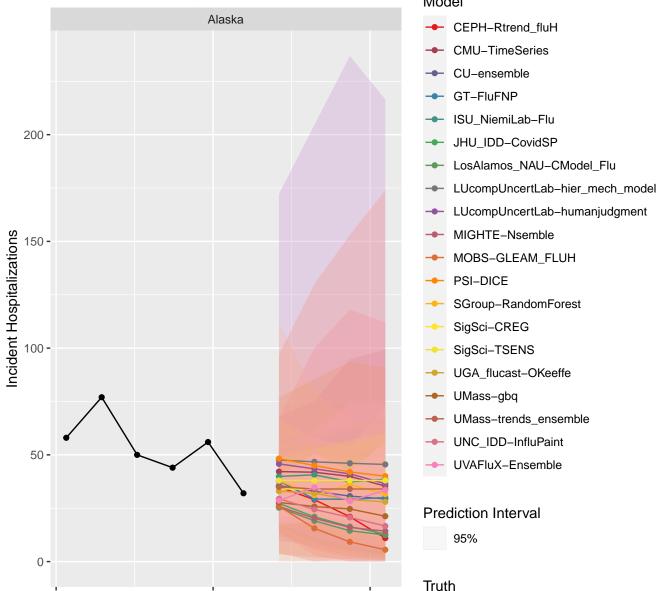


## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alaska Selected forecast date(s): 2023–01–09 Model



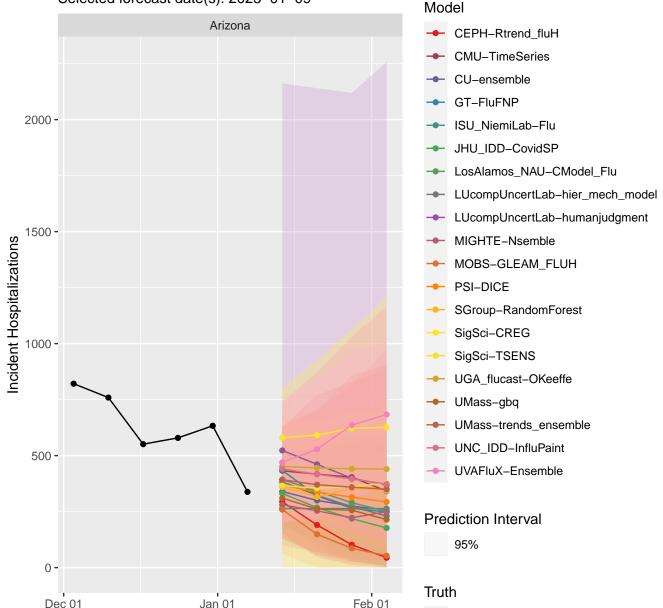
Feb 01

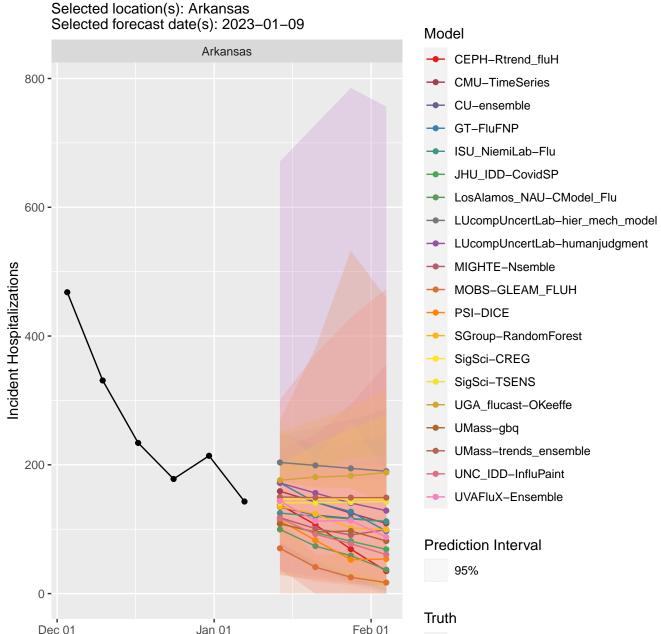
Observed Date (Health Date)

Jan 01

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Arizona Selected forecast date(s): 2023–01–09



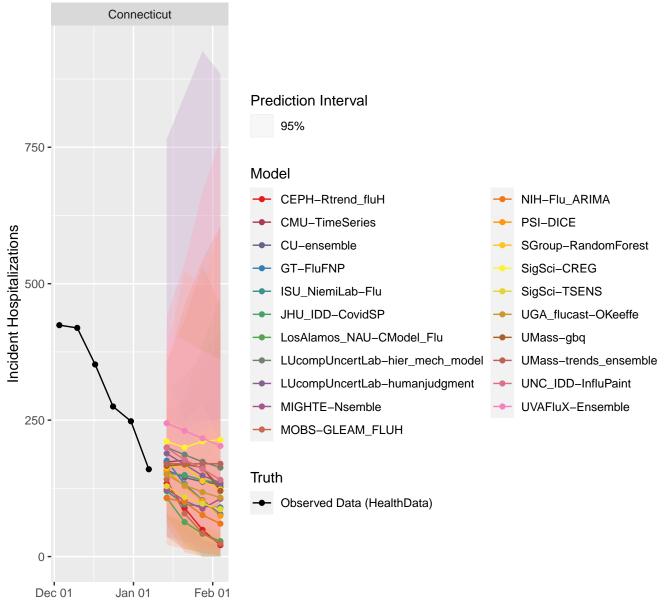


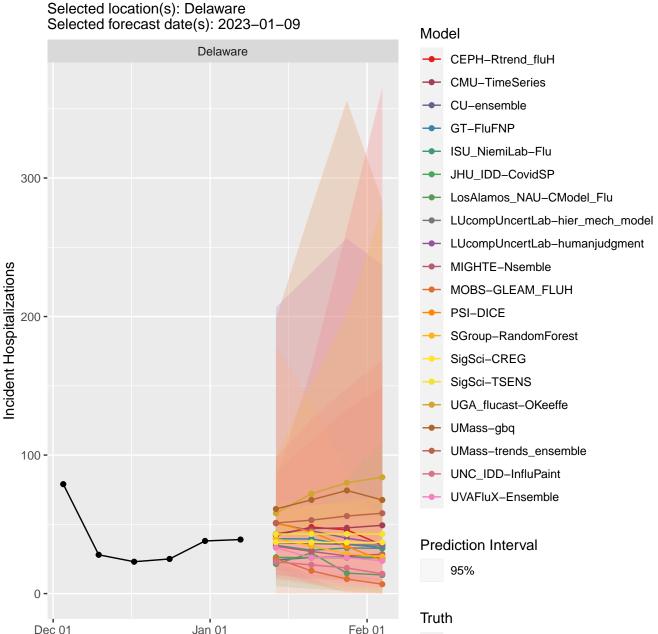
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California Selected forecast date(s): 2023-01-09 California 10000 -Model MOBS-GLEAM\_FLUH CADPH-FluCAT\_Ensemble CEPH-Rtrend\_fluH NIH-Flu\_ARIMA CMU-TimeSeries PSI-DICE 7500 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-TSENS ncident Hospitalizations UGA\_flucast-OKeeffe ISU\_NiemiLab-Flu JHU IDD-CovidSP UMass-gbq LosAlamos NAU-CModel Flu UMass-trends ensemble 5000 -LUcompUncertLab-hier\_mech\_model UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble MIGHTE-Nsemble Prediction Interval 95% 2500 -Truth Observed Data (HealthData) 0 -Dec 01 Jan 01 Feb 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Colorado Selected forecast date(s): 2023-01-09 Prediction Interval Colorado 95% Truth 1500 -Observed Data (HealthData) Model CEPH-Rtrend\_fluH CMU-TimeSeries CU-ensemble ncident Hospitalizations 1000 -GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble 500 -MOBS-GLEAM\_FLUH NIH-Flu\_ARIMA PSI-DICE SGroup-RandomForest SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq 0 -UMass-trends\_ensemble UNC\_IDD-InfluPaint Jan 01 Feb 01 Dec 01

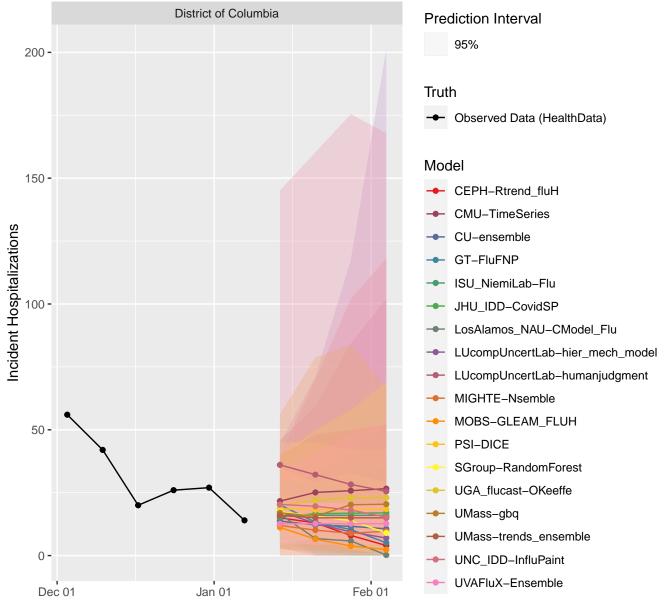
LIVATIUV Engamble

Selected location(s): Connecticut Selected forecast date(s): 2023–01–09





Selected location(s): District of Columbia Selected forecast date(s): 2023–01–09



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Florida Selected forecast date(s): 2023-01-09 Prediction Interval Florida 95% Truth Observed Data (HealthData) Model CEPH-Rtrend fluH CMU-TimeSeries 4000 -CU-ensemble Incident Hospitalizations GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment 2000 -MIGHTE-Nsemble MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq

Feb 01

0 -

Dec 01

Jan 01

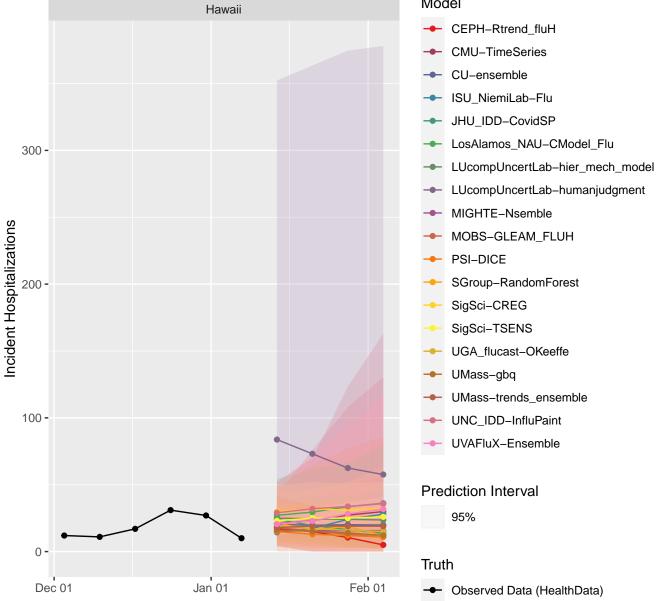
UMass-trends\_ensemble

UNC\_IDD-InfluPaint

UVAFluX-Ensemble

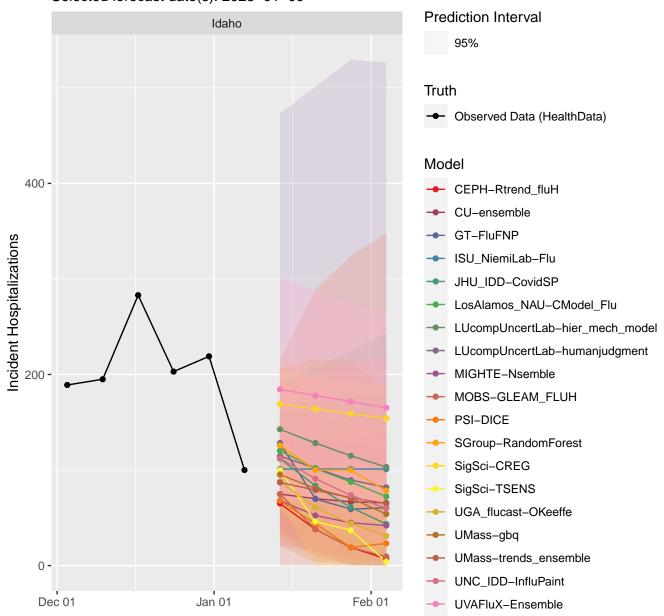
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Georgia Selected forecast date(s): 2023-01-09 Georgia Prediction Interval 95% 2000 -Model CEPH-Rtrend fluH NIH-Flu ARIMA CMU-TimeSeries PSI-DICE Incident Hospitalizations 1500 **-**CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG ISU\_NiemiLab-Flu SigSci-TSENS JHU\_IDD-CovidSP UGA flucast-OKeeffe LosAlamos\_NAU-CModel\_Flu UMass-gbq 000 -LUcompUncertLab-hier\_mech\_model UMass-trends\_ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 500 -Truth Observed Data (HealthData) 0 -Feb 01 Dec 01 Jan 01

# Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Hawaii Selected forecast date(s): 2023–01–09 Hawaii Model

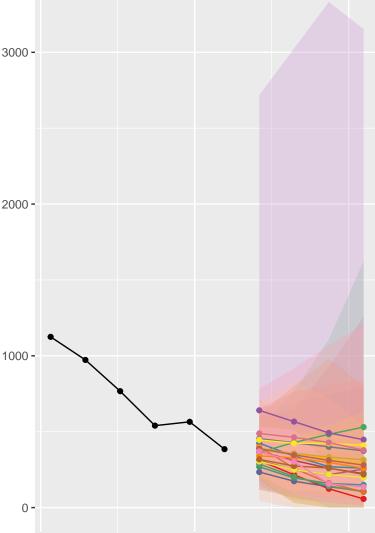


## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Idaho

Selected forecast date(s): 2023-01-09



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Illinois Selected forecast date(s): 2023-01-09 Model Illinois CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP 3000 -



Jan 01

ncident Hospitalizations

Dec 01

ISU\_NiemiLab-Flu

JHU\_IDD-CovidSP

LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model

LUcompUncertLab-humanjudgment

MIGHTE-Nsemble MOBS-GLEAM\_FLUH

PSI-DICE

SGroup-RandomForest

SigSci-CREG

SigSci-TSENS UGA\_flucast-OKeeffe

UMass-gbq

UMass-trends\_ensemble

95%

UNC\_IDD-InfluPaint UVAFluX-Ensemble

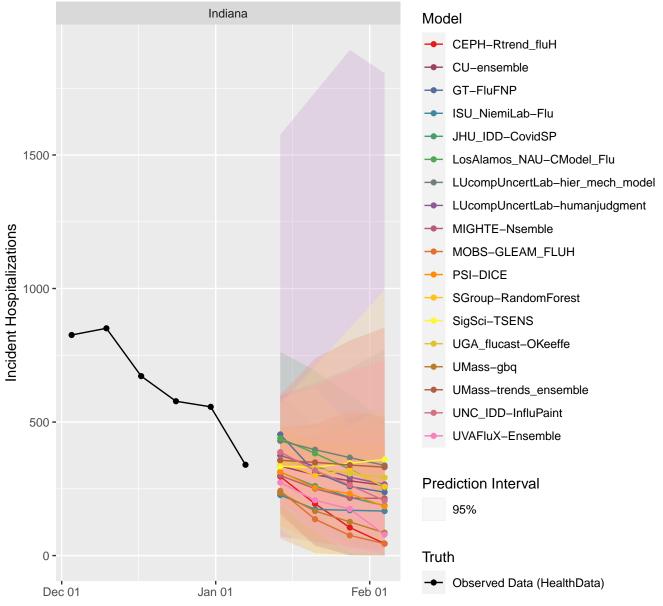
Prediction Interval

Truth

Observed Date (Health Date)

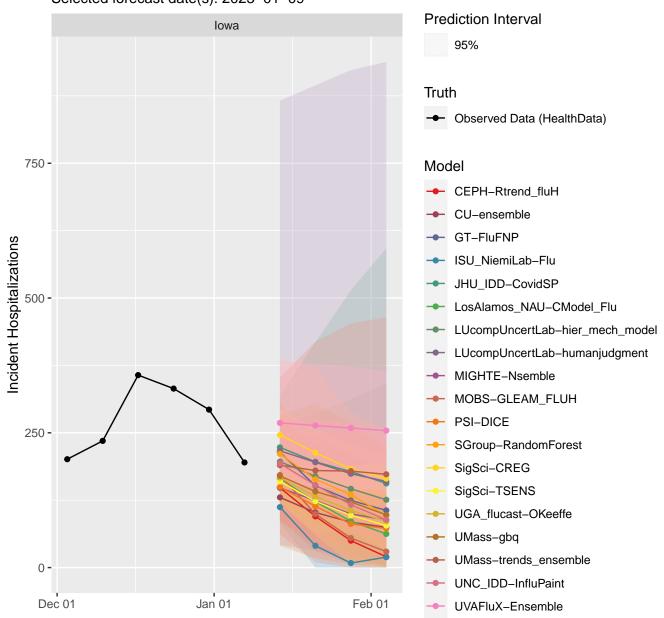
Feb 01

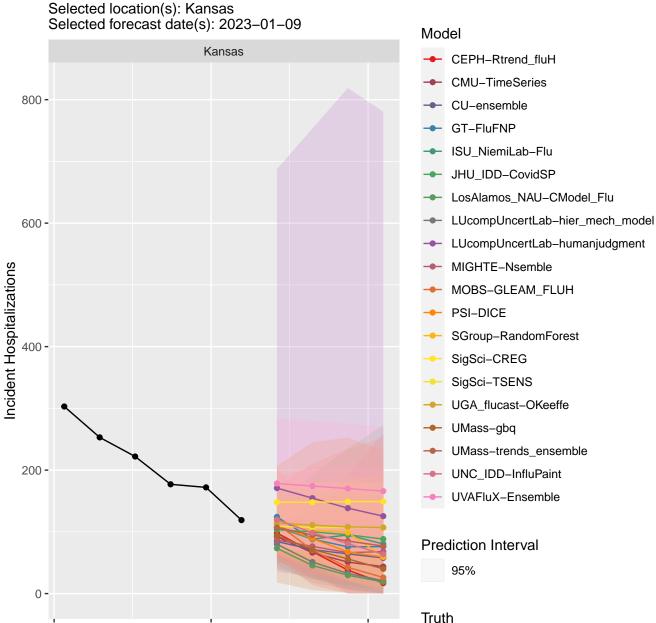
Selected location(s): Indiana Selected forecast date(s): 2023–01–09



#### Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Iowa

Selected forecast date(s): 2023-01-09





Feb 01

Observed Date (Health Date)

Jan 01

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Kentucky Selected forecast date(s): 2023-01-09 Prediction Interval Kentucky 95% 1250 -Truth Observed Data (HealthData) 1000 -Model CEPH-Rtrend fluH CU-ensemble GT-FluFNP ncident Hospitalizations 750 -ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment 500 -MIGHTE-Nsemble MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest 250 -SigSci-CREG SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq UMass-trends\_ensemble 0 -UNC\_IDD-InfluPaint

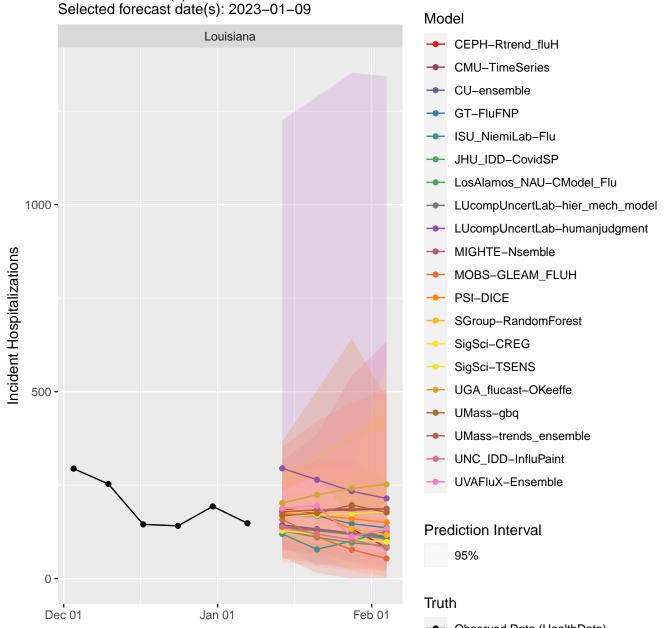
Feb 01

UVAFluX-Ensemble

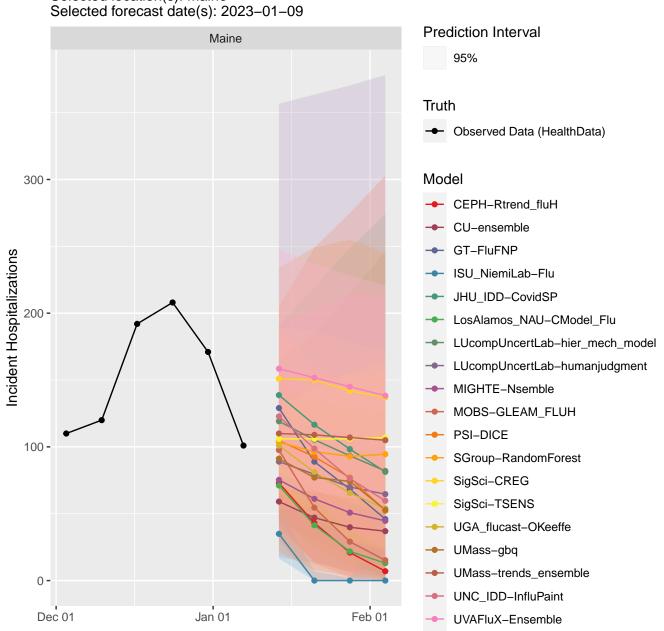
Jan 01

Dec 01

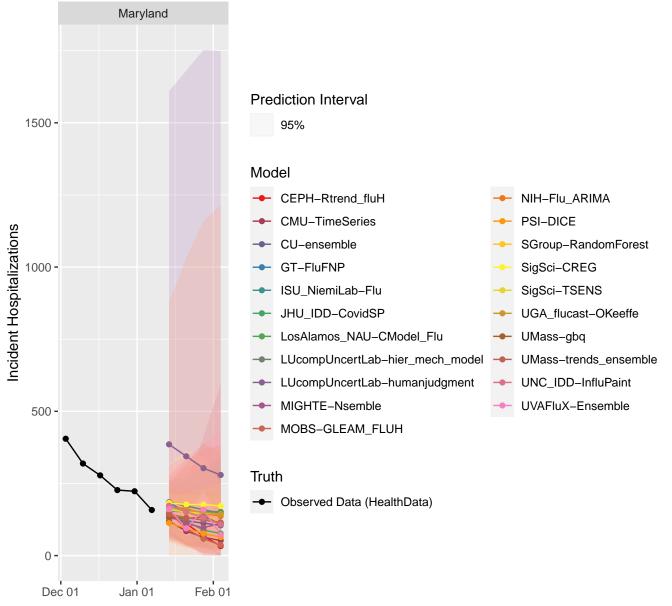
## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana



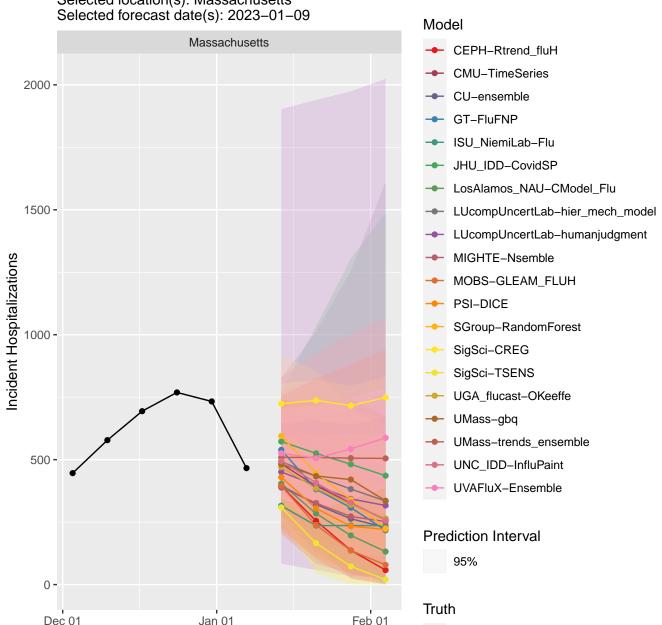
Selected location(s): Maine



Selected location(s): Maryland Selected forecast date(s): 2023–01–09



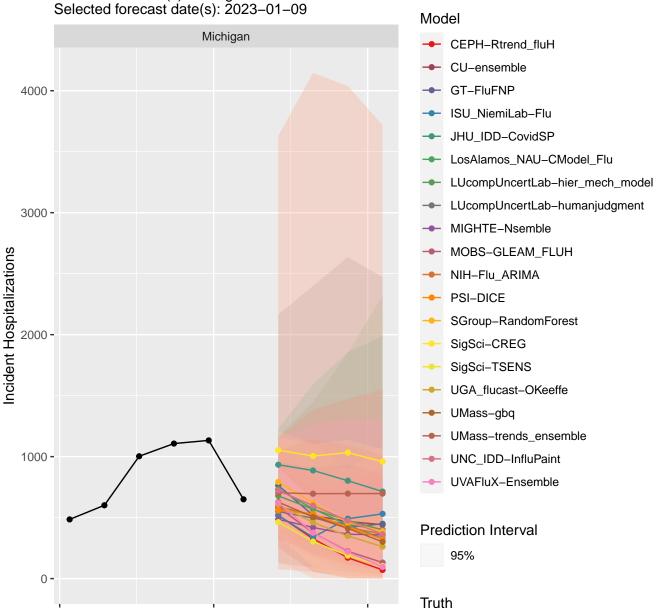
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Massachusetts



Observed Date (Health Date)

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Michigan



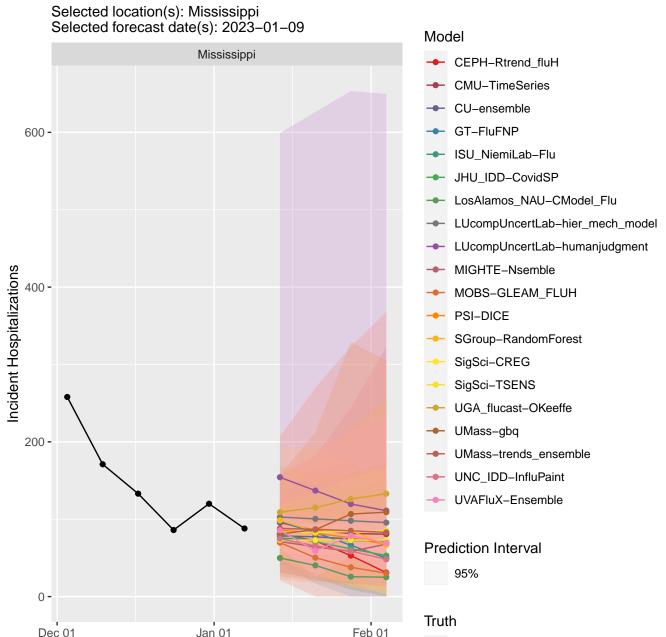
Feb 01

Observed Date (Health Date)

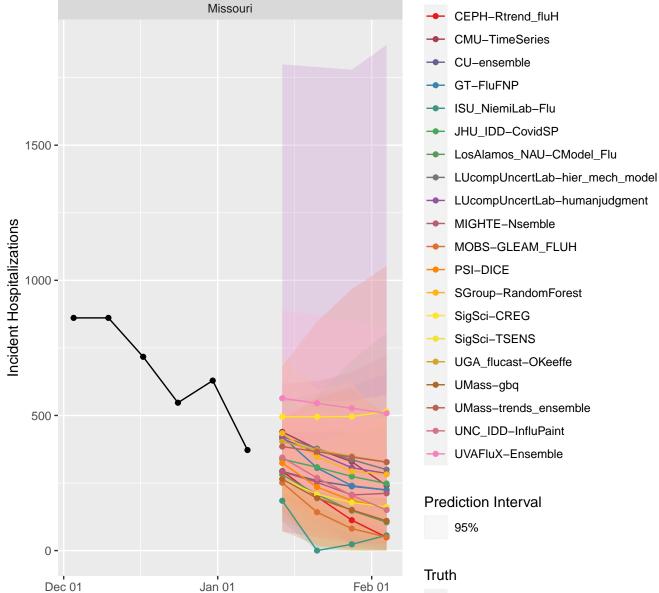
Jan 01

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Minnesota Selected forecast date(s): 2023-01-09 Model Minnesota CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP 1500 -ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble ncident Hospitalizations MOBS-GLEAM\_FLUH 1000 -NIH-Flu\_ARIMA PSI-DICE SGroup-RandomForest SigSci-CREG UGA\_flucast-OKeeffe UMass-gbq 500 -UMass-trends\_ensemble UNC\_IDD-InfluPaint UVAFluX-Ensemble Prediction Interval 95% 0 -Truth Jan 01 Feb 01 Dec 01



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Missouri Selected forecast date(s): 2023-01-09 Model



CMU-TimeSeries

ISU\_NiemiLab-Flu

JHU\_IDD-CovidSP

LosAlamos\_NAU-CModel\_Flu

LUcompUncertLab-humanjudgment

MOBS-GLEAM\_FLUH

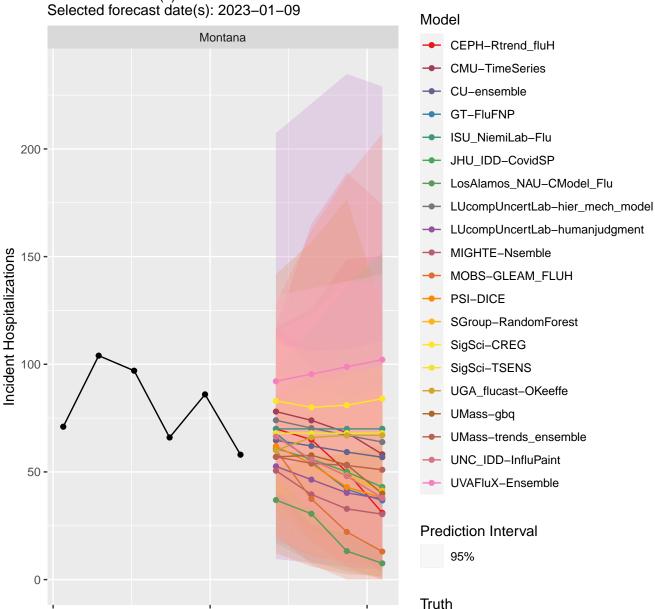
UGA\_flucast-OKeeffe

UMass-gbq

UMass-trends\_ensemble

UNC\_IDD-InfluPaint

### Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Montana

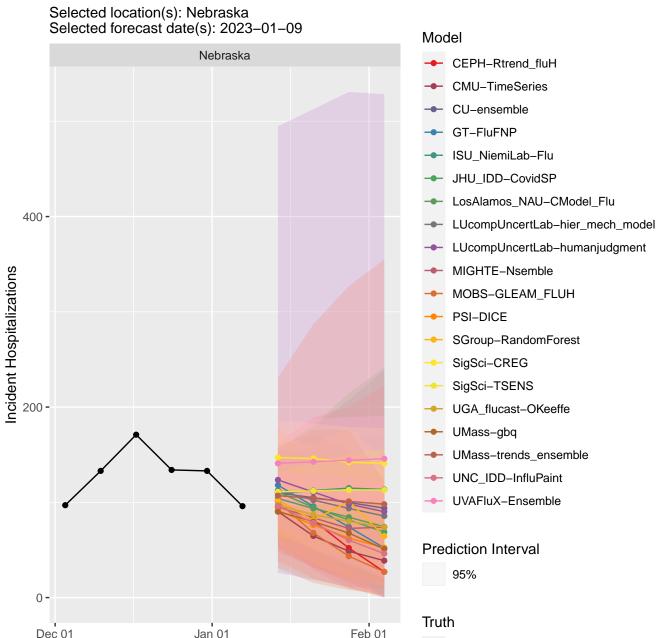


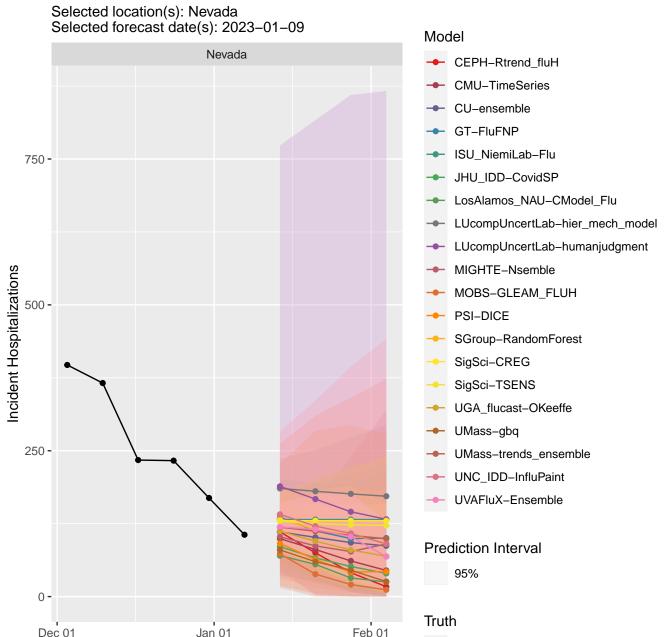
Feb 01

Observed Date (Health Date)

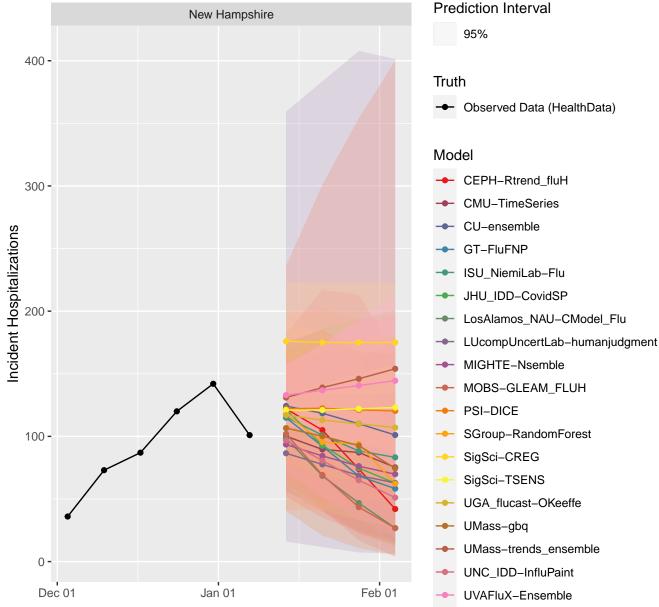
Jan 01

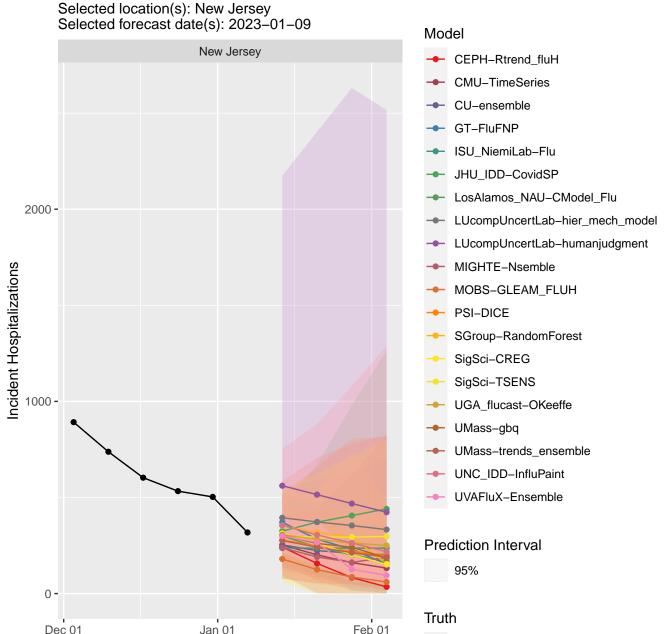
Dec 01



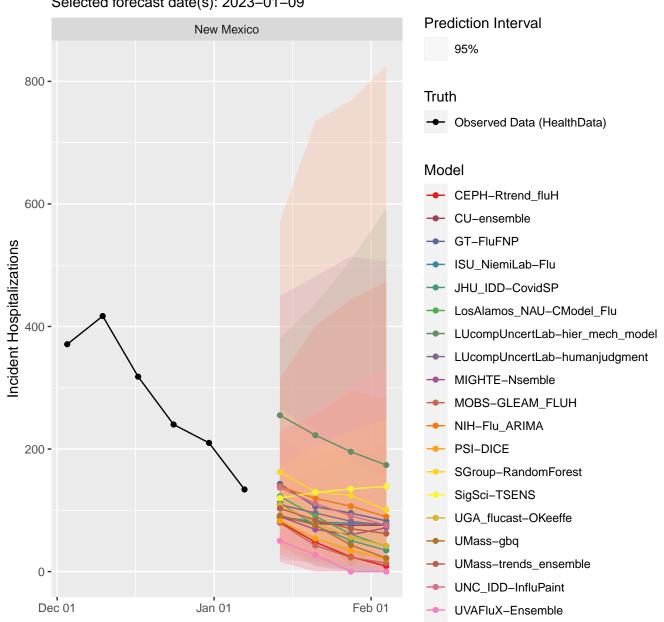


Selected location(s): New Hampshire Selected forecast date(s): 2023–01–09

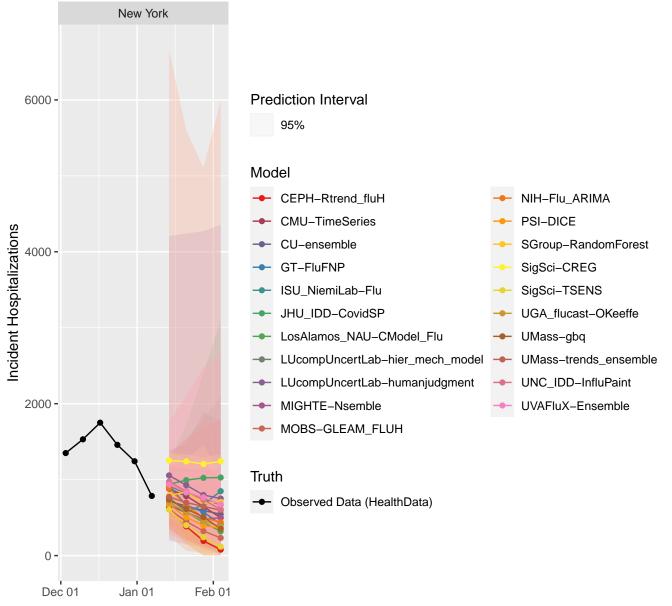




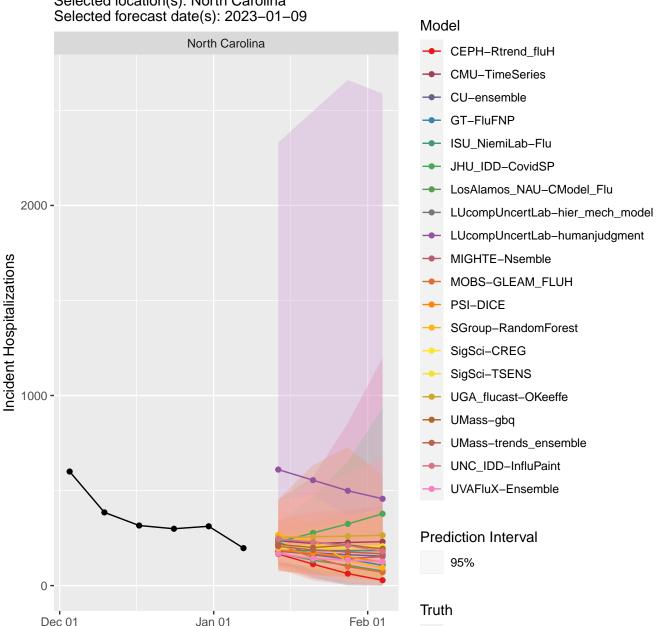
Selected location(s): New Mexico Selected forecast date(s): 2023–01–09

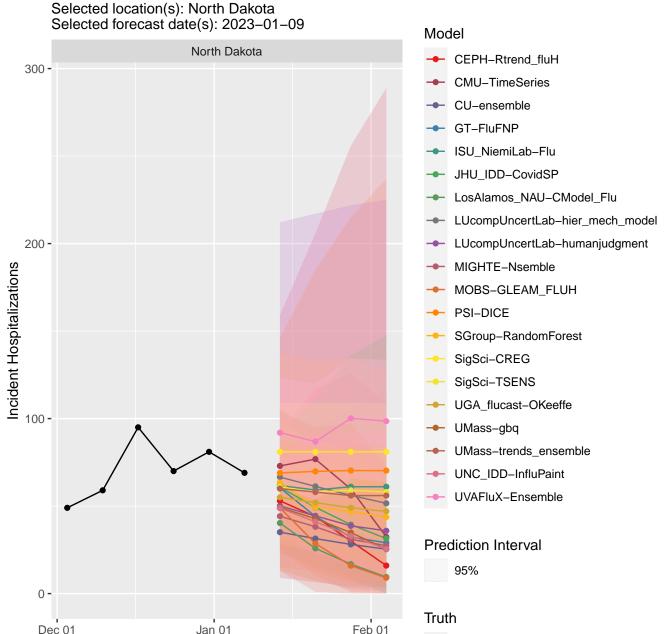


Selected location(s): New York Selected forecast date(s): 2023–01–09



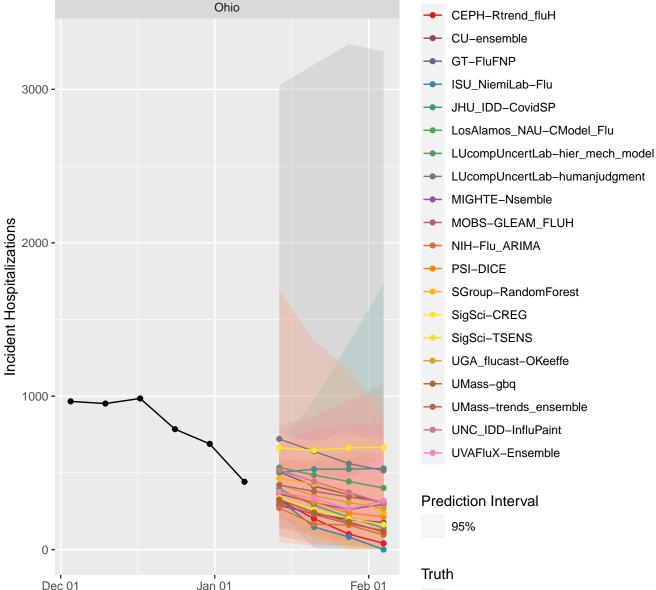
## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina



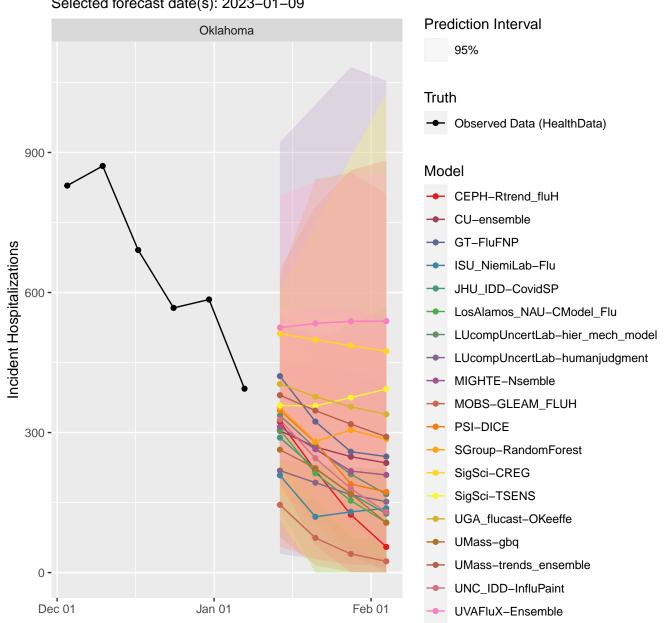


Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Ohio Selected forecast date(s): 2023–01–09

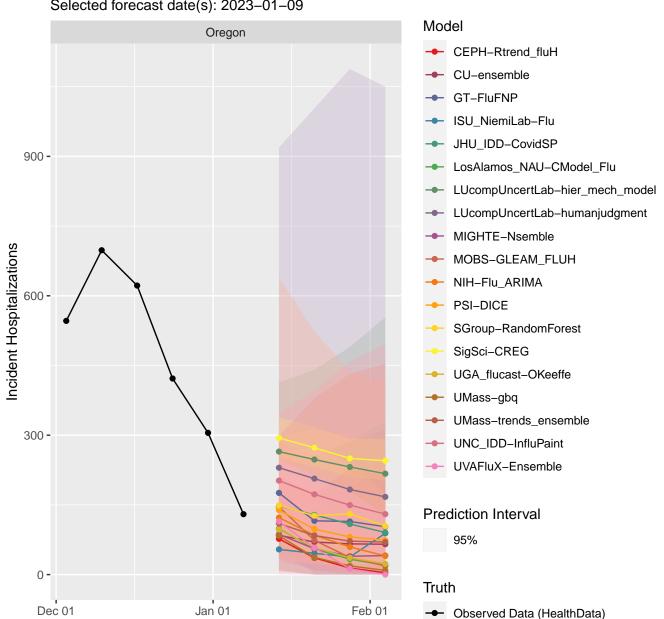
Model

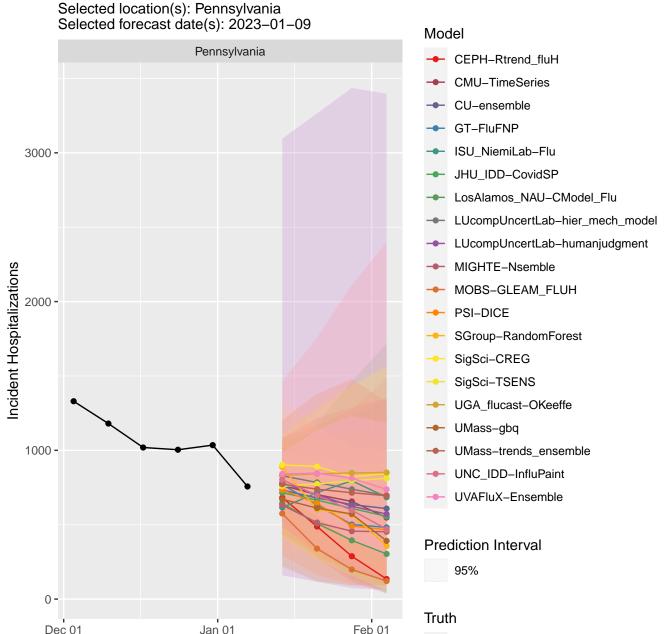


Selected location(s): Oklahoma Selected forecast date(s): 2023–01–09



Selected location(s): Oregon Selected forecast date(s): 2023-01-09





Observed Date (Health Date)

Selected location(s): Rhode Island Selected forecast date(s): 2023-01-09 Model Rhode Island CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model 200 -LUcompUncertLab-humanjudgment MIGHTE-Nsemble MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest SigSci-CREG SigSci-TSENS UGA\_flucast-OKeeffe 100 -UMass-gbq UMass-trends\_ensemble UNC\_IDD-InfluPaint UVAFluX-Ensemble Prediction Interval 95% 0 -Truth

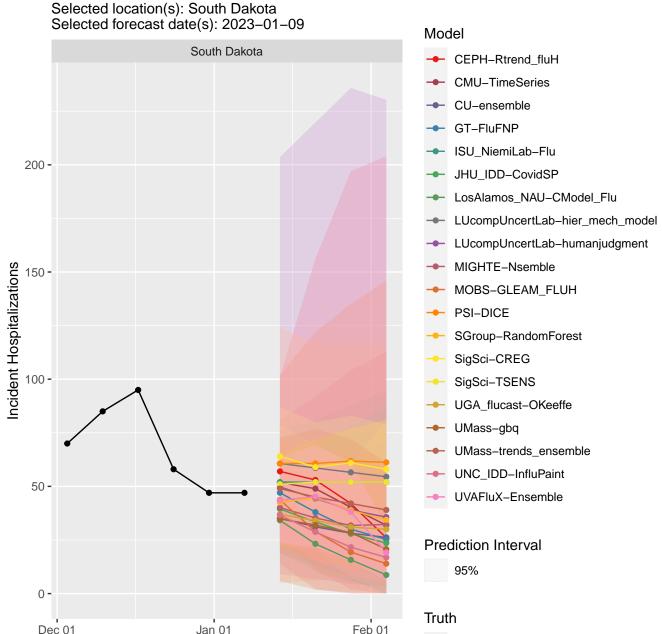
Feb 01

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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): South Carolina Selected forecast date(s): 2023-01-09 Model South Carolina CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP 1000 -LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble ncident Hospitalizations MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest SigSci-CREG SigSci-TSENS 500 -UGA\_flucast-OKeeffe UMass-gbq UMass-trends\_ensemble UNC\_IDD-InfluPaint UVAFluX-Ensemble Prediction Interval 95% 0 -Truth Jan 01 Feb 01 Dec 01



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Tennessee Selected forecast date(s): 2023-01-09 Tennessee 2000 -Prediction Interval 95% 1500 -Model CEPH-Rtrend fluH NIH-Flu ARIMA CMU-TimeSeries PSI-DICE SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 000 -ISU\_NiemiLab-Flu SigSci-TSENS JHU\_IDD-CovidSP UGA flucast-OKeeffe LosAlamos\_NAU-CModel\_Flu UMass-gbq LUcompUncertLab-hier\_mech\_model UMass-trends\_ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 500 MOBS-GLEAM\_FLUH Truth Observed Data (HealthData)

Incident Hospitalizations

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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Texas Selected forecast date(s): 2023-01-09 Model Texas CEPH-Rtrend fluH CMU-TimeSeries 8000 -CU-ensemble GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu 6000 -LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble Incident Hospitalizations MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest 4000 -SigSci-CREG SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq UMass-trends\_ensemble 2000 UNC\_IDD-InfluPaint UVAFluX-Ensemble Prediction Interval 95% 0 -Truth Jan 01 Feb 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Utah Selected forecast date(s): 2023-01-09 Model Utah CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP 750 -LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble ncident Hospitalizations MOBS-GLEAM\_FLUH PSI-DICE 500 **-**SGroup-RandomForest SigSci-CREG SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq UMass-trends\_ensemble 250 -UNC\_IDD-InfluPaint UVAFluX-Ensemble Prediction Interval 95% 0 -Truth

Feb 01

Observed Date (Health Date)

Jan 01

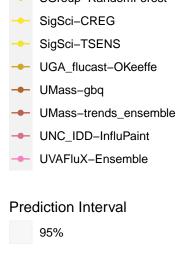
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Vermont Selected forecast date(s): 2023-01-09 Model Vermont CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble 200 -GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model 150 -LUcompUncertLab-humanjudgment MIGHTE-Nsemble Incident Hospitalizations MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest 100 -SigSci-CREG SigSci-TSENS

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Dec 01

Jan 01



Observed Date (Health Date)

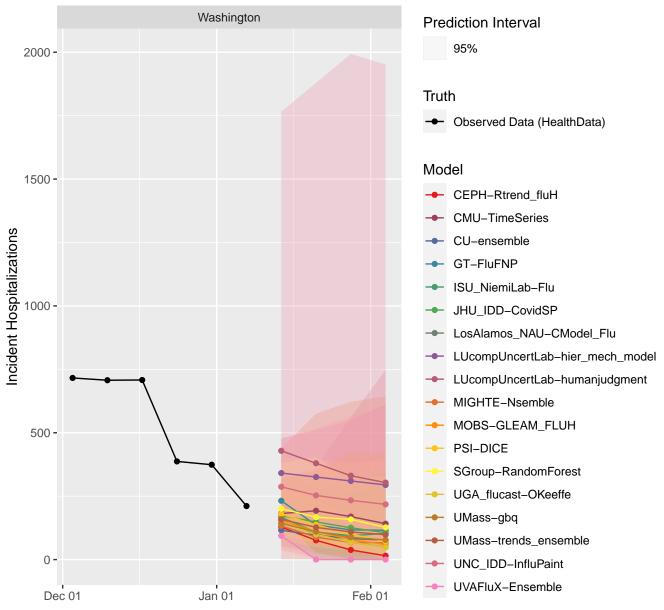
Truth

Feb 01

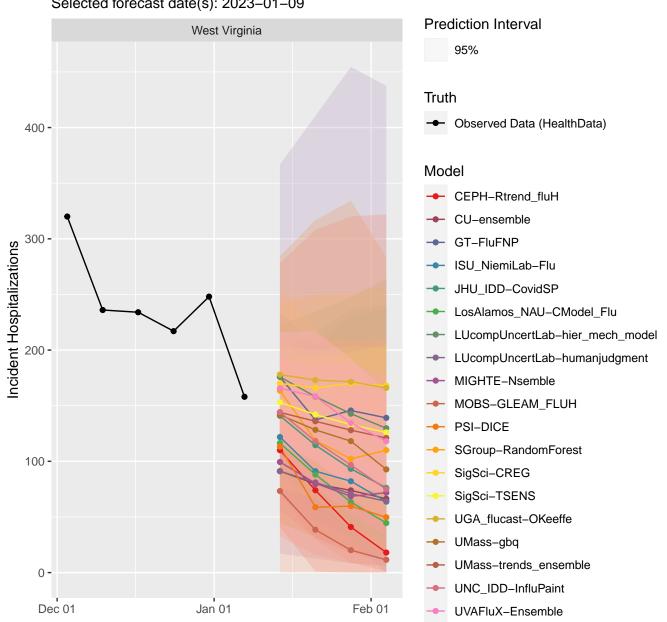
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Virginia Selected forecast date(s): 2023-01-09 Model Virginia CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP 2000 -ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment 1500 -MIGHTE-Nsemble Incident Hospitalizations MOBS-GLEAM\_FLUH PSI-DICE SGroup-RandomForest SigSci-CREG 000 -SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq UMass-trends\_ensemble UNC\_IDD-InfluPaint 500 -UVAFluX-Ensemble Prediction Interval 95% 0 -Truth Jan 01 Feb 01

Observed Date (Health Date)

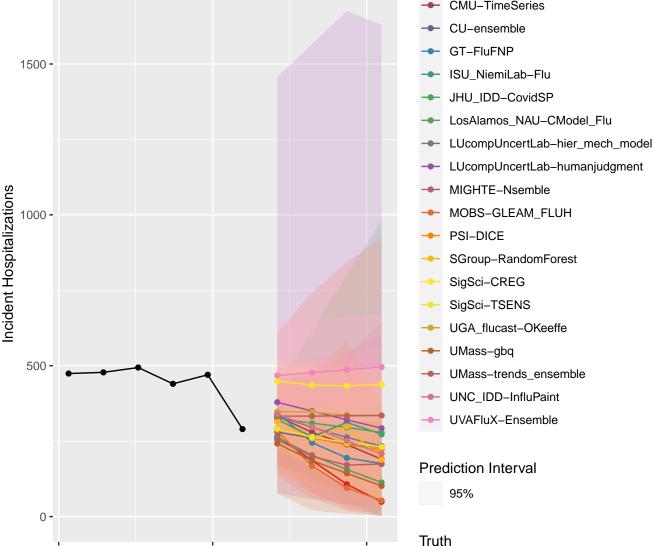
Selected location(s): Washington Selected forecast date(s): 2023–01–09



Selected location(s): West Virginia Selected forecast date(s): 2023-01-09



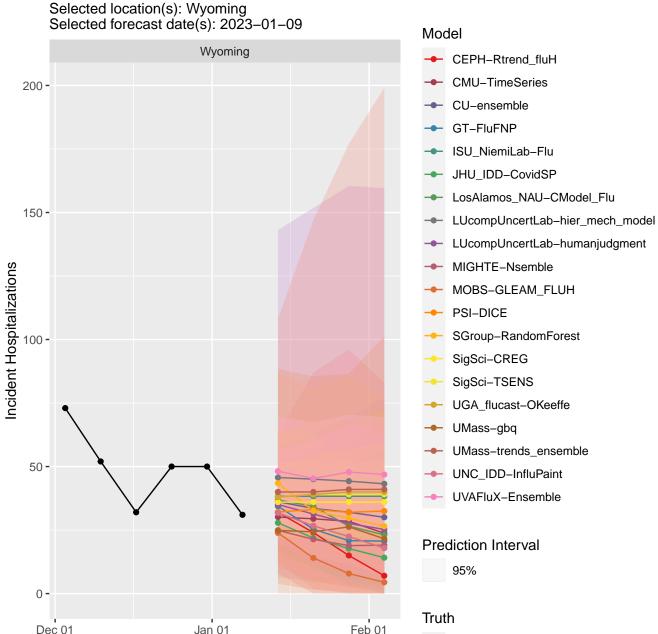
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Wisconsin Selected forecast date(s): 2023-01-09 Model Wisconsin CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble GT-FluFNP 1500 -ISU\_NiemiLab-Flu JHU\_IDD-CovidSP



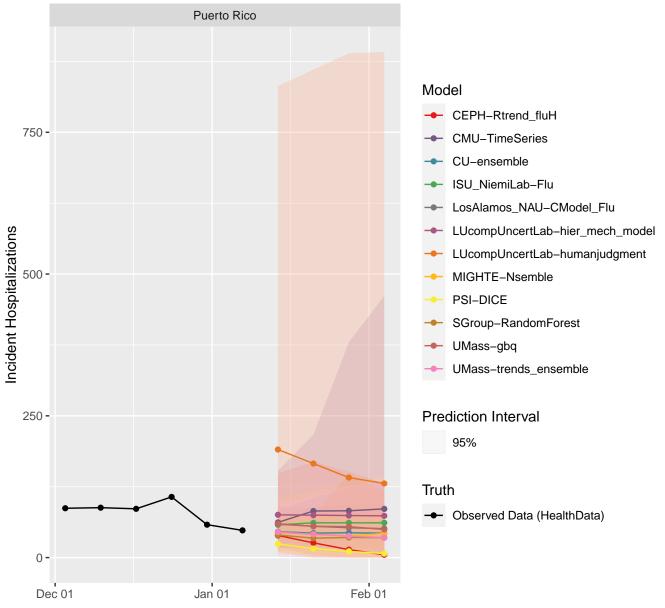
Feb 01

Observed Date (Health Date)

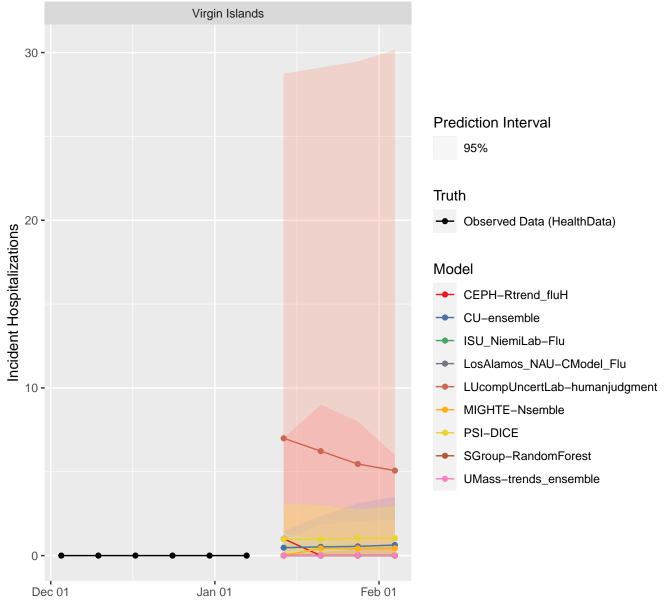
Jan 01



Selected location(s): Puerto Rico Selected forecast date(s): 2023–01–09



Selected location(s): Virgin Islands Selected forecast date(s): 2023–01–09



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): United States Selected forecast date(s): 2023-01-09 Prediction Interval **United States** 95% Truth Observed Data (HealthData) Model 2e+05 -CEPH-Rtrend\_fluH CMU-TimeSeries CU-ensemble ncident Hospitalizations GT-FluFNP ISU\_NiemiLab-Flu JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment 1e+05 **-**MIGHTE-Nsemble MOBS-GLEAM\_FLUH NIH-Flu\_ARIMA PSI-DICE SGroup-RandomForest SigSci-TSENS UGA\_flucast-OKeeffe UMass-gbq 0e+00 -UMass-trends\_ensemble UNC\_IDD-InfluPaint Jan 01 Feb 01 Dec 01

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