

# Outbreak Report for February 2019 West Virginia

During the month of February 2019, there were 39 outbreaks reported in West Virginia. Thirty-eight (97%) were confirmed as outbreaks or clusters of disease, one was determined not to be an outbreak. Twenty-one were reported from healthcare facilities, ten from schools, three from daycares, two from communities, and two from correctional facilities.

Of the 21 healthcare-associated outbreaks, 18 (86%) were reported from long-term care facilities (LTCF) and three from hospitals.

The rest of this report describes the types and settings of the outbreaks. All data provided is provisional.

## Respiratory Outbreaks During the Month of February 2019 (n=29)

Type of Outbreak or Cluster	Number of Outbreaks	Outbreak Setting	Laboratory Testing	Number of Cases
Influenza	21	9 LTCF	4 Lab Confirmed	34, 14, 13, 4
			5 Rapid Test	9, 8, 8, 5, 4
		6 Schools	Rapid Test	Absentee Rates: 22%, 20%, 19%, 19%, 19%, 115
		3 Daycare	Lab Confirmed	2
			Rapid Test	18, 3
		2 Hospitals	Lab Confirmed	11, 6
		1 Correctional Facility	Lab Confirmed	17
Acute Respiratory Syndrome	5	3 Schools	No Testing Done	Absentee Rates: 47%, 22%, 22%
		1 LTCF	Testing Negative	21
		1 Correctional Facility	No Testing Done	20
Streptococcal Pharyngitis	1	School	Confirmed	32
Parainfluenza/ Respiratory syncytial virus	1	LTCF	Confirmed	17
Human Metapneumovirus	1	LTCF	Confirmed	5

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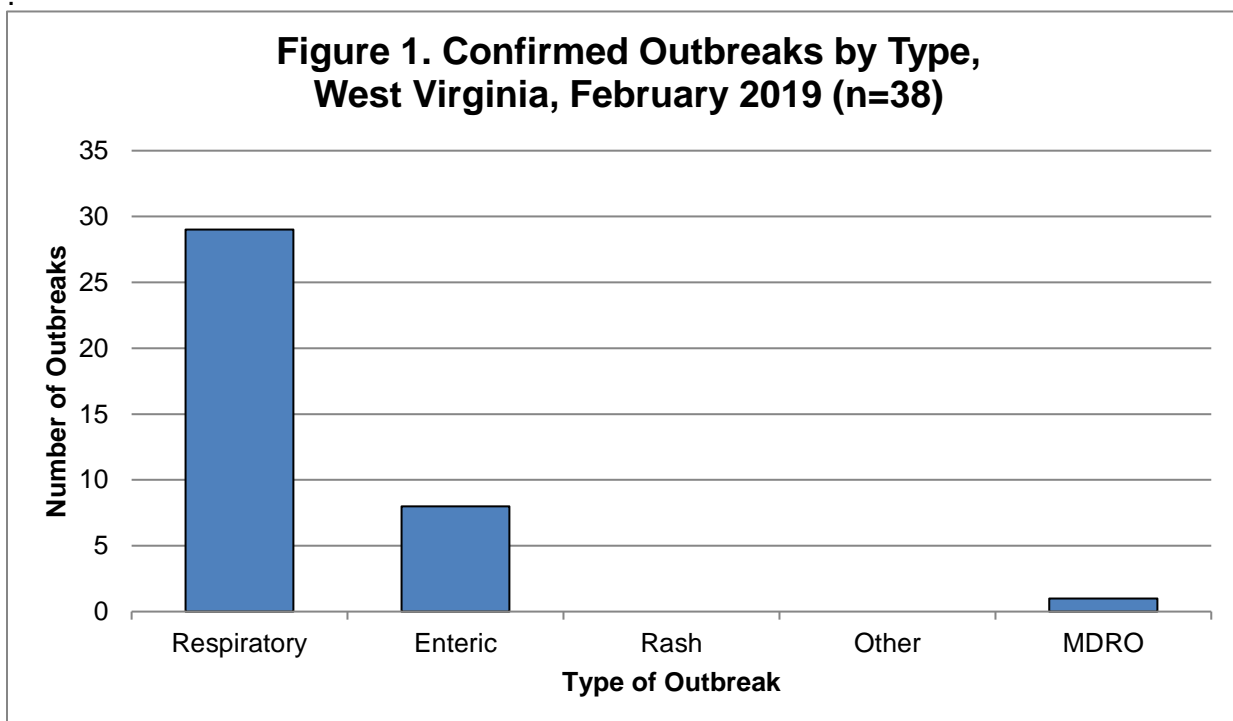
## Enteric Disease Outbreaks During the Month of February 2019 (n=8)

Type of Outbreak or Cluster	Number of Outbreaks	Outbreak Setting	Laboratory Testing	Number of Cases
Norovirus Gastroenteritis	2	2 LTCF	Lab Confirmed	21, 20
Salmonellosis	1	Community	Lab Confirmed	3
Acute Gastroenteritis with multiple etiologies	1	Community	Lab Confirmed	7
Acute Gastroenteritis	4	LTCF	No Testing Done	29, 13, 8, 7

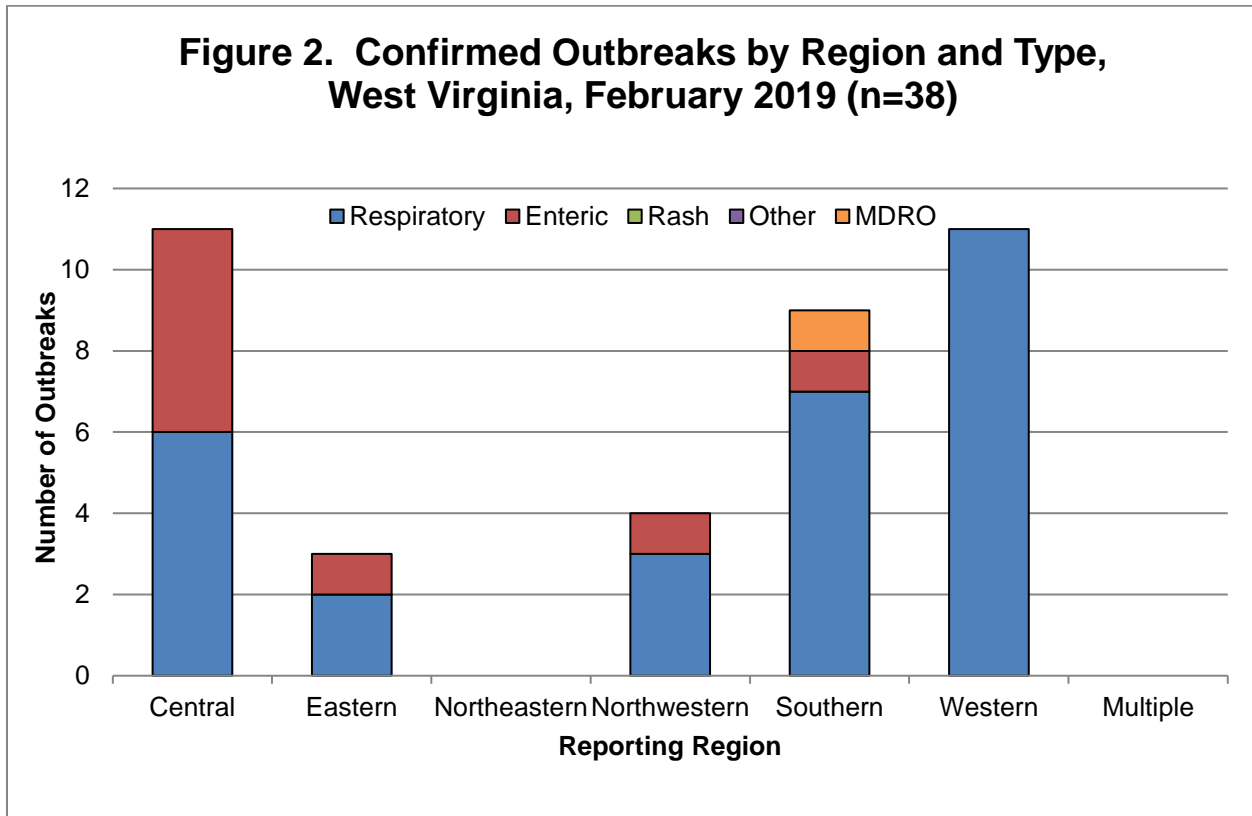
## Multidrug Resistant Organism Outbreaks (MDRO) of February 2019 (n=1)

Type of Outbreak or Cluster	Number of Outbreaks	Outbreak Setting	Laboratory Testing	Number of Cases
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	1	Hospital	Lab Confirmed	3

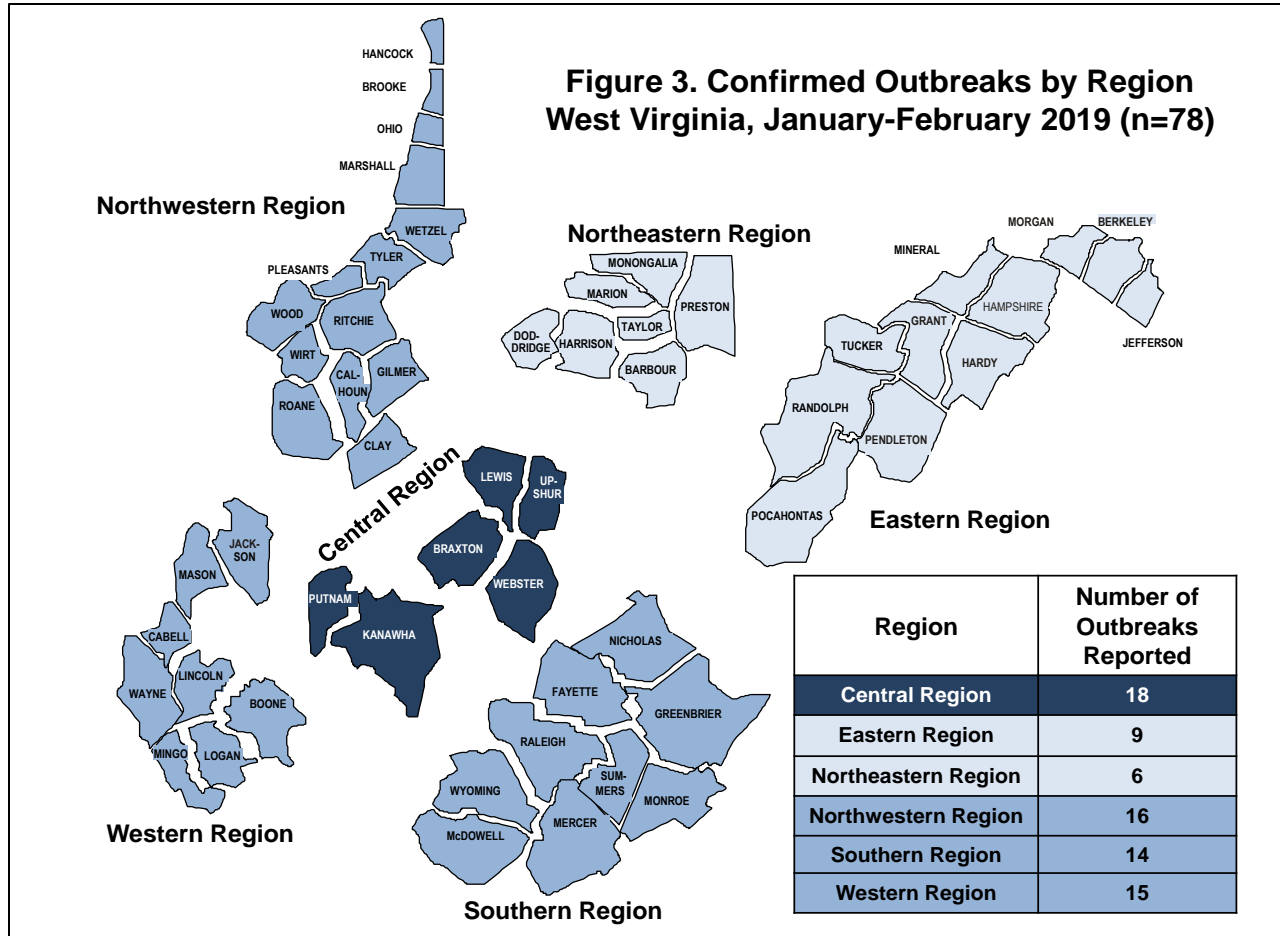
Figure 1 illustrates confirmed outbreaks by type, and Figure 2 depicts outbreak types by surveillance region. A map of West Virginia showing all outbreaks or clusters of disease by region for 2019 is shown in Figure 3.



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The West Virginia Department of Health and Human Resources, Bureau for Public Health (BPH) continues to investigate cases of hepatitis A in the state as part of the multi-state outbreak that is occurring nationally. Persons who use injection and non-injection drugs, persons with unstable housing or who are homeless, persons with recent history of incarceration, and men who have sex with men are considered at considerable risk for infection. As of March 1, 2019, there have been 2,386 cases in 43 counties from all surveillance regions. Vaccination of high-risk groups continues to be an important strategy in preventing new cases. Additional information on this outbreak can be found at [www.hepawarewv.org](http://www.hepawarewv.org).

For information on outbreak guidelines or any disease or condition, please visit the Division of Infectious Diseases Epidemiology's website at [www.dide.wv.gov](http://www.dide.wv.gov) or call (304) 558-5358 ext. 1, or toll-free in West Virginia 1 (800) 423-1271 (24/7/365).

Remember that outbreaks should be reported immediately to the local health department.

This report is sent monthly. Please feel free to contact us if you have any questions or concerns regarding this report.