

Click on images to enlarge.

U.S. Army Influenza Activity Report

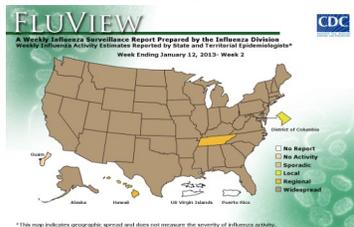
Week Ending 12 January 2013 (Week 2)

SYNOPSIS: During week 2, influenza-like illness activity increased in Army MTFs. Dependent populations were most affected, although the proportion of Active Duty visits increased from previous weeks. Although elevated, overall ILI activity decreased in US civilian populations while severity indicators began to increase.

- ILI Activity:** Army incident ILI outpatient visits in week 2 were 27% higher than the same week last year.
- Influenza cases:** 15 hospitalized influenza cases were reported to USAPHC in week 2. 54 hospitalized cases have been reported during this influenza season, 51 in dependents and 3 in Active Duty Service Members.
- Acute Respiratory Disease at BCT sites:** While ARD rates remain low at all Army BCT sites, increasing trends were noted at Fort Jackson and Fort Leonard Wood.
- Viral specimens:** During week 2, 546 of 1828 (30%) laboratory specimens tested were positive for respiratory pathogens. Most of the influenza positive specimens were from SRMC (42%), although NRMC and WRMC accounted for larger proportions of positive Influenza A tests, 32% and 20% respectively.

2012-2013 Seasonal Influenza Vaccination Coverage As of 15 JAN 2013	
95%	DOD
97%	Army Active Duty
92%	Army Guard
81%	Army Reserve

Geographic Spread

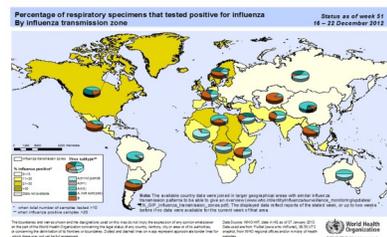


United States

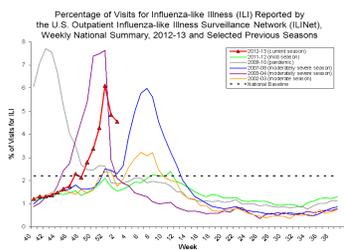
- During week 2, widespread and regional activity was noted in all states. Local activity was seen in the District of Columbia. Only Guam reported no influenza activity.

Global

- Northern areas are experiencing increasing activity (Canada, North China, and Europe), while southern and tropical regions show mostly low activity.

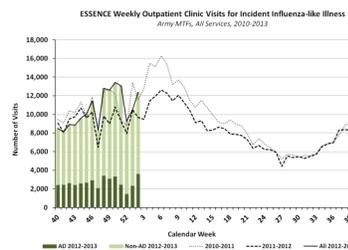


ILI Activity United States



- For week 2, 4.6% of outpatient visits reported through ILINet were due to ILI, which is above the national baseline of 2.2%.
- All 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 2.9 to 7.0% across regions.

ILI Activity Army

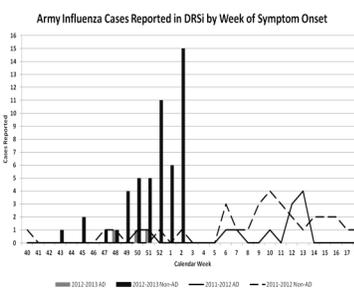


- During week 2, initial ILI visits were 27% higher than at the same time last year, and 7% higher than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 2; in 2011-2012, AD SMs comprised 28% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					
Test Result	Week 51	Week 52	Week 1	Week 2	Total
Influenza A	294	138	277	347	1056
Influenza B	111	99	39	70	319
Adenovirus	7	11	3	11	32
Enterovirus	0	0	1	0	1
Parainfluenza	20	14	10	22	66
RSV	52	55	67	96	270
Negative	842	743	1042	1282	3909
Total Results	1326	1060	1439	1828	3825

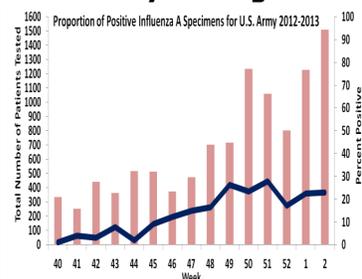
- 30% (546) of respiratory specimens were positive during week 1; influenza A accounted for 64% of positive specimens.
- RSV accounted for 17% of positive specimens and influenza B for 13%.
- Parainfluenza accounted for 4% of positive specimens, and adenovirus for less than 2%.



DRSi

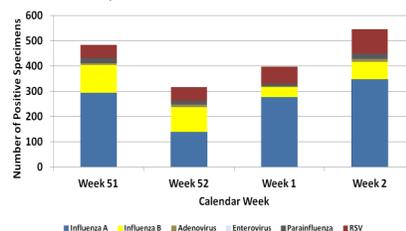
- 15 cases of hospitalized influenza were reported in DRSi in week 2, all in dependents.
- A total of 54 influenza admissions have been reported this season for the US Army and Army MTFs, 51 in dependents and 3 in AD SMs.
- At this point in the last influenza season, only 7 patients had been hospitalized for confirmed influenza.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 2 was the same as in week 1 (23%).
- 233 of the 347 (67%) positive influenza A specimens in week 2 were from non-AD personnel.
- 147 (42%) of the 347 positive influenza A specimens were from SRMC, 110 (32%) were from NRMC, and 68 (20%) were from WRMC.
- PRMC and ERMC reported 12 (3%) and 10 (3%) influenza A cases respectively.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season



Additional Resources: Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC; WHO
Key: ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD-Acute Respiratory Disease; NHRC- Naval Health Research Center; ADV-Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

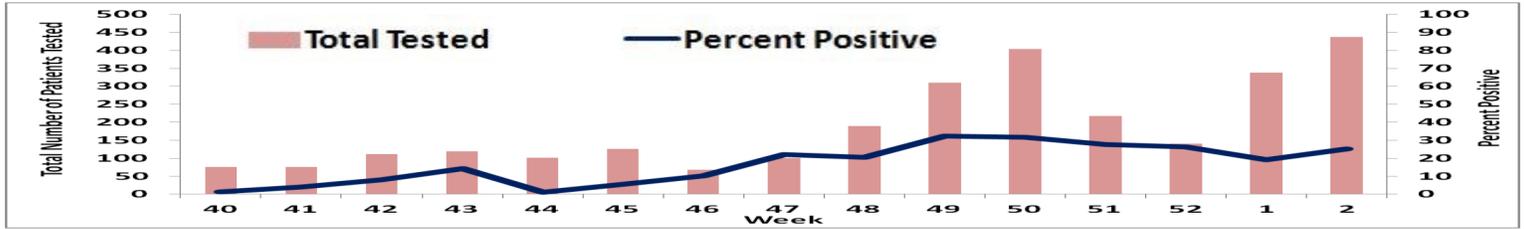
Questions?
 Email USAPHC-DEP
 410-417-3774



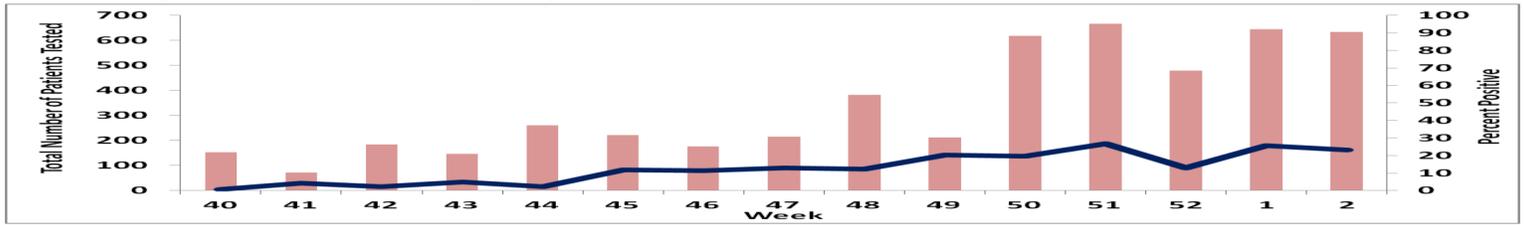
U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

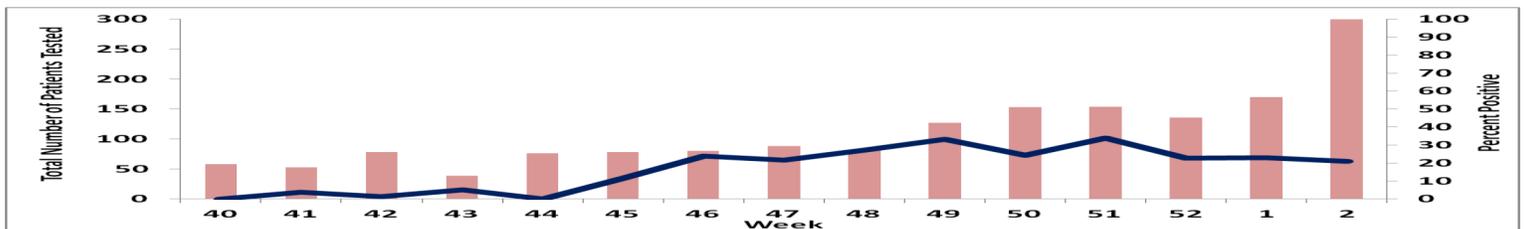
Northern Regional Medical Command (NRMC)



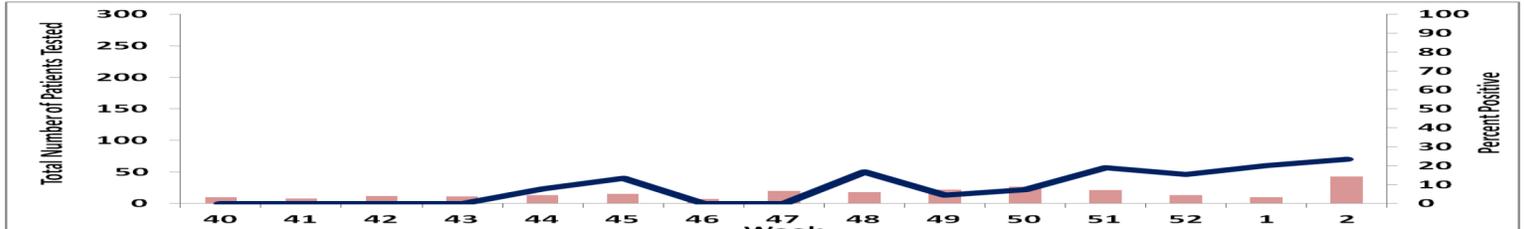
Southern Regional Medical Command (SRMC)



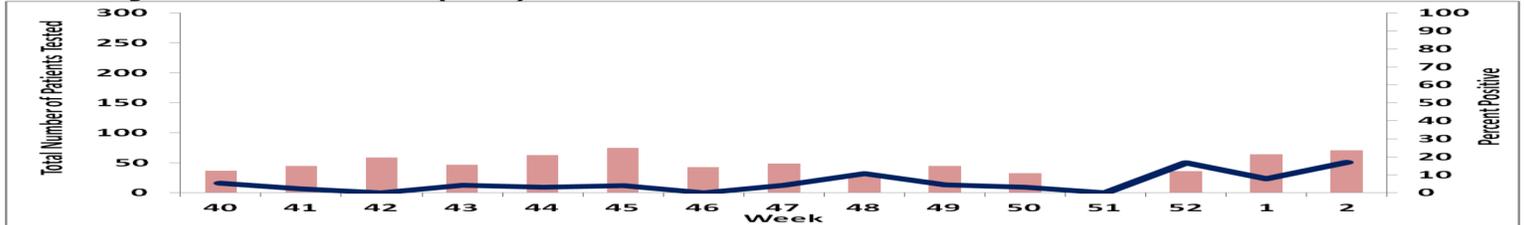
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Region	Number of Positive Influenza A Specimens by Duty Status and Region															
	Week 47		Week 48		Week 49		Week 50		Week 51		Week 52		Week 1		Week 2	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	5	17	8	31	14	86	33	95	13	47	8	29	22	43	42	68
SRMC	4	24	12	35	4	39	14	108	23	155	10	52	39	127	46	101
WRMC	0	19	3	19	7	35	4	33	8	44	8	23	10	29	17	51
ERMC	0	0	2	1	0	1	0	2	2	2	1	1	1	1	4	6
PRMC	2	0	0	3	1	1	1	0	0	0	1	5	1	4	5	7

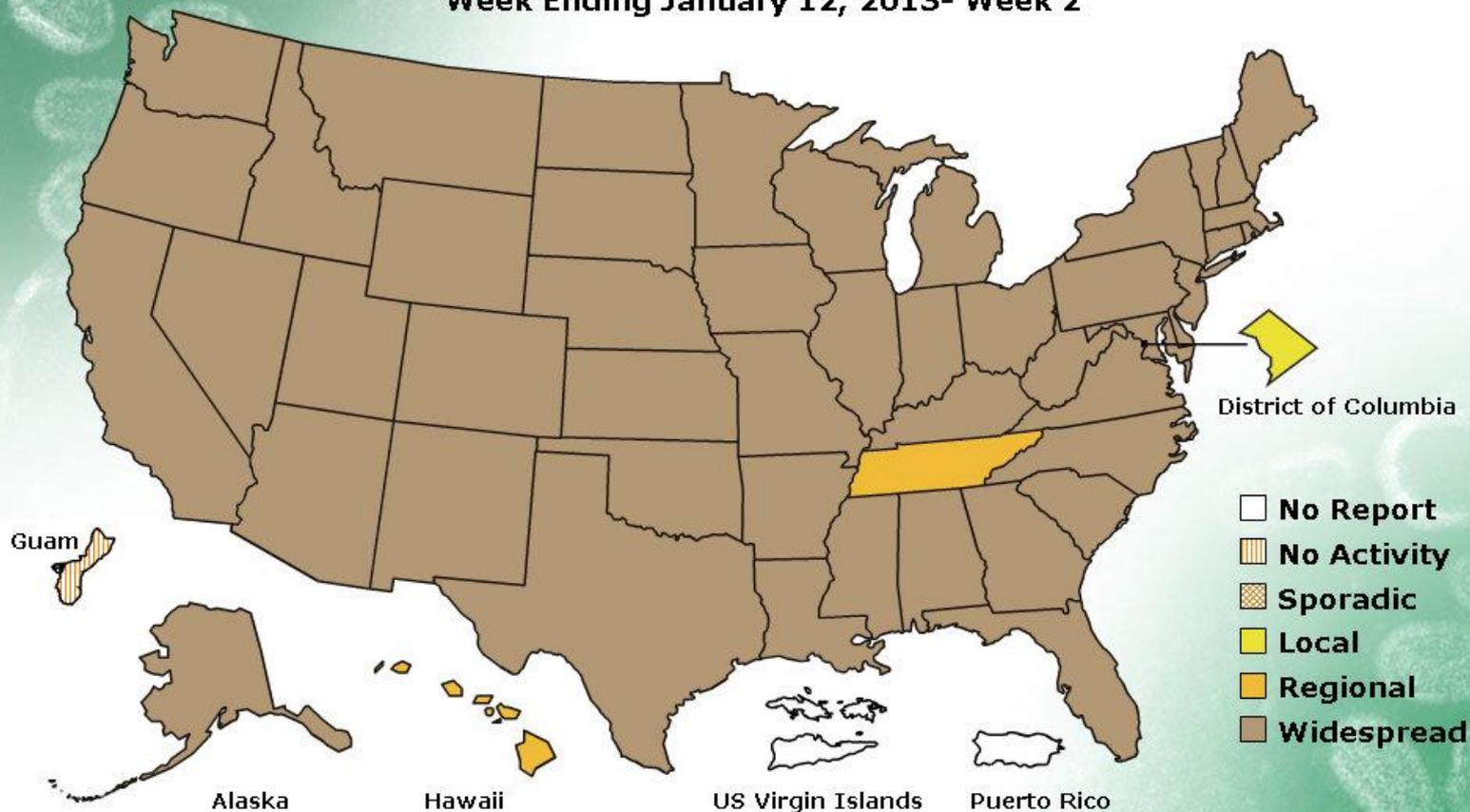
Locations providing week 1 laboratory data as of 14 January 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Hood, Ft Leavenworth, Ft Irwin, Ft Jackson, Ft Knox, FT Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley Ft Rucker, Ft Sam Houston, Ft Sill, Ft Wainwright, Landstuhl, Redstone Arsenal, and Tripler

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

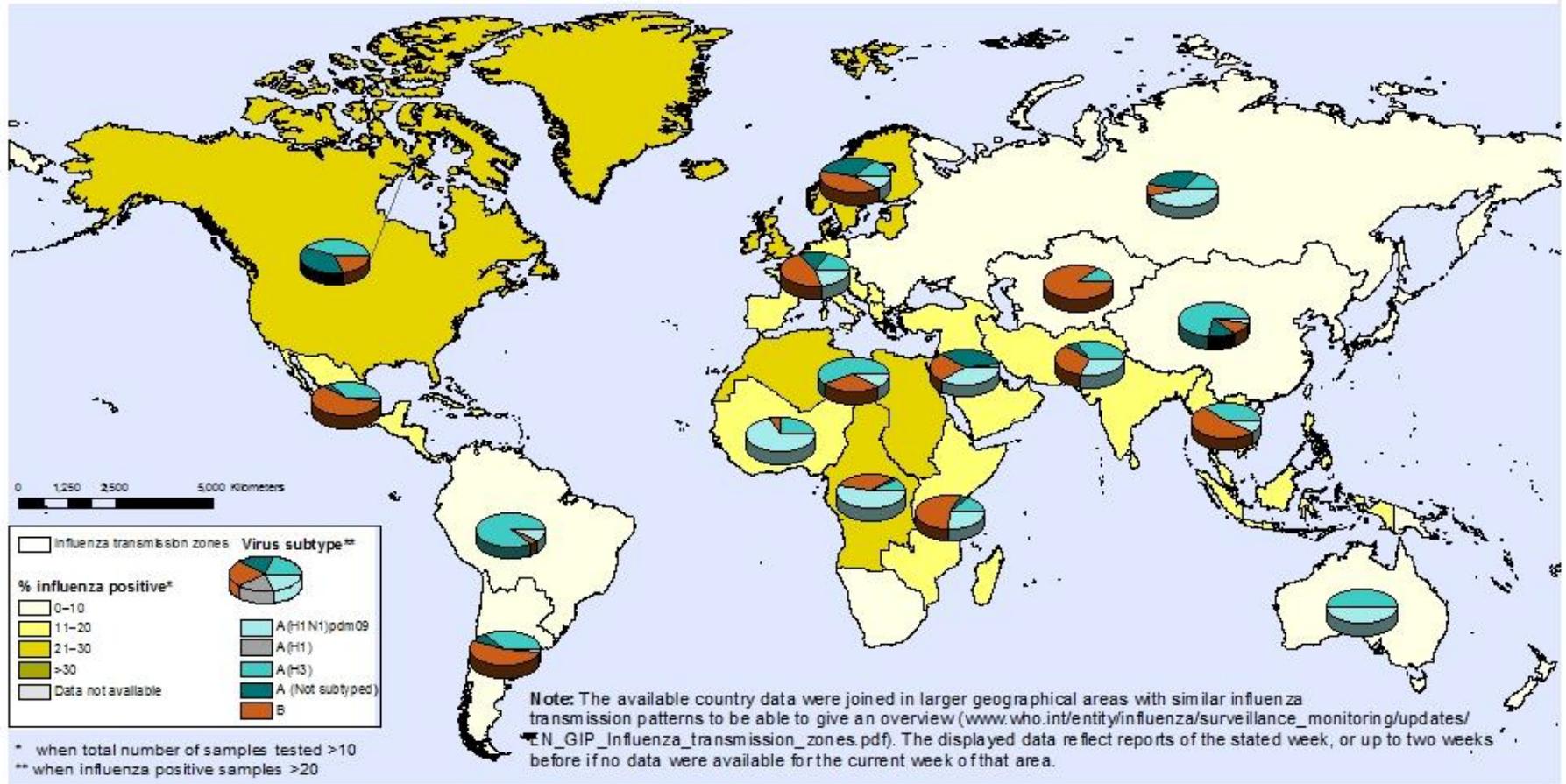
Week Ending January 12, 2013- Week 2



*This map indicates geographic spread and does not measure the severity of influenza activity.

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 51
16 – 22 December 2012



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

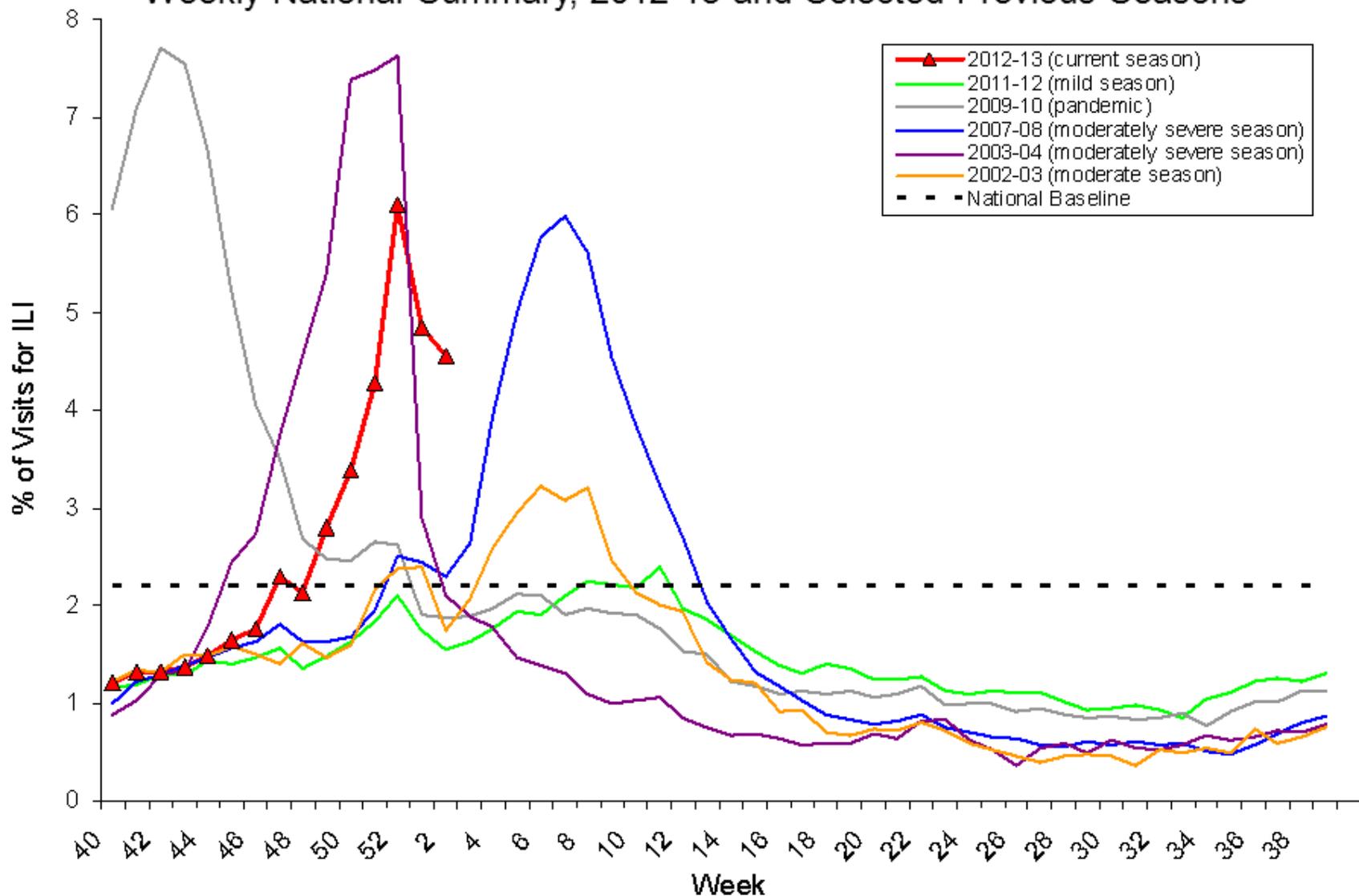
Data Source: WHO/HIP, data in HQ as of 07 January 2013. Data used are from FluNet (www.who.int/flu-net), 08:50 UTC snapshot, from WHO regional offices and/or ministry of health websites.



http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html

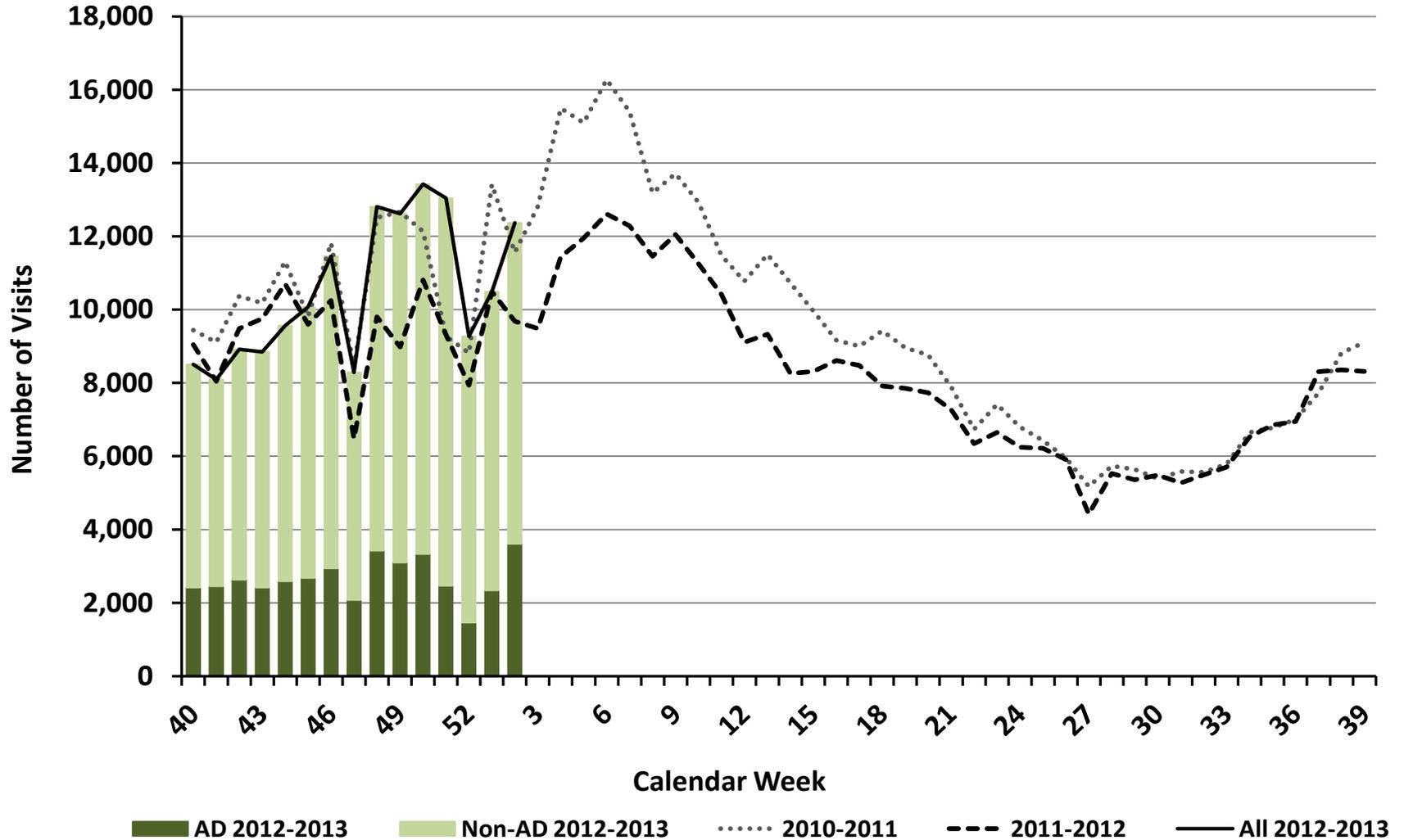
http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013

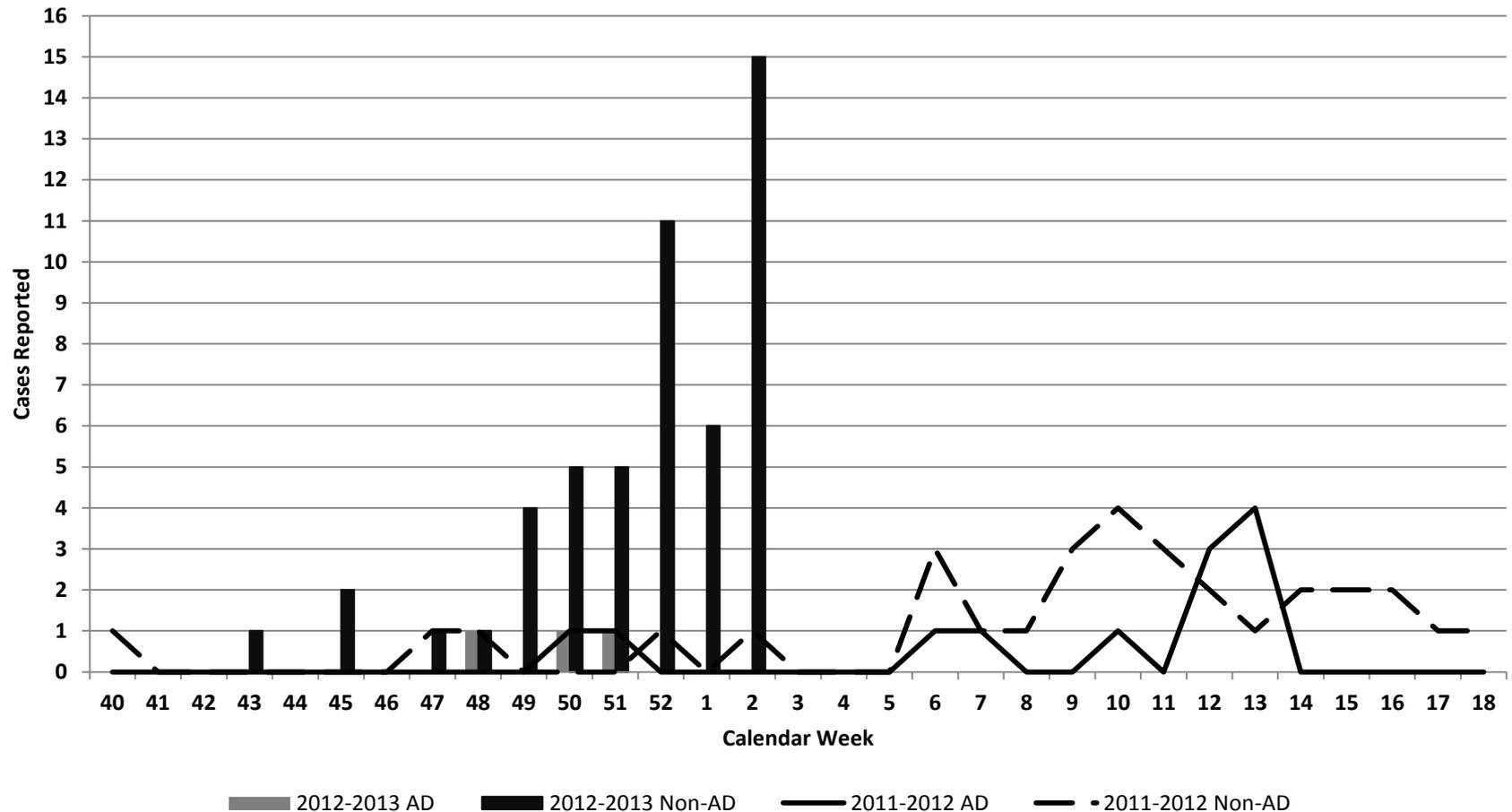


Clinic visits for ILI are obtained from ESSENCE. Data as of 12 January 2013.

Army MTF Laboratory Results, 2012-13

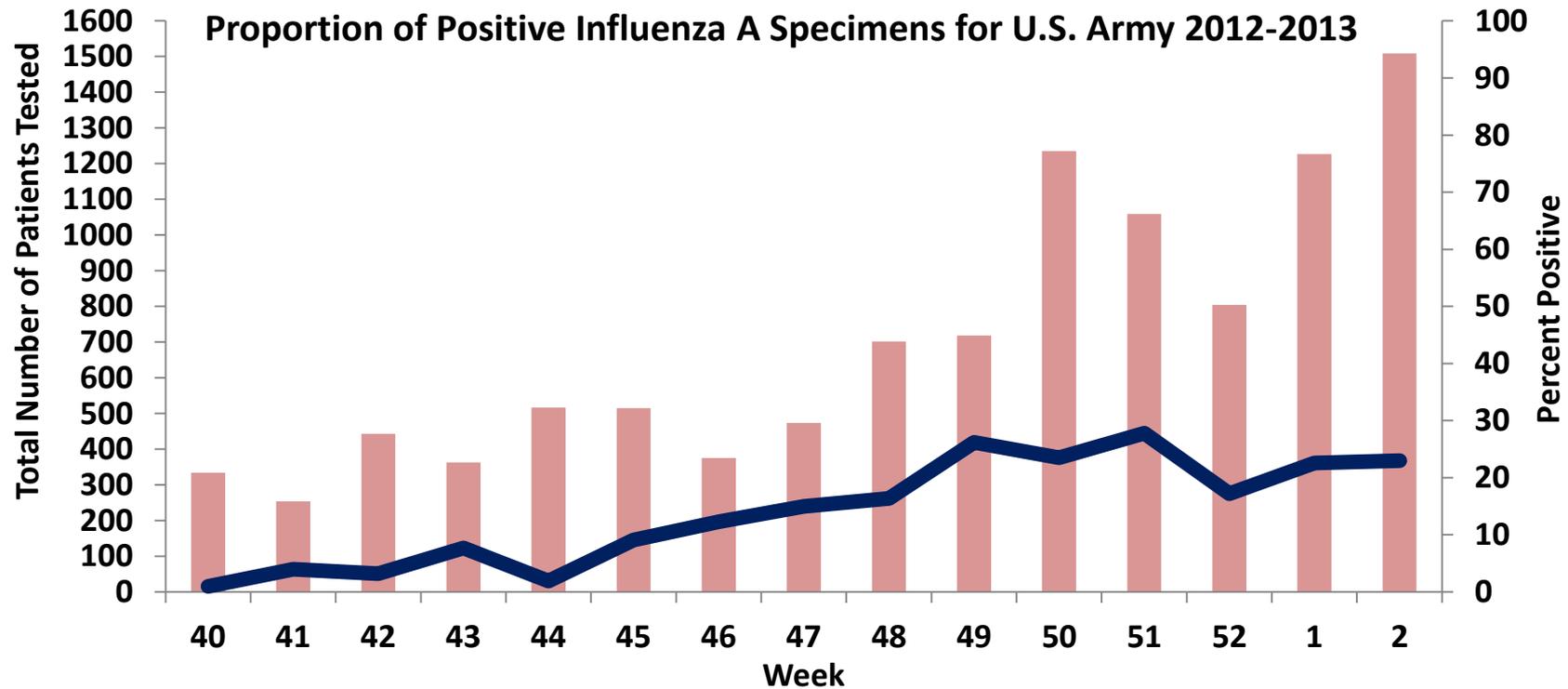
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Army Influenza Cases Reported in DRSi by Week of Symptom Onset



Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information

Data as of 12 January 2013.



Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season

