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Division of Community and Public Health

USGS map of
Missouri
Human Cases
(updated
weekly)

Missouri Department of Health and Senior Services 2016 Reports of Mosquito-borne Disease in Humans Week 52 Ending December 31, 2016

Total verified domestic human mosquito-borne disease cases: 11 Total verified domestic mosquito-borne disease-related fatalities*: 0

PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.

Table 1: West Nile virus and other domestic arboviruses

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
				Not			
WNV	Probable	No	St. Louis	Imported	8/12/2016	No	Yes
WNV	Probable	No	Cape Girardeau	Not Imported	8/13/2016	No	Yes
WNV	Confirmed	Yes	Jackson	Not Imported	8/15/2016	No	Yes
WNV	Probable	No	Vernon	Not Imported	8/20/2016	No	Yes
WNV	Probable	No	Jackson	Not Imported	9/1/2016	No	Yes
WNV	Probable	No	Clay	Not Imported	9/12/2016	Unknown	Yes
WNV	Probable	No	St. Louis	Not Imported	9/14/2016	No	Yes
WNV	Probable	No	St. Louis	Not Imported	9/17/2016	No	Yes
WNV	Probable	No	St. Louis	Not Imported	9/18/2016	No	Yes
WNV	Probable	No	St. Louis	Not Imported	9/19/2016	Unknown	Unknown
WNV	Probable	No	St. Louis	Not Imported	9/21/2016	No	Yes

Summary of Domestic Human Mosquito-borne Disease Cases Reported by Local Health Agency

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Local Health Agency	Number of Reported Cases		
St. Louis	6		
Cape Girardeau	1		
Jackson	2		
Vernon	1		
Clay	1		

Table 2: Imported Chikungunya virus infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalize d
CHICK	Confirmed	Yes	Not Imported	9/29/2016	Unknown	Unknown

Table 3: Imported dengue infections

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
			Out of			
DEN	Confirmed	Yes	Country	1/15/2016	No	No
			Out of			
DEN	Confirmed	Yes	Country	1/15/2016	No	No
			Out of			
DEN	Probable	No	Country	2/23/2016	No	Yes
			Out of			
DEN	Confirmed	Yes	Country	5/4/2016	No	No
			Out of			
DEN	Confirmed	No	Country	7/14/2016	No	No
			Out of			
DEN	Probable	No	Country	7/16/2016	No	No
			Out of			
DEN	Probable	No	Country	7/25/2016	No	Yes
			Out of			
DEN	Probable	No	Country	8/4/2016	No	No
			Out of			
DEN	Probable	No	Country	8/14/2016	No	No
			Out of			
DEN	Probable	No	Country	8/22/2016	No	No
			Out of			
DEN	Confirmed	Yes	Country	9/9/2016	Unk	Unk
			Out of	10/2-1-06		
DEN	Probable	No	Country	10/27/2016	No	Yes
DEM		27	Out of	11/16/2015		3.7
DEN	Probable	No	Country	11/16/2016	No	No

Table 4: Imported zika infections

orteu zika ii		Laboratory	Imported			
Arbovirus	Case Status	Confirmed	From	Onset Date	Fatality	Hospitalized
			Out of			
ZIKA	Confirmed	Yes	Country	1/13/2016	No	No
		**	Out of	1/10/2015		
ZIKA	Confirmed	Yes	Country	1/13/2016	No	No
ZIKA	Probable	No	Out of Country	2/22/2016	Unk	Unk
ZIKA	TTOOLOIC	110	Out of	2/22/2010	Clik	Olik
ZIKA	Confirmed	Yes	Country	3/29/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	6/1/2016	Unk	Unk
77117 A	D 1 11	N	Out of	6/7/2016	NT	37
ZIKA	Probable	No	Country Out of	6/7/2016	No	Yes
ZIKA	Confirmed	Yes	Country	6/7/2016	Unk	Unk
ZIIV	Commined	103	Out of	0/7/2010	Olik	CIIK
ZIKA	Confirmed	Yes	Country	6/9/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	6/9/2016	No	Unk
77117. A	Confirm 1	37	Out of	6/16/2016	TT1	T.T1
ZIKA	Confirmed	Yes	Country Out of	6/16/2016	Unk	Unk
ZIKA	Confirmed	Yes	Country	6/16/2016	Unk	Unk
			Out of	0.00,000		U
ZIKA	Confirmed	Yes	Country	6/23/2016	No	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	7/1/2016	No	Unk
ZIKA	Confirmed	Yes	Out of Country	7/9/2016	No	No
ZIKA	Commined	105	Out of	1/9/2010	110	110
ZIKA	Confirmed	Yes	Country	7/15/2016	Unk	Unk
			Not			
ZIKA	Probable	No	Imported	7/18/2016	Unk	Yes
77117 A	G 6 1	37	Out of	7/10/2016	NT	N
ZIKA	Confirmed	Yes	Country Out of	7/19/2016	No	No
ZIKA	Confirmed	Yes	Country	7/27/2016	No	No
		100	Out of	772772010	110	1,0
ZIKA	Probable	No	Country	7/28/2016	Unk	Unk
		**	Out of	7/20/2015		
ZIKA	Confirmed	Yes	Country	7/29/2016	No	No
ZIKA	Confirmed	Yes	Out of Country	7/30/2016	No	No
Ziixi	Commined	100	Out of	7750/2010	110	110
ZIKA	Confirmed	Yes	Country	7/31/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/1/2016	Unk	Unk
ZIKA	Confirmed	Yes	Out of Country	8/1/2016	Unk	Unk
LINA	Commined	1 68	Out of	0/1/2010	UIIK	UIIK
ZIKA	Probable	No	Country	8/2/2016	Unk	Unk
			Out of	-		
ZIKA	Confirmed	Yes	Country	8/6/2016	Unk	Unk
77117 A	C. C. 1	T 7	Out of	0/7/0016	».T	N.Y
ZIKA	Confirmed	Yes	State Out of	8/7/2016	No	No
ZIKA	Confirmed	Yes	Country	8/8/2016	Unk	Unk
2111/1	Committee	105	Country	5, 5, 2010	OIII	CIIK

			Out of			
ZIKA	Confirmed	Yes	Country	8/10/2016	Unk	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	8/14/2016	Unk	Unk
			Not			
ZIKA	Probable	No	Imported	8/14/2016	No	No
			Out of			
ZIKA	Probable	No	Country	8/14/2016	No	Yes
			Out of			
ZIKA	Confirmed	Yes	Country	8/15/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	9/11/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	9/26/2016	No	Unk
			Out of			
ZIKA	Confirmed	Yes	Country	10/21/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	10/31/2016	No	No
			Out of			
ZIKA	Confirmed	Yes	Country	11/7/2016	Unk	Unk

WNV = West Nile virus

SLE = **St.** Louis encephalitis virus

DEN = dengue virus

EEE = **Eastern Equine encephalitis virus**

CHIK = chikungunya virus

ZIKA = zika virus

N/A = Information not available

*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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