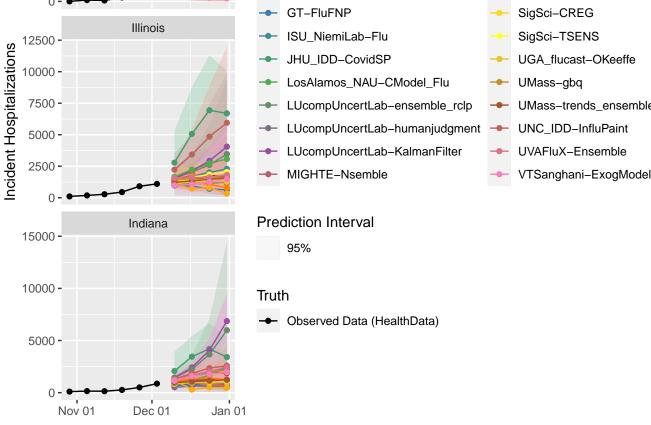
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Alaska, Arizona Selected forecast date(s): 2022-12-05 Alabama 3000 -Model 2000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 1000 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest 0 -GT-FluFNP SigSci-CREG Alaska ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 400 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 200 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Arizona 8000 -95% 6000 -Truth 4000 -Observed Data (HealthData) 2000 -Dec 01 Jan 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2022-12-05 Arkansas 3000 -Model 2000 -CADPH-FluCAT Ensemble MOBS-GLEAM FLUH CEPH-Rtrend fluH NIH-Flu ARIMA 1000 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG California ISU_NiemiLab-Flu SigSci-TSENS ncident Hospitalizations 40000 -JHU_IDD-CovidSP UGA_flucast-OKeeffe 30000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble 20000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 10000 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel Colorado Prediction Interval 4000 -95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Jan 01 Nov 01

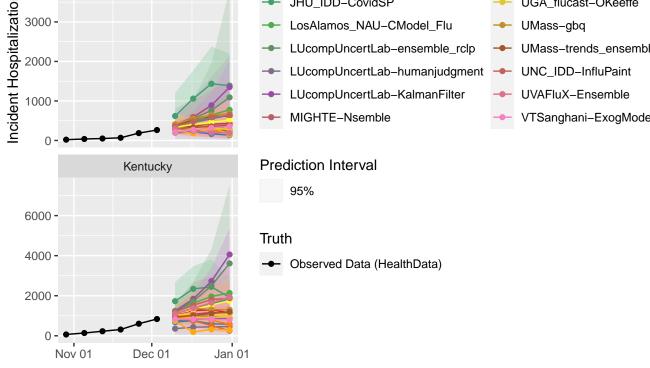
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, Delaware, District of Columbia Selected forecast date(s): 2022-12-05 Connecticut 15000 -Prediction Interval 10000 -95% 5000 -Truth Observed Data (HealthData) Delaware Incident Hospitalizations 800 -Model CEPH-Rtrend fluH NIH-Flu ARIMA 600 -CMU-TimeSeries PSI-DICE 400 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG 200 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq District of Columbia LUcompUncertLab-ensemble_rclp UMass-trends ensemble 400 -LUcompUncertLab-humanjudgment UNC IDD-InfluPaint LUcompUncertLab-KalmanFilter 300 -UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 200 -MOBS-GLEAM_FLUH 100 -Nov 01 Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Florida, Georgia, Hawaii Selected forecast date(s): 2022-12-05 Florida 15000 -Prediction Interval 10000 -95% 5000 -Truth Observed Data (HealthData) Georgia Incident Hospitalizations Model 6000 -CEPH-Rtrend fluH NIH-Flu ARIMA CMU-TimeSeries PSI-DICE 4000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 2000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq Hawaii LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC IDD-InfluPaint 900 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 600 -MOBS-GLEAM_FLUH 300 -Dec 01 Nov 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Idaho, Illinois, Indiana Selected forecast date(s): 2022-12-05 Idaho 2000 -1500 -Model 1000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries PSI-DICE 500 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG Illinois ISU NiemiLab-Flu SigSci-TSENS 12500 -JHU IDD-CovidSP UGA flucast-OKeeffe 10000 -LosAlamos NAU-CModel Flu UMass-gbg 7500 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 5000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 2500 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Indiana 15000 -95%

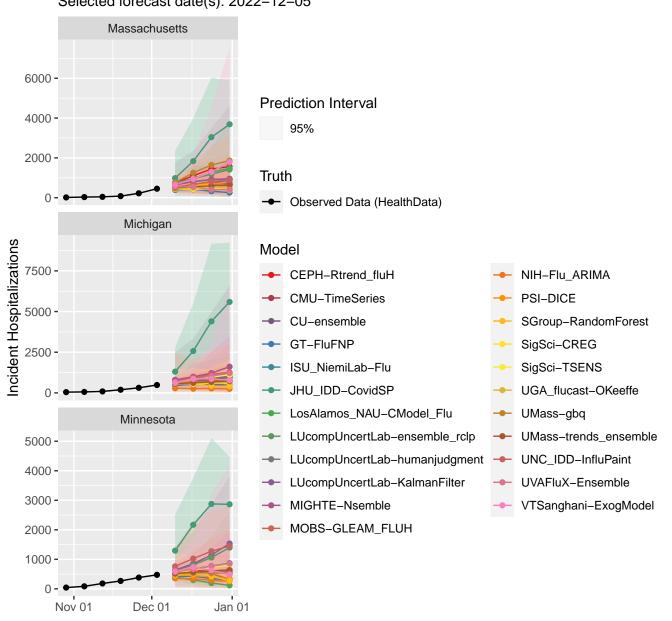


Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Iowa, Kansas, Kentucky Selected forecast date(s): 2022-12-05 Iowa 2000 -Model CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 1000 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG Kansas ISU NiemiLab-Flu SigSci-TSENS 4000 Incident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe 3000 -LosAlamos NAU-CModel Flu UMass-gbg LUcompUncertLab-ensemble_rclp UMass-trends ensemble 2000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 1000 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Kentucky 95% 6000 -Truth 4000 -Observed Data (HealthData)



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maine, Maryland Selected forecast date(s): 2022-12-05 Louisiana 3000 -2000 -Prediction Interval 95% 1000 -Truth Observed Data (HealthData) Maine Incident Hospitalizations Model 6000 -CEPH-Rtrend fluH NIH-Flu_ARIMA CMU-TimeSeries PSI-DICE 4000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 2000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq Maryland LUcompUncertLab-ensemble_rclp UMass-trends ensemble 4000 -LUcompUncertLab-humanjudgment UNC IDD-InfluPaint 3000 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 2000 -MOBS-GLEAM_FLUH 1000 -Dec 01 Jan 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Massachusetts, Michigan, Minnesota Selected forecast date(s): 2022–12–05



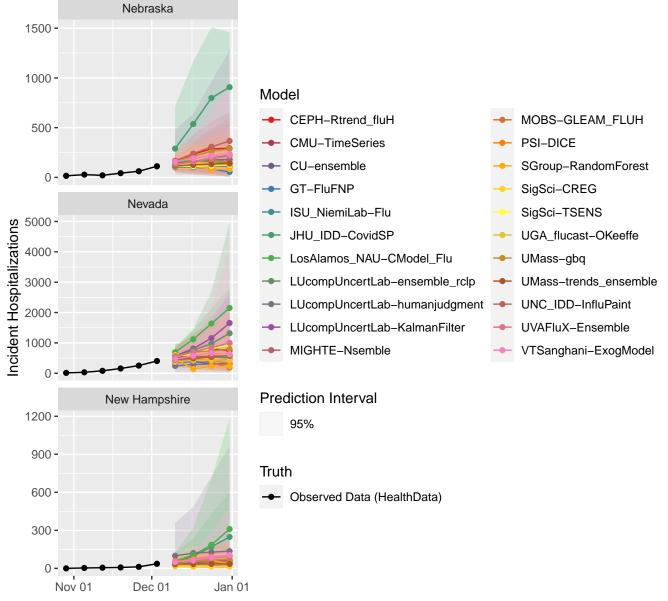
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Mississippi, Missouri, Montana Selected forecast date(s): 2022-12-05 Mississippi 2000 -1500 -Model 1000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries PSI-DICE 500 -CU-ensemble SGroup-RandomForest 0 -GT-FluFNP SigSci-CREG Missouri ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations 15000 -JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 0000 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 5000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Montana 1000 -95% 750 -Truth 500 -Observed Data (HealthData) 250 -

Dec 01

Nov 01

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

Selected forecast date(s): 2022–12–05



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-12-05 **New Jersey** 15000 -10000 -Prediction Interval 95% 5000 -Truth Observed Data (HealthData) New Mexico 4000 -Incident Hospitalizations Model CEPH-Rtrend fluH NIH-Flu ARIMA 3000 -CMU-TimeSeries PSI-DICE 2000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 1000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq New York LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC IDD-InfluPaint 15000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 10000 -MIGHTE-Nsemble VTSanghani-ExogModel MOBS-GLEAM_FLUH 5000 -

Dec 01

Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-12-05 North Carolina 7500 -Prediction Interval 5000 -95% 2500 -Truth Observed Data (HealthData) North Dakota Incident Hospitalizations Model CEPH-Rtrend fluH NIH-Flu ARIMA 1000 -CMU-TimeSeries PSI-DICE SGroup-RandomForest CU-ensemble 500 -GT-FluFNP SigSci-CREG ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq Ohio LUcompUncertLab-ensemble_rclp UMass-trends ensemble 20000 -LUcompUncertLab-humanjudgment UNC IDD-InfluPaint 15000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter MIGHTE-Nsemble VTSanghani-ExogModel 10000 -MOBS-GLEAM_FLUH 5000 -Dec 01 Jan 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2022-12-05 Oklahoma 20000 -15000 -Model 10000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries 5000 -NIH-Flu_ARIMA PSI-DICE CU-ensemble GT-FluFNP SGroup-RandomForest Oregon ISU NiemiLab-Flu SigSci-CREG 10000 -Incident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 7500 -LUcompUncertLab-ensemble rclp UMass-trends ensemble 5000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 2500 **-**MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Pennsylvania 95% 15000 -Truth 10000 -Observed Data (HealthData) 5000 -

Dec 01

Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-12-05 Rhode Island 1200 -900 -Model 600 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 300 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG South Carolina ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations 3000 -JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 2000 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 1000 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 0 Prediction Interval South Dakota 800 -95% 600 -Truth 400 -Observed Data (HealthData)

200 -

Nov 01

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Tennessee, Texas, Utah Selected forecast date(s): 2022-12-05 Tennessee 5000 -4000 -Prediction Interval 3000 -95% 2000 -1000 -Truth Observed Data (HealthData) Texas 20000 ncident Hospitalizations Model CEPH-Rtrend fluH NIH-Flu_ARIMA 15000 -CMU-TimeSeries PSI-DICE 10000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 5000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq Utah LUcompUncertLab-ensemble_rclp UMass-trends ensemble 2000 -LUcompUncertLab-humanjudgment UNC IDD-InfluPaint UVAFluX-Ensemble 1500 -LUcompUncertLab-KalmanFilter MIGHTE-Nsemble VTSanghani-ExogModel 1000 -MOBS-GLEAM_FLUH 500 -Dec 01 Nov 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Vermont, Virginia, Washington Selected forecast date(s): 2022-12-05 Vermont 2500 -2000 -1500 -Model 1000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries PSI-DICE 500 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG Virginia ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations 6000 -JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 4000 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 2000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Washington 12000 -95% 9000 -Truth 6000 -Observed Data (HealthData) 3000 -

Dec 01

Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-12-05 West Virginia 2000 -1500 -Model 1000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries PSI-DICE 500 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG Wisconsin ISU NiemiLab-Flu SigSci-TSENS Incident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe 10000 -LosAlamos NAU-CModel Flu UMass-gbg 7500 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 5000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 2500 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Wyoming 800 -95% 600 -Truth 400 -Observed Data (HealthData) 200 -Dec 01 Jan 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States Selected forecast date(s): 2022-12-05 Puerto Rico 2000 -Prediction Interval 95% 1000 -Truth Observed Data (HealthData) **United States** Incident Hospitalizations 6e+05 -Model CEPH-Rtrend fluH NIH-Flu ARIMA 4e+05 **-**CMU-TimeSeries PSI-DICE SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG 2e+05 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 0e+00 LosAlamos NAU-CModel Flu UGuelph-FluPLUG Virgin Islands LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends ensemble 60 -LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 40 -MOBS-GLEAM_FLUH VTSanghani-ExogModel 20 -Dec 01 Nov 01 Jan 01