

HINT Report

Weekly Disease Surveillance Report

KEY INDICATORS^{1,2} | MMWR WEEK 36^{3,4} | 9/06/15 TO 9/12/15

Syndromic Indicators

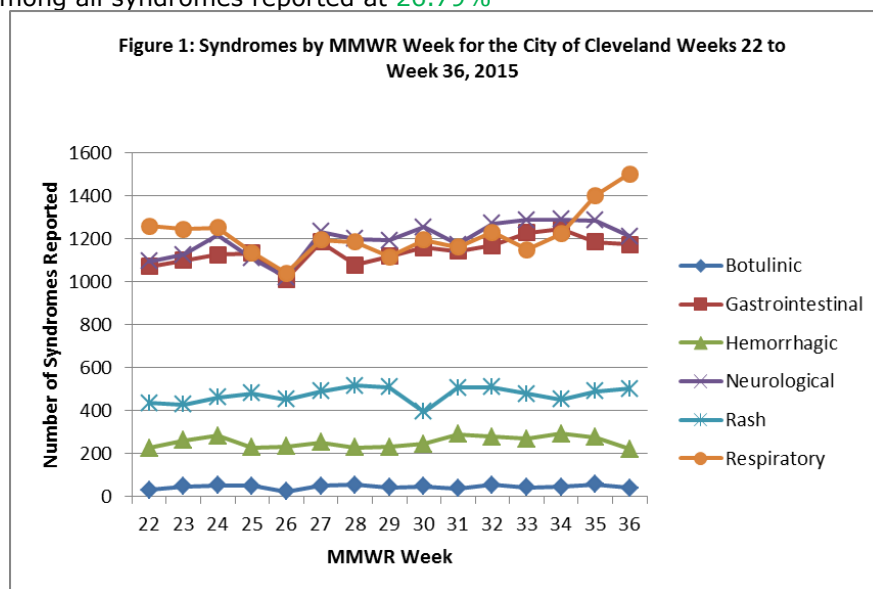
Respiratory syndromes represented the largest number of cases for the week

- Cases peaked on Friday, September, 11th, 2015
- Cases increased by 7.06% compared to last week (↑)
- Cases increased by 12.43% compared to last year⁵ (↑)
- Overall cases have been trending upward (↑1 week)

Neurological syndromes represented the second largest number of cases for the week

- Cases peaked on Friday, September 11th, 2015
- Cases decreased by 5.68% compared to last week (↓)
- Cases increased by 22.67% compared to last year (↑)
- Overall cases have been trending downward (↓1 week)

Botulinic syndromes represented the largest percentage weekly decrease among all syndromes reported at 26.79%



Infectious Disease Symptoms Indicators

Fever symptoms represented the largest number of cases for the week

- Cases peaked on Tuesday, September 8th, 2015
- Cases increased by 14.33% compared to last week (↑)
- Cases decreased by 6.00% compared to last year (↓)
- Overall cases have been trending upward (↑1 week)

Cough symptoms represented the second largest number of cases for the week

- Cases peaked on Tuesday, September 8th, 2015
- Cases increased by 6.15% compared to last week (↑)
- Cases decreased by 4.80% compared to last year (↓)
- Overall cases have been trending upward (↑1 week)

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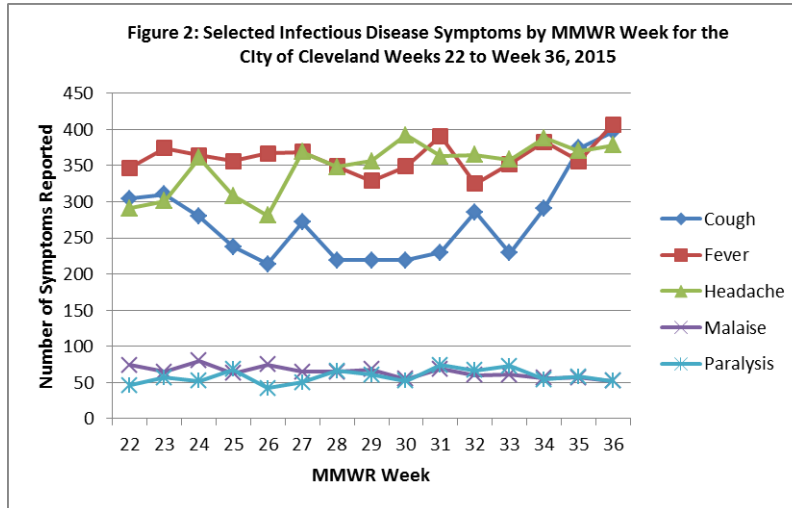
www.clevelandhealth.org



Disease Surveillance Report for
MMWR Week 36

HINT Report

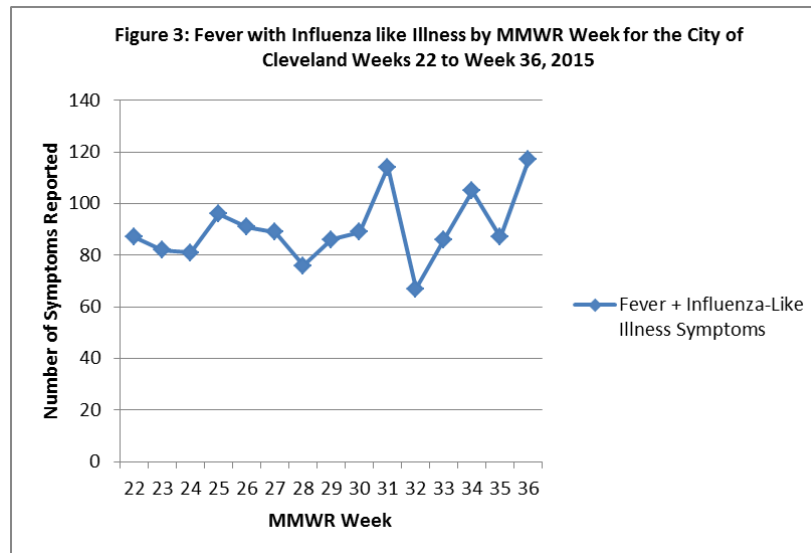
Paralysis symptoms represented the largest weekly decrease among all symptoms reported at 10.34%



Influenza Indicators

Fever + Influenza like Illness represented the largest number of cases for the week:

- Cases peaked on Tuesday, September 8th, 2015
- Cases increased by 34.48% compared to last week (↑)
- Cases increased by 12.50% compared to last year (↑)
- Overall cases have been trending upward (↑1 week)



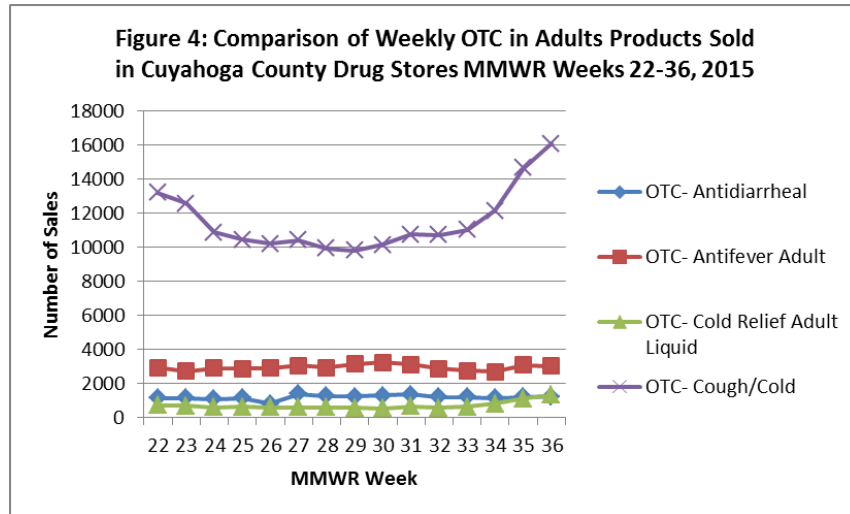
Over-the-Counter (OTC) Medication Sales for Adults (Cuyahoga County)

Cough/Cold medication represented the largest number of sales for the week:

- Sales peaked on Wednesday, September 9th, 2015
- Sales increased by 9.55% compared to last week (↑)
- Sales increased by 2.78% compared to last year (↑)
- Overall sales have been trending upward (↑1 week)

HINT Report

Cold Relief Adult Liquid medications represented the largest weekly increase among all OTC adult medications at **19.87%**

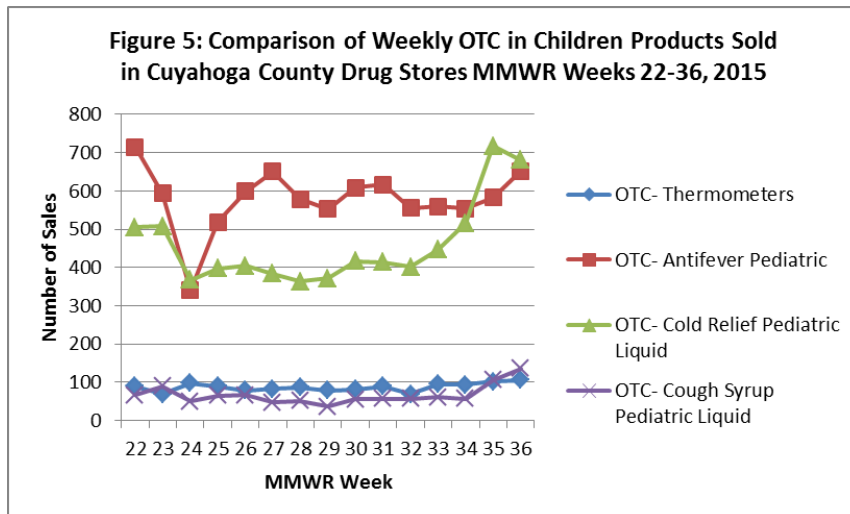


Over-the-Counter (OTC) Medication Sales for Children (Cuyahoga County)

Cold Relief Pediatric Liquid medication represented the largest number of sales for the week:

- Sales peaked on Tuesday, September 8th, 2015
- Sales decreased by 5.29% compared to last week (↓)
- Sales decreased by 19.81% compared to last year (↓)
- Overall sales have been trending downward (↓1 week)

Cough Syrup Pediatric Liquid medications represented the largest weekly increase among all OTC children medications at **28.30%**



¹Source: Ohio EpiCenter, the Ohio Disease Reporting System (ODRS) and the National Retail Data Monitor (NRDM RODS)

²Key indicators are select illness classifications among Cleveland residents who visited the hospital and Cuyahoga County resident's medication sales. The data are reported in real-time. Residents can be classified into more than one illness classification. Data has been conditioned for day-of-week effect.

³MMWR Week Fact Sheet: http://www.cdc.gov/nndss/document/MMWR_Week_overview.pdf

⁴2015 MMWR Weeks: <http://www.clevelandhealth.org/Health/CommunicableDisease/Statistics.html> ⁵

Comparison based upon 2015 MMWR Week 36 and EpiCenter and NRDM RODs data from July 2015 through September 2015

⁶Source: Real-time Outbreak and Disease Surveillance (RODS)