

Team name		
Los Alamos National Laboratory		
Team leader		
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Other team members		
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Model description		
Provide a brief summary of the model methods with sufficient detail for another modeler to understand the approach being applied. If multiple models are used, describe each model and how they were combined.		
<p>We created a point-bin forecast of WNV neuroinvasive cases for 2020 using the mean number of cases from 2005-2018 as input. We rounded the mean value to the nearest whole number. We assigned the bin including this mean value a probability of 0.797. We assigned the remaining 14 bins a probability of 0.0145.</p> <p>We forecast the total number of neuroinvasive cases in the US for 2020 at 1,050.</p>		
Variables		
List each variable used and its temporal relationship to the forecast. If multiple models are used, specify which enter into each model.		
1. Mean annual neuroinvasive cases, averaged from 2005-2018		
2.		
3.		
4.		
5.		
6.		
7.		

8.	
9.	
10.	
Computational resources Describe the programming languages and software tools that were used to write and execute the forecasts.	
Python	
Publications Note whether the model was derived from previously published work and, if so, provide references.	
N/A	
Participation agreement By submitting these forecasts, the team agrees to abide by the project rules and data use agreements.	
Team lead name	Date
Morgan Gorris	4-10-2020