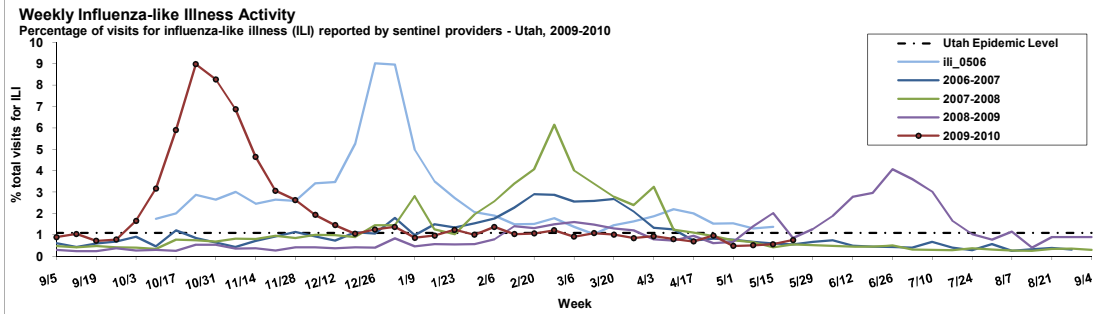


Influenza-like Illness Activity

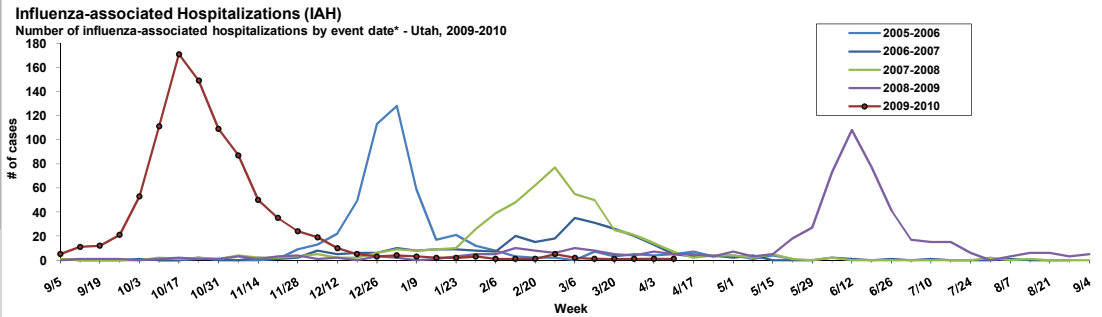


Weekly Percentage of Visits to Sentinel Providers Due to ILI - Utah

Health District	0-4 years	5-24 years	25-49 years	50-64 years	65+ years	All ages
Bear River	--	--	--	--	--	1.4
Central	0.0	0.0	0.0	0.0	0.0	0.0
Davis	0.0	0.0	1.4	0.0	0.0	1.0
Salt Lake	1.1	1.6	0.2	0.1	0.0	0.6
Summit	0.0	2.1	0.0	0.0	0.0	0.3
Southwest	2.3	0.0	0.0	0.0	0.0	0.5
Tooele	0.0	2.7	0.0	0.0	0.0	0.5
Utah	0.0	3.7	2.0	0.0	0.0	2.9
Weber-Morgan	--	--	--	--	--	--
State	1.1	1.6	0.4	0.1	0.0	0.8

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	413	45.7%	50.3%	0.0055
	Female	491	54.3%	49.7%	0.0055
	Unknown	0	0.0%	NA	--
Race**	White, Not Hispanic	611	67.6%	82.0%	<0.0001
	White, Hispanic	151	16.7%	11.6%	<0.0001
	Native Hawaiian/Pacific Islander	25	2.8%	0.7%	<0.0001
	Black/African American	15	1.7%	0.9%	0.0231
	American Indian	25	2.8%	1.1%	<0.0001
	Asian	18	2.0%	1.9%	0.7862
	Unknown	59	6.5%	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	200	22.2%	699	77.7%	1	0.1%
Ventilator	105	11.7%	792	88.0%	3	0.3%
Died*	28	3.1%	874	96.7%	2	0.2%
Healthcare Worker	24	2.7%	781	86.4%	99	11.0%
Pregnant	60	6.6%	833	92.1%	11	1.2%
Heart, Kidney, Metabolic Disorder	246	27.2%	649	71.8%	9	1.0%
Chronic Respiratory Disorder	323	35.7%	572	63.3%	9	1.0%
Immunosuppressed	156	17.3%	735	81.3%	13	1.4%
Bacterial Co-infection	43	4.8%	795	87.9%	66	7.3%
Obese**	223	45.1%	179	36.2%	93	18.8%
Risk Factor***	68	13.7%	317	64.0%	110	22.2%

* 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	186	20.6%	68.7	0
5-24 years	246	27.2%	26.0	0
25-49 years	242	26.8%	24.4	0
50-64 years	152	16.8%	38.0	0
65+ years	78	8.6%	31.6	0
Total	904	100.0%	31.7	0

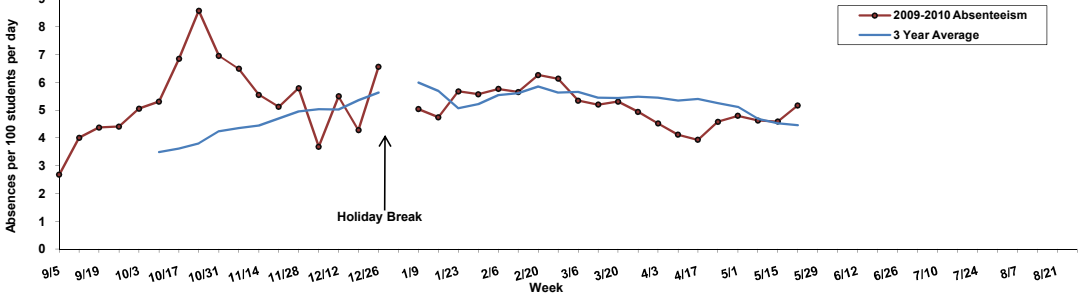
H1N1 Associated Deaths by Health District, Utah, 2009-2010

Health District	Deaths
Bear River	0
Central	0
Davis	2
Salt Lake	11
Southeast	1
Southwest	4
Summit	0
Tooele	1
TriCounty	1
Utah	3
Wasatch	0
Weber-Morgan	5
Total	28

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	2.9
Central	1.8
Davis	1.8
Salt Lake	4.0
Southeast	5.1
Southwest	--
Summit	--
Tooele	6.3
TriCounty	--
Utah	4.6
Wasatch	5.5
Weber-Morgan	8.9
State	5.2

Virologic Data

Utah Public Health Laboratory Virologic Data

	Season to-date		Current MMWR week	
	Number	Percent	Number	Percent
Specimens tested	1,806	--	8	--
Positive specimens	612	33.9%	0	0.0%
Positive Specimens by Type/Subtype				
Influenza A	612	100.0%	0	0.0%
A (2009 H1N1)	606	99.0%	0	0.0%
A (H1)	3	0.5%	0	0.0%
A (H3)	1	0.2%	0	0.0%
A (subtyping not performed)	0	0.0%	0	0.0%
A (unable to subtype)	0	0.0%	0	0.0%
Influenza B	0	0.0%	0	0.0%

Influenza Positive Tests

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

