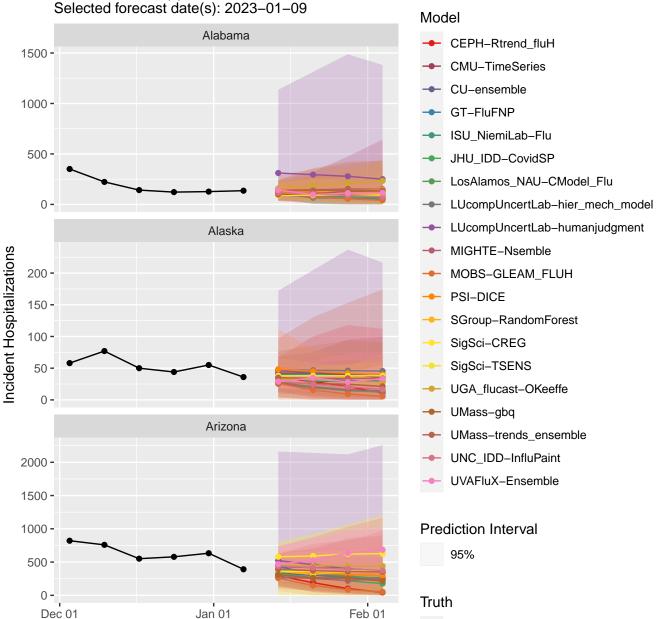
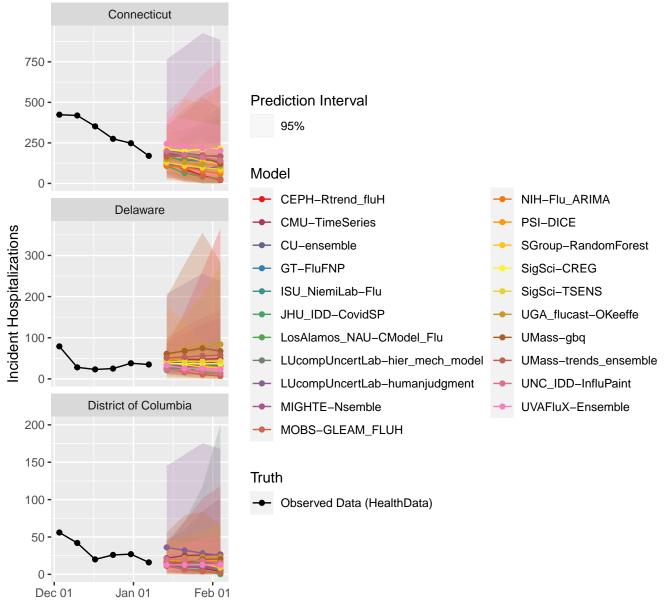
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Alaska, Arizona



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2023-01-09 Arkansas 800 -600 -Model 400 MOBS-GLEAM\_FLUH CADPH-FluCAT\_Ensemble 200 -CEPH-Rtrend\_fluH NIH-Flu\_ARIMA CMU-TimeSeries PSI-DICE 0 -CU-ensemble SGroup-RandomForest California GT-FluFNP SigSci-CREG 10000 ncident Hospitalizations ISU\_NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 7500 -LosAlamos NAU-CModel Flu UMass-gbq 5000 -LUcompUncertLab-hier\_mech\_model UMass-trends ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint 2500 MIGHTE-Nsemble UVAFluX-Ensemble 0 Prediction Interval Colorado 95% 1500 -Truth 1000 -Observed Data (HealthData) 500 -0 Jan 01 Feb 01 Dec 01

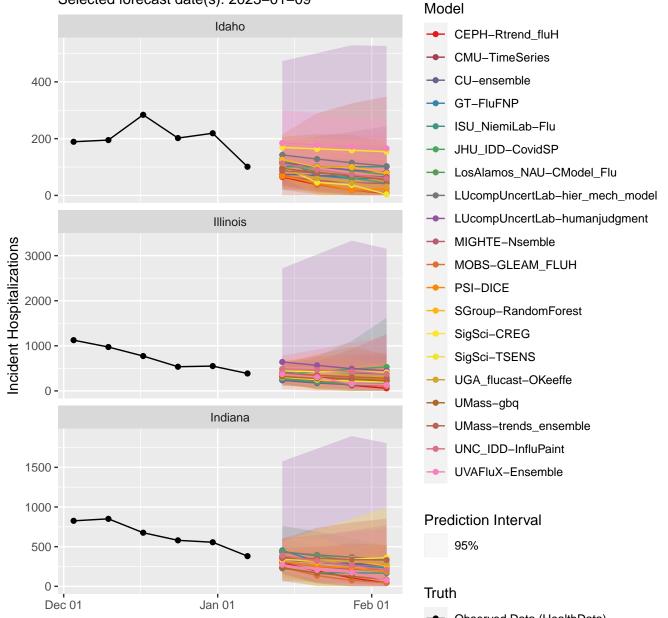
## Weekly Influenza Incident Hospitalizations: observed and forecasted

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

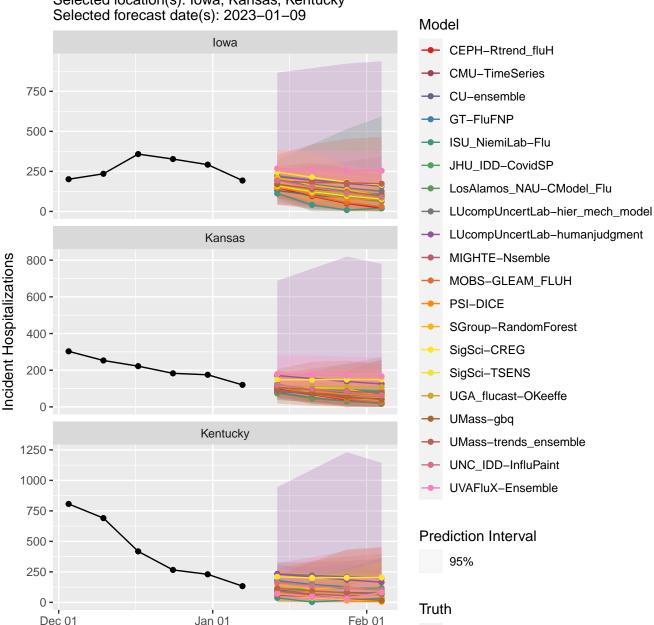


Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Florida, Georgia, Hawaii Selected forecast date(s): 2023-01-09 Florida 4000 -Prediction Interval 95% 2000 -Model 0 CEPH-Rtrend fluH NIH-Flu ARIMA Georgia CMU-TimeSeries PSI-DICE Incident Hospitalizations CU-ensemble SGroup-RandomForest 2000 -GT-FluFNP SigSci-CREG 1500 -ISU\_NiemiLab-Flu SigSci-TSENS JHU\_IDD-CovidSP UGA flucast-OKeeffe 1000 -LosAlamos NAU-CModel Flu UMass-gbq 500 -LUcompUncertLab-hier\_mech\_model UMass-trends\_ensemble 0 LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint Hawaii MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 300 -Truth 200 -Observed Data (HealthData) 100 -Jan 01 Feb 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Idaho, Illinois, Indiana Selected forecast date(s): 2023–01–09



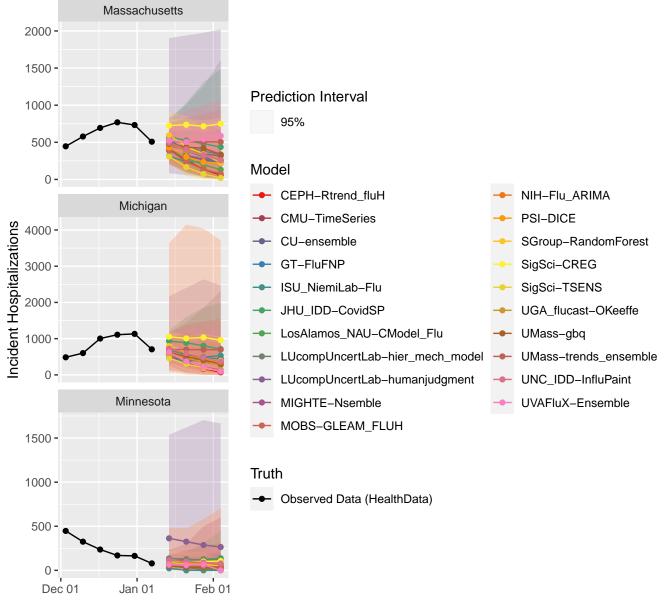
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): lowa, Kansas, Kentucky



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maine, Maryland Selected forecast date(s): 2023-01-09 Louisiana 1000 -Prediction Interval 95% 500 -Model 0 -CEPH-Rtrend fluH NIH-Flu ARIMA Maine CMU-TimeSeries PSI-DICE Incident Hospitalizations CU-ensemble SGroup-RandomForest 300 -GT-FluFNP SigSci-CREG ISU\_NiemiLab-Flu SigSci-TSENS 200 -JHU\_IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 100 LUcompUncertLab-hier\_mech\_model UMass-trends ensemble 0 LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint Maryland MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 1500 -Truth 1000 -Observed Data (HealthData) 500 Feb 01 Jan 01 Dec 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Massachusetts, Michigan, Minnesota Selected forecast date(s): 2023–01–09



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Mississippi, Missouri, Montana Selected forecast date(s): 2023-01-09 Model Mississippi CEPH-Rtrend fluH CMU-TimeSeries 600 -CU-ensemble GT-FluFNP 400 -ISU\_NiemiLab-Flu 200 JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu 0 -LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment Missouri MIGHTE-Nsemble ncident Hospitalizations MOBS-GLEAM\_FLUH 1500 -PSI-DICE 1000 -SGroup-RandomForest SigSci-CREG 500 -SigSci-TSENS UGA\_flucast-OKeeffe 0 -UMass-gbq Montana UMass-trends\_ensemble UNC\_IDD-InfluPaint 200 -UVAFluX-Ensemble 150 -Prediction Interval 100 -95% 50 -Truth Jan 01 Feb 01 Dec 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nebraska, Nevada, New Hampshire

Selected forecast date(s): 2023-01-09 Model Nebraska CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble 400 -GT-FluFNP ISU\_NiemiLab-Flu 200 -JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model 0 LUcompUncertLab-humanjudgment Nevada MIGHTE-Nsemble Incident Hospitalizations 750 **-**MOBS-GLEAM\_FLUH PSI-DICE 500 -SGroup-RandomForest SigSci-CREG 250 -SigSci-TSENS UGA\_flucast-OKeeffe 0 UMass-gbq New Hampshire UMass-trends\_ensemble 400 -UNC\_IDD-InfluPaint UVAFluX-Ensemble 300 -200 -Prediction Interval 95% 100 -0 -Truth

Feb 01

Observed Date (Health Date)

Jan 01

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2023-01-09 **New Jersey** 2000 -Prediction Interval 95% 1000 -Model 0 -CEPH-Rtrend fluH NIH-Flu ARIMA New Mexico CMU-TimeSeries PSI-DICE Incident Hospitalizations 800 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG 600 -ISU\_NiemiLab-Flu SigSci-TSENS 400 JHU\_IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 200 -UMass-trends ensemble LUcompUncertLab-hier\_mech\_model 0 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint New York MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 6000 -Truth 4000 -Observed Data (HealthData) 2000 Feb 01 Dec 01 Jan 01

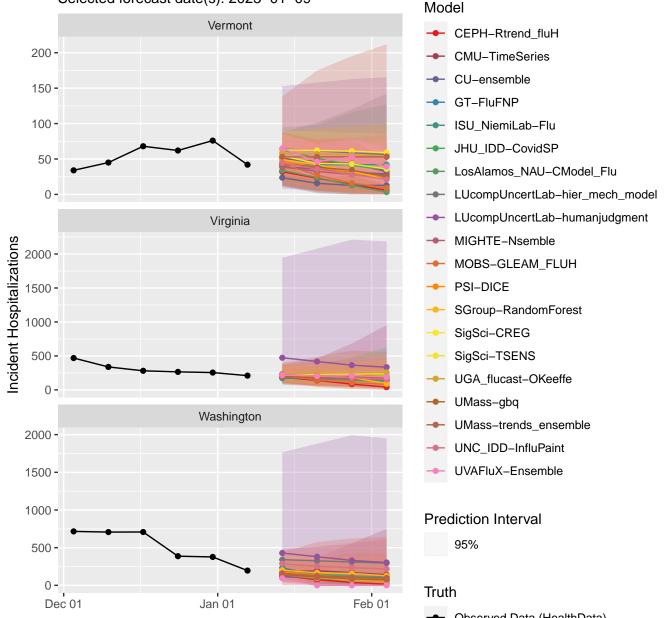
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2023-01-09 North Carolina 2000 -Prediction Interval 95% 1000 -Model 0 CEPH-Rtrend fluH NIH-Flu ARIMA North Dakota 300 -CMU-TimeSeries PSI-DICE ncident Hospitalizations CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG 200 -ISU\_NiemiLab-Flu SigSci-TSENS JHU\_IDD-CovidSP UGA flucast-OKeeffe 100 -LosAlamos NAU-CModel Flu UMass-gbq LUcompUncertLab-hier\_mech\_model UMass-trends ensemble 0 LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint Ohio MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 3000 -Truth 2000 -Observed Data (HealthData) 1000 Feb 01 Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2023-01-09 Oklahoma 900 600 -Prediction Interval 95% 300 -Model 0 -CEPH-Rtrend fluH NIH-Flu ARIMA Oregon CMU-TimeSeries PSI-DICE ncident Hospitalizations CU-ensemble SGroup-RandomForest 900 -GT-FluFNP SigSci-CREG ISU\_NiemiLab-Flu SigSci-TSENS 600 JHU\_IDD-CovidSP UGA flucast-OKeeffe 300 -LosAlamos NAU-CModel Flu UMass-gbq LUcompUncertLab-hier\_mech\_model UMass-trends ensemble 0 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint Pennsylvania MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 3000 -Truth 2000 -Observed Data (HealthData) 1000 Feb 01 Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2023-01-09 Model Rhode Island CEPH-Rtrend fluH CMU-TimeSeries CU-ensemble 200 -GT-FluFNP ISU\_NiemiLab-Flu 100 -JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu LUcompUncertLab-hier\_mech\_model 0 -LUcompUncertLab-humanjudgment South Carolina MIGHTE-Nsemble ncident Hospitalizations MOBS-GLEAM\_FLUH 1000 -PSI-DICE SGroup-RandomForest 500 -SigSci-CREG SigSci-TSENS UGA\_flucast-OKeeffe 0 -UMass-gbq South Dakota UMass-trends\_ensemble UNC\_IDD-InfluPaint 200 -UVAFluX-Ensemble 150 -Prediction Interval 100 -95% 50 -Truth Jan 01 Dec 01 Feb 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Tennessee, Texas, Utah Selected forecast date(s): 2023-01-09 Tennessee 2000 -1500 -Prediction Interval 1000 -95% 500 Model 0 CEPH-Rtrend fluH NIH-Flu ARIMA Texas CMU-TimeSeries PSI-DICE Incident Hospitalizations 8000 -CU-ensemble SGroup-RandomForest 6000 -GT-FluFNP SigSci-CREG ISU\_NiemiLab-Flu SigSci-TSENS 4000 -JHU\_IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 2000 LUcompUncertLab-hier\_mech\_model UMass-trends\_ensemble 0 LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint Utah MIGHTE-Nsemble UVAFluX-Ensemble MOBS-GLEAM\_FLUH 750 -Truth 500 -Observed Data (HealthData) 250 -Jan 01 Feb 01 Dec 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Vermont, Virginia, Washington Selected forecast date(s): 2023–01–09



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2023-01-09 Model West Virginia CEPH-Rtrend fluH CMU-TimeSeries 400 -CU-ensemble 300 GT-FluFNP ISU\_NiemiLab-Flu 200 -JHU\_IDD-CovidSP 100 -LosAlamos\_NAU-CModel\_Flu 0 -LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment Wisconsin MIGHTE-Nsemble Incident Hospitalizations 1500 **-**MOBS-GLEAM\_FLUH PSI-DICE 000 -SGroup-RandomForest SigSci-CREG 500 -SigSci-TSENS UGA\_flucast-OKeeffe 0 UMass-gbq Wyoming UMass-trends\_ensemble 200 -UNC\_IDD-InfluPaint UVAFluX-Ensemble 150 -100 -Prediction Interval 95% 50 -Truth Jan 01 Feb 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States Selected forecast date(s): 2023-01-09 Prediction Interval Puerto Rico 95% 750 **-**Truth Observed Data (HealthData) 500 -250 -Model CEPH-Rtrend\_fluH 0 -CMU-TimeSeries United States CU-ensemble Incident Hospitalizations GT-FluFNP ISU\_NiemiLab-Flu 2e+05 -JHU\_IDD-CovidSP LosAlamos\_NAU-CModel\_Flu 1e+05 -LUcompUncertLab-hier\_mech\_model LUcompUncertLab-humanjudgment MIGHTE-Nsemble 0e+00 MOBS-GLEAM\_FLUH Virgin Islands NIH-Flu\_ARIMA 30 -PSI-DICE SGroup-RandomForest 20 -SigSci-TSENS UGA\_flucast-OKeeffe 10 -UMass-gbq UMass-trends\_ensemble UNC\_IDD-InfluPaint Feb 01 Jan 01 Dec 01

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