

Outbreak Report for September 2016 West Virginia

During the month of September 2016, there were 32 outbreaks reported in West Virginia. Thirty-one (97%) were confirmed as outbreaks or clusters of disease and one was investigated and determined not to be an outbreak. Sixteen were reported from schools, five from daycares, five from healthcare facilities, two from communities, and two from sports teams and one is part of a multi-state investigation.

Four healthcare-associated outbreaks were reported from long-term care facilities (LTCFs) and one from a hospital.

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

Rash Outbreaks During the Month of September 2016 (n=23)

| Type of Outbreak or Cluster | Number of Outbreaks | Outbreak Setting | Laboratory Testing | Number of Cases |
|---|---------------------|------------------|--------------------|---|
| Hand, Foot and Mouth Disease (HFMD) | 20 | 14 Schools | Not Done | 40, 8, 7, 7, 4, 4, 4, 4, 4, 4, 3, 3, 3, 3 |
| | | 5 Daycares | Not Done | 6, 5, 4, 4, 3 |
| | | 1 Community | Not Done | 70 |
| Impetigo | 2 | Sports Team | Negative | 7 |
| | | School | Not Done | 6 |
| <i>Staphylococcus aureus</i> Skin Infection | 1 | Sports Team | Lab Confirmed | 9 |

Respiratory Outbreaks During the Month of September 2016 (n=5)

| Type of Outbreak or Cluster | Number of Outbreaks | Outbreak Setting | Laboratory Testing | Number of Cases |
|----------------------------------|---------------------|------------------|--------------------------|-----------------|
| <i>Streptococcal</i> Pharyngitis | 1 | School | Rapid Test | 5 |
| Rhinovirus Respiratory Illness | 1 | LTCF | Lab Confirmed | 16 |
| Acute Respiratory Illness | 3 | LTCFs | 1 Negative 2 Not Done | 28 23, 8 |

Enteric Disease Outbreaks During the Month of September 2016 (n=2)

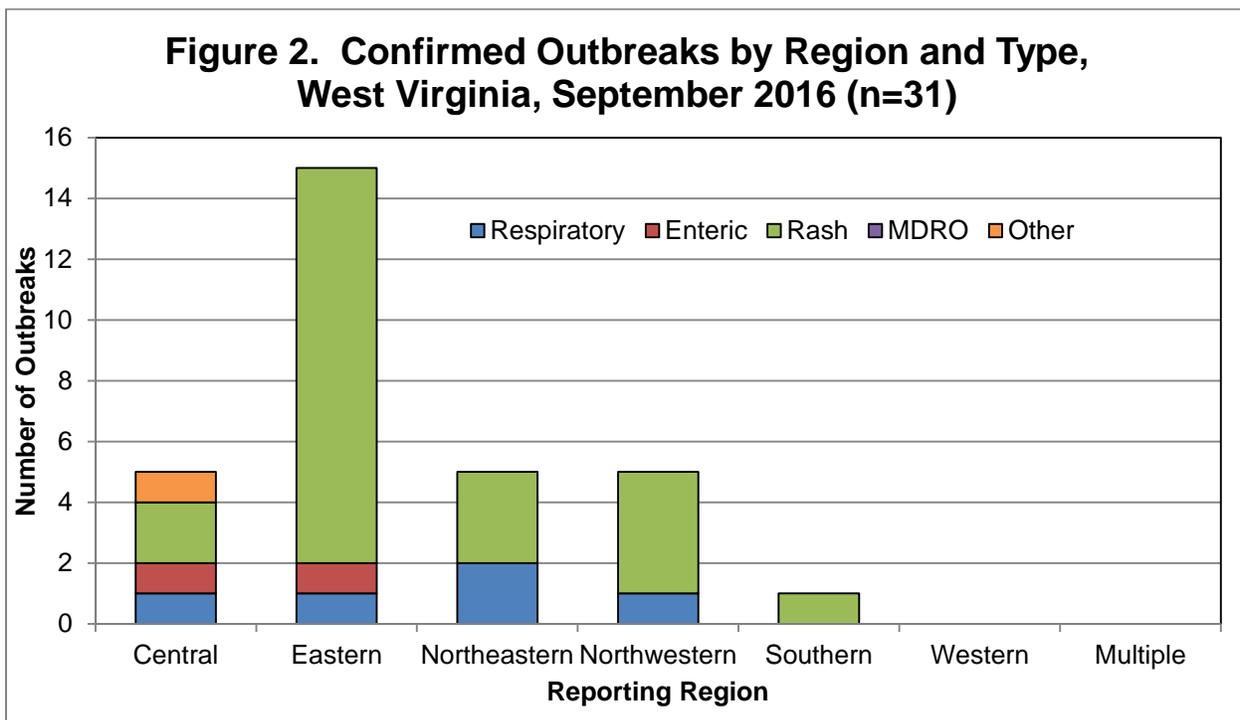
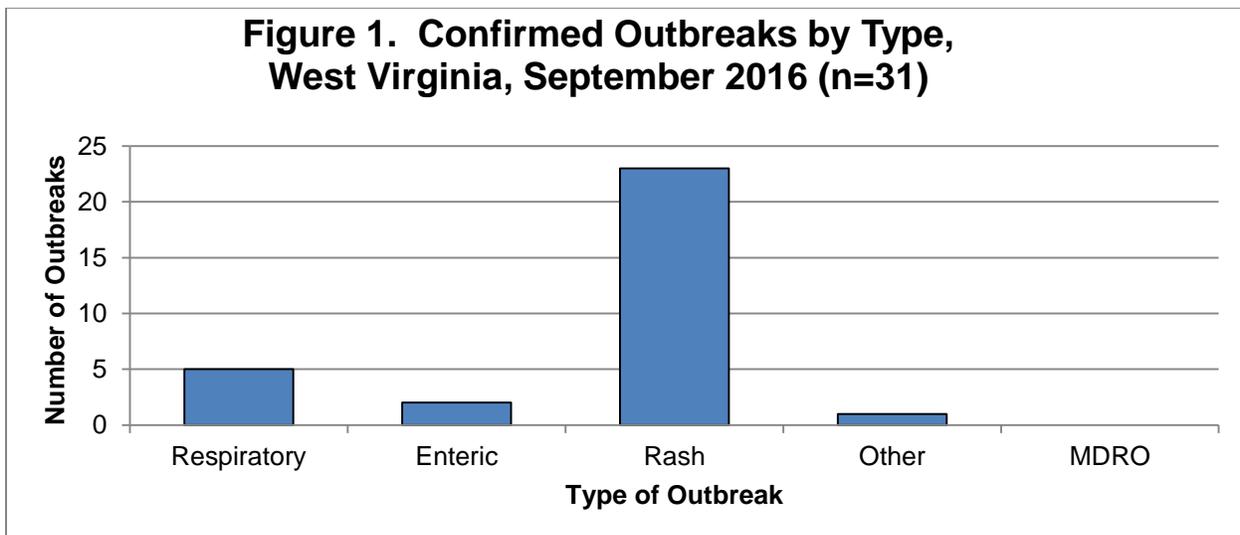
| Type of Outbreak or Cluster | Number of Outbreaks | Outbreak Setting | Laboratory Testing | Number of Cases |
|--------------------------------------|---------------------|------------------|--------------------|-----------------|
| Shiga toxin-producing <i>E. coli</i> | 2 | Community | Confirmed | 2 |
| | | Multi-state | | 1 |

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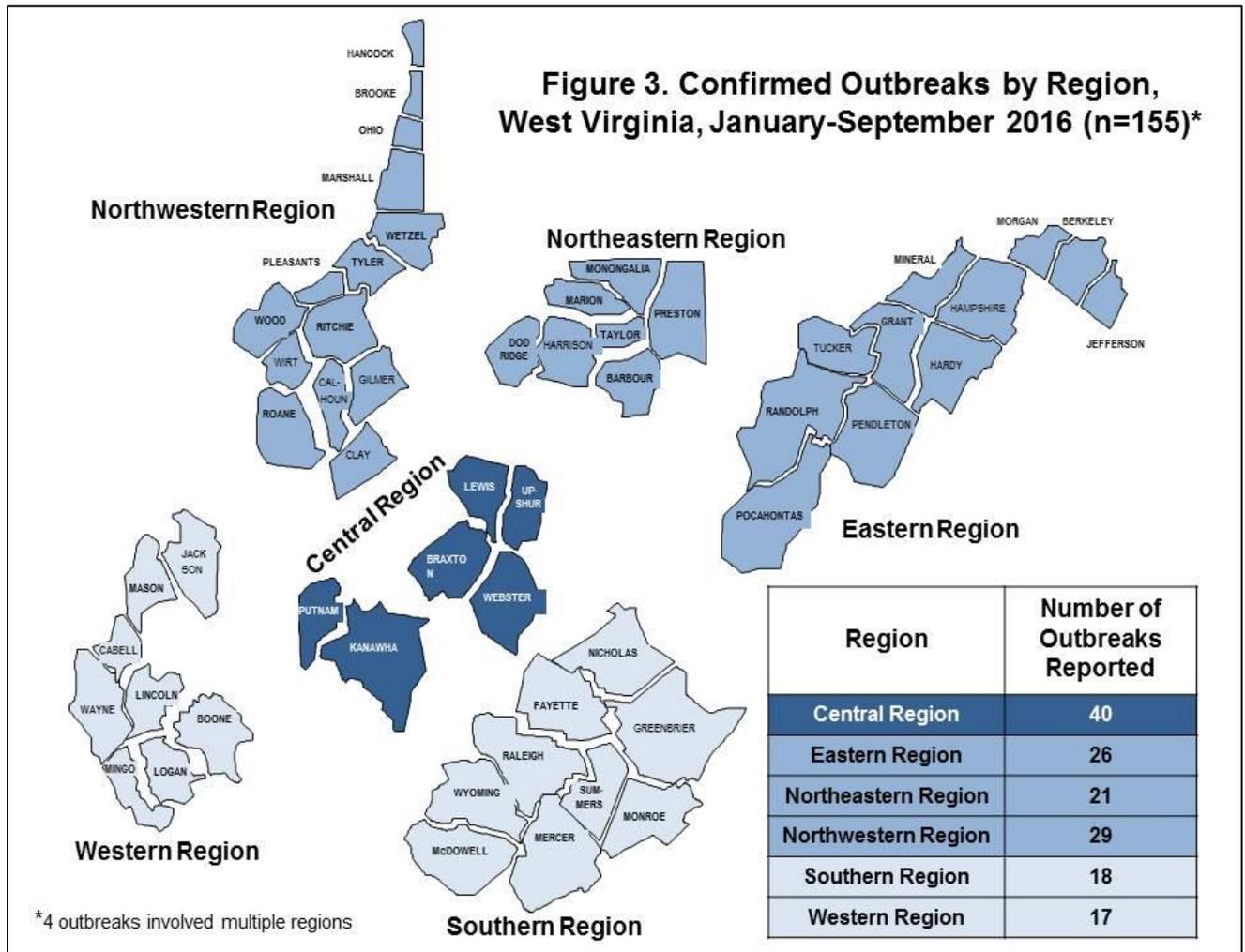
Other Outbreaks During the Month of September 2016 (n=1)

| Type of Outbreak or Cluster | Number of Outbreaks | Outbreak Setting | Laboratory Testing | Number of Cases |
|-------------------------------|---------------------|------------------|--------------------|-----------------|
| <i>Pseudomonas aeruginosa</i> | 1 | Hospital | Not Done | 6 |

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 2016 is shown in Figure 3.



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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 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 on a monthly basis. Please feel free to contact us if you have any questions or concerns regarding this report.