

**West Virginia Bureau for Public Health
Hand, Food, and Mouth Disease (HFMD) Outbreak Report Form**

Instructions: Please complete this report form for all HFMD outbreaks. Be sure to fill in all fields to ensure completeness of the report. Sharing a copy of this report with the facility will aid the facility in prevention and control efforts. **Local Health Departments are encouraged to complete this report and give a copy to the facility at the earliest possible time, i.e., before the outbreak is 'over,' so that the facility has adequate recommendations for outbreak control.** The outbreak may be closed administratively as soon as the report is generated and shared with the facility. HFMD outbreaks are generally benign; and the daycare does NOT need to report additional cases after the outbreak is closed unless they are associated with medical complications (hospitalization, myocarditis, encephalitis, etc.). Please fax completed forms to the Division of Infectious Disease Epidemiology (DIDE) at (304)-558-8736.

Outbreak number: _____

Contact information for person who first notified health department about the outbreak:

Reported by: _____ Affiliation: _____

Date Reported:

Person Contacted: _____ Affiliation: _____

Date investigation initiated by the agency:

Name(s) Report Prepared By: _____ Title(s): _____

County: _____ Region: _____ Telephone: _____

INTRODUCTION AND BACKGROUND

At the time of the initial report:

# of Ill Attendees		# of Ill Staff	
Total # of Attendees		Total # of Staff	

Facility name: _____

Name of Facility Contact: _____

Facility address: _____

Date of first onset: [Click here to enter a date.](#) Date of most recent case: [Click here to enter a date.](#)

METHODS

Case Definitions (check definitions used for this outbreak):

Confirmed Case Definition

Tiny blisters in two or more body sites (palms, soles, mouth, or buttocks) and laboratory confirmed enterovirus by PCR or culture; or epidemiological link to a confirmed case

Probable Case Definition

Tiny blisters in two or more body sites (palms, soles, mouth, or buttocks) and physician diagnosed HFMD

Suspect Case Definition

Tiny blisters in two or more body sites (palms, soles, mouth, or buttocks) and pending laboratory or physician confirmation

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Investigation Methods (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> Spoke with administrator | <input type="checkbox"/> Conducted interviews or survey |
| <input type="checkbox"/> Site visit | <input type="checkbox"/> Confirmed diagnosis |
| <input type="checkbox"/> Conference call with facility | <input type="checkbox"/> Performed environmental assessment |
| <input type="checkbox"/> Defined & identified cases | <input type="checkbox"/> Other, specify: _____ |

Data Collection (Check all that apply):

- Line list Facility report of cases
 Other, please specify: _____

Data Analysis:

- Descriptive (e.g. Epi Curve, attack rates)
 Other, please specify: _____

RESULTS *Attach any epidemic curve and/or other data analysis (Section is to be completed at time of outbreak closure)*

- The number of cases has not changed from the initial report. Please see "Introduction and Background"

Final # of Ill Attendees*:		Final # of Ill Staff*:	
Total # of Attendees:		Total # of Staff:	

*Number who meet probable or confirmed case definition used for outbreak

Clinical Illness Characteristics: Predominant Symptoms *(Check all that apply):*

- | | |
|--------------------------------------|---|
| <input type="checkbox"/> Fever | <input type="checkbox"/> Runny Nose |
| <input type="checkbox"/> Sore Throat | <input type="checkbox"/> Crankiness |
| <input type="checkbox"/> Cough | <input type="checkbox"/> Mouth Sores |
| <input type="checkbox"/> Diarrhea | <input type="checkbox"/> Tiny Blisters (Vesicles) |

Laboratory (attach copies of any laboratory results):

- Laboratory tests done? No Yes If yes, please describe results _____
 Other results _____

CONCLUSION/DISCUSSION

A person-to-person outbreak of HFMD occurred at _____ that affected _____ attendees and _____ staff members. Illness onsets ranged from Click here to enter a date. to Click here to enter a date.

Additional Information, if needed: _____

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RECOMMENDATIONS (based on Reference 1)

The following recommendations should be used to help control the outbreak.

- Children with HFMD do not need to be excluded unless the child cannot participate or staff determine that they cannot care for the child safely without compromising the safety of other children in the group. Excessive drooling may be challenging to manage in some children. If the child meets other exclusion criteria according to daycare policy, the child should be excluded.

- Hand hygiene is extremely important in daycare settings. Hand hygiene facilities, soap and towels and waste receptacles should be readily accessible in each room. Wash hands:
 - Before and after preparing food or beverages;
 - Before and after eating, handling food, or feeding a child;
 - Before and after giving medication or applying an medical ointment or cream in which a break in the skin (sore, cut, scrape, etc.) may be encountered;
 - Before and after playing in water (including swimming- that is used by more than one person
 - After checking a diaper for wetness or soiling, or diapering or changing soiled training pants or underwear;
 - After using the toilet or helping a child use the toilet;
 - After handling body fluid (including mucus, blood, vomit) or after sneezing, wiping and blowing noses, mouths, or touching or cleaning sores.
 - After handling uncooked food;
 - After handling animals or cleaning up animal waste;
 - After playing in sand, on wooden play sets, and outdoors;
 - After cleaning or handling the garbage.

- Cough etiquette is also very important in daycare settings. Staff should:
 - Model appropriate behavior by coughing and sneezing into their sleeves or a tissue and discard the tissue and wash hands afterwards;
 - Teach children to do the same, when age appropriate.
 - Make tissues and waste receptacles readily available and within reach of staff.
 - Practice and teach hand hygiene after coughing or sneezing or wiping or blowing nos

- Increase environmental cleaning using a US Environmental Protection Agency (EPA) registered disinfectant or a hospital grade disinfectant. Concentrate on frequently touched surfaces. Detailed recommendations can be found in reference 1.

ADDITIONAL RECOMMENDATIONS

- Provide educational in-service to staff on _____.
- Improve timeliness of reporting to the local health department. Outbreaks should be reported immediately to: _____.
- Other, please specify: _____
- Other, please specify: _____

Additional Comments: _____

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References:

(1) American Academy of Pediatrics, "Managing infectious diseases in child care and schools."
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