DoD Consolidated Influenza Surveillance Report

Week 5 (31 Jan 2021 — 6 Feb 2021)













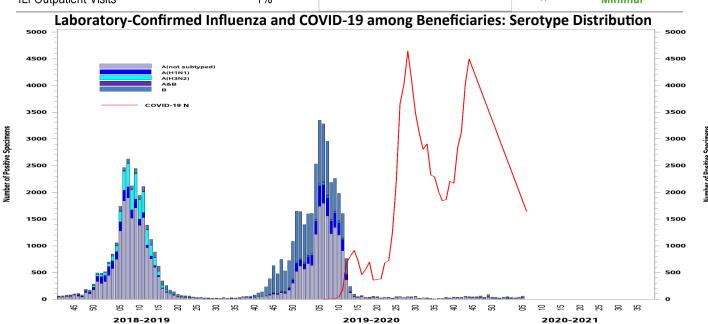


One Page Summary: Weekly Highlights

- Laboratory-confirmed influenza cases, dispensed antiviral prescription counts, and inpatient counts among all beneficiaries remained low.
- COVID-19 mitigation efforts are likely contributing to the lower than normal influenza activity levels.
- Among active component Service Members, laboratory-confirmed influenza cases and antiviral prescriptions remained low.
- ILI activity was minimal for the majority of installations.
- COVID-19 cases are accounting for >99% of all influenza and COVID-19 cases combined.
- There were no new laboratory-confirmed influenza hospitalizations reported for week 5 (Season total: 7).

Influenza Surveillance Indicators (2020-2021 season)

All Beneficiaries	Total Per Week	Trend	Activity Level
Laboratory Cases	60		Low
Dispensed Antivirals	35	4 >	Low
Severity			Activity Level
Inpatient Laboratory Cases	4	 4 >	Low
Inpatient Dispensed Antivirals	1	 4 >	Low
Active Component			Activity Level
Laboratory Cases	18		Low
Dispensed Antivirals	8	4>	Low
ILI Outpatient Visits	1%	 4 >	Minimal



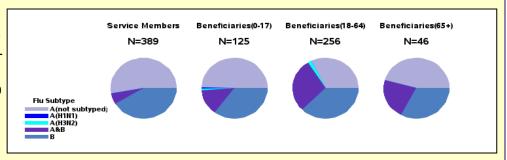
Disclaimer: Influenza lab data are not available from sites that have transitioned to MHS Genesis and encounter data may be delayed. Therefore, these sites are not included in the lab portion of this report and the accuracy of the activity levels may be impacted.

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Confirmed Influenza and COVID-19 Cases (2020-2021 Season: Week 5)

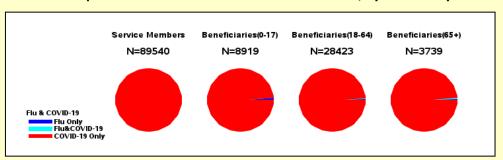
Number and Distribution of Influenza Positive Specimens since week 41, by Beneficiary Status and Serotype

The majority of positive specimens continued to be among Service Members (SM) (389). Influenza A (not subtyped) predominated among SM and beneficiaries (0-17), while the remaining beneficiaries had a relatively equal mix of subtypes.

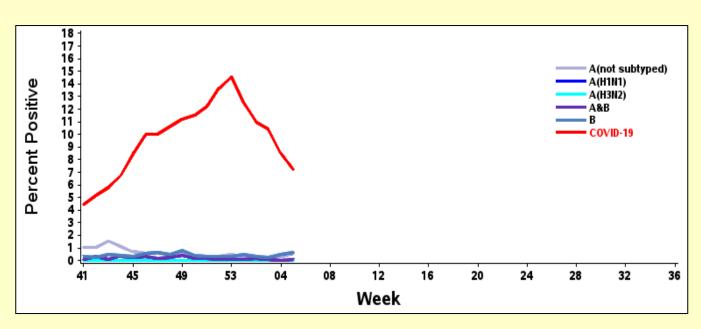


Number and Distribution of Influenza Positive Specimens and COVID-19 Cases since week 41, by Beneficiary Status

 COVID-19 cases continue to predominate among all beneficiary categories, representing >99% of the influenza and COVID-19 cases. The majority of COVID-19 cases since week 41 were among Service Members (89,540).



Percent of Specimens Positive for Influenza (by Serotype) or COVID-19



• The percent of specimens positive for influenza remained stable and very low. The percent of specimens positive for SARS-CoV-2 decreased to approximately 7% for week 5.

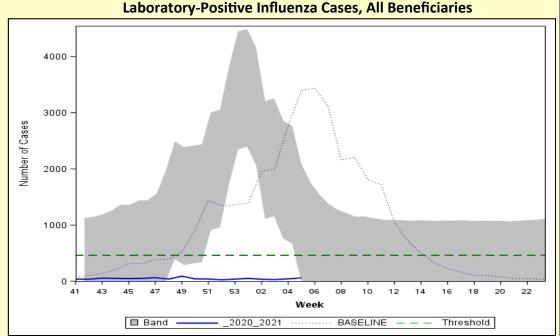
Disclaimer: Influenza lab data are not available from sites that have transitioned to MHS Genesis and encounter data may be delayed. Therefore, these sites are not included in the lab portion of this report and the accuracy of the activity levels may be impacted.

2/12/2021

Laboratory-Confirmed Influenza (2020-2021 Season: Week 5)

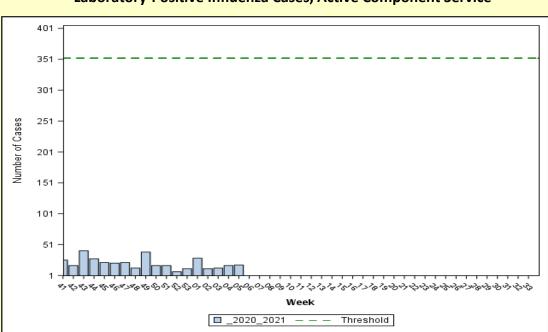
The number of laboratory-confirmed influenza cases among all beneficiaries remained stable and very low and below baseline and the threshold.

 Band indicates one standard deviation above and below seasonal baseline estimates. Threshold indicates two standard deviations above offseason average.



Laboratory-Positive Influenza Cases, Active Component Service

- The number of active component Service Member laboratoryconfirmed influenza cases remained stable and well below the threshold.
- Threshold indicates two standard deviations above seasonal baseline estimates.

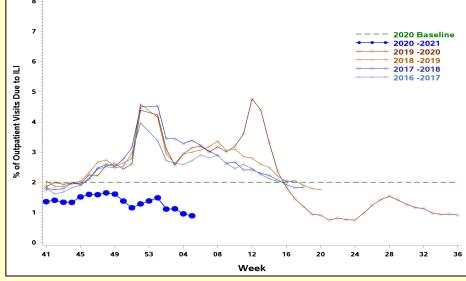


Disclaimer: Influenza lab data are not available from sites that have transitioned to MHS Genesis and encounter data may be delayed. Therefore, these sites are not included in the lab portion of this report and the accuracy of the activity levels may be impacted.

ILI and Dispensed Antiviral Prescriptions (2020-2021 Season: Week 5)

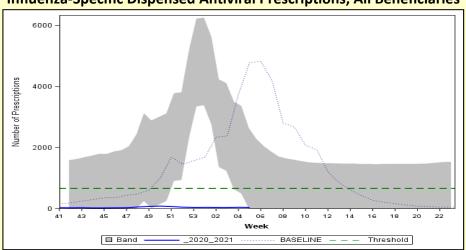
Percent of Outpatient Visits Due to ILI: Service Members, 2016-2017 to 2020-2021 Seasons

- The percentage of outpatient visits due to ILI decreased slightly and remained well below baseline and prior seasons since week 16 of 2020.
- COVID-19 mitigation efforts are likely contributing to the lower than normal number of ILIs.



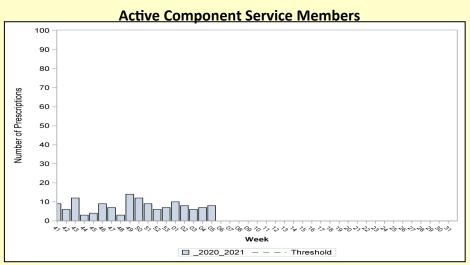
Influenza-Specific Dispensed Antiviral Prescriptions, All Beneficiaries

- Influenza-specific dispensed antiviral prescriptions among all beneficiaries remained stable and very low and well below the weekly baseline and threshold.
- Band indicates one standard deviation above and below seasonal baseline estimates. Threshold indicates two standard deviations above off-season average.



Influenza-Specific Dispensed Antiviral Prescriptions:

- The number of influenza-specific dispensed antiviral prescriptions among active component Service Members decreased and remained very low.
- Threshold indicates two standard deviation above the overall weighted average during the season. However, there is not enough data for the season yet to calculate the threshold for this metric.

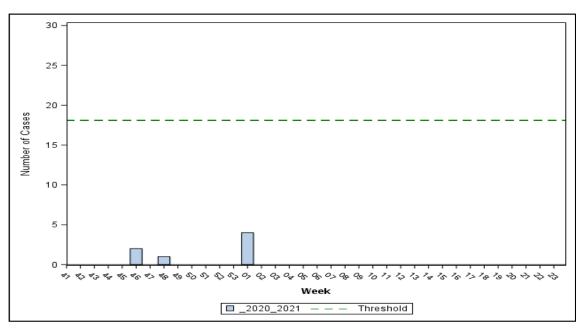


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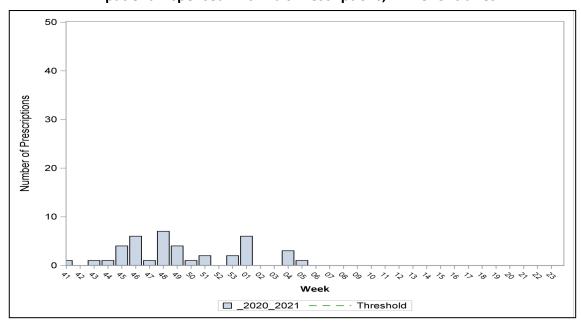
Severity: Hospitalized Influenza Metrics (2020-2021 Season: Week 5)

- There were no laboratory-confirmed influenza hospitalizations reported during week 5. (Season total: 7)
- There were very minimal inpatient influenza-specific antiviral prescriptions dispensed during week 5.
- Thresholds indicates one standard deviation above the overall weighted average during the season. However, there is not enough data for the season yet to calculate the threshold for the influenza-specific antiviral prescriptions metric.

Hospitalized Laboratory-Positive Influenza Cases, All Beneficiaries



Inpatient Dispensed Antivirals Prescriptions, All Beneficiaries



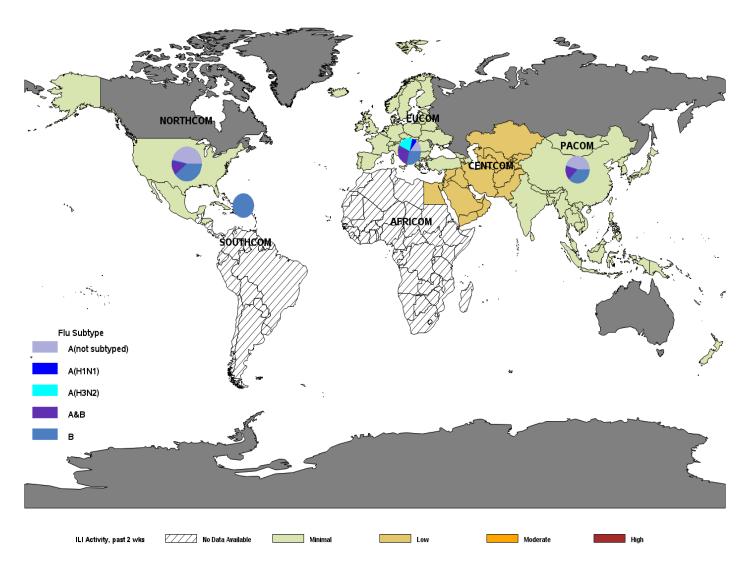
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Influenza Activity: Geographic Combatant Command

(2020-2021 Season: Week 5)

- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
- NORTHCOM: ILI activity was minimal. The number of laboratory-confirmed influenza cases remained very low; the majority being Influenza A (not subtyped) and Influenza B.
- EUCOM: ILI activity was minimal. Only a small number of influenza positive specimens have been reported for the season.
- INDOPACOM: ILI activity was minimal. Only a small number of laboratory-confirmed influenza positive specimens have been reported.
- SOUTHCOM: ILI activity was minimal. Only 1 specimen has tested positive for influenza this season (influenza B).
- CENTCOM: ILI activity was low at the command level, influenced by low country level activity in Saudi Arabia.

ILI Activity (Service Members) and Laboratory-Confirmed Influenza (All Beneficiaries)

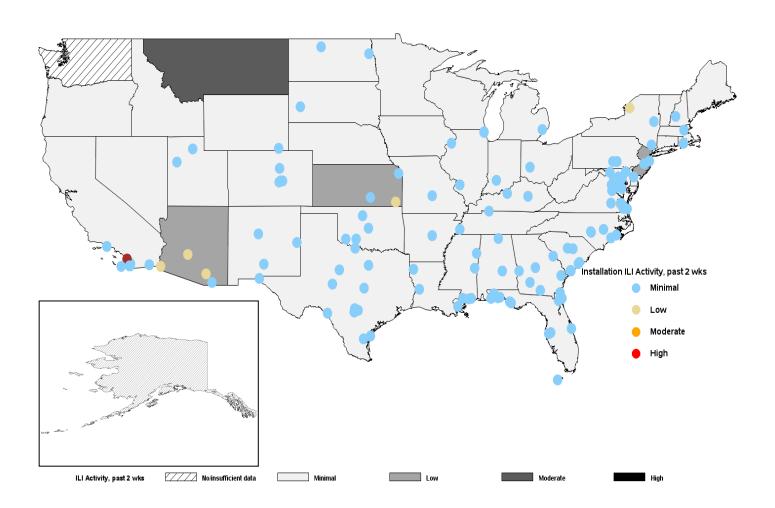


^{*}Locations colored in dark gray have no Service Member medical encounter data.

Influenza Activity: NORTHCOM (2020-2021 Season: Week 5)

- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
- The majority of installations had minimal or low ILI activity during week 5. However, Camp Pendleton (CA) had high activity.
- The majority of states had minimal or low ILI activity, however Montana had moderate activity.
- State level data includes both Military Treatment Facility (MTF) and outsourced care. Therefore, state activity levels may differ from the installation level data.

ILI Activity (Service Members) by State and Installation

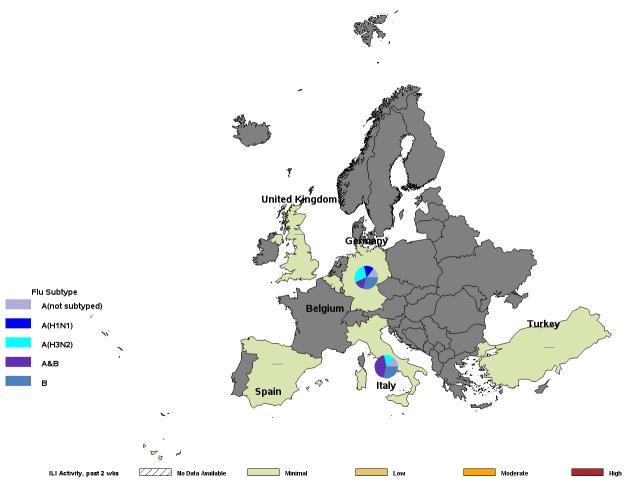


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Influenza and COVID-19 Activity: EUCOM (2020-2021 Season: Week 5)

- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
- ILI activity was minimal in all countries with available data.
- Only a small number of laboratory-confirmed influenza cases have been reported for EUCOM this season. The cases occurred in Germany and Italy.
- Installation-level laboratory-confirmed influenza and COVID-19 case data for EUCOM can be found on page 9 of the report.

ILI Activity (Service Members) and Laboratory-Confirmed Influenza (All Beneficiaries)



^{*}Locations colored in dark gray have no Service Member medical encounter data.

Confirmed Influenza and COVID-19: EUCOM (2020-2021 Season: Week 5)

Laboratory-Confirmed Influenza by Installation (All Beneficiaries)

Country	untry Location		A (not sub-		A (H1N1)		A (H3N2)		Δ	. & В		В	Total positive	Total tested	% Positive	Change from
Country	Location	SCI VICC	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks		past 2 weeks
Belgium	Shape	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Germany	Barton Barracks	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Germany	Landstuhl RMC	Α	0	0	0	0	0	2	0	1	0	1	0	97	0	\leftrightarrow
Germany	Patch Barracks	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Germany	Ramstein AB	F	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Germany	Spangdahlem AB	F	0	0	0	1	0	0	0	0	0	0	0	28	0	\leftrightarrow
Germany	USAG Bavaria	Α	0	0	0	0	0	0	0	0	1	1	1	12	8	\downarrow
Germany	USAG Hohenfels/Amberg	Α	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
Germany	USAG Kaiserslautern	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Germany	USAG Katterbach	Α	0	1	0	0	0	0	0	0	0	0	0	9	0	\leftrightarrow
Germany	USAG Wiesbaden	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Italy	Aviano AB	F	0	1	0	0	0	0	0	0	1	1	1	2	50	\uparrow
Italy	NAS Sigonella	N	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
Italy	NSA Naples	N	0	0	0	0	0	1	0	3	0	1	0	9	0	\leftrightarrow
Italy	USAG Italy	Α	0	0	0	0	0	0	0	0	0	0	0	6	0	\leftrightarrow
Spain	NS Rota	N	0	0	0	0	0	0	0	0	0	0	0	25	0	\leftrightarrow
Turkey	Incirlik AB	F	0	0	0	0	0	0	0	0	0	0	0	10	0	\leftrightarrow
United Kingdom	RAF Alconbury	F	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
United Kingdom	RAF Croughton	F	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
United Kingdom	RAF Lakenheath	F	0	0	0	0	0	0	0	0	0	0	0	198	0	\leftrightarrow

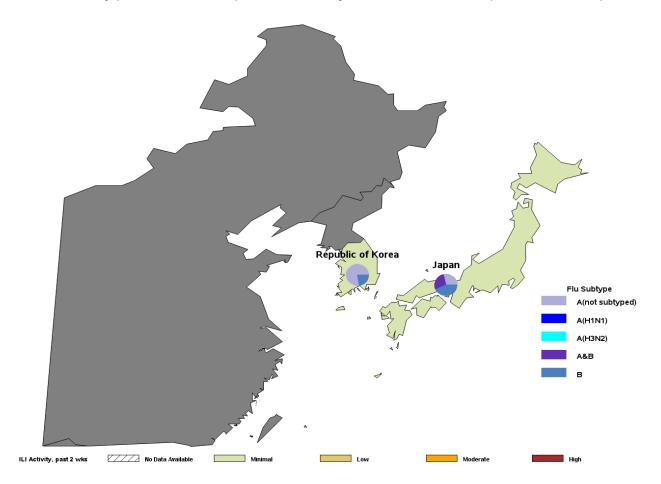
COVID-19 Cases Since Week 41 by Installation (All Beneficiaries)

			CC	VID-19	
Country	Location	Service		Since week	Change from
			2 wks	41	past 2 weeks
Belgium	Shape	Α	1	60	\downarrow
Germany	Barton Barracks	Α	0	20	\leftrightarrow
Germany	Landstuhl RMC	Α	111	1473	\uparrow
Germany	Patch Barracks	Α	0	12	\leftrightarrow
Germany	Ramstein AB	F	9	168	\downarrow
Germany	Spangdahlem AB	F	2	66	\rightarrow
Germany	USAG Bavaria	Α	178	1111	\downarrow
Germany	USAG Hohenfels/Amberg	Α	1	131	\downarrow
Germany	USAG Kaiserslautern	Α	1	18	\leftrightarrow
Germany	USAG Katterbach	Α	3	66	\downarrow
Germany	USAG Wiesbaden	Α	11	178	\uparrow
Italy	Aviano AB	F	7	204	\downarrow
Italy	NAS Sigonella	N	0	15	\leftrightarrow
Italy	NSA Naples	N	3	67	\rightarrow
Italy	USAG Italy	Α	13	290	\rightarrow
Spain	NS Rota	N	21	146	\rightarrow
Turkey	Incirlik AB	F	9	63	↑
United Kingdom	RAF Alconbury	F	0	7	\leftrightarrow
United Kingdom	RAF Croughton	F	0	6	\leftrightarrow
United Kingdom	RAF Lakenheath	F	37	300	\rightarrow

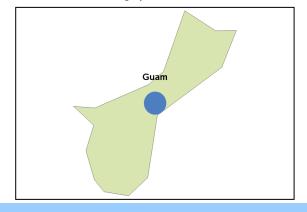
Influenza Activity: INDOPACOM (2020-2021 Season: Week 5)

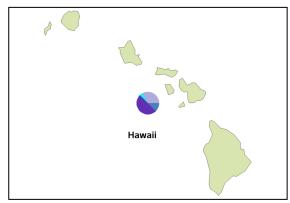
- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
- ILI activity was minimal in all countries with available data.
- Laboratory-confirmed influenza cases have been reported in the Republic of Korea, Japan, Guam, and Hawaii this season.
- Installation-level laboratory-confirmed influenza and COVID-19 case data for INDOPACOM can be found on page 11 of the report.

ILI Activity (Service Members) and Laboratory-Confirmed Influenza (All Beneficiaries)



*Locations colored in dark gray have no Service Member medical encounter data.





Influenza Activity: INDOPACOM (2020-2021 Season: Week 5)

Laboratory-Confirmed Influenza by Installation (All Beneficiaries)

			,	ot sub-									Total			
Country	Location	Service		ped)	_ `	1N1)	_ `	13N2)	A 8			В	positive			Change from
			2 wks	Season	2 wks		2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks		past 2 weeks
Guam	JB Andersen	J	0	0	0	0	0	0	0	0	0	1	0	110	0	\leftrightarrow
Japan	CFA Okinawa	N	1	1	0	0	0	0	0	0	0	0	1	26	4	1
Japan	CFA Yokosuka	N	0	1	0	0	0	0	0	0	0	2	0	6	0	\leftrightarrow
Japan	Camp Foster	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Japan	Camp Fuji	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Japan	Camp Zama	Α	0	0	0	0	0	0	0	1	0	0	0	6	0	\leftrightarrow
Japan	Kadena AB	F	0	0	0	0	0	0	0	0	0	0	0	12	0	\leftrightarrow
Japan	MCAS Futenma	N	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
Japan	MCAS Iwakuni	N	0	0	0	0	0	0	0	0	0	0	0	8	0	\leftrightarrow
Japan	Misawa AB	F	0	1	0	0	0	0	0	0	0	3	0	6	0	\leftrightarrow
Japan	NAF Atsugi	N	0	0	0	0	0	0	0	0	0	1	0	4	0	\leftrightarrow
Japan	NB Okinawa	N	0	1	0	0	0	0	0	2	0	0	0	23	0	\leftrightarrow
Japan	USFA Sasebo	N	0	0	0	0	0	0	0	0	0	0	0	4	0	\leftrightarrow
Japan	Yokota AB	F	0	0	0	0	0	0	0	1	0	0	0	43	0	\leftrightarrow
Korea, Republic of	CFA Chinhae	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
Korea, Republic of	Camp Casey	Α	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
Korea, Republic of	Camp Humphreys	Α	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
Korea, Republic of	Camp Walker	Α	0	0	0	0	0	0	0	0	0	0	0	10	0	\leftrightarrow
Korea, Republic of	Kunsan AB	F	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
Korea, Republic of	Osan AB	F	0	1	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
Korea, Republic of	Yongsan Garrison	Α	0	6	0	0	0	0	0	0	0	0	0	27	0	\leftrightarrow
United States	Camp H M Smith	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
United States	Ft Shafter	Α	0	4	0	0	0	1	0	8	0	2	0	420	0	\leftrightarrow
United States	JB Pearl Harbor-Hickam	J	0	2	0	0	0	0	0	2	1	1	1	84	1	↑
United States	MCB Hawaii	N	1	2	0	0	0	0	0	2	0	0	1	80	1	↑
United States	Schofield Barracks	Α	0	0	0	0	0	0	0	0	0	0	0	49	0	\leftrightarrow

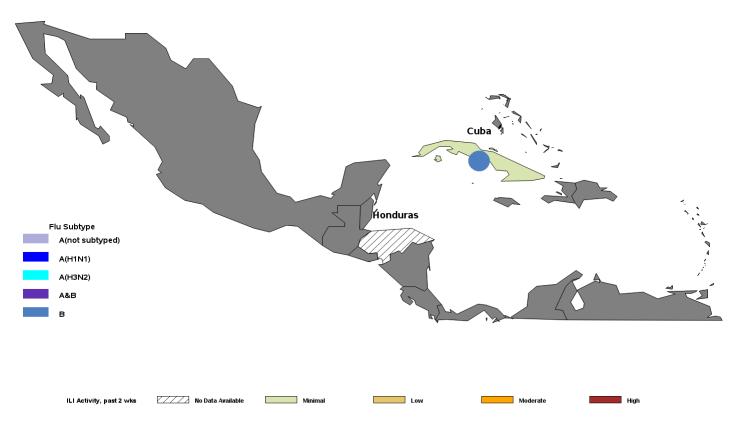
COVID-19 Cases Since Week 41 by Installation (All Beneficiaries)

			CC	VID-19	
Country	Location	Service		Since week	Change from
			2 wks	41	past 2 weeks
Guam	JB Andersen	J	18	194	↓
Japan	CFA Okinawa	N	0	2	\leftrightarrow
Japan	CFA Yokosuka	N	47	339	\downarrow
Japan	Camp Foster	N	0	0	\leftrightarrow
Japan	Camp Fuji	N	1	6	\leftrightarrow
Japan	Camp Zama	Α	2	58	\downarrow
Japan	Kadena AB	F	4	56	\uparrow
Japan	MCAS Futenma	N	0	1	\leftrightarrow
Japan	MCAS Iwakuni	N	1	156	\downarrow
Japan	Misawa AB	F	3	29	\downarrow
Japan	NAF Atsugi	N	2	56	\downarrow
Japan	NB Okinawa	N	32	474	\downarrow
Japan	USFA Sasebo	N	1	20	\downarrow
Japan	Yokota AB	F	10	167	\downarrow
Korea, Republic of	CFA Chinhae	N	0	0	\leftrightarrow
Korea, Republic of	Camp Casey	Α	2	9	↑
Korea, Republic of	Camp Humphreys	Α	5	78	↑
Korea, Republic of	Camp Walker	Α	0	0	\leftrightarrow
Korea, Republic of	Kunsan AB	F	7	37	\downarrow
Korea, Republic of	Osan AB	F	13	100	\downarrow
Korea, Republic of	Yongsan Garrison	Α	23	80	\downarrow
United States	Camp H M Smith	N	0	0	\leftrightarrow
United States	Ft Shafter	Α	32	415	\downarrow
United States	JB Pearl Harbor-Hickam	J	41	395	\downarrow
United States	MCB Hawaii	N	27	163	\downarrow
United States	Schofield Barracks	Α	25	321	\downarrow

Influenza Activity: SOUTHCOM (2020-2021 Season: Week 5)

- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
- ILI activity remained minimal in Cuba.
- Only 1 laboratory-confirmed influenza case has been reported for SOUTHCOM for the 2020-2021 season (Influenza B).

ILI Activity (Service Members) and Laboratory-Confirmed Influenza (All Beneficiaries)



^{*}Locations colored in dark gray have no Service Member medical encounter data.

Laboratory-Confirmed Influenza by Installation (All Beneficiaries)

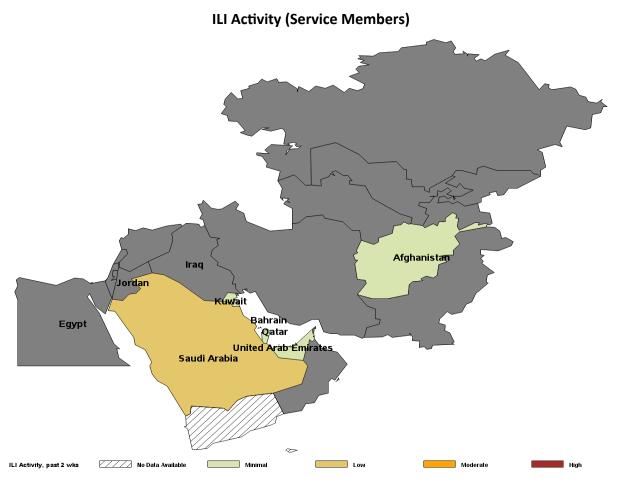
			A (n	ot sub-									Total posi-	Total		
Country	Location	Service	ty	/ped)	A (H	1N1)	A (H	13N2)	Α	& B		В	tive	tested	% Positive	Change from
			2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks	2 wks	past 2 weeks
Cuba	Guantanamo Bay	N	0	0	0	0	0	0	0	0	0	1	0	3	0	\leftrightarrow

COVID-19 Cases Since Week 41 by Installation (All Beneficiaries)

C	l	Camilaa	(COVID-19	Change from
Country	Location	Service	2 wks	Since week 41	last report
Cuba	Guantanamo Bav	N	0	1	\leftrightarrow

Influenza Activity: CENTCOM (2020-2021 Season: Week 5)

- ** The COVID-19 outbreak and its associated mitigation efforts occurring across the world, as well as lower healthcare seeking behavior, may have impacted ILI activity levels.
 - ILI activity was minimal in all countries with available data, except for Saudi Arabia which had low activity.



^{*}Locations colored in dark gray have no Service Member medical encounter data.

NORTHCOM Laboratory-Confirmed Influenza

(2020-2021 Season: Week 5)

Laboratory-Confirmed Influenza (All Beneficiaries) by Installation Alaska through Georgia

State	Location	Service	A (not s	ubtyped)	A (H	H1N1)	A (H	3N2)	А	& B		В	Total positive	Total tested	% Positive	
State	Location	Service	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks	2 wks	Change from past 2 weeks
AK	Eielson AFB	F	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
AK	Ft Greely	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
AK	Ft Wainwright	Α	0	0	0	0	0	0	0	1	0	0	0	0	0	\leftrightarrow
AK	JB Elmendorf-Richardson	J	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
AL	Ft Rucker	Α	0	0	0	0	0	0	0	0	2	6	2	124	2	\leftrightarrow
AL	Maxwell AFB	F	0	1	0	0	0	0	0	0	0	0	0	12	0	\leftrightarrow
AL	Redstone Arsenal	Α	0	2	0	0	0	0	0	0	0	3	0	20	0	\leftrightarrow
AR	Little Rock AFB	F	0	1	0	0	0	0	0	0	0	3	0	54	0	\leftrightarrow
ΑZ	Ft Huachuca	Α	0	3	0	0	0	0	0	0	0	3	0	37	0	\leftrightarrow
ΑZ	Luke AFB	F	0	0	0	0	0	0	0	0	0	0	0	23	0	\leftrightarrow
ΑZ	MCAS Yuma	N	0	0	0	0	0	0	0	0	0	0	0	4	0	\leftrightarrow
CA	Camp Pendleton	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
CA	NB San Diego	N	0	0	0	0	0	0	0	0	0	0	0	39	0	\leftrightarrow
СО	Buckley AFB	F	0	0	0	0	0	0	0	0	0	2	0	63	0	\leftrightarrow
СО	Ft Carson	Α	1	4	0	0	0	0	0	7	2	10	3	120	3	1
со	Peterson AFB	F	0	0	0	0	0	0	0	0	0	0	0	187	0	\leftrightarrow
со	Schriever AFB	F	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
со	USAF Academy	F	0	0	0	0	0	0	0	1	0	1	0	3	0	\leftrightarrow
СТ	NSB New London	N	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
DC	JB Anacostia-Bolling	F	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
DC	Pentagon	J	0	0	0	0	0	0	0	0	0	0	0	2	0	\leftrightarrow
DC	Washington Navy Yard	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
DE	Dover AFB	F	0	5	0	0	0	0	0	0	0	6	0	10	0	\leftrightarrow
FL	Eglin AFB	J	0	0	0	0	0	0	0	1	0	0	0	293	0	\leftrightarrow
FL	Hurlburt Field	F	0	1	0	0	0	0	0	4	0	1	0	25	0	\leftrightarrow
FL	Macdill AFB	F	0	1	0	0	0	0	0	0	11	28	11	182	6	V
FL	NAS Jacksonville	J	1	37	0	0	0	0	0	2	5	36	6	78	8	V
FL	NAS Key West	J	0	0	0	0	0	0	0	0	0	0	0	4	0	\leftrightarrow
FL	NAS Pensacola	N	0	0	0	0	0	0	0	0	0	11	0	312	0	\leftrightarrow
FL	NAS Whiting Field	N	0	0	0	0	0	0	0	0	0	2	0	12	0	\leftrightarrow
FL	NS Mayport	J	0	1	0	0	0	0	0	0	0	0	0	5	0	\leftrightarrow
FL	Patrick AFB	F	0	0	0	0	0	0	1	3	2	4	3	56	5	1
FL	Tyndall AFB	F	0	1	0	0	0	0	0	1	1	4	1	23	4	1
GA	Ft Benning	Α	1	1	0	0	0	0	2	5	0	1	3	53	6	1
GA	Ft Gordon	Α	0	0	0	0	0	0	0	0	0	3	0	33	0	\leftrightarrow
GA	Ft Stewart	Α	0	2	0	0	0	0	0	0	0	1	0	45	0	\leftrightarrow
GA	Hunter Army Airfield	Α	0	0	0	0	0	0	0	0	0	0	0	4	0	\leftrightarrow
GA	Moody AFB	F	0	0	0	0	0	0	0	0	0	0	0	13	0	\leftrightarrow
GA	NAS Albany	J	0	1	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
GA	NSB Kings Bay	J	0	1	0	0	0	0	0	0	0	0	0	5	0	\leftrightarrow
GA	Robins AFB	F	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow

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NORTHCOM COVID-19 Cases

(2020-2021 Season: Week 5)

COVID-19 Cases Since Week 41 (All Beneficiaries) by Installation Alaska through Georgia

			С	OVID-19		
State	Location	Service	2 wks	Since week 41	Change from past 2 weeks	
AK	Eielson AFB	F	8	255	\downarrow	
AK	Ft Greely	Α	0	1	\leftrightarrow	
AK	Ft Wainwright	Α	25	778	\	
AK	JB Elmendorf-Richardson	J	32	1428	\downarrow	
AL	Ft Rucker	Α	59	551	↑	
AL	Maxwell AFB	F	39	471	\downarrow	
AL	Redstone Arsenal	Α	18	137	\	
AR	Little Rock AFB	F	46	403	\	
ΑZ	Davis-Monthan AFB	F	35	408	\	
ΑZ	Ft Huachuca	Α	24	463	\	
ΑZ	Luke AFB	F	75	917	\downarrow	
ΑZ	MCAS Yuma	N	7	160	\leftrightarrow	
CA	Beale AFB	F	6	280	\downarrow	
CA	Camp Pendleton	N	201	2672	\downarrow	
CA	Edwards AFB	F	9	202	\leftrightarrow	
CA	Ft Irwin	Α	39	644	\	
CA	Los Angeles AFB	F	5	48	1	
CA	MBHC Eastlake	N	0	12	\leftrightarrow	
CA	NAF El Centro	N	0	2	\leftrightarrow	
CA	NAH Lemoore	N	25	375	\leftrightarrow	
CA	NB Coronado	N	5	79	\leftrightarrow	
CA	NB San Diego	N	621	5896	\downarrow	
CA	NV Ventura County	N	0	1	\leftrightarrow	
CA	Travis AFB	F	50	879	\downarrow	
CA	Twentynine Palms	N	90	809	\downarrow	
CA	USAG Presidio of Monterey	Α	12	211	\downarrow	
CA	Vandenberg AFB	F	32	211	\downarrow	
СО	Buckley AFB	F	9	241	\downarrow	

			С	OVID-19	
State	Location	Service		Since week	Change from
			2 wks	41	past 2 weeks
CO	Ft Carson	Α	137	3279	\downarrow
CO	Peterson AFB	F	20	426	\uparrow
CO	Schriever AFB	F	0	58	\leftrightarrow
CO	USAF Academy	F	12	234	\downarrow
CT	NSB New London	N	11	111	\uparrow
DC	JB Anacostia-Bolling	F	8	86	\downarrow
DC	JB Myer-Henderson Hall	Α	0	17	\leftrightarrow
DC	Pentagon	J	13	138	↑
DC	Washington Navy Yard	N	3	34	\downarrow
DE	Dover AFB	F	60	541	\downarrow
FL	Eglin AFB	J	124	1302	\downarrow
FL	Hurlburt Field	F	68	665	\downarrow
FL	Macdill AFB	F	35	564	\downarrow
FL	NAS Jacksonville	J	129	1802	\downarrow
FL	NAS Key West	J	0	3	\leftrightarrow
FL	NAS Pensacola	N	68	608	\downarrow
FL	NAS Whiting Field	N	4	34	↑
FL	NS Mayport	J	39	526	\downarrow
FL	Patrick AFB	F	30	292	\downarrow
FL	Tyndall AFB	F	30	198	↑
GA	Ft Benning	Α	775	3295	\downarrow
GA	Ft Gordon	Α	147	1676	\downarrow
GA	Ft Stewart	Α	189	1000	↑
GA	Hunter Army Airfield	Α	50	490	\downarrow
GA	Moody AFB	F	34	399	\downarrow
GA	NAS Albany	J	2	16	↑
GA	NSB Kings Bay	J	23	286	\downarrow
GA	Robins AFB	F	34	322	\downarrow

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NORTHCOM Laboratory-Confirmed Influenza

(2020-2021 Season: Week 5)

Laboratory-Confirmed Influenza (All Beneficiaries) by Installation Illinois through New York

			A (not s	subtyped)	A (H	H1N1)	A (H	3N2)	А	& B	E	3	Total positive	Total tested	% Positive	Change from
State	Location	Service	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks	2 wks	past 2 weeks
IL	NS Great Lakes	N	0	0	0	0	0	0	0	0	0	0	0	279	0	\leftrightarrow
IL	Scott AFB	F	0	0	0	0	0	0	0	0	0	0	0	8	0	\leftrightarrow
KS	Ft Leavenworth	Α	0	0	0	0	0	0	0	0	1	3	1	4	25	V
KS	Ft Riley	Α	0	5	0	0	0	0	0	2	0	1	0	58	0	\leftrightarrow
KS	Mcconnell AFB	F	0	0	0	0	0	0	0	0	0	0	0	8	0	\leftrightarrow
KY	Ft Campbell	Α	0	6	0	0	0	0	0	1	0	7	0	75	0	\leftrightarrow
KY	Ft Knox	Α	0	0	0	0	0	0	0	0	0	0	0	10	0	\leftrightarrow
LA	Barksdale AFB	F	0	1	0	0	0	0	0	0	0	1	0	29	0	\leftrightarrow
LA	Ft Polk	Α	6	14	0	0	0	0	0	2	2	8	8	52	15	↓
LA	NAS Belle Chase	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
MA	Hanscom AFB	F	0	1	0	0	0	0	0	0	0	0	0	2	0	\leftrightarrow
MD	Aberdeen Proving Ground	Α	1	1	0	0	0	0	0	0	0	7	1	20	5	1
MD	Ft Detrick	Α	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
MD	Ft Meade	Α	0	0	0	0	0	0	0	0	0	0	0	2	0	\leftrightarrow
MD	JB Andrews	F	0	4	0	0	0	0	0	3	0	2	0	264	0	\leftrightarrow
MD	NAS Patuxent River	N	1	28	0	0	0	0	0	2	0	3	1	31	3	\downarrow
MD	NBHC Bancroft Hall	N	0	1	0	0	0	0	0	0	0	0	0	27	0	\leftrightarrow
MD	NHC Annapolis	N	0	1	0	0	0	0	0	0	0	0	0	17	0	\leftrightarrow
MD	NSF Indian Head	N	0	20	0	0	0	0	0	0	0	0	0	4	0	\leftrightarrow
MD	WRNMMC	J	0	1	0	0	0	0	0	3	0	1	0	115	0	\leftrightarrow
МО	Ft Leonard Wood	Α	1	4	0	0	0	0	0	1	1	4	2	112	2	↑
МО	Whiteman AFB	F	0	0	0	0	0	0	0	0	0	0	0	16	0	\leftrightarrow
MS	Columbus AFB	F	0	1	0	0	0	0	0	0	0	2	0	26	0	\leftrightarrow
MS	Keesler AFB	J	0	0	0	0	0	0	0	0	0	0	0	118	0	\leftrightarrow
MS	NAS Meridian	N	0	0	0	0	0	0	0	0	1	1	1	7	14	\downarrow
MS	NBHC Gulfport	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
MT	Malmstrom AFB	F	0	0	0	0	0	0	0	1	0	0	0	0	0	\leftrightarrow
NC	Camp Lejeune	Ν	20	156	0	0	0	0	0	0	0	3	20	79	25	↑
NC	Ft Bragg	J	1	1	0	0	0	0	0	0	0	0	1	83	1	↑
NC	MCAS Cherry Point	Ν	1	5	0	0	0	0	0	0	0	8	1	7	14	↑
NC	Pope Army Airfield	J	0	0	0	0	0	0	0	0	0	0	0	2	0	\leftrightarrow
NC	Seymour Johnson AFB	J	0	3	0	0	0	0	1	2	0	1	1	1	100	\uparrow
ND	Grand Forks AFB	F	0	0	0	0	0	0	0	0	0	0	0	8	0	\leftrightarrow
ND	Minot AFB	F	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
NE	Offutt AFB	F	0	0	0	0	0	0	0	0	0	0	0	9	0	\leftrightarrow
NH	Portsmouth	N	0	0	0	0	0	0	0	2	0	0	0	6	0	\leftrightarrow
NJ	JB McGuire-Dix-Lakehurst	F	0	0	0	0	0	0	0	2	0	1	0	238	0	\leftrightarrow
NM	Cannon AFB	F	0	0	0	0	0	0	0	0	0	0	0	35	0	\leftrightarrow
NM	Holloman AFB	F	0	0	0	0	0	0	0	2	0	0	0	3	0	\leftrightarrow
NM	Kirtland AFB	F	0	1	0	0	0	0	0	1	0	0	0	0	0	\leftrightarrow
NM	White Sands Missile Range	Α	0	0	0	0	0	0	0	0	0	0	0	7	0	\leftrightarrow
NY	Ft Drum	Α	0	0	0	0	0	0	0	0	0	1	0	61	0	\leftrightarrow
NY	West Point	Α	0	1	0	0	0	0	0	2	1	2	1	9	11	\downarrow

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NORTHCOM COVID-19 Cases

(2020-2021 Season: Week 5)

COVID-19 Cases Since Week 41 (All Beneficiaries) by Installation Idaho through New York

			C	OVID-19		
State	Location	Service		Since week	Change from	
			2 wks	41	past 2 weeks	
ID	Mountain Home AFB	F	6	168	\downarrow	
IL	NS Great Lakes	N	74	2212	\downarrow	
IL	Rock Island Arsenal	Α	0	1	\leftrightarrow	
IL	Scott AFB	F	48	671	\downarrow	
KS	Ft Leavenworth	Α	47	522	\downarrow	
KS	Ft Riley	Α	76	1210	\downarrow	
KS	Mcconnell AFB	F	32	363	1	
KY	Ft Campbell	Α	346	3783	\downarrow	
KY	Ft Knox	Α	47	520	\downarrow	
LA	Barksdale AFB	F	26	503	\downarrow	
LA	Ft Polk	Α	43	572	\downarrow	
LA	NAS Belle Chase	N	0	3	\leftrightarrow	
MA	Hanscom AFB	F	7	81	\downarrow	
MD	Aberdeen Proving Ground	Α	4	62	\downarrow	
MD	Ft Detrick	Α	8	65	\downarrow	
MD	Ft Meade	Α	47	554	\downarrow	
MD	JB Andrews	F	74	682	\downarrow	
MD	NAS Patuxent River	N	15	170	\downarrow	
MD	NBHC Bancroft Hall	N	15	216	\downarrow	
MD	NHC Annapolis	N	24	155	\downarrow	
MD	NSF Indian Head	N	2	48	\	
MD	WRNMMC	J	126	1345	V	
МО	Ft Leonard Wood	Α	431	4261	V	
МО	Whiteman AFB	F	34	412	V	
MS	Columbus AFB	F	21	129	\leftrightarrow	
MS	Keesler AFB	J	126	931	V	
MS	NAS Meridian	N	2	29	V	
MS	NBHC Gulfport	N	13	28	V	
MT	Malmstrom AFB	F	34	585	↑	
NC	Camp Lejeune	N	365	3977	V	
NC	Ft Bragg	J	445	5642	V	
NC	MCAS Cherry Point	N	26	366	V	
NC	Pope Army Airfield	J	2	17	V	
NC	Seymour Johnson AFB	J	14	364	V	
ND	Grand Forks AFB	F	5	168	1	
ND	Minot AFB	F	11	795	<u>,</u>	
NE	Offutt AFB	F	41	884	<u> </u>	
NH	Portsmouth	N	5	40	<u>↑</u>	
NJ	JB McGuire-Dix-Lakehurst	F	35	810	<u> </u>	
NM	Cannon AFB	F	25	201	↑	
NM	Holloman AFB	F	23	353	↑	
NM	Kirtland AFB	F	16	226	↑	
NM	White Sands Missile Range	Α	24	50	1	
NV	Nellis AFB	F	132	1658	V	
NY	Ft Drum	Α	107	754	1	
NY	West Point	Α	32	382	V	

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NORTHCOM Laboratory-Confirmed Influenza

(2020-2021 Season: Week 5)

Laboratory-Confirmed Influenza (All Beneficiaries) by Installation Ohio through Wyoming

State	Location	Service	A (not subtyped)		A (H1N1)		A (H3N2)		A & B		В		Total positive	Total tested	% Positive	Change from
			2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	Season	2 wks	2 wks	2 wks	past 2 weeks
ОН	Wright-Patterson AFB	F	0	0	0	0	0	0	0	4	0	1	0	153	0	\leftrightarrow
ОК	Altus AFB	F	0	1	0	0	0	0	0	0	0	3	0	47	0	\leftrightarrow
ОК	Ft Sill	Α	0	1	0	0	0	0	0	0	2	4	2	40	5	↑
ОК	Tinker AFB	F	0	1	0	0	0	0	0	0	0	0	0	17	0	\leftrightarrow
ОК	Vance AFB	F	0	0	0	0	0	0	0	0	0	1	0	8	0	\leftrightarrow
PA	Carlisle Barracks	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
PR	Ft Buchanan	Α	0	0	0	0	0	0	0	0	0	1	0	2	0	\leftrightarrow
PR	NS Roosevelt Roads	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
RI	NHC New England	N	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
SC	Ft Jackson	Α	0	0	0	0	0	0	0	0	0	0	0	25	0	\leftrightarrow
SC	JB Charleston	J	0	4	0	0	0	0	0	1	0	7	0	133	0	\leftrightarrow
SC	MCAS Beaufort	N	0	2	0	0	0	0	0	0	1	1	1	20	5	V
SC	Parris Island	N	0	0	0	0	0	0	0	0	0	2	0	12	0	\leftrightarrow
SC	Shaw AFB	F	0	0	0	0	0	0	0	0	0	1	0	330	0	\leftrightarrow
SD	Ellsworth AFB	F	0	0	0	0	0	0	0	0	6	17	6	92	7	↑
TN	Ft Campbell	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
TN	NSA Mid-South	N	0	1	0	0	0	0	0	0	1	2	1	8	13	↑
TX	Dyess AFB	F	0	1	0	0	0	0	0	0	0	2	0	9	0	\leftrightarrow
TX	Ft Bliss	Α	1	4	0	0	0	1	0	2	2	9	3	155	2	↑
TX	Ft Hood	Α	0	1	0	0	0	0	0	0	0	1	0	169	0	\leftrightarrow
TX	Goodfellow AFB	F	0	0	0	0	0	0	0	3	0	1	0	19	0	\leftrightarrow
TX	JB San Antonio	J	1	4	0	0	0	0	1	21	3	16	5	2590	0	\leftrightarrow
TX	Laughlin AFB	F	0	0	0	0	0	0	0	2	0	0	0	4	0	\leftrightarrow
TX	NAS Corpus Christi	N	0	0	0	0	0	0	0	0	0	0	0	6	0	\leftrightarrow
TX	NAS JRB Fort Worth	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
TX	NAS Kingsville	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
TX	Sheppard AFB	F	0	0	0	0	0	0	0	0	0	0	0	7	0	\leftrightarrow
UT	Hill AFB	F	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
VA	Ft Belvoir	J	1	3	1	1	0	0	0	2	2	4	4	46	9	↑
VA	Ft Lee	Α	1	5	0	0	0	0	1	5	1	1	3	18	17	↑
VA	JB Langley-Eustis	J	1	6	0	0	0	0	0	5	1	41	2	157	1	\
VA	JB Little Creek-Ft Story	J	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
VA	JB Myer-Henderson Hall	Α	0	0	0	0	0	0	0	0	0	0	0	0	0	\leftrightarrow
VA	MCB Quantico	N	0	0	0	0	0	0	0	0	0	0	0	14	0	\leftrightarrow
VA	NAS Oceana	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
VA	NB Dam Neck	N	0	0	0	0	0	0	0	0	0	0	0	3	0	\leftrightarrow
VA	NS Norfolk	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
VA	NWS Dahlgren	N	0	0	0	0	0	0	0	0	0	0	0	21	0	\leftrightarrow
VA	NWS Yorktown	N	0	0	0	0	0	0	0	0	0	0	0	1	0	\leftrightarrow
VA	Portsmouth	N	0	0	0	0	0	0	0	1	0	0	0	6	0	\leftrightarrow
WY	FE Warren AFB	F	0	0	0	0	0	0	0	0	1	1	1	2	50	↑

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NORTHCOM COVID-19 Cases

(2020-2021 Season: Week 5)

COVID-19 Cases Since Week 41 (All Beneficiaries) by Installation Ohio through Wyoming

Q wks Since week 41 OH Wright-Patterson AFB F 102 1588 OK Altus AFB F 11 207 OK Ft Sill A 434 2660 OK Tinker AFB F 37 895 OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	om past 2 weeks
OH Wright-Patterson AFB F 102 1588 OK Altus AFB F 11 207 OK Ft Sill A 434 2660 OK Tinker AFB F 37 895 OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	→ → → ← →
OK Altus AFB F 11 207 OK Ft Sill A 434 2660 OK Tinker AFB F 37 895 OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	→ → → ← →
OK Ft Sill A 434 2660 OK Tinker AFB F 37 895 OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	↓ ↓ ↑ ↓ ↔
OK Tinker AFB F 37 895 OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	→ ← → ↔
OK Vance AFB F 18 253 PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	↑ → ↔
PA Carlisle Barracks A 16 325 PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	$\overset{\downarrow}{\leftrightarrow}$
PR Ft Buchanan A 4 58 RI NHC New England N 7 135 SC Ft Jackson A 272 2308	\leftrightarrow
RI NHC New England N 7 135 SC Ft Jackson A 272 2308	
SC Ft Jackson A 272 2308	\downarrow
 	
CC ID Charleston	\downarrow
SC JB Charleston J 65 501	\downarrow
SC MCAS Beaufort N 21 249	\downarrow
SC Parris Island N 34 367	\leftrightarrow
SC Shaw AFB F 49 507	\downarrow
SD Ellsworth AFB F 13 389	\downarrow
TN Ft Campbell A 0 5	\leftrightarrow
TN NSA Mid-South N 1 50	\downarrow
TX Dyess AFB F 26 423	\downarrow
TX Ft Bliss A 547 3980	1
TX Ft Hood A 666 6322	\downarrow
TX Goodfellow AFB F 19 417	+
TX JB San Antonio J 696 6393	\downarrow
TX Laughlin AFB F 6 136	\downarrow
TX NAS Corpus Christi N 3 77	\downarrow
TX NAS JRB Fort Worth N 5 52	\leftrightarrow
TX NAS Kingsville N 0 22	\leftrightarrow
TX Sheppard AFB F 29 412	\downarrow
UT Hill AFB F 10 238	\downarrow
VA Ft Belvoir J 136 1777	\downarrow
VA Ft Lee A 77 611	\downarrow
VA JB Langley-Eustis J 162 1311	\downarrow
VA JB Little Creek-Ft Story J 4 25	↑
VA JB Myer-Henderson Hall A 11 176	\downarrow
VA MCB Quantico N 23 229	\downarrow
VA NAS Oceana N 23 257	\downarrow
VA NB Dam Neck N 3 9	\leftrightarrow
VA NBHC Chesapeake N 1 6	\leftrightarrow
VA NS Norfolk N 42 367	\downarrow
VA NWS Dahlgren N 6 26	\downarrow
VA NWS Yorktown N 6 50	\uparrow
VA Portsmouth N 703 5617	+
VA TPC Chesapeake N 0 5	\leftrightarrow
VA TPC Suffolk N 0 8	\leftrightarrow
WY FE Warren AFB F 5 435	\downarrow

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Surveillance Programs and Data Sources

Defense Health Agency / Armed Forces Health Surveillance Division (AFHSD):

The Armed Forces Health Surveillance Division (AFHSD) is the central epidemiologic resource for the U.S. Armed Forces, conducting medical surveillance to protect those who serve our nation in uniform and allies who are critical to our national security interests. The Epidemiology and Analysis Section of AFHSD, the Epi Data Center of the Navy and Marine Corps Public Health Center, and the Air Force Satellite Office in Dayton, Ohio (Wright-Patterson AFB) have compiled data for this report from the following sources below.

Influenza-like Illness Activity:

Medical encounter and demographic data from the AFHSD's Defense Medical Surveillance System (DMSS) are used to generate portions of this report. ICD-10 codes from outpatient encounters are used to identify influenza-like illness (ILI). ILI is defined using the following codes: B97.89, H66.9, H66.90, H66.91, H66.92, H66.93, J00, J01.9, J01.90, J06.9, J09, J09.X1, J09.X2, J09.X3, J09.X9, J10, J10.00, 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, J11.00, 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, J40, R05, R50.9.

The percentage of all outpatient visits that have an ILI code is calculated each week for all service members, regardless of component. These data are presented weekly for the current season and compared to the four prior seasons among service members. Influenza activity levels are calculated by comparing the mean reported percent of visits due to ILI for the previous two weeks to the mean reported percent of visits due to ILI during baseline weeks (defined as non-influenza weeks (weeks 22-39) over the past 3 years). There are four influenza activity levels, minimal, low, moderate, and high. The activity level corresponds to the number of standard deviations (SD) below, at or above the mean for the current 2 week period compared to the mean of the baseline weeks. Minimal activity corresponds to an influenza percentage that is less than 2 SD above the mean. Low activity corresponds to an influenza percentage that is equal to or greater than 4 SD above the mean, but less than 6 SD above the mean. High activity corresponds to an influenza percentage that is equal to or greater than 6 SD above the mean.

Influenza activity levels are presented in the Combatant Command (CCMD) maps, either by Installation, state, or country.

Influenza Positive Specimens:

Influenza lab results (HL-7 formatted data) are compiled and transmitted from the Navy and Marine Corps Public Health Center to AFHSD. Results obtained via PCR, viral culture, and rapid influenza assays are reported. Although the inclusion of rapid tests may underestimate the weekly and cumulative percent positive estimates due to false negatives, visibility of the positive rapid results provides valuable information for this surveillance report. Influenza types/subtypes are categorized as influenza A/not subtyped, influenza A(H1N1), influenza A(H3N2), influenza A and B co-infection, and influenza B. Additionally, laboratory-confirmed positive results are used to identify influenza-related hospitalization cases across the DoD.

The percent positivity is calculated by dividing the number of influenza positive specimens by the total number of specimens (positive and negative only; inconclusive results are excluded). The distributions of percent positive specimens by subtype are presented on a weekly basis for the entire influenza season. For each CCMD state, the distribution of subtypes for the previous 2 weeks are presented as pie graphs for states and countries. For installations, data are presented in tables with counts and percent positive by subtype for the past 2 weeks and for the entire season. The "change from last report" column reports the absolute difference in the percent positive from the prior week's report to the current week's report.

Surveillance Programs and Data Sources

COVID-19 Cases:

COVID-19 cases data are compiled from the COVID-19 positive lab results (HL-7 formatted data) and cases reported in the DRSi. COVID-19 cases in this report only include cases that have occurred since Week 41 of the influenza season, with the exception of the figure on page 1, which includes COVID-19 cases back to Week 1. The percent positivity calculation is restricted to only COVID-19 cases reported through the lab data so that an accurate denominator can be obtained. The percent positivity is calculated by dividing the number of COVID-19 positive specimens by the total number of specimens tested for COVID-19. For installations, COVID-19 case data are presented in tables with case counts for the past 2 weeks and for the entire influenza season (Week 41 to current). The "change from last report" column reports the absolute difference in the number of COVID-19 case counts from the prior week's report to the current week's report.

Pharmacy Transactions for Dispensed Influenza Antiviral Prescriptions:

HL7-formatted pharmacy transactions are used to assess the number of dispensed influenza antiviral (AV) prescriptions. Four influenza AV medications approved by the Food and Drug Administration (FDA) are recommended by the CDC for use in the United States (US) for the 2019-2020 influenza season: oral oseltamivir (Tamiflu® or generic), inhaled zanamivir (Relenza®), and intravenous peramivir (Rapivab®), and baloxavir marboxil (Xofluza®). These prescriptions are included in this surveillance. The overall count of dispensed AV prescriptions by week is presented graphically for the influenza season. A seasonal baseline is displayed with dispensed AV prescriptions. Surveillance thresholds are displayed with the count of inpatient dispensed AV prescriptions. Additionally, counts of inpatient dispensed influenza AV prescriptions are presented weekly for the influenza season.

Influenza Baselines, Thresholds, and Trends:

Weekly baselines used a three-year average to compare results with those from the same week during the previous three seasons. Bands for one and two standard deviations above seasonal baseline estimates are displayed to indicate when trends diverge with respect to timing or volume from those of recent seasons. The ILI, lab, and dispensed AV prescription data thresholds are calculated by adding two standard deviations to the off-season average.

Inpatient thresholds (lab and dispensed AV prescription data) are calculated by adding one standard deviation to the overall weighted average for in-season weeks. Weeks that represent at least 2% of the total season's laboratory-positive influenza cases for at least two consecutive weeks was considered to be "in-season" or influenza weeks; all other weeks are considered to be "off-season" or non-influenza weeks.

Links to Service-Specific Influenza Reports:

Select the following links to see service-specific influenza surveillance weekly reports:

- Navy and Marine Corps Public Health Center (NMCPHC):
 - https://www.med.navy.mil/sites/nmcphc/epi-data-center/influenza/Pages/default.aspx
- United States Air Force School of Aerospace Medicine (USAFSAM)/Defense Health Agency (DHA): https://hpws.afrl.af.mil/epi-consult/influenza/ActivityUpdates.cfm

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