Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Alaska, Arizona Selected forecast date(s): 2022-12-19 Alabama 2500 -2000 -1500 -Model 1000 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH CMU-TimeSeries PSI-DICE 500 -CU-ensemble SGroup-RandomForest 0 GT-FluFNP SigSci-CREG Alaska ISU NiemiLab-Flu SigSci-TSENS Incident Hospitalizations 400 -JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 300 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble 200 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 100 -MIGHTE-Nsemble Prediction Interval Arizona 95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -

Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2022-12-19 Arkansas 1500 -1000 -Model CADPH-FluCAT Ensemble MOBS-GLEAM FLUH 500 -CEPH-Rtrend fluH NIH-Flu ARIMA CMU-TimeSeries PSI-DICE 0 -CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG California ISU_NiemiLab-Flu SigSci-TSENS 20000 ncident Hospitalizations JHU_IDD-CovidSP UGA_flucast-OKeeffe 15000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble 10000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 5000 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble Colorado Prediction Interval 3000 -95% 2000 -Truth Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, Delaware, District of Columbia Selected forecast date(s): 2022-12-19 Connecticut 2000 -1500 -Prediction Interval 1000 -95% 500 -Model CEPH-Rtrend fluH MOBS-GLEAM FLUH Delaware CMU-TimeSeries NIH-Flu ARIMA Incident Hospitalizations 400 -CU-ensemble PSI-DICE SGroup-RandomForest GT-FluFNP 300 -ISU_NiemiLab-Flu SigSci-CREG 200 -JHU_IDD-CovidSP SigSci-TSENS LosAlamos NAU-CModel Flu UGA flucast-OKeeffe 100 -LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble District of Columbia LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint 300 -MIGHTE-Nsemble UVAFluX-Ensemble Truth 200 -Observed Data (HealthData) 100 -0 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Florida, Georgia, Hawaii Selected forecast date(s): 2022-12-19 Florida 9000 -Prediction Interval 6000 -95% 3000 -Model CEPH-Rtrend fluH MOBS-GLEAM FLUH Georgia CMU-TimeSeries NIH-Flu ARIMA ncident Hospitalizations CU-ensemble PSI-DICE 4000 **-**SGroup-RandomForest GT-FluFNP ISU_NiemiLab-Flu SigSci-CREG JHU_IDD-CovidSP SigSci-TSENS 2000 -LosAlamos NAU-CModel Flu UGA flucast-OKeeffe LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Hawaii LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint 800 -MIGHTE-Nsemble UVAFluX-Ensemble 600 -Truth 400 -Observed Data (HealthData) 200 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Idaho, Illinois, Indiana Selected forecast date(s): 2022-12-19 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 Incident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe 6000 -LosAlamos NAU-CModel Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends ensemble 4000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter 2000 -UVAFluX-Ensemble MIGHTE-Nsemble Prediction Interval Indiana 95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Iowa, Kansas, Kentucky Selected forecast date(s): 2022-12-19 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 ncident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 1000 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 500 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble Prediction Interval Kentucky 95% 2000 -Truth 1500 -Observed Data (HealthData) 1000 -500 0 -Jan 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maine, Maryland Selected forecast date(s): 2022-12-19 Louisiana 2000 -1500 -Prediction Interval 1000 -95% 500 -Model 0 -CEPH-Rtrend fluH MOBS-GLEAM FLUH Maine CMU-TimeSeries NIH-Flu ARIMA 2500 -Incident Hospitalizations CU-ensemble PSI-DICE 2000 -SGroup-RandomForest GT-FluFNP 1500 -ISU_NiemiLab-Flu SigSci-CREG JHU_IDD-CovidSP SigSci-TSENS 1000 -LosAlamos NAU-CModel Flu UGA flucast-OKeeffe 500 -LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Maryland LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 3000 -Truth 2000 -Observed Data (HealthData) 1000 -

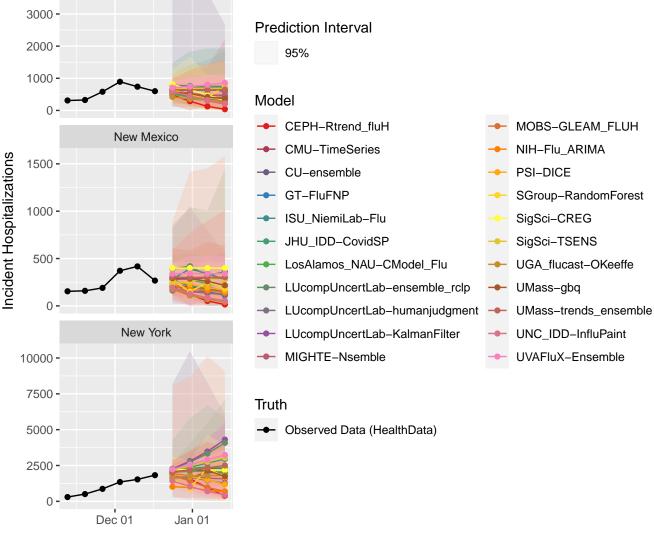
Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Massachusetts, Michigan, Minnesota Selected forecast date(s): 2022-12-19 Massachusetts 4000 -3000 -Prediction Interval 2000 -95% 1000 -Model CEPH-Rtrend fluH MOBS-GLEAM FLUH Michigan 12000 CMU-TimeSeries NIH-Flu ARIMA ncident Hospitalizations CU-ensemble PSI-DICE 9000 -SGroup-RandomForest GT-FluFNP ISU_NiemiLab-Flu SigSci-CREG 6000 -JHU_IDD-CovidSP SigSci-TSENS LosAlamos NAU-CModel Flu UGA flucast-OKeeffe 3000 -LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Minnesota LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint 3000 -MIGHTE-Nsemble UVAFluX-Ensemble 2000 -Truth Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Mississippi, Missouri, Montana Selected forecast date(s): 2022-12-19 Mississippi 1500 -1000 -Model CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 500 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest 0 -GT-FluFNP SigSci-CREG Missouri ISU NiemiLab-Flu SigSci-TSENS ncident 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 LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 1000 -MIGHTE-Nsemble Prediction Interval Montana 600 -95% 400 -Truth Observed Data (HealthData) 200 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nebraska, Nevada, New Hampshire Selected forecast date(s): 2022-12-19 Nebraska 1500 -1000 -Model CEPH-Rtrend_fluH MOBS-GLEAM FLUH 500 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG Nevada ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe 1500 **-**LosAlamos NAU-CModel Flu UMass-gbg LUcompUncertLab-ensemble rclp UMass-trends ensemble 1000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 500 -MIGHTE-Nsemble Prediction Interval New Hampshire 95% 600 -Truth 400 -Observed Data (HealthData) 200 -Jan 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-12-19 **New Jersey** 4000 -Prediction Interval 95% Model 0 -CEPH-Rtrend fluH MOBS-GLEAM FLUH **New Mexico** CMU-TimeSeries NIH-Flu ARIMA CU-ensemble PSI-DICE SGroup-RandomForest GT-FluFNP ISU_NiemiLab-Flu SigSci-CREG JHU_IDD-CovidSP SigSci-TSENS



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-12-19 North Carolina 6000 -4000 -Prediction Interval 95% 2000 -Model CEPH-Rtrend fluH MOBS-GLEAM FLUH North Dakota CMU-TimeSeries NIH-Flu ARIMA 800 -Incident Hospitalizations CU-ensemble PSI-DICE 600 -SGroup-RandomForest GT-FluFNP ISU NiemiLab-Flu SigSci-CREG 400 -JHU IDD-CovidSP SigSci-TSENS LosAlamos NAU-CModel Flu UGA flucast-OKeeffe 200 -LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Ohio LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 15000 -Truth 10000 -Observed Data (HealthData) 5000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2022-12-19 Oklahoma 3000 -2000 -Prediction Interval 95% 1000 -Model CEPH-Rtrend fluH MOBS-GLEAM FLUH Oregon CMU-TimeSeries NIH-Flu ARIMA Incident Hospitalizations CU-ensemble PSI-DICE 2000 -SGroup-RandomForest GT-FluFNP SigSci-CREG ISU_NiemiLab-Flu JHU_IDD-CovidSP SigSci-TSENS 1000 -LosAlamos NAU-CModel Flu UGA flucast-OKeeffe LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Pennsylvania LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 6000 -Truth 4000 -Observed Data (HealthData) 2000 -Dec 01 Jan 01

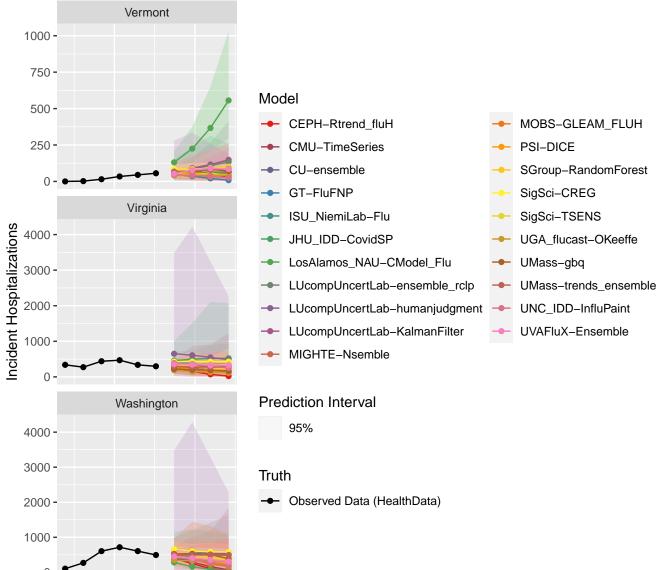
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-12-19 Rhode Island 400 -Model CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 200 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest GT-FluFNP SigSci-CREG South Carolina ISU NiemiLab-Flu SigSci-TSENS ncident Hospitalizations 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 0 -Prediction Interval South Dakota 95% 500 -400 -Truth 300 -Observed Data (HealthData) 200 -100 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Tennessee, Texas, Utah Selected forecast date(s): 2022-12-19 Tennessee 3000 -2000 -Prediction Interval 95% 1000 -Model 0 -CEPH-Rtrend fluH MOBS-GLEAM FLUH Texas CMU-TimeSeries NIH-Flu ARIMA ncident Hospitalizations 15000 -CU-ensemble PSI-DICE SGroup-RandomForest GT-FluFNP 0000 -ISU_NiemiLab-Flu SigSci-CREG JHU_IDD-CovidSP SigSci-TSENS 5000 -LosAlamos NAU-CModel Flu UGA flucast-OKeeffe LUcompUncertLab-ensemble_rclp UMass-gbq LUcompUncertLab-humanjudgment UMass-trends_ensemble Utah LUcompUncertLab-KalmanFilter UNC_IDD-InfluPaint MIGHTE-Nsemble UVAFluX-Ensemble 1500 -Truth 1000 -Observed Data (HealthData) 500 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Vermont, Virginia, Washington

Selected forecast date(s): 2022–12–19

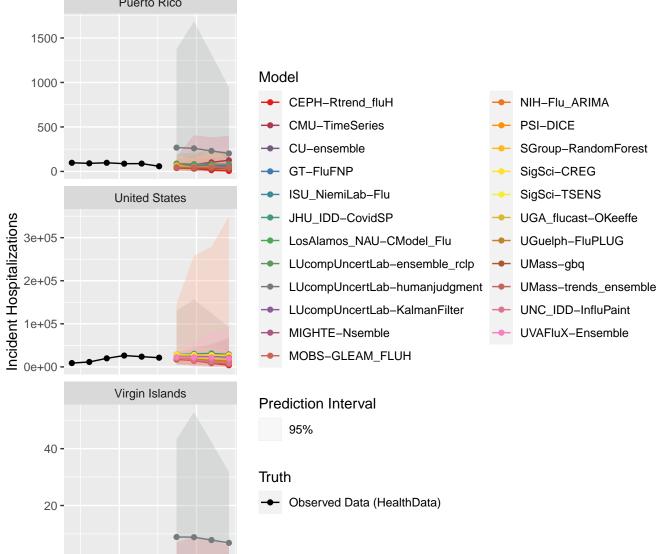
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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-12-19 West Virginia 800 -600 -Model 400 -CEPH-Rtrend_fluH MOBS-GLEAM_FLUH 200 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest 0 GT-FluFNP SigSci-CREG Wisconsin ISU NiemiLab-Flu SigSci-TSENS 3000 ncident Hospitalizations JHU IDD-CovidSP UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbg 2000 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint 000 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble Prediction Interval Wyoming 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States Selected forecast date(s): 2022–12–19

Puerto Rico



Dec 01