

2011 Utah Pertussis Report

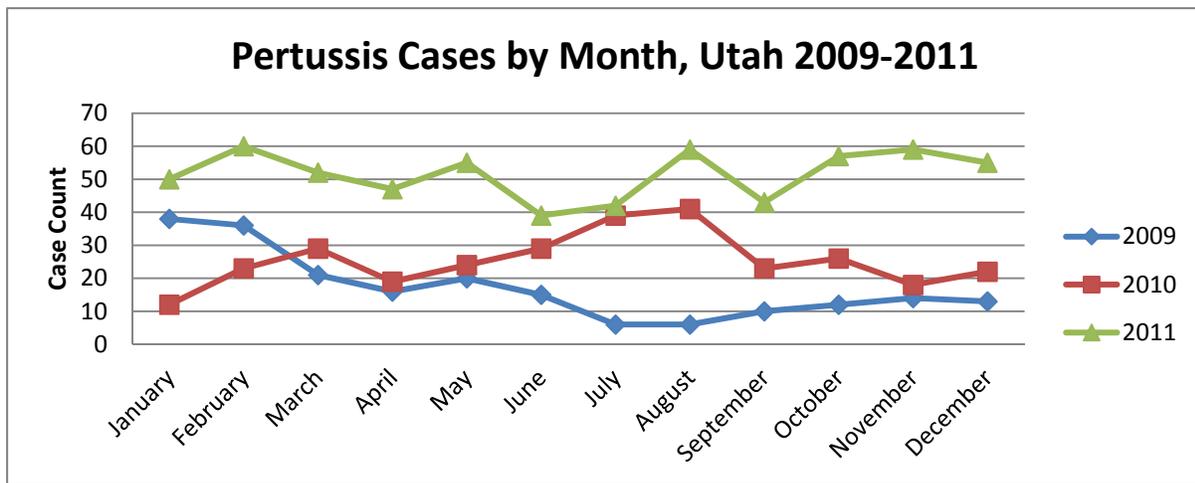
The data in this report are based on Utah reports of pertussis disease in 2011. Data was reported through the online disease reporting system, UT-NEDSS, and investigated by public health. The figures are final numbers as of June 1, 2012 for 2011.

Case Counts¹

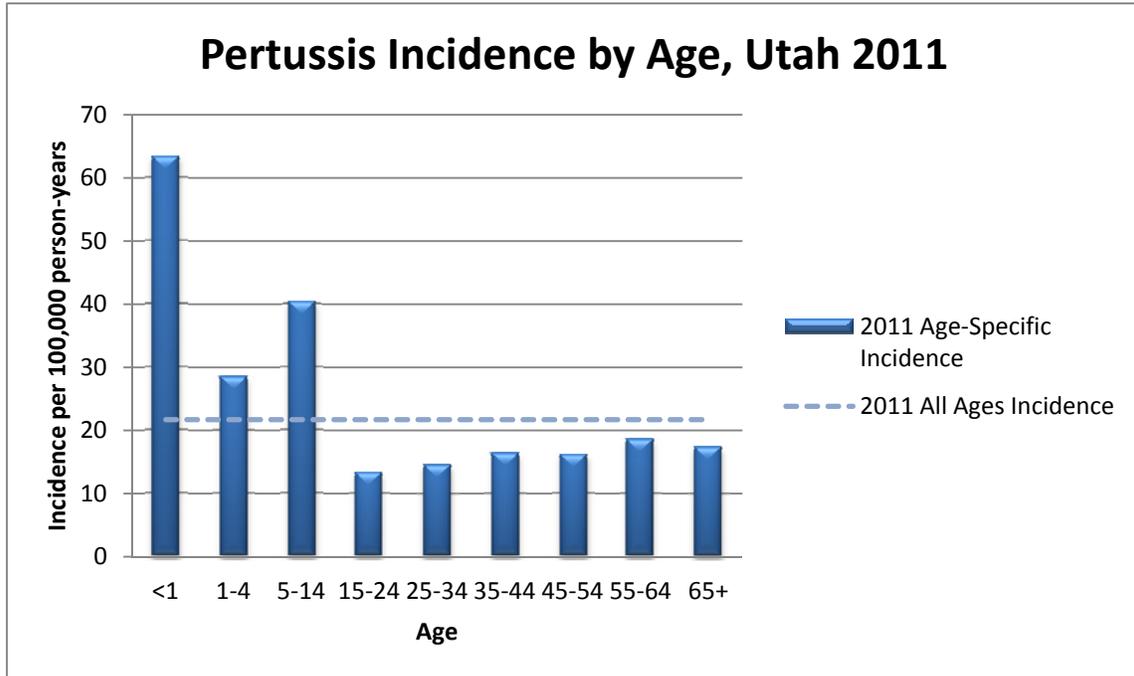
Confirmed	392
Probable	226
Total	618

- Sex: 394 (63.8%) of cases were female
- Race:
 - 544 (88%) of cases were White
 - 6 (1%) of cases were American Indian
 - 5 (0.8%) of cases were Asian
 - 8 (1.3%) of cases were Black
 - 7 (1.1%) of cases were Native Hawaiian/Pacific Islander
 - 48 (7.8%) of cases were Unknown
- Hospitalized: 24 (3.9%) of cases
- Deaths: 1 (was also intubated)
- State wide Incidence Rate: 21.7 per 100,000 person years
- Vaccinated: 431 (69.7%) of cases had at least one dose of a pertussis-containing vaccine
- Outbreaks: 232 cases (37.5%) were associated with one of the 67 outbreaks reported

Pertussis Cases by Month, 2009-2011

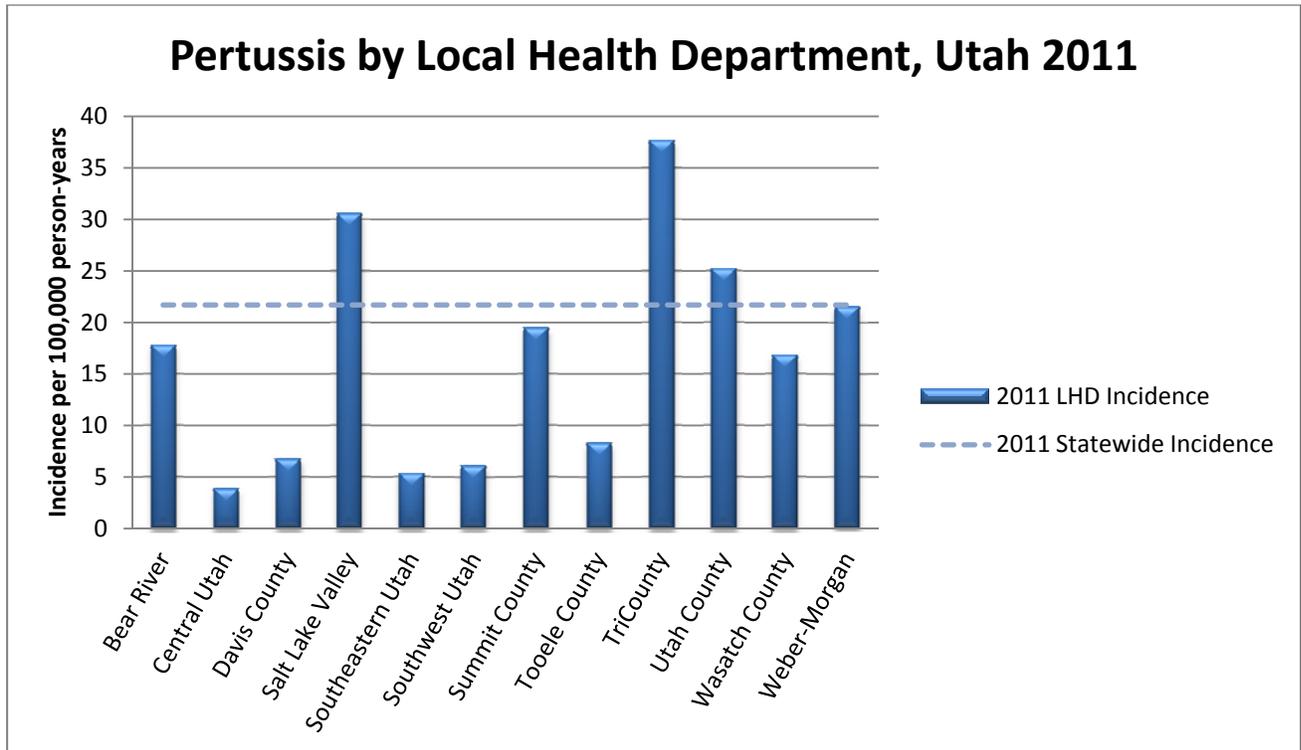


Pertussis Incidence by Age



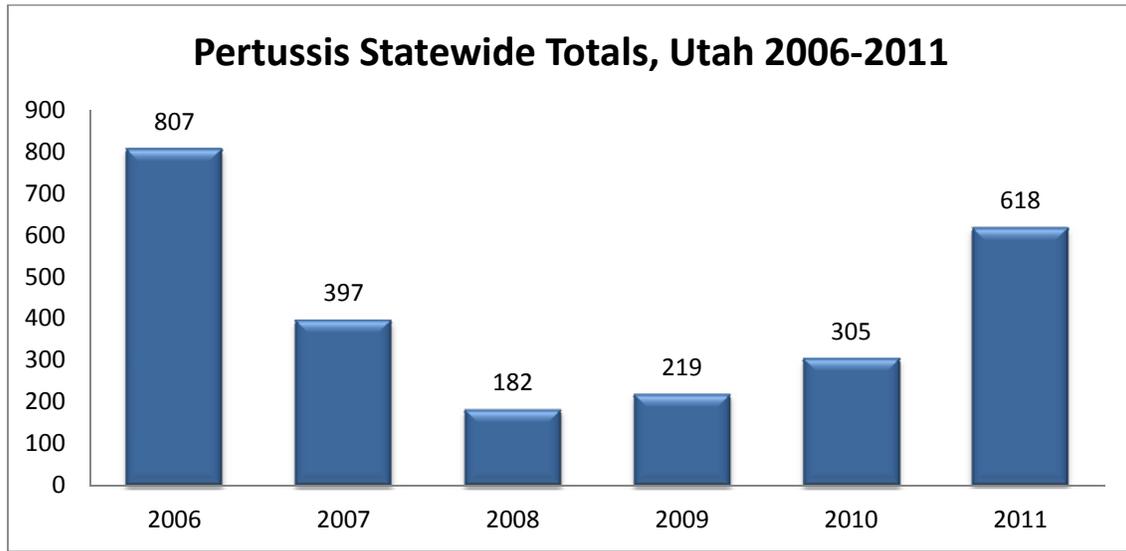
Age	Count ¹	2010 Population ²	2011 incidence per 100,000 Person-Years
<1	35	55,242	63.4
1-4	62	217,411	28.5
5-14	192	476,561	40.3
15-24	61	459,367	13.3
25-34	69	471,944	14.6
35-44	57	346,255	16.5
45-54	52	322,009	16.2
55-64	45	241,232	18.7
65+	45	257,876	17.5
Total	618	2,847,897	21.7

Pertussis Incidence by Local Health Department (LHD)

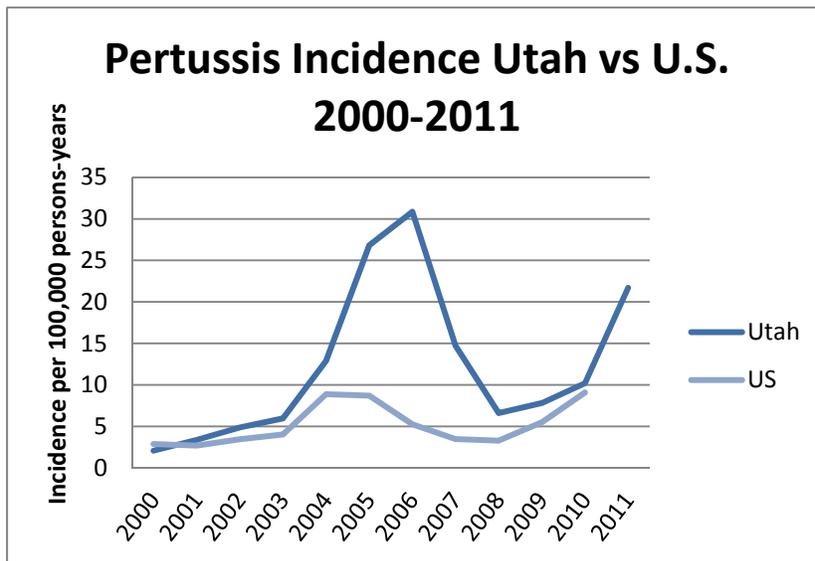


	Count ¹	2010 Population ²	2011 Incidence per 100,000 Person-Years
Bear River Health Department	30	168,823	17.8
Central Utah Public Health Department	3	77,731	3.9
Davis County Health Department	21	312,918	6.7
Salt Lake Valley Health Department	324	1,059,955	30.6
Southeastern Utah District Health Department	3	56,693	5.3
Southwest Utah Public Health Department	13	214,377	6.1
Summit County Public Health Department	8	41,146	19.4
Tooele County Health Department	5	60,129	8.3
TriCounty Health Department	19	50,484	37.6
Utah County Health Department	136	540,541	25.2
Wasatch County Health Department	4	23,837	16.8
Weber-Morgan Health Department	52	241,263	21.6
Total	618	2,847,897	21.7

Pertussis Statewide Totals, Utah 2006-2011



Pertussis Incidence Utah vs U.S.



	Utah	U.S. ³
2000	2.1	2.9
2001	3.4	2.7
2002	4.9	3.5
2003	6.0	4.0
2004	12.9	8.9
2005	26.8	8.7
2006	30.9	5.3
2007	14.7	3.5
2008	6.6	3.3
2009	7.8	5.5
2010	10.2	9.1
2011	21.7	*

*US 2011 pertussis data was not available at the time of this report.

Questions regarding this data can be addressed by the Utah Department of Health, Bureau of Epidemiology, Communicable Disease Investigation and Response Program at 801-583-6191 or epi@utah.gov.

Footnotes:

1. Pertussis figures from the Utah Department of Health Reportable Disease System: UT:NEDSS
2. 2010 Utah population estimates from Utah's Indicator-Base Information System (IBIS)
3. National figures for pertussis from CDC

