Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Arizona, Alaska Selected forecast date(s): 2022-12-12 Alabama 3000 -2000 -Prediction Interval 95% 1000 -Model 0 -CEID-Walk MOBS-GLEAM FLUH Alaska PSI-DICE CEPH-Rtrend fluH Incident Hospitalizations 500 -CMU-TimeSeries SGroup-RandomForest 400 -SigSci-CREG CU-ensemble 300 -GT-FluFNP SigSci-TSENS ISU NiemiLab-Flu UGA flucast-OKeeffe 200 -LosAlamos NAU-CModel Flu UMass-gbq 100 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Arizona LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Jan 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2022-12-12 Arkansas 1500 -Model 1000 -CADPH-FluCAT Ensemble MOBS-GLEAM FLUH CEID-Walk NIH-Flu ARIMA 500 -CEPH-Rtrend fluH PSI-DICE CMU-TimeSeries 0 -SGroup-RandomForest CU-ensemble SigSci-CREG California 25000 -SigSci-TSENS ncident Hospitalizations GT-FluFNP ISU_NiemiLab-Flu UGA_flucast-OKeeffe 20000 -LosAlamos_NAU-CModel_Flu UMass-gbq 15000 -LUcompUncertLab-ensemble_rclp UMass-trends_ensemble 10000 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 5000 -MIGHTE-Nsemble VTSanghani-ExogModel Colorado Prediction Interval 4000 -95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, District of Columbia, Delaware Selected forecast date(s): 2022-12-12 Connecticut 4000 -3000 -Prediction Interval 2000 -95% 1000 -Model CEID-Walk NIH-Flu_ARIMA Delaware CEPH-Rtrend_fluH PSI-DICE Incident Hospitalizations 500 -CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 400 -GT-FluFNP SigSci-TSENS 300 -ISU_NiemiLab-Flu UGA flucast-OKeeffe 200 -LosAlamos_NAU-CModel_Flu UMass-gbq 100 -LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble District of Columbia MIGHTE-Nsemble VTSanghani-ExogModel 400 -MOBS-GLEAM_FLUH 300 -Truth 200 -Observed Data (HealthData) 100 -0 -Dec 01 Jan 01

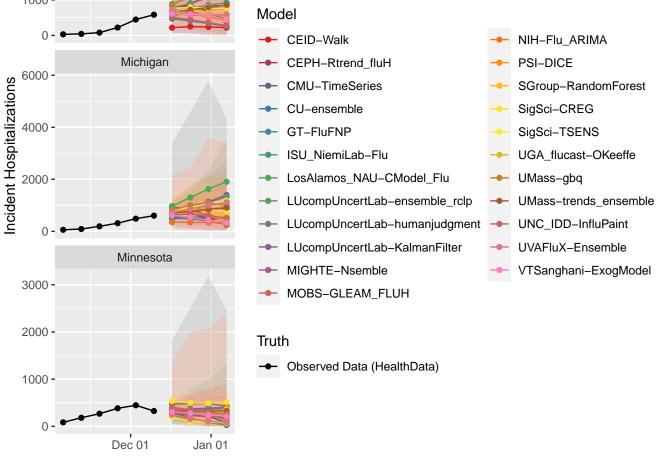
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Hawaii, Georgia, Florida Selected forecast date(s): 2022-12-12 Florida 10000 -Prediction Interval 95% 5000 -Model CEID-Walk NIH-Flu_ARIMA Georgia CEPH-Rtrend_fluH PSI-DICE Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 4000 -GT-FluFNP SigSci-TSENS ISU_NiemiLab-Flu UGA flucast-OKeeffe 2000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble Hawaii MIGHTE-Nsemble VTSanghani-ExogModel MOBS-GLEAM_FLUH 600 -400 -Truth Observed Data (HealthData) 200 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Indiana, Illinois, Idaho Selected forecast date(s): 2022-12-12 Idaho 1250 -1000 -750 -Prediction Interval 500 -95% 250 -Model CEID-Walk MOBS-GLEAM FLUH Illinois PSI-DICE CEPH-Rtrend fluH 8000 -Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest 6000 -CU-ensemble SigSci-CREG GT-FluFNP SigSci-TSENS 4000 -ISU NiemiLab-Flu UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 2000 -LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Indiana LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 6000 -MIGHTE-Nsemble VTSanghani-ExogModel 4000 -Truth Observed Data (HealthData) 2000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Kansas, Iowa, Kentucky Selected forecast date(s): 2022-12-12 Iowa 2000 -1500 -Prediction Interval 1000 -95% 500 -Model CEID-Walk MOBS-GLEAM FLUH Kansas PSI-DICE CEPH-Rtrend fluH ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest 1500 -SigSci-CREG CU-ensemble GT-FluFNP SigSci-TSENS 1000 -ISU NiemiLab-Flu UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 500 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Kentucky LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 4000 -MIGHTE-Nsemble VTSanghani-ExogModel 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maryland, Maine Selected forecast date(s): 2022-12-12 Louisiana 2500 -2000 -Prediction Interval 1500 -95% 1000 -500 -Model 0 -CEID-Walk NIH-Flu_ARIMA Maine CEPH-Rtrend_fluH PSI-DICE ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest 1500 -CU-ensemble SigSci-CREG GT-FluFNP SigSci-TSENS 000 -ISU_NiemiLab-Flu UGA flucast-OKeeffe LosAlamos_NAU-CModel_Flu UMass-gbq 500 -LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble Maryland MIGHTE-Nsemble VTSanghani-ExogModel 4000 -MOBS-GLEAM_FLUH 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Minnesota, Michigan, Massachusetts Selected forecast date(s): 2022-12-12 Massachusetts 4000 -3000 -Prediction Interval 2000 -95% 1000 -Model CEID-Walk NIH-Flu_ARIMA Michigan CEPH-Rtrend_fluH PSI-DICE 6000 -CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 4000 -GT-FluFNP SigSci-TSENS ISU_NiemiLab-Flu UGA flucast-OKeeffe 2000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Montana, Missouri, Mississippi Selected forecast date(s): 2022-12-12 Mississippi 1500 -1000 -Prediction Interval 95% 500 -Model 0 CEID-Walk MOBS-GLEAM FLUH Missouri PSI-DICE CEPH-Rtrend fluH ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest SigSci-CREG CU-ensemble 4000 -GT-FluFNP SigSci-TSENS ISU NiemiLab-Flu UGA flucast-OKeeffe 2000 **-**LosAlamos NAU-CModel Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Montana LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 1250 -MIGHTE-Nsemble VTSanghani-ExogModel 1000 -Truth 750 -Observed Data (HealthData) 500 -250 -Jan 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nevada, Nebraska, New Hampshire Selected forecast date(s): 2022-12-12 Nebraska 1250 -1000 -750 -Prediction Interval 500 -95% 250 -Model CEID-Walk MOBS-GLEAM FLUH Nevada PSI-DICE CEPH-Rtrend fluH 2000 -Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest 1500 **-**SigSci-CREG CU-ensemble GT-FluFNP SigSci-TSENS 1000 -ISU NiemiLab-Flu UGA flucast-OKeeffe LosAlamos NAU-CModel Flu UMass-gbq 500 -LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint New Hampshire LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 1000 -Truth Observed Data (HealthData) 500 -

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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-12-12 **New Jersey** 6000 -4000 -Prediction Interval 95% 2000 -Model CEID-Walk NIH-Flu_ARIMA **New Mexico** CEPH-Rtrend_fluH PSI-DICE 3000 ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 2000 -GT-FluFNP SigSci-TSENS ISU_NiemiLab-Flu UGA flucast-OKeeffe 1000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble New York MIGHTE-Nsemble VTSanghani-ExogModel 12500 -MOBS-GLEAM_FLUH 10000 -7500 -Truth 5000 -Observed Data (HealthData) 2500 -Dec 01 Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-12-12 North Carolina 6000 -4000 -Prediction Interval 95% 2000 -Model CEID-Walk NIH-Flu_ARIMA North Dakota CEPH-Rtrend_fluH PSI-DICE ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest 600 -CU-ensemble SigSci-CREG GT-FluFNP SigSci-TSENS 400 -ISU NiemiLab-Flu UGA flucast-OKeeffe LosAlamos_NAU-CModel_Flu UMass-gbq 200 -LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble Ohio MIGHTE-Nsemble VTSanghani-ExogModel 20000 -MOBS-GLEAM_FLUH 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): 2022-12-12 Oklahoma 6000 -Prediction Interval 4000 -95% 2000 -Model CEID-Walk NIH-Flu_ARIMA Oregon CEPH-Rtrend_fluH PSI-DICE ncident Hospitalizations CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 4000 -GT-FluFNP SigSci-TSENS ISU_NiemiLab-Flu UGA flucast-OKeeffe 2000 -LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble Pennsylvania MIGHTE-Nsemble VTSanghani-ExogModel MOBS-GLEAM_FLUH 7500 -5000 -Truth Observed Data (HealthData) 2500 -

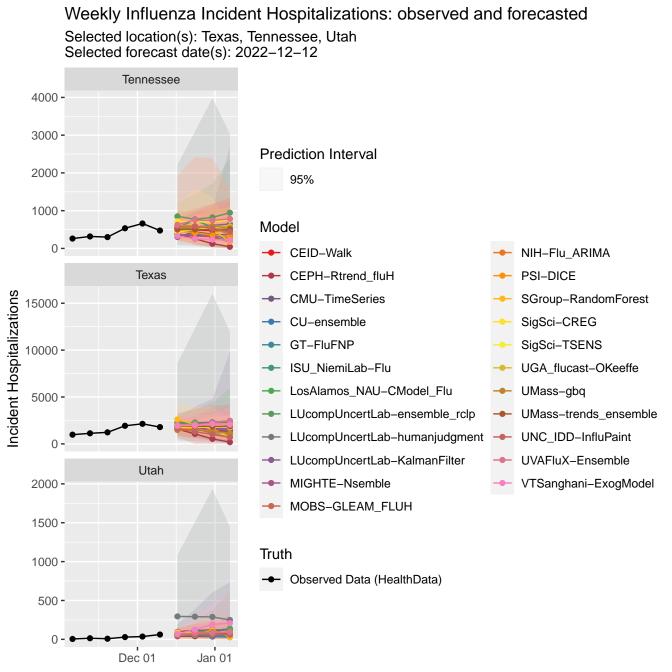
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Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-12-12 Rhode Island 900 -Prediction Interval 600 -95% 300 -Model CEID-Walk MOBS-GLEAM FLUH South Carolina PSI-DICE CEPH-Rtrend fluH 3000 -Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG 2000 -GT-FluFNP SigSci-TSENS ISU NiemiLab-Flu UGA flucast-OKeeffe 1000 -UMass-gbq LosAlamos NAU-CModel Flu LUcompUncertLab-ensemble_rclp UMass-trends ensemble 0 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint South Dakota LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel 750 -Truth 500 -Observed Data (HealthData) 250 -

Jan 01

Dec 01



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Washington, Virginia, Vermont Selected forecast date(s): 2022-12-12 Vermont 750 -500 -Prediction Interval 95% 250 -Model CEID-Walk MOBS-GLEAM FLUH Virginia PSI-DICE 5000 -CEPH-Rtrend fluH Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest 4000 -SigSci-CREG CU-ensemble 3000 -GT-FluFNP SigSci-TSENS ISU NiemiLab-Flu UGA flucast-OKeeffe 2000 -UMass-gbq LosAlamos NAU-CModel Flu 1000 -UMass-trends ensemble LUcompUncertLab-ensemble_rclp 0 LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Washington LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 5000 -MIGHTE-Nsemble VTSanghani-ExogModel 4000 -Truth 3000 -Observed Data (HealthData) 2000 -1000 -

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Jan 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-12-12 West Virginia 1500 -1000 -Prediction Interval 95% 500 -Model CEID-Walk MOBS-GLEAM FLUH Wisconsin CEPH-Rtrend fluH PSI-DICE Incident Hospitalizations CMU-TimeSeries SGroup-RandomForest 3000 -SigSci-CREG CU-ensemble GT-FluFNP SigSci-TSENS 2000 -ISU NiemiLab-Flu UGA flucast-OKeeffe 1000 -LosAlamos NAU-CModel Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint Wyoming LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 400 -MIGHTE-Nsemble VTSanghani-ExogModel 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): 2022-12-12 Puerto Rico 1500 -Model 1000 -CEID-Walk NIH-Flu ARIMA CEPH-Rtrend fluH PSI-DICE 500 -SGroup-RandomForest CMU-TimeSeries CU-ensemble SigSci-TSENS GT-FluFNP UGA flucast-OKeeffe **United States** 3e+07 ncident Hospitalizations ISU_NiemiLab-Flu UGuelph-FluPLUG LosAlamos_NAU-CModel_Flu UMass-gbq LUcompUncertLab-ensemble_rclp UMass-trends_ensemble 2e+07 -LUcompUncertLab-humanjudgment UNC_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble e+07 -MIGHTE-Nsemble VTSanghani-ExogModel MOBS-GLEAM_FLUH 0e+00 Virgin Islands Prediction Interval 60 -95% 40 -Truth Observed Data (HealthData) 20 -Dec 01 Jan 01