



Annual West Nile Fever Report REPORT DESCRIPTION

PURPOSE/DESCRIPTION:

The Annual West Nile Fever Report provides information for cases of West Nile fever diagnosed during the last 10 years. This report presents the total cases of West Nile fever, by calendar year, and also provides detail by Service, for active component, Reserve/Guard and other beneficiaries.

FREQUENCY: The Annual West Nile Fever Report is released in April of each year.

DATA SOURCES: DMSS (Defense Medical Surveillance System) reportable events, inpatient and outpatient encounter data.

CASE DEFINITIONS & CAVEATS:

1. Case Definition: West Nile fever cases are those individuals with an ICD-9 code indicative of West Nile fever in any diagnostic position. Case definition includes 1 inpatient encounter, 1 reportable event, or 2 outpatient visits irrespective of data source.
2. Inclusion Criteria: Based on the Tri-Service Reportable Event Guidelines and Case Definitions (June 2009), an ICD-9 code indicative of West Nile fever includes: 066.4x and includes those patients with encephalitis, neurologic manifestations or other complications.
3. Exclusion Criteria: None.
4. Incidence: A lifetime incidence rule applies and an individual may be counted as a case only once during the 10-year surveillance period.
5. Definitions:
 - “MHS Beneficiaries” includes dependents and retirees of the Military Health System (MHS).
 - “Unknown” cohort lacks information on FMP, service, or component; thus these individuals could not be assigned elsewhere. This cohort may include civilians, contractors, or foreign nationals, and does not factor into MHS total counts.
6. Clarifications:
 - Counts represent unique individuals from any data source.
 - Outpatient visits must be within 60 days of each other.
 - Note: West Nile fever became a reportable disease in 2004.

West Nile Fever in Active Component, Reserve/Guard, and Other Beneficiaries 2002 - 2011

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
	Total Count										
Army	-	12	1	1	10	10	4	1	-	1	40
Active Component	-	4	1	1	8	5	3	1	-	-	23
Reserve / Guard	-	8	-	-	2	5	1	-	-	1	17
Navy	-	-	-	1	-	1	1	-	-	-	3
Active Component	-	-	-	1	-	-	1	-	-	-	2
Reserve / Guard	-	-	-	-	-	1	-	-	-	-	1
Marine Corps	-	-	-	-	-	1	-	1	-	-	2
Active Component	-	-	-	-	-	1	-	1	-	-	2
Reserve / Guard	-	-	-	-	-	-	-	-	-	-	-
Air Force	-	5	2	1	7	5	3	-	-	1	24
Active Component	-	5	1	1	6	3	1	-	-	-	17
Reserve / Guard	-	-	1	-	1	2	2	-	-	1	7
Coast Guard											
Active Component											
Reserve / Guard											
MHS Overall	6	110	27	28	44	53	22	9	12	12	323
Active Component	-	9	2	3	14	9	5	2	-	-	44
Reserve / Guard	-	8	1	-	3	8	3	-	-	2	25
MHS Beneficiaries*	6	93	24	25	27	36	14	7	12	10	254
Unknown**	-	2	11	19	19	27	16	9	7	12	122

Case of West Nile includes ICD-9 of 066.4 in any diagnostic position. Case definition includes 1 inpatient encounter, 1 reportable event, or 2 outpatient encounters. Counts represent unique individuals from any data source, with a lifetime incidence rule. Outpatient encounters must be within 60 days of each other.

*Includes MHS dependents and retirees

**No information on FMP, service or component and may include civilians, contractors and foreign nationals. Does not factor into MHS total #'s

Data Sources: Defense Medical Surveillance System (DMSS) as of 01MAY2012

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