

Texas Department of State Health Services

**VPD Update, 2014
Now with Ebola!**

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www.ImmunizeTexas.com



Overview

- VPD 5 Year Summary
- 2014 Notable VPD Activity
- Ebola

VPDs in Texas, 2010-2014*

	2010	2011	2012	2013	2014*
Hepatitis A	139	138	134	109	100
Hepatitis B, acute	394	204	170	142	85
HIB	12	2	3	5	8
Measles	0	6	0	27	9
Meningococcal	59	30	37	30	17
Mumps	121	68	15	13	11
Pertussis	2,848	961	2,218	3,985	2,045
Pneumococcal	1,912	1,603	1,535	1,715	1,056
Tetanus	0	2	3	2	3
Varicella	2,760	2,558	2,410	1,874	1,336

*Provisional as of 11/1/2014

Measles, as of 11/1/14

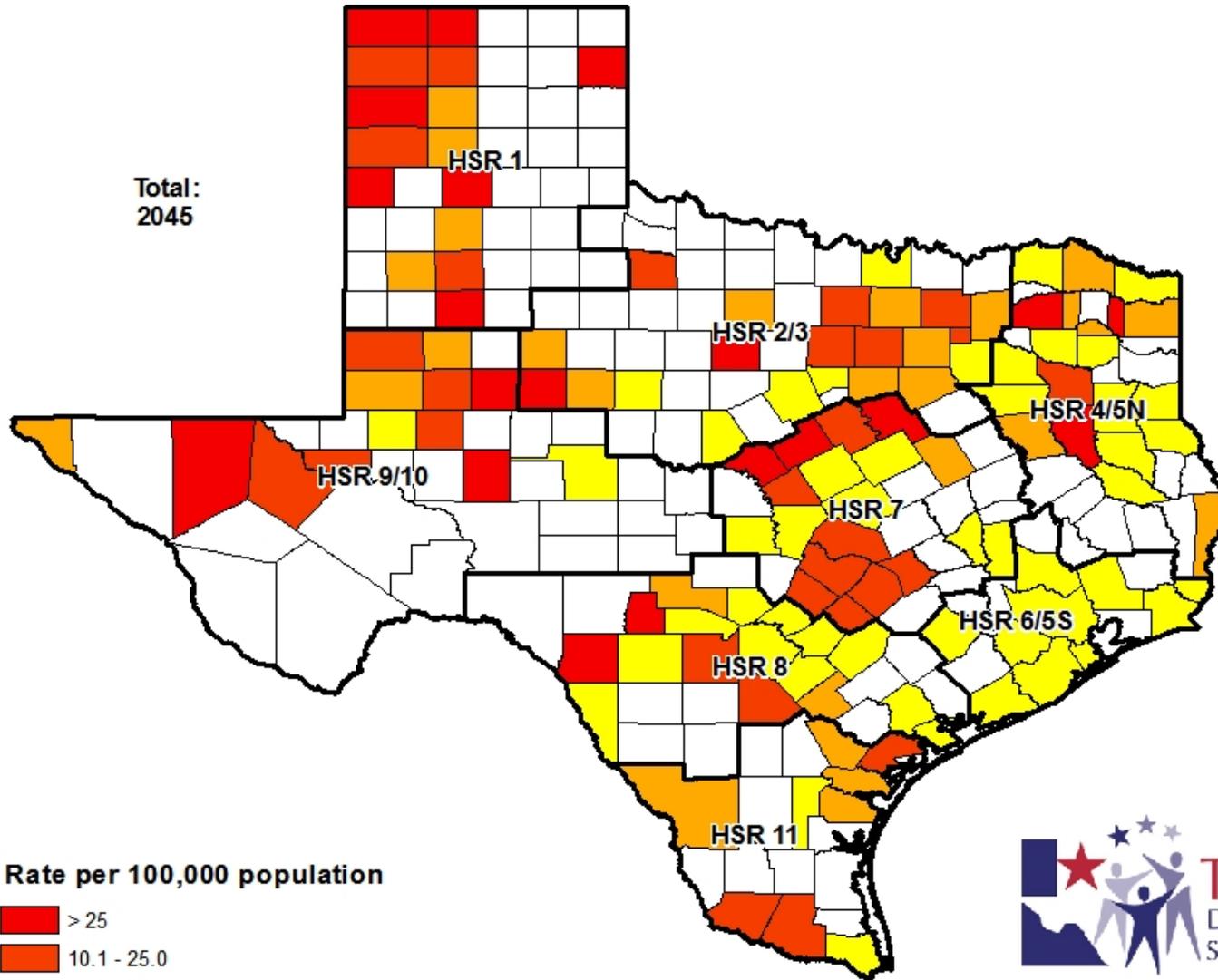
- 9 cases YTD in Texas
 - 2 acquired measles while visiting Philippines
 - 1 acquired measles while at LAX
 - 1 child, no source identified
 - 3 part of a larger outbreak in the Kansas City Metro area
 - 2 related to European travel
 - Source case traveled to Europe, infected child upon return
 - All unvaccinated or unknown vaccine history

Pertussis, as of 11/1/14

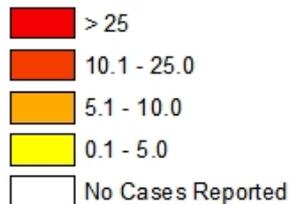
- 2,045 cases
 - Well below case count at this time last year
- Two deaths
 - Child less than 2 months
 - Teenager, vaccinated, co-morbidities
- 21% of cases are in children under one year of age
- 11% hospitalization rate for all ages
 - ~ 37% hospitalization rate for children under one year of age

Incidence Rates of Pertussis Cases in Texas, 2014 *

* As of 11/03/2014



Incidence Rate per 100,000 population



Source: Texas Department of State Health Services, Infectious Disease Control Unit.

Prepared: November, 2014

Hepatitis A, as of 11/1/14

- Case counts are trending slightly upward
- Cluster of cases identified in risk group, MSM
 - This is a group that should be offered hep A vaccine
- Approximately 1/3 of cases were hospitalized
- 20% had recently traveled out of country
- 21-40 year olds are 40% of cases
- Another 20% are <21 year olds

Meningococcal Disease, as of 11/1/14

Age (Years)	Serogroup				Total
	B	C	Y	Unknown	
0	1	0	0	0	1
1-6	1	0	0	0	1
7-18	1	0	0	0	1
19-24	0	0	0	1	1
25-29	0	0	0	0	0
30-49	1	3 (1)	2	1	7
50+	0	1	3	2 (1)	6
Total Cases	4	4	5	4	17
Deaths	0	1	0	1	2

No cases of serogroups A or W-135 have been reported in 2014.

Deaths are in ()

Ebola

- Three cases diagnosed in Texas
 - 1 imported from Liberia, expired
 - 2 HCWs exposed to above patient, recovered
- 177 HCW/community contacts exposed
 - Over half have completed 21-days of symptom/temperature monitoring by public health
 - Symptom/temperature monitoring by public health will finish 11/8
- 162 airline passengers potentially exposed
 - All have completed 21-day monitoring

West African Travelers

- Individuals arriving from Guinea, Sierra Leone, or Liberia undergo 21 symptom/temperature monitoring by public health
 - As of 11/4, there are 42 people under monitoring in Texas
- Approximately 2 travelers arriving per day in Texas
- Highly coordinated effort between CDC, DSHS, and local health departments

Thank you!

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