



**City of St. Louis Department of Health
Weekly Influenza Surveillance Report
2018-2019 Influenza Season
Week 16 (04/14/2019 – 04/20/2019)**



Data Notes

- Current data is provisional due to reporting delays.
- The 2018-2019 influenza season begins CDC Week 40 (week ending October 6, 2018) and ends CDC Week 20 (week ending May 18, 2019).
- Laboratory-positive influenza includes the following test methods: rapid influenza diagnostic tests (antigen), reverse transcriptase polymerase chain reaction (RT-PCR) and other molecular assays, immunofluorescence antibody staining (Direct (DFA) or Indirect (IFA)), or viral culture.
- Influenza-like illness (ILI) is defined by ILINet as fever (temperature of 100° F [37.8°C] or greater) and a cough and/or a sore throat without a known cause other than influenza. ILI is defined by ESSENCE as Emergency Department chief complaints for Influenza or (FeverPlus and (Cough or SoreThroat) and not NonILIFevers).



**City of St. Louis Department of Health
Weekly Influenza Surveillance Report
2018-2019 Influenza Season
Week 16 (04/14/2019 – 04/20/2019)**



There have been one thousand six hundred and thirty-seven (1,637) cases of influenza reported in the city since September 30, 2018. The following graphs compare the 2017-2018 influenza season to the 2018-2019 influenza season along with the previous four seasons.

Figure 1: Number of Laboratory Confirmed Influenza Cases by Week

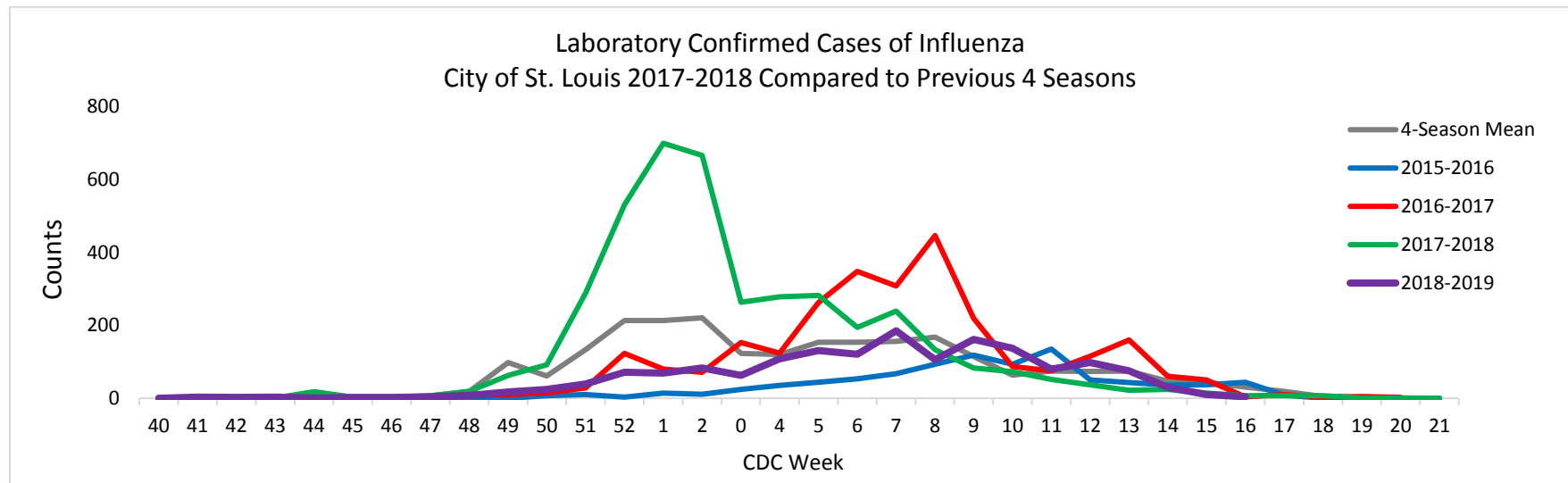


Table 1: Number of Laboratory Positive Influenza Cases by Influenza Type

Influenza Type	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	2018-2019* Season-to-Date	Percentage
Influenza A	79	95	73	29	9	4	1,585	97%
Influenza B	1	3	2	1	1	0	52	3%
Influenza unknown /Untyped	0	0	0	0	0	0	0	0%
Total	80	98	75	30	10	4	1,637	100%

Source: Missouri Department of Health and Senior Services (DHSS), weekly surveillance report from April 14, 2019 through April 20, 2019.



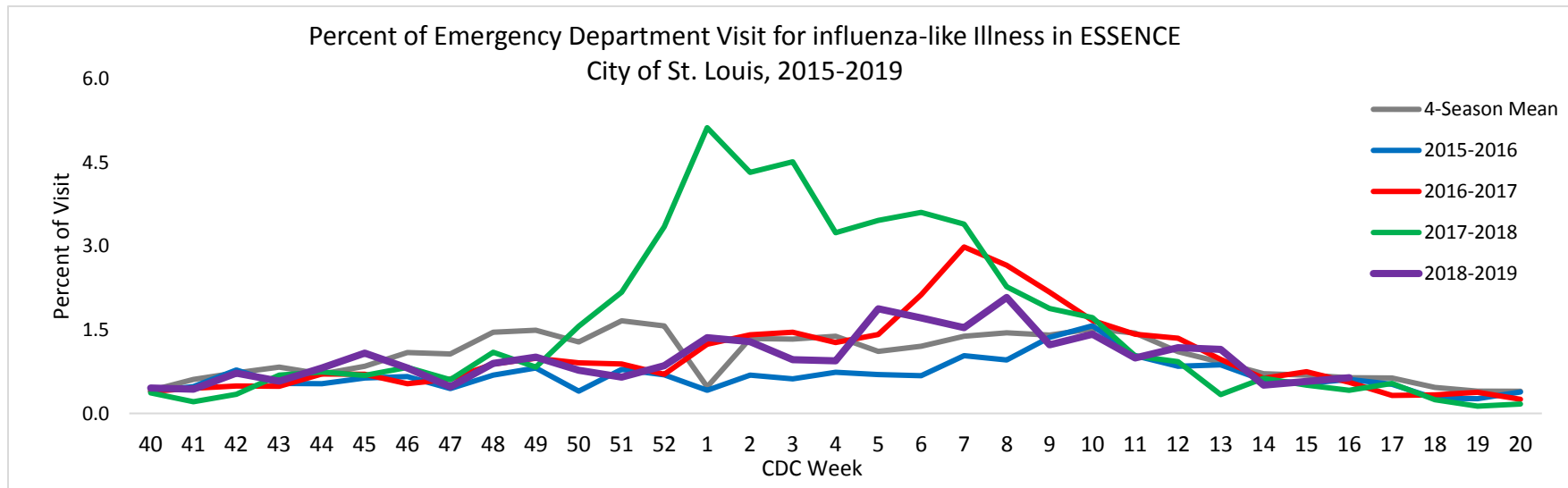
**City of St. Louis Department of Health
Weekly Influenza Surveillance Report
2018-2019 Influenza Season
Week 16 (04/14/2019 – 04/20/2019)**



Table 2: Number of Laboratory Confirmed Influenza Cases by Age Group

Age Group	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	2018-2019* Season-to-Date	Percentage
0 to 4 years	21	26	6	6	2	0	375	23%
5 to 14 years	12	12	11	5	5	0	278	17%
15 to 24 years	1	6	6	6	0	1	95	6%
25 to 49 years	22	28	23	6	2	2	458	28%
50 to 64 years	12	14	12	4	1	0	270	16%
65+ years	12	12	17	3	0	1	161	10%
Total	80	98	75	30	10	4	1637	100%

Figure 2: Percent of Emergency Department (ED) Visits for Influenza-like Illness (ILI) In Essence



Source: Missouri Department of Health and Senior Services (DHSS), weekly surveillance report from April 14, 2019 through April 20, 2019.

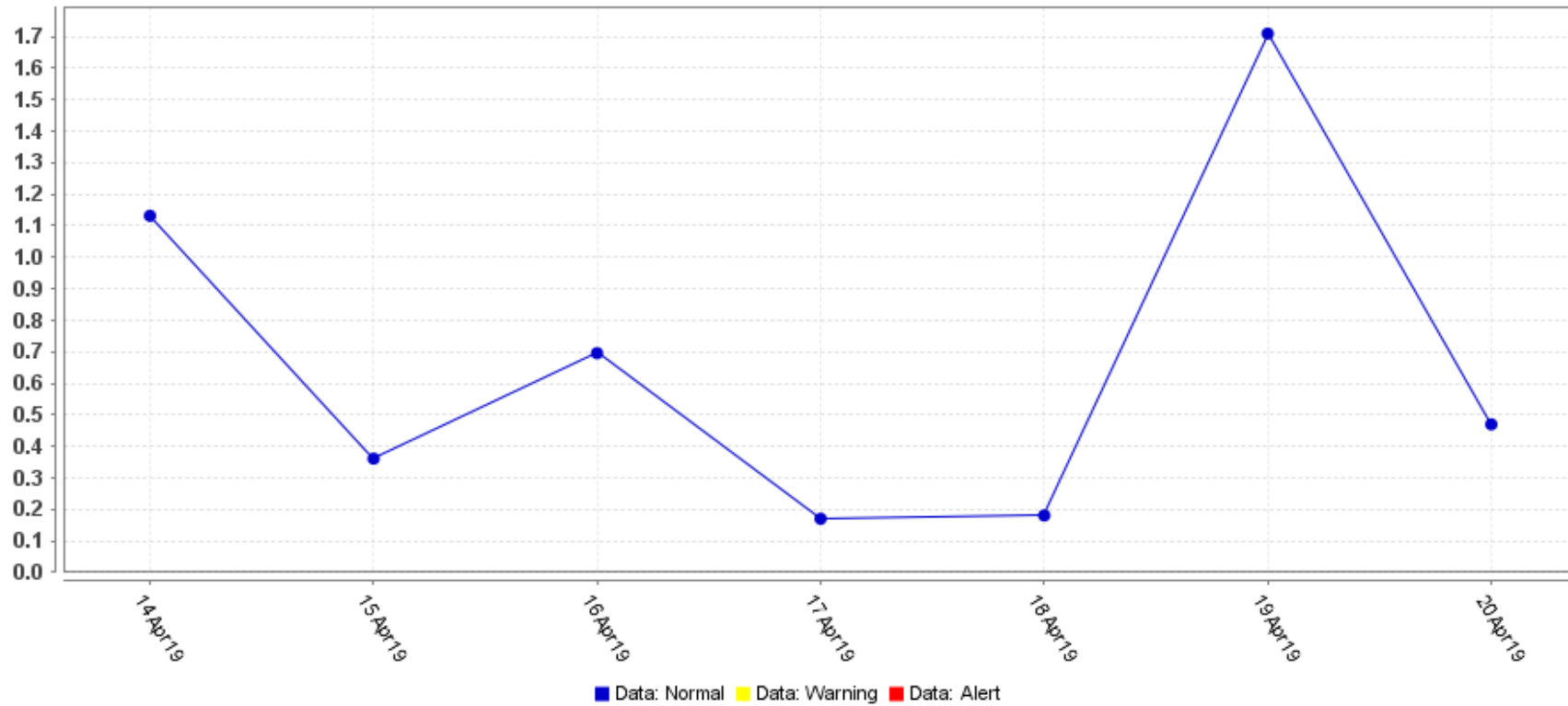


City of St. Louis Department of Health
Weekly Influenza Surveillance Report
2018-2019 Influenza Season
Week 16 (04/14/2019 – 04/20/2019)



Figure 3: Daily Percentage of Emergency Department (ED) Visit for Influenza-like Illness

Daily Percent of Influenza-like Illness



Source: Missouri Department of Health and Senior Services (DHSS), weekly surveillance report from April 14, 2019 through April 20, 2019.