

Email completed form to vbd-predict@cdc.gov

<p>model to randomly sample 1,000,000 times to create the corresponding negative binomial distribution across the forecast bins. Our point forecast is the mean value of the bin spread within the bin of highest probability, rounding down if the number isn't whole (e.g., for the 6-11 bin, the point forecast is 8 cases).</p> <p>We forecast the total number of neuroinvasive cases in the US for 2020 at 3,188.</p>
<p>Variables List each variable used and its temporal relationship to the forecast. If multiple models are used, specify which enter into each model.</p>
1. Mean and variance annual neuroinvasive cases, averaged from 2005-2019
2.
3.
4.
5.
6.
7.
8.
9.
10.
<p>Computational resources Describe the programming languages and software tools that were used to write and execute the forecasts.</p>
R and Python
<p>Publications Note whether the model was derived from previously published work and, if so, provide references.</p>
N/A
<p>Participation agreement</p>

By submitting these forecasts, the team agrees to abide by the project rules and data use agreements.

Team lead name

Date

Morgan Gorris

6-30-2020