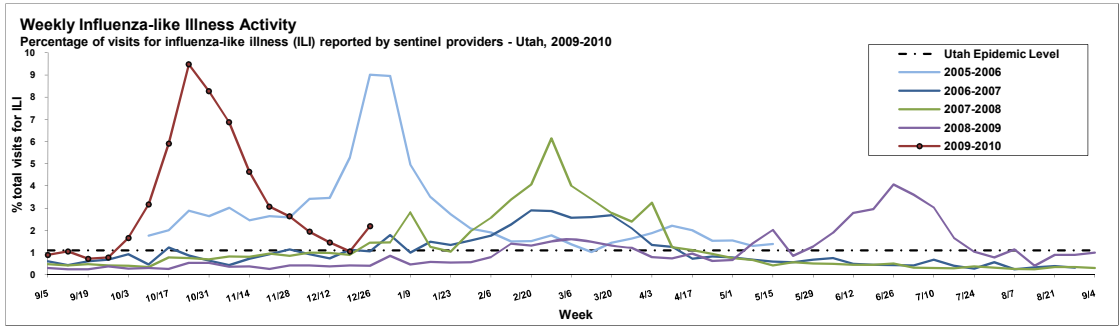


Due to the holidays, reporting to public health is decreased. This may result in skewed values for ILI and other indicators this week.

Influenza-like Illness Activity

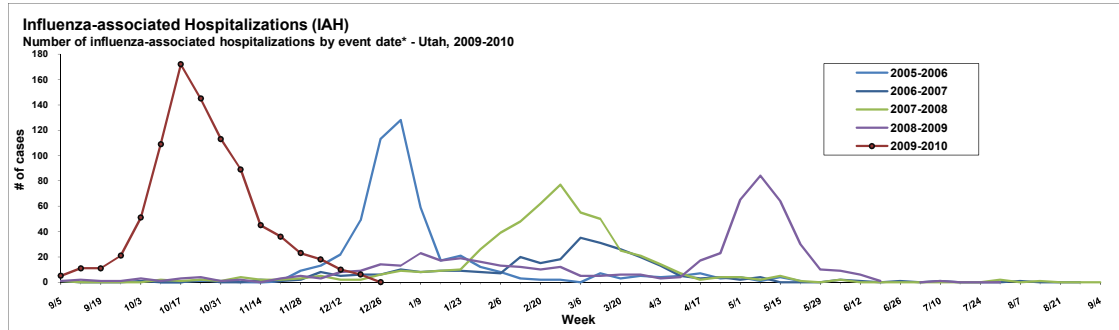


Weekly Percentage of Visits to Sentinel Providers Due to ILI - Utah

Health District	0-4 years	5-24 years	25-49 years	50-64 years	65+ years	All ages
Bear River	--	--	--	--	--	--
Central	80.0	0.0	11.8	16.7	0.0	15.1
Davis	--	--	--	--	--	1.8
Salt Lake	--	--	--	--	--	--
Summit	--	--	--	--	--	--
Southwest	3.4	0.0	0.0	3.0	0.0	1.0
Tooele	--	--	--	--	--	--
Utah	0.0	0.0	1.3	0.0	0.0	0.6
Weber-Morgan	--	--	--	--	--	--
State	8.8	0.0	1.6	4.1	0.0	2.2

Note: "--" = no data available for the health district.

Severity Measures



*Event date is calculated based on a hierarchy of dates: 1. onset date 2. specimen collection date 3. date reported to public health.

Summary Data for Influenza-associated Hospitalizations, 2009-2010 Season to Date

Variable		Number of cases	% of IAH cases	% in Utah pop	p value*
Sex	Male	394	45.5%	50.3%	0.0052
	Female	471	54.5%	49.7%	0.0052
	Unknown	0	0.0%	NA	--
Race**	White, Not Hispanic	535	61.8%	81.3%	<0.0001
	White, Hispanic	100	11.6%	10.7%	0.4113
	Native Hawaiian/Pacific Islander	22	2.5%	0.8%	<0.0001
	Black/African American	11	1.3%	1.2%	0.8658
	American Indian	22	2.5%	1.4%	0.0030
	Asian	15	1.7%	1.9%	0.7114
	Unknown	160	18.5%	NA	--

*If a p value is ≤ 0.05 , there is a significant difference between the percentage seen in IAH and the general Utah population.

Severity Measures, continued

Summary Data for Influenza-associated Hospitalizations, 2009-2010 Season to Date

Variable	Yes		No		Unknown	
	Number of Cases	% of cases	Number of Cases	% of cases	Number of Cases	% of cases
ICU	177	20.5%	655	75.7%	30	3.5%
Ventilator	91	10.6%	729	84.3%	42	4.9%
Died*	26	3.0%	819	94.7%	20	2.3%
Healthcare Worker	20	2.3%	715	82.7%	130	15.0%
Pregnant	58	6.7%	778	89.9%	29	3.4%
Heart, Kidney, Metabolic Disorder	210	24.4%	575	66.5%	80	9.2%
Chronic Respiratory Disorder	288	33.4%	533	61.6%	44	5.1%
Immunosuppressed	139	16.1%	676	78.2%	50	5.8%
Bacterial Co-infection	38	4.4%	718	83.0%	109	12.6%
Obese**	205	43.6%	156	33.2%	109	23.2%
Risk Factor***	713	82.7%	102	11.8%	50	5.8%

* Died is ONLY H1N1 confirmed cases.

**Obesity is not considered for individuals under 18 years or pregnant women.

***Risk factors for influenza include: persons < 5 years, persons ≥ 50 years, pregnant women, and persons with a chronic medical condition.

Cases of Influenza-associated Hospitalizations by Age Group, Utah, 2009-2010

Age Group	Total Cases Season to Date	Percent of Cases	Cases/ 100,000 Population	New Cases Occurring in Past Week
0-4 years	179	20.7%	66.1	0
5-24 years	238	27.5%	25.2	0
25-49 years	234	27.1%	23.6	0
50-64 years	144	16.6%	36.0	0
65+ years	70	8.1%	28.3	0
Total	865	100.0%	30.3	0

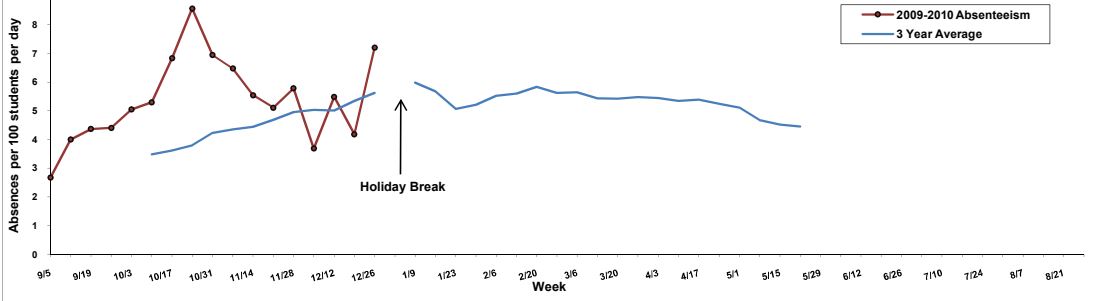
H1N1 Associated Deaths by Health District, Utah, 2009-2010

Health District	Deaths
Bear River	0
Central	0
Davis	2
Salt Lake	10
Southeast	1
Southwest	4
Summit	0
Tooele	0
TriCounty	1
Utah	3
Wasatch	0
Weber-Morgan	5
Total	26

School Absenteeism

Student Absenteeism by Week

Rates for absences due to all causes - Utah, 2009-2010 influenza season and previous 3 year average



Weekly Student Absenteeism - Utah, 2009-2010

Health District	All absences per 100 students/day
Bear River	--
Central	7.8
Davis	--
Salt Lake	--
Southeast	--
Southwest	--
Summit	--
Tooele	--
TriCounty	--
Utah	--
Wasatch	--
Weber-Morgan	--
State	7.8

Virologic Data

Utah Public Health Laboratory Virologic Data

	Season to-date		Current MMWR week	
	Number	Percent	Number	Percent
Specimens tested	1,370	--	--	--
Positive specimens	597	43.6%	--	0.0%
Positive Specimens by Type/Subtype				
Influenza A	597	100.0%	--	0.0%
A (2009 H1N1)	592	99.2%	--	0.0%
A (H1)	2	0.3%	--	0.0%
A (H3)	1	0.2%	--	0.0%
A (subtyping not performed)	0	0.0%	--	0.0%
A (unable to subtype)	0	0.0%	--	0.0%
Influenza B	0	0.0%	--	0.0%

Influenza Positive Tests

Influenza Positive Tests Tested by UPHL - Utah, 2009-2010

