Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Arizona, Alaska Selected forecast date(s): 2022-11-28 Prediction Interval Alabama 95% 2000 -Truth 1500 -Observed Data (HealthData) 1000 -Model 500 -CEID-Walk 0 -CEPH-Rtrend_fluH Alaska CMU-TimeSeries Incident Hospitalizations CU-ensemble GT-FluFNP 400 -ISU_NiemiLab-Flu JHU_IDD-CovidSP 200 -LUcompUncertLab-experthuman LUcompUncertLab-humanjudgment LUcompUncertLab-KalmanFilter 0 MIGHTE-Nsemble Arizona MOBS-GLEAM_FLUH PSI-DICE 6000 -SGroup-RandomForest SigSci-CREG 4000 -SigSci-TSENS 2000 -UGA flucast-OKeeffe UMass-trends_ensemble

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UVAFluX-Ensemble

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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2022-11-28 Arkansas 4000 -3000 -Model 2000 -MIGHTE-Nsemble CADPH-FluCAT Ensemble 1000 -CEID-Walk MOBS-GLEAM_FLUH CEPH-Rtrend_fluH NIH-Flu_ARIMA CMU-TimeSeries PSI-DICE California CU-ensemble SGroup-RandomForest Incident Hospitalizations GT-FluFNP SigSci-CREG ISU NiemiLab-Flu SigSci-TSENS 40000 -UGA flucast-OKeeffe JHU IDD-CovidSP LUcompUncertLab-experthuman UMass-trends_ensemble 20000 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel Prediction Interval Colorado 95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Nov 01

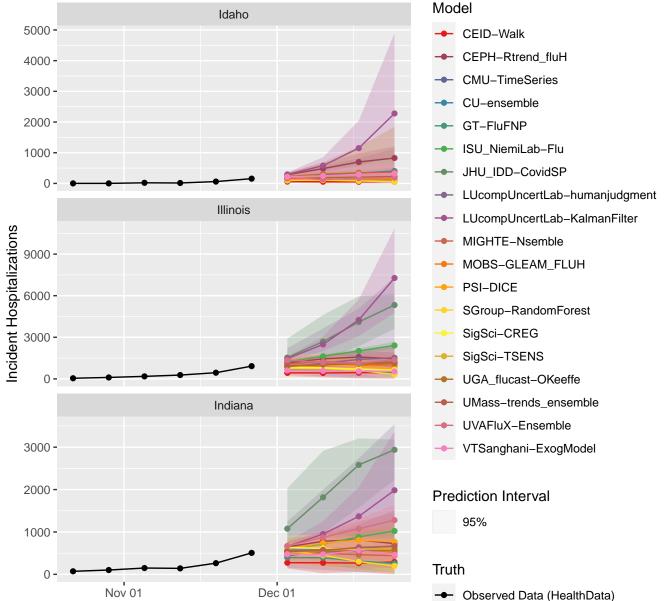
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, District of Columbia, Delaware Selected forecast date(s): 2022-11-28 Prediction Interval Connecticut 95% 2000 -Model 1500 - CEID–Walk CEPH-Rtrend_fluH 1000 -CMU-TimeSeries 500 -CU-ensemble 0 -GT-FluFNP Delaware ISU_NiemiLab-Flu 500 -Incident Hospitalizations JHU_IDD-CovidSP LUcompUncertLab-humanjudgment 400 -LUcompUncertLab-KalmanFilter 300 -MIGHTE-Nsemble 200 -MOBS-GLEAM_FLUH 100 -NIH-Flu_ARIMA PSI-DICE 0 SGroup-RandomForest District of Columbia SigSci-CREG 400 -SigSci-TSENS 300 -UGA flucast-OKeeffe UMass-trends_ensemble 200 -UVAFluX-Ensemble VTSanghani-ExogModel 100 -0 -Truth Nov 01 Dec 01

Observed Date (Health Date)

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Hawaii, Georgia, Florida Selected forecast date(s): 2022-11-28 Florida 8000 -6000 -Prediction Interval 4000 -95% 2000 -Truth Observed Data (HealthData) Georgia Incident Hospitalizations Model 7500 -CEID-Walk MOBS-GLEAM_FLUH 5000 -CEPH-Rtrend_fluH NIH-Flu_ARIMA CMU-TimeSeries PSI-DICE 2500 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG ISU_NiemiLab-Flu SigSci-TSENS Hawaii JHU_IDD-CovidSP UGA_flucast-OKeeffe LUcompUncertLab-experthuman UMass-trends_ensemble 600 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 400 -MIGHTE-Nsemble 200 -Nov 01 Dec 01

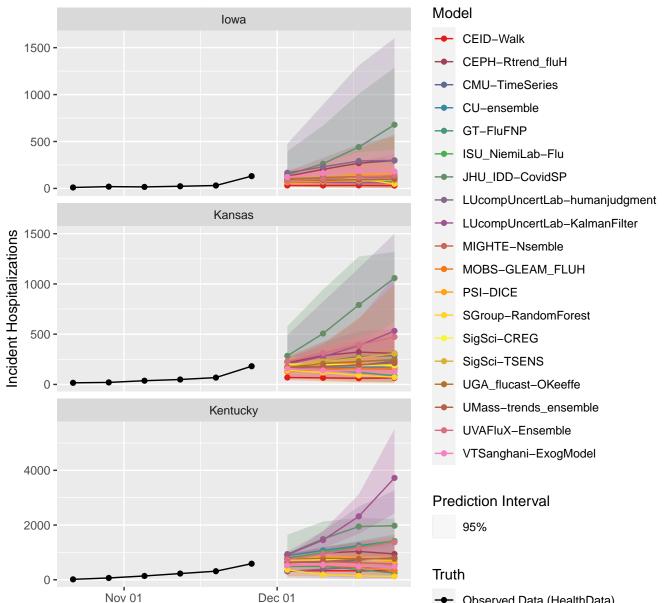
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Indiana, Illinois, Idaho

Selected forecast date(s): 2022–11–28



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

Selected forecast date(s): 2022-11-28



Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maryland, Maine Selected forecast date(s): 2022-11-28 Prediction Interval Louisiana 95% 2000 -Model 1500 -CEID-Walk 1000 -CEPH-Rtrend_fluH CMU-TimeSeries 500 -CU-ensemble 0 -GT-FluFNP Maine ISU_NiemiLab-Flu ncident Hospitalizations JHU_IDD-CovidSP 600 -LUcompUncertLab-humanjudgment LUcompUncertLab-KalmanFilter 400 -MIGHTE-Nsemble MOBS-GLEAM_FLUH 200 -NIH-Flu_ARIMA PSI-DICE 0 -SGroup-RandomForest Maryland SigSci-CREG 12000 -SigSci-TSENS 9000 -UGA flucast-OKeeffe UMass-trends_ensemble 6000 -UVAFluX-Ensemble VTSanghani-ExogModel 3000 -Truth Nov 01 Dec 01

Observed Date (Health Date)

Weekly Influenza Incident Hospitalizations: observed and forecasted

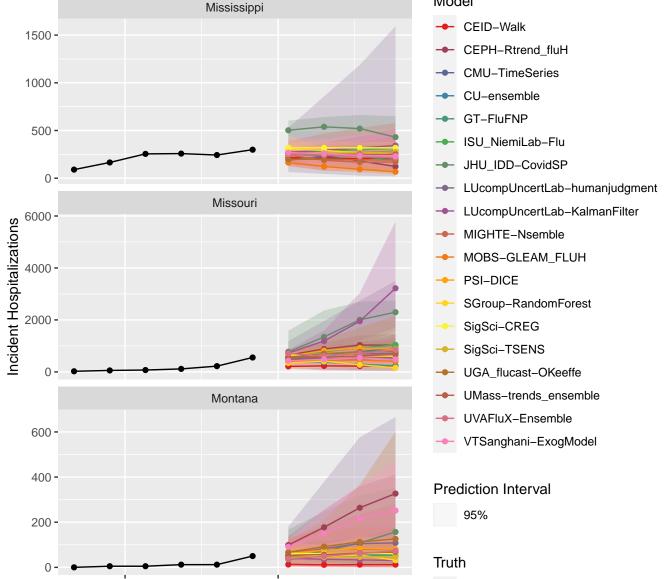
Selected location(s): Minnesota, Michigan, Massachusetts Selected forecast date(s): 2022-11-28 Prediction Interval Massachusetts 95% 3000 -Model CEID–Walk 2000 -CEPH-Rtrend_fluH CMU-TimeSeries 1000 -CU-ensemble GT-FluFNP Michigan ISU_NiemiLab-Flu Incident Hospitalizations JHU_IDD-CovidSP 6000 -LUcompUncertLab-humanjudgment LUcompUncertLab-KalmanFilter 4000 -MIGHTE-Nsemble MOBS-GLEAM_FLUH 2000 -NIH-Flu_ARIMA PSI-DICE 0 SGroup-RandomForest Minnesota SigSci-CREG 4000 -SigSci-TSENS 3000 -UGA flucast-OKeeffe UMass-trends_ensemble 2000 -UVAFluX-Ensemble VTSanghani-ExogModel 1000 -0 -Truth

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Observed Date (Health Date)

Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Montana, Missouri, Mississippi Selected forecast date(s): 2022–11–28 Model



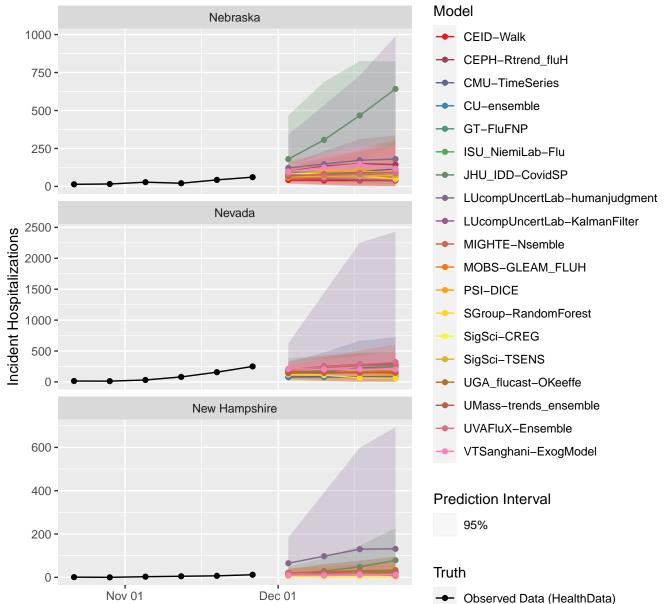
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Observed Data (HealthData)

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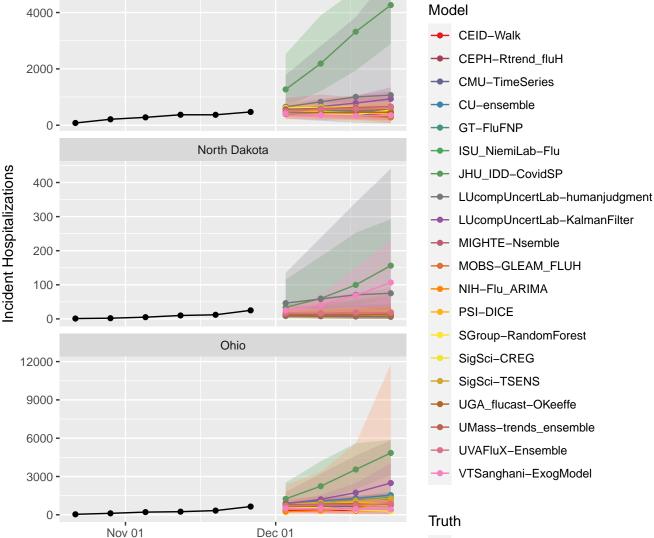
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nevada, Nebraska, New Hampshire

Selected forecast date(s): 2022–11–28



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-11-28 **New Jersey** 4000 -3000 -Prediction Interval 2000 -95% 1000 -Truth Observed Data (HealthData) **New Mexico** Incident Hospitalizations 4000 -Model 3000 -CEID-Walk MOBS-GLEAM_FLUH CEPH-Rtrend_fluH NIH-Flu_ARIMA 2000 -CMU-TimeSeries PSI-DICE SGroup-RandomForest 1000 -CU-ensemble GT-FluFNP SigSci-CREG ISU_NiemiLab-Flu SigSci-TSENS New York JHU_IDD-CovidSP UGA_flucast-OKeeffe LUcompUncertLab-experthuman UMass-trends_ensemble 15000 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 10000 -MIGHTE-Nsemble 5000 -Dec 01 Nov 01

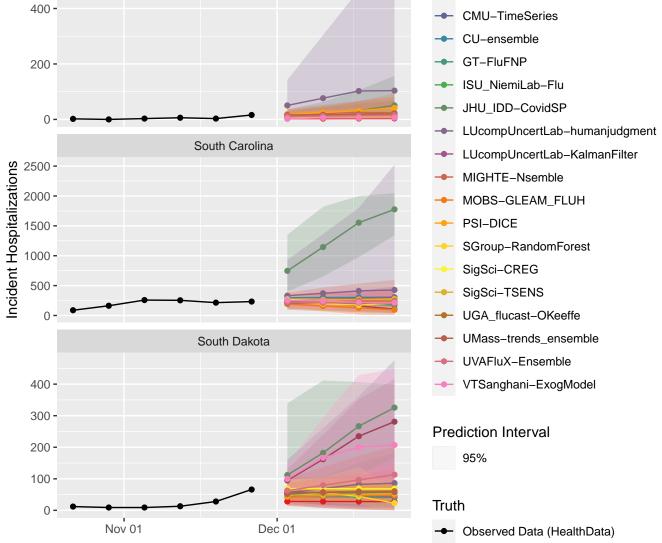
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-11-28 Prediction Interval North Carolina 95% Model CEID–Walk CEPH-Rtrend_fluH CMU-TimeSeries CU-ensemble GT-FluFNP North Dakota ISU_NiemiLab-Flu JHU_IDD-CovidSP 400 -300 -



Observed Date (Health Date)

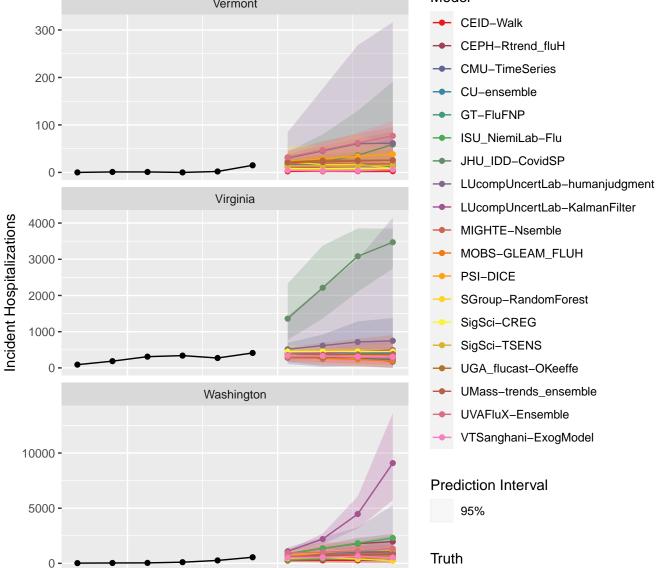
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2022-11-28 Oklahoma 3000 -2000 -Prediction Interval 95% 1000 -Truth Observed Data (HealthData) Oregon ncident Hospitalizations 15000 -Model CEID-Walk MOBS-GLEAM_FLUH 0000 -CEPH-Rtrend_fluH NIH-Flu_ARIMA PSI-DICE CMU-TimeSeries 5000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG ISU_NiemiLab-Flu SigSci-TSENS Pennsylvania JHU_IDD-CovidSP UGA_flucast-OKeeffe 6000 -LUcompUncertLab-experthuman UMass-trends_ensemble LUcompUncertLab-humanjudgment UVAFluX-Ensemble 4000 -LUcompUncertLab-KalmanFilter VTSanghani-ExogModel MIGHTE-Nsemble 2000 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-11-28 Model Rhode Island CEID-Walk CEPH-Rtrend_fluH 400 -CMU-TimeSeries CU-ensemble GT-FluFNP 200 -ISU_NiemiLab-Flu JHU_IDD-CovidSP LUcompUncertLab-humanjudgment South Carolina LUcompUncertLab-KalmanFilter 2500 -MIGHTE-Nsemble 2000 -MOBS-GLEAM FLUH PSI-DICE 1500 -SGroup-RandomForest 1000 -SigSci-CREG 500 -SigSci-TSENS 0 UGA flucast-OKeeffe UMass-trends_ensemble South Dakota UVAFluX-Ensemble 400 -VTSanghani-ExogModel



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Texas, Tennessee, Utah Selected forecast date(s): 2022-11-28 Tennessee 6000 -Prediction Interval 4000 -95% 2000 -Truth Observed Data (HealthData) Texas ncident Hospitalizations Model 10000 -CEID-Walk MOBS-GLEAM_FLUH CEPH-Rtrend_fluH NIH-Flu_ARIMA CMU-TimeSeries PSI-DICE 5000 -SGroup-RandomForest CU-ensemble GT-FluFNP SigSci-CREG ISU_NiemiLab-Flu SigSci-TSENS Utah JHU_IDD-CovidSP UGA_flucast-OKeeffe 1500 -LUcompUncertLab-experthuman UMass-trends_ensemble LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 1000 -MIGHTE-Nsemble 500 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Washington, Virginia, Vermont Selected forecast date(s): 2022–11–28 Vermont Model CEID-Walk



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Observed Data (HealthData)

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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-11-28 Model West Virginia CEID-Walk 900 -CEPH-Rtrend_fluH CMU-TimeSeries 600 -CU-ensemble GT-FluFNP 300 -ISU_NiemiLab-Flu JHU_IDD-CovidSP 0 - LUcompUncertLab-humanjudgment Wisconsin LUcompUncertLab-KalmanFilter Incident Hospitalizations 3000 -MIGHTE-Nsemble MOBS-GLEAM FLUH 2000 -PSI-DICE SGroup-RandomForest 1000 -SigSci-CREG SigSci-TSENS 0 UGA flucast-OKeeffe UMass-trends_ensemble Wyoming 400 -UVAFluX-Ensemble VTSanghani-ExogModel 300 -Prediction Interval 200 -95% 100 -Truth 0 -Nov 01 Dec 01 Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States Selected forecast date(s): 2022-11-28 Prediction Interval Puerto Rico 95% 1500 -Truth Observed Data (HealthData) 1000 -500 -Model CEID-Walk 0 -CEPH-Rtrend_fluH **United States** CMU-TimeSeries 2000000 -Incident Hospitalizations CU-ensemble GT-FluFNP 1500000 -ISU_NiemiLab-Flu 1000000 -JHU_IDD-CovidSP LUcompUncertLab-humanjudgment 500000 -LUcompUncertLab-KalmanFilter MIGHTE-Nsemble 0 MOBS-GLEAM_FLUH Virgin Islands NIH-Flu_ARIMA PSI-DICE 40 -SGroup-RandomForest SigSci-CREG UGA_flucast-OKeeffe 20 -UGuelph-FluPLUG UMass-trends_ensemble 0 -UVAFluX-Ensemble Dec 01 Nov 01

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