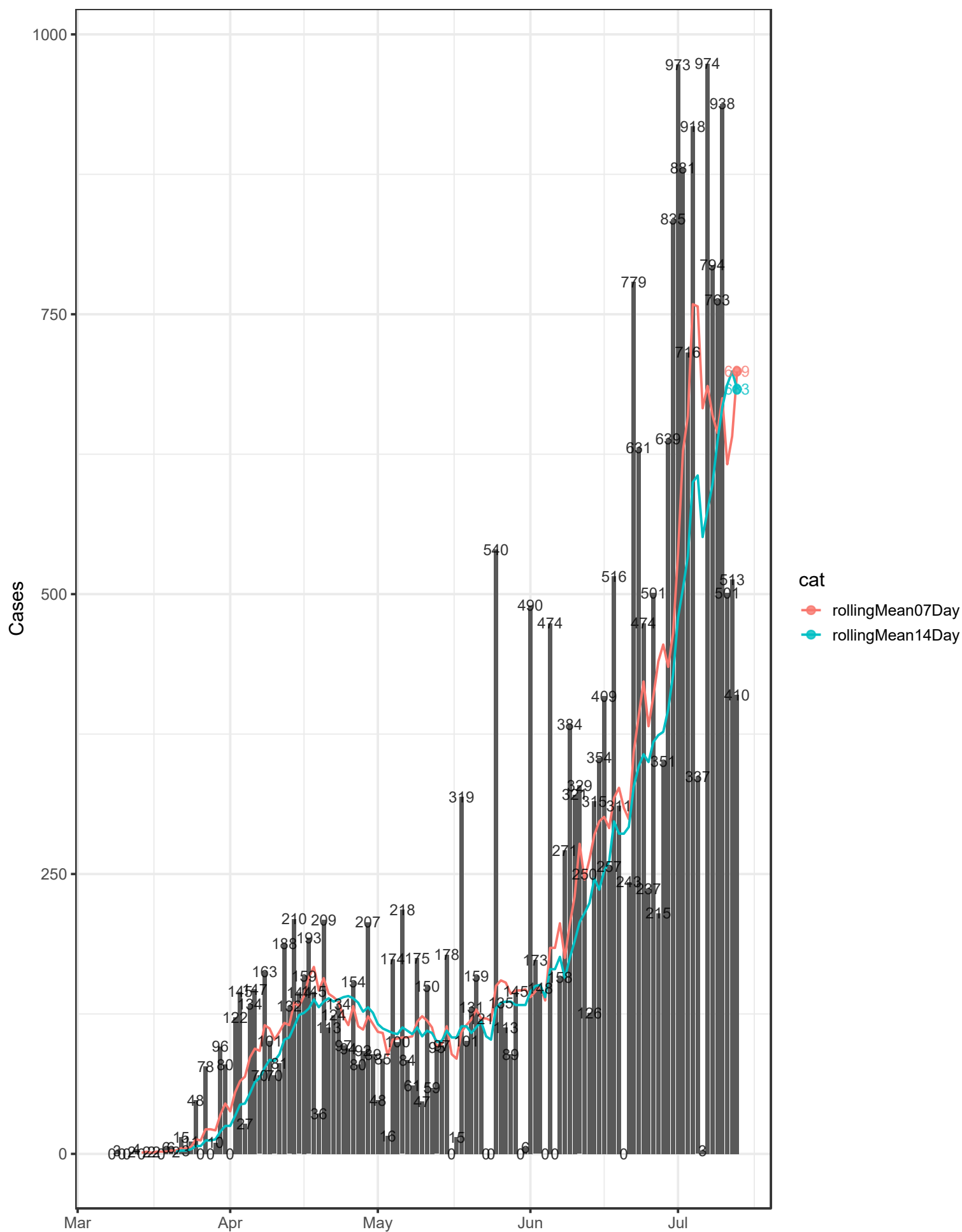
# Orange

New cases, rolling average 7 and 14 days



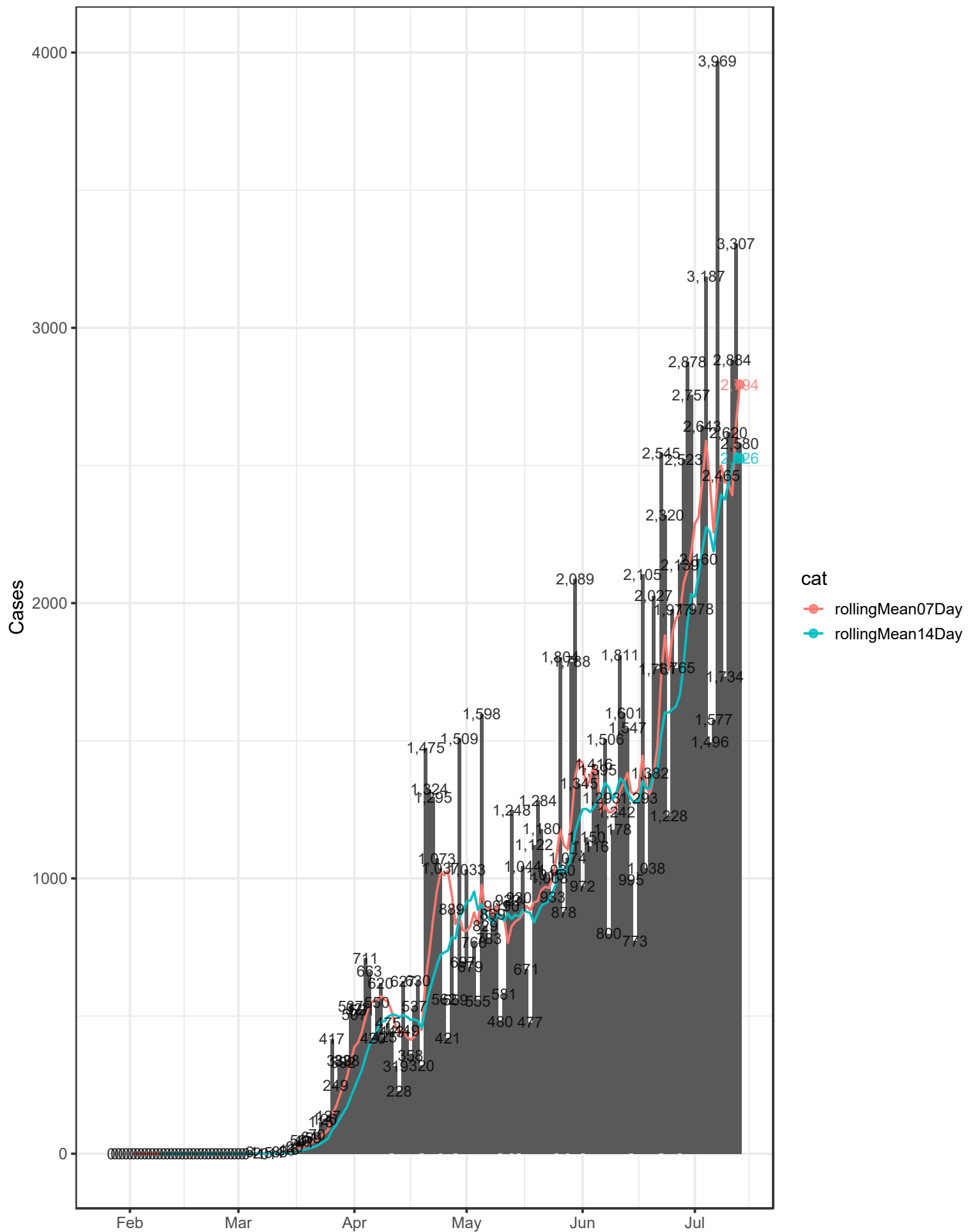
# Riverside

New cases, rolling average 7 and 14 days



# Los Angeles

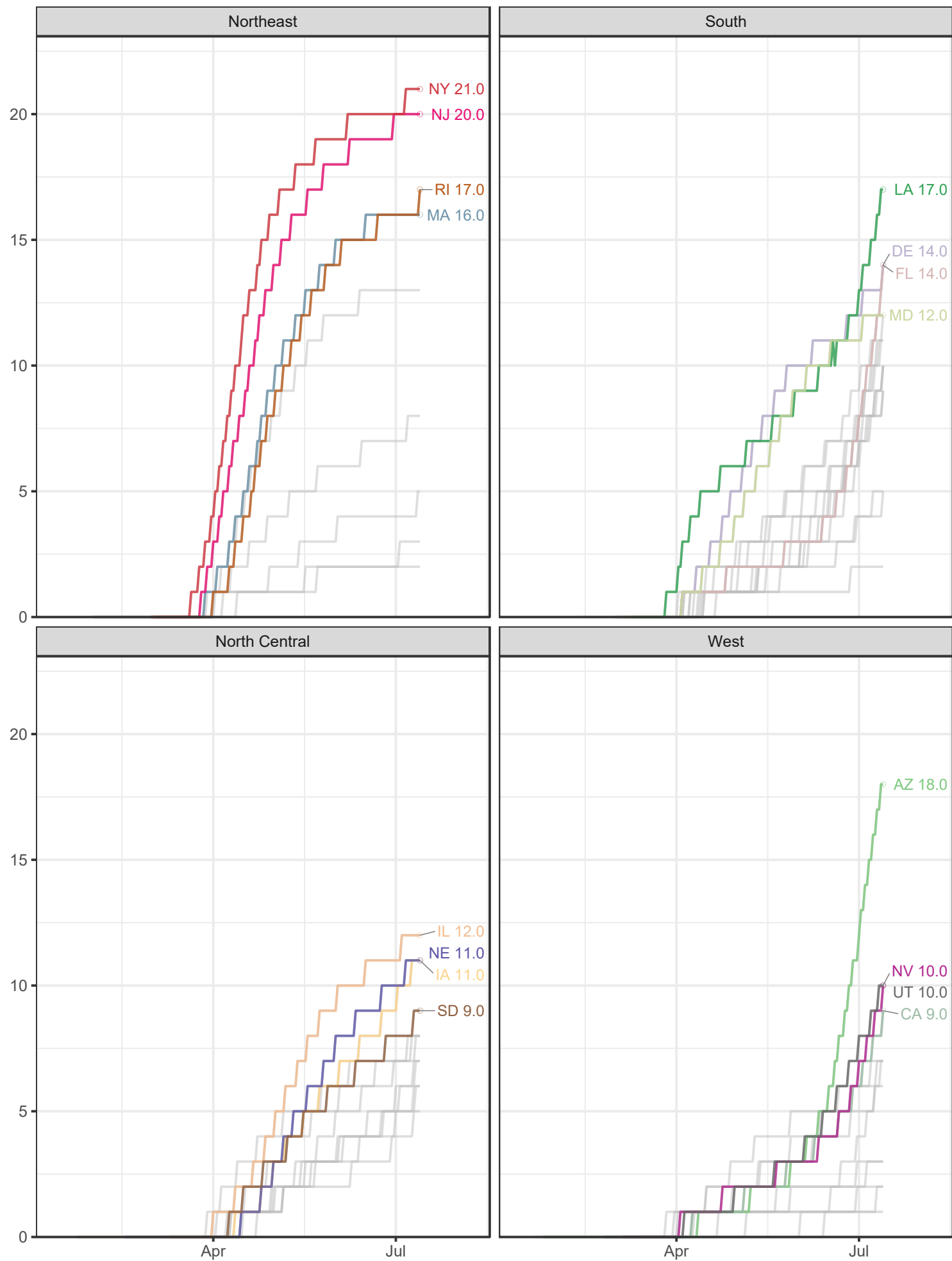
New cases, rolling average 7 and 14 days





# Cummulative cases per 1k persons by state region

the four highest states by region are highlighted



Cummulative cases per 1k persons for California counties  
selected counties highlighted

