

EV SCAN is a weekly report produced by the Enteric and Vector-borne Disease Office of the Centre for Health Protection, Department of Health. It summarises the surveillance findings of local situation of hand, foot and mouth disease (HFMD) and enterovirus 71 (EV71) infection.

## HIGHLIGHTS

- The activity of hand, foot and mouth disease (HFMD) is at high level in Hong Kong.
- The usual peak season for HFMD and EV71 infection is from May to July. In the past few years, a smaller winter peak also occurred from October to December.
- HFMD is a common disease in children usually caused by enteroviruses such as Coxsackie viruses and EV71. EV71 infection is of particular concern as it is more likely to be associated with severe medical complications and even death.

## LATEST FIGURES IN HONG KONG

### HFMD (including herpangina) institutional outbreaks

| Time Period                                            | Number reported |
|--------------------------------------------------------|-----------------|
| This week, preliminary data (Week 49, Nov 29 to Dec 3) | 34              |
| Last week (Week 48, Nov 22 to Nov 28)                  | 64              |
| 2015 as of Dec 3                                       | 614             |

### Laboratory confirmed EV71 infection

| Time Period                                            | Number reported |
|--------------------------------------------------------|-----------------|
| This week, preliminary data (Week 49, Nov 29 to Dec 3) | 0               |
| Last week (Week 48, Nov 22 to Nov 28)                  | 1               |
| 2015 as of Dec 3                                       | 56              |
| Cases with severe complication in 2015 as of Dec 3     | 6               |
| Fatal cases in 2015 as of Dec 3                        | 0               |

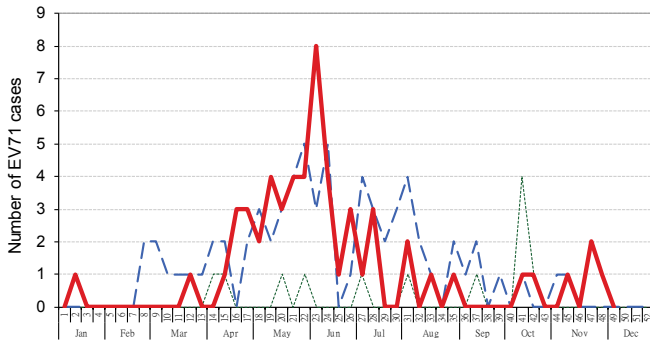
### Severe paediatric enterovirus infection (other than EV71 and poliovirus)

| Time Period                                            | Number reported |
|--------------------------------------------------------|-----------------|
| This week, preliminary data (Week 49, Nov 29 to Dec 3) | 0               |
| Last week (Week 48, Nov 22 to Nov 28)                  | 0               |
| 2015 as of Dec 3                                       | 8               |
| Fatal cases in 2015 as of Dec 3                        | 0               |

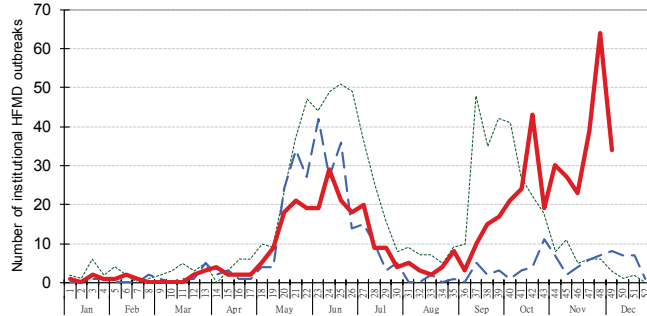
## ANNUAL NUMBER OF HFMD OUTBREAKS AND EV71 INFECTION IN HONG KONG

| Year | Number of HFMD (including herpangina) institutional outbreaks | Persons affected in HFMD (including herpangina) institutional outbreaks | Number of EV71 cases | Number of EV71 deaths |
|------|---------------------------------------------------------------|-------------------------------------------------------------------------|----------------------|-----------------------|
| 2009 | 103                                                           | 727                                                                     | 31                   | 1                     |
| 2010 | 851                                                           | 5025                                                                    | 101                  | 0                     |
| 2011 | 253                                                           | 1370                                                                    | 68                   | 1                     |
| 2012 | 382                                                           | 2216                                                                    | 59                   | 0                     |
| 2013 | 779                                                           | 5151                                                                    | 12                   | 0                     |
| 2014 | 346                                                           | 2087                                                                    | 68                   | 1                     |

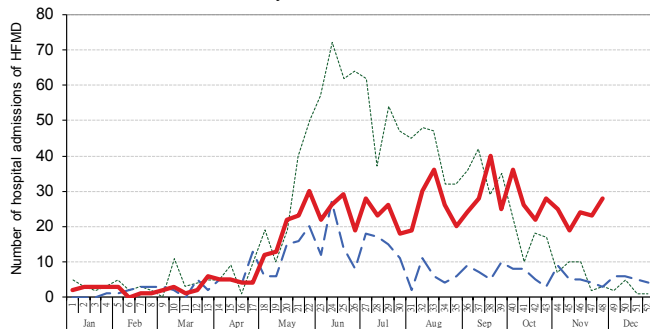
**Figure 1. No. of EV71 cases by week since 2013  
(preliminary data for this week)**



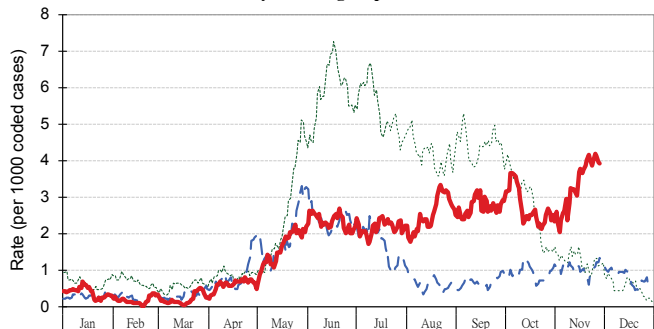
**Figure 2. No. of HFMD institutional outbreaks by week since 2013 (preliminary data for this week)**



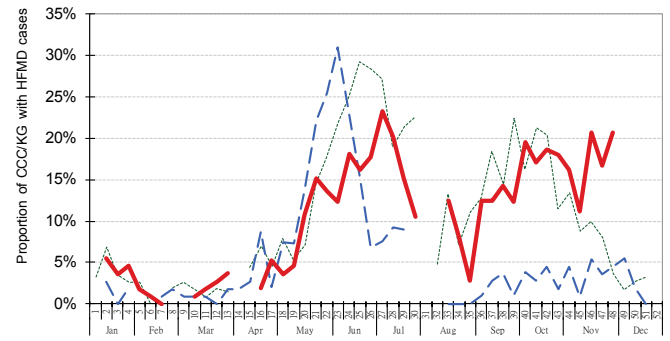
**Figure 3. No. of hospital admission episodes of HFMD by week since 2013**



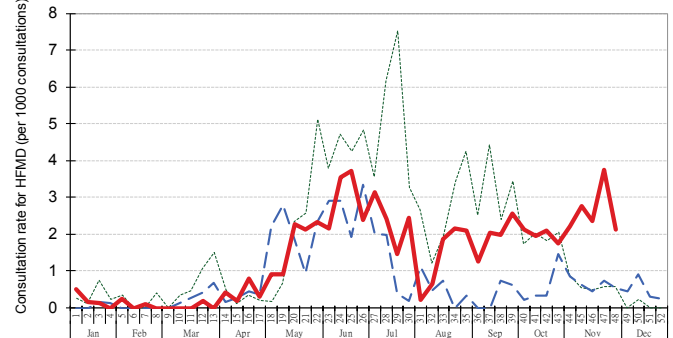
**Figure 4. Accident & Emergency Departments surveillance of HFMD syndrome group since 2013**



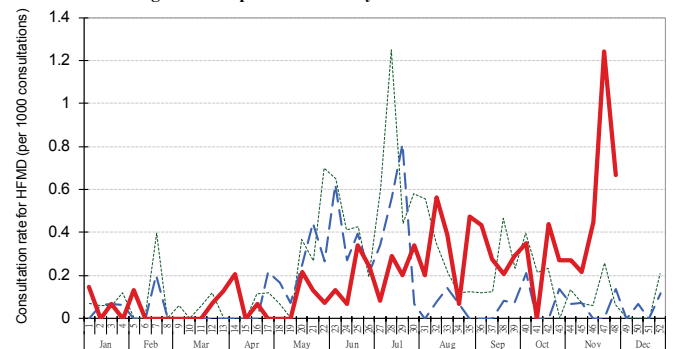
**Figure 5. HFMD sentinel surveillance based at child care centres/kindergartens by week since 2013**



**Figure 6. HFMD sentinel surveillance among general practitioners by week since 2013**



**Figure 7. HFMD sentinel surveillance among general outpatient clinics by week since 2013**



Legend: ----- 2013    - - - - 2014    ——— 2015