



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

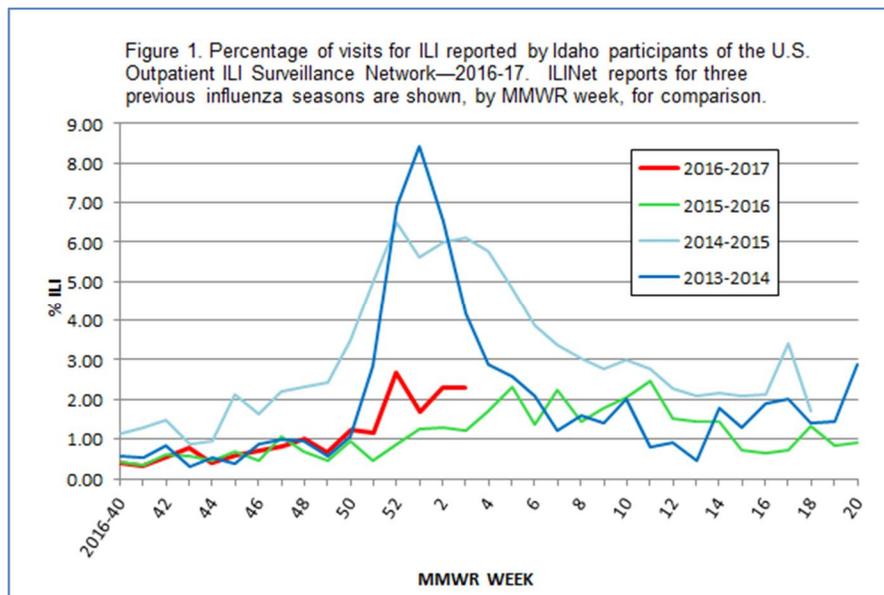
Influenza Surveillance 2016-2017 Season Update
Week ending: **01/21/2017** CDC MMWR week: **2017-03**

Synopsis

- This week an average of **2.29%** of visits to ILINet-participating healthcare providers in Idaho were for influenza-like illness (ILI).
- **143** specimens were tested for influenza by the Idaho Bureau of Laboratories (IBL) this week. **120** samples were positive for influenza A(H3), **2** samples were positive for influenza A(H1)pdm, and the remainder were influenza-negative. This is the second week A(H1)pdm viruses were detected in Idaho. Now three different influenza viruses are circulating in Idaho during the current influenza season: A(H3), A(H1)pdm, and B-Victoria.
- **8** influenza-associated deaths were reported this week.
- State activity code: **Widespread**
- Multiple influenza outbreaks in residential settings (nursing homes, long-term care facilities) were reported this week.

Outpatient Surveillance Data

Data on outpatient visits to health care providers for ILI* are collected through the Centers for Disease Control and Prevention's (CDC) U.S. Outpatient ILI Surveillance Network (ILINet). During MMWR week **2017-03** the average percentage of visits for ILI in Idaho was reported as **2.29%**. Reports were not received from a number of participating sites this week, so the information presented likely is an under-representation of influenza activity in the state.



*ILI (influenza-like illness) is defined 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.

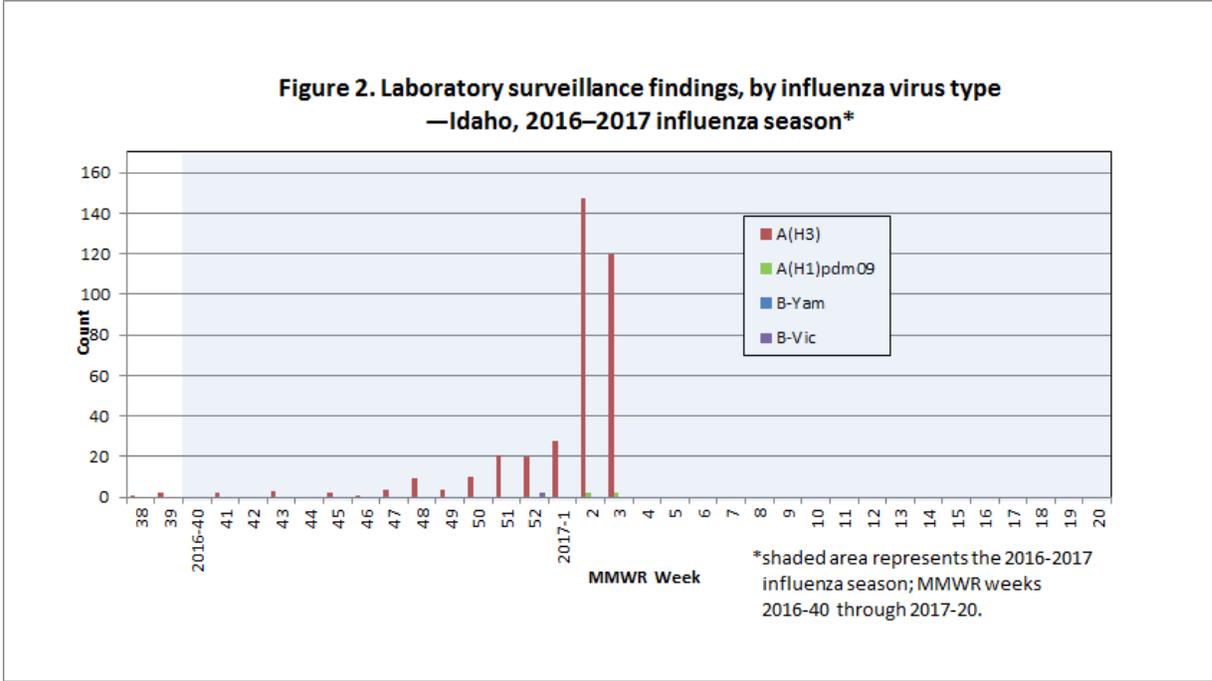
A small number of healthcare sites from every state, including Idaho, provide weekly situational awareness on the geographic distribution and current level of ILI activity in their area. The weekly % ILI is calculated by dividing the total number of patients seen for any reason by the number of those patients specifically seen for ILI. The trend in ILI is also examined by age group (0–4 years, 5–24 years, 25–49 years, 50–64 years, and ≥ 65 years) to understand which group is most impacted. The percentage of weekly visits to Idaho ILINet providers for ILI during the 2016–2017 influenza season (all ages) is shown along with weekly % ILI reported during the 2013–2014, 2014-2015, and 2015-2016 influenza seasons for comparison (Figure 1).

Note, the shape of the **RED** line will change from week to week as more ILINet sites report data.

Visit <http://www.cdc.gov/flu/weekly/overview.htm> to learn more about ILINet.

Laboratory Data

- IBL reported test results for 143 samples during MMWR week 2017-03 (1/15/2017 through 1/21/2017). 120 samples were positive for influenza A(H3) and 2 samples were positive for influenza A(H1)pdm.
- A total of 374 influenza A(H3) viruses, 4 influenza A(H1)pdm, and 2 influenza B(Victoria) viruses were detected so far during the official influenza season, starting MMWR Week 2016-040 (Figure 2).



Mortality Data

Influenza-related death data reported by the Idaho Bureau of Vital Records and Health Statistics are reviewed weekly during the influenza season. Reviewing the number of deaths, by age group, provides information on populations most severely affected by the flu virus.

- [8](#) influenza-associated death was reported during MMWR week [2017-03](#).
- [18](#) influenza-related deaths have been reported so far during the 2016-2017 season (Table 1).
- Note 2 additional deaths, noted on preliminary death reports as influenza-associated, were listed during week 51. In the future, reports will only show up here when information is considered finalized; the preliminary death reports have been removed.

Residence	Total	Age		
		<18 yrs	18-49 yrs	≥50 yrs
Panhandle Health District (PHD-1)	2	-	-	2
North Central Health District (PHD-2)	-	-	-	-
Southwest District Health (PHD-3)	3	-	1	2
Central District Health Department (PHD-4)	5	-	-	5
South Central Public Health (PHD-5)	2	-	-	2
Southeastern Idaho Public Health (PHD-6)	3	-	-	3
Eastern Idaho Public Health District (PHD-7)	3	-	-	3
Non-resident	-	-	-	-
Total	18	-	1	17

*Public health district of residence is not always the same as county of death.

Source: Bureau of Vital Records and Health Statistics, Idaho Department of Health and Welfare.

Link to Idaho Public Health Districts: <http://www.healthandwelfare.idaho.gov/?TabId=97>

Only deaths occurring in Idaho are reported in Table 1; data include deaths in Idaho residents and non-residents, by public health district of residence. Deaths in Idaho residents occurring while out-of-state are not shown here. Data shown in Table 1 may differ from statistics based on Idaho resident records, data based on underlying cause of death only, and data based on calendar year. Deaths are considered influenza-related based on ICD coding for Influenza in Part I or Part II on the death certificate. Influenza may have been the underlying cause of death or contributed to death.

Table 2 lists the number of Idaho deaths recorded during recent past influenza seasons; with an average of 23 deaths recorded annually over the previous seven years.

Influenza season	Influenza-associated deaths
2015-2016	26
2014-2015	32
2013-2014	19
2012-2013	35
2011-2012	5
2010-2011	21
2009-2010	22

State Activity Code

For week [2017-03](#): [Widespread](#)

State health departments report estimated levels of geographic spread of influenza weekly to CDC, based on surveillance findings.

- **No Activity:** No lab-confirmed cases, no reported increase in ILI activity.
- **Sporadic:** Small numbers of lab-confirmed cases or a single laboratory-confirmed outbreak. No reported increase in ILI activity.
- **Local:** Outbreaks or increases in ILI activity, lab-confirmed influenza in a single region* of the state.
- **Regional:** Outbreaks of influenza or increases in ILI activity and recent lab-confirmed influenza in at least two but less than half the regions of the state.
- **Widespread:** Outbreaks or increases in ILI activity and recent lab-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state.

*In Idaho regions are defined by public health district boundaries.

This page, generated by the Idaho Department of Health and Welfare, Division of Public Health, Bureau of Communicable Disease Prevention, is updated regularly during the traditional influenza season. Additional postings occur during an early, late, or prolonged season.