

Montana DPHHS Pertussis Update: December 2014

2014 Year to Date (YTD) confirmed and suspect cases reported to Montana DPHHS through 12/15/2014

- Since January 1, 2014, **455** confirmed and suspect cases of pertussis have been reported statewide, compared to 637 cases for the same period last year.
- 30 counties in Montana have reported pertussis activity to date in 2014. Among these counties, the number of pertussis cases reported ranges from 1 to 76.
- To date, 17 cases of pertussis are in infants <1 year of age. Of these, 5 have been hospitalized.
- The overall incidence rate year to date is 44.8 pertussis cases per 100,000 Montana residents.
- To date in 2014, the 5–10 year and 11–17 year age groups represent the greatest number (67%) of pertussis cases.

Pertussis case counts by month of report – Montana, selected years

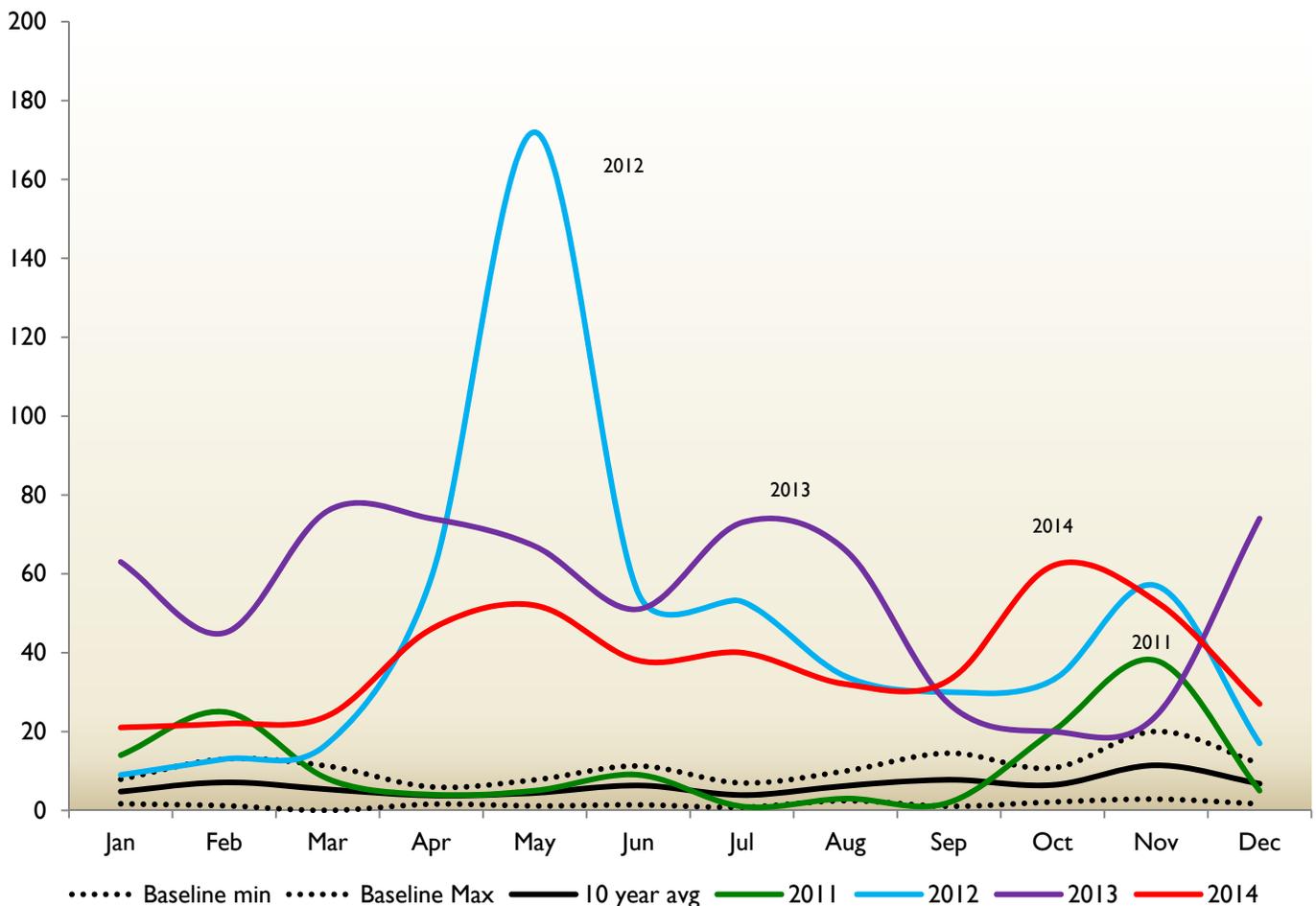
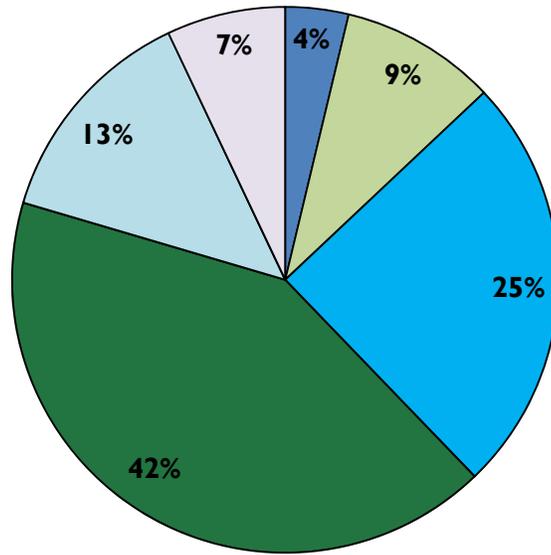


Table 1: Pertussis case counts by Jurisdiction – Montana, YTD 12/15/14

COUNTY	CASE COUNT	POPULATION¹	INCIDENCE RATE/100,000
BIG HORN/CROW	3	13,042	23.0
BLAINE/FT. BELKNAP	6	6,604	90.9
BROADWATER	2	5,692	35.1
CARBON	7	10,340	67.7
CASCADE	17	82,384	20.6
CUSTER	3	11,951	25.1
DEER LODGE	4	9,329	42.9
FERGUS	10	11,501	86.9
FLATHEAD	76	93,068	81.7
GALLATIN	32	94,720	33.8
HILL/ROCKY BOY	4	16,568	24.1
JEFFERSON	5	11,512	43.4
LAKE/CSKT	7	29,017	24.1
LEWIS AND CLARK	70	65,338	107.1
LINCOLN	44	19,460	226.1
MINERAL	3	4,275	70.2
MISSOULA	18	111,807	16.1
MUSSELSHELL	1	4,629	21.6
PARK	2	15,682	12.8
POWELL	24	6,993	343.2
RAVALLI	7	40,823	17.1
ROOSEVELT/FT. PECK	2	11,125	18.0
SANDERS	37	11,363	325.6
SHERIDAN	1	3,668	27.3
SILVER BOW	26	34,523	75.3
STILLWATER	3	9,318	32.2
SWEET GRASS	1	3,669	27.3
VALLEY	3	7,630	39.3
WHEATLAND	1	2,134	46.9
YELLOWSTONE	36	154,162	23.4
MONTANA	455	1,015,165	44.8

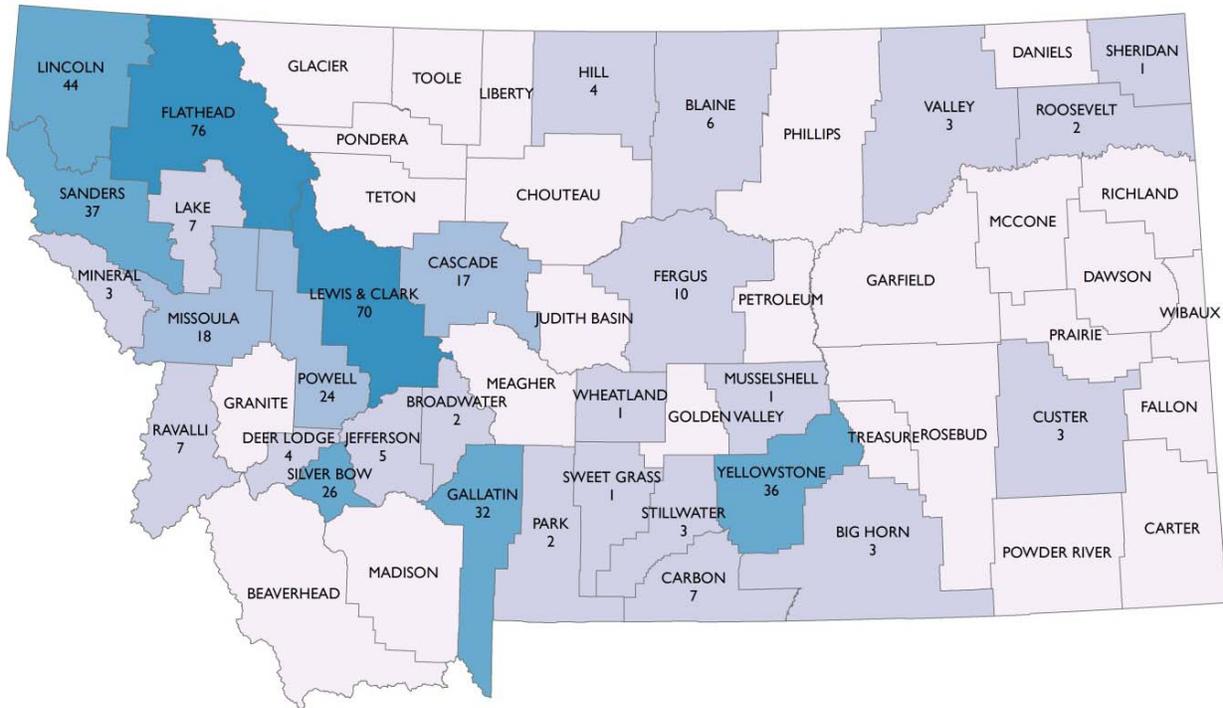
¹National Center for Health Statistics <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>

Reported pertussis cases by age group – Montana, YTD 12/15/14



- <1 year
- 1-4 years
- 5-10 years
- 11-17 years
- 18-44 years
- 45+ years

Reported pertussis cases by county – Montana, YTD 12/15/14



- Number of reported pertussis cases
- No Activity
 - 1-10
 - 11-25
 - 26-50
 - 51-100
 - 101-200
 - 201-300