

**TABLE 1.** Comparison of Observed and Forecasted Activity by Forecast Target, All U.S. Surveillance Markets, 2-Week Forecasting Horizon

Forecast Target	Peak Activity				Peak Week			
	Observed Activity	Forecasted Activity			Observed Week	Difference Between Forecasted and Observed Week		
		ENSEMBLE	ENSEMBLE_TOP	ENSEMBLE_CNT		ENSEMBLE	ENSEMBLE_TOP	ENSEMBLE_CNT
MHS COVID-19 cases 100k/day	11.6	40.8	64.6	16.7	48	+6	+6	+2
Civilian COVID-19 cases 100k/day	23.3	46.3	18.9	20.3	51	+2	+3	0
MHS % ILI encounters	3.8%	4.2%	4.7%	3.2%	47	+2	+2	0
MHS % CLI encounters	4.5%	5.3%	5.7%	4.1%	52	+2	+2	+2
MHS % COVID-19 encounters	1.0%	2.0%	1.1%	1.0%	52	+2	+2	+2

Abbreviations: MHS, Military Health System; COVID-19, coronavirus disease 2019; k, 1,000; CLI, COVID-like illness; ILI, influenza-like illness.

COVID-19 case definition: Any positive laboratory result for SARS-CoV-2 or a confirmed COVID-19 reportable medical event

CLI encounter definition: Any of the following ICD-10 diagnosis codes in any diagnostic position: B34.2, B97.21, B97.29, J00, J06.9, J12.81, J12.89, J12.9, J16.8, J17, J18.0, J18.1, J18.8, J18.9, J20.8, J20.9, J40, J22, J80, R05, R50.9, R06.0, R06.00, R06.02, R06.03, R06.09, U07.1, R43.0, R43.2, J84.111

ILI encounter definition: Any of the following ICD-10 diagnosis codes in any diagnostic position: B97.89, H66.9, H66.90, H66.91, H66.92, H66.93, J00, J01.9, J01.90, J06.9, J09, J09.X, J09.X1, J09.X2, J09.X3, J09.X9, J10, J10.0, J10.00, J10.01, J10.08, J10.1, J10.2, J10.8, J10.81, J10.82, J10.83, J10.89, J11, J11.0, J11.00, J11.08, J11.1, J11.2, J11.8, J11.81, J11.82, J11.83, J11.89, J12.89, J12.9, J18, J18.1, J18.8, J18.9, J20.9, J22, J40, R05, R50.9

COVID-19 encounter definition: Any of the following ICD-9 or ICD-10 diagnosis codes in any diagnostic position: B97.29, U07.1, Z03.818, Z20.828, B34.2, J12.81, 079.82, 480.3, V01.82