

**Texas Department of State Health Services**

**Vaccine Preventable Diseases  
in Texas, 2013**

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[www.ImmunizeTexas.com](http://www.ImmunizeTexas.com)



# Overview

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- 2013 VPD Summary
- 2013 Notable Events
- HPV Data
- 2014 Notable Events

# Highest vs 2013 VPD Morbidity

<b>Disease</b>	<b>Highest Case Count during 20<sup>th</sup> Century</b>	<b>2013</b>	<b>Percent Decrease</b>
CRS	12 (1974)	0*	100%
Diphtheria	1,544 (1946)	0*	100%
HIB, invasive	843 (1988)	5	99.4%
Hepatitis A	4,892 (1973)	109*	97.8%
Hepatitis B, acute	1,960 (1998)	142*	92.8%
Measles	88,000 (1958)	27	99.9%
Meningococcal disease, invasive	356 (1951)	30*	91.6%
Mumps	32,939 (1950)	13	99.9%
Pertussis	21,588 (1947)	3,985	81.5%
Pneumococcal disease, invasive	1,952 (2009)	1,715	12.1%
Polio (paralytic)	2,778 (1950)	1	99.9%
Rubella	8,408 (1970)	0*	100%
Tetanus	55 (1954)	2	96.3%
Varicella	26,888 (1997)	1,874*	93.0%

\*Lowest or tied for lowest incidence

# Pertussis in 2013

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- 3,985 cases
  - Highest case count since 1959
  - North Texas, West Texas, Rio Grande Valley hardest hit
- Five deaths
  - All in children under 3 months
  - None of the mothers vaccinated during pregnancy

# Measles in 2013

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- 27 cases
  - 21 cases associated with one outbreak
- 93% of cases were unvaccinated/unknown
- Imported from
  - Republic of Georgia
  - Indonesia
  - Ethiopia
- Documented instances of healthcare-associated transmission

## HPV-associated Cancers in 2011

- 1130 new cervical cancer diagnoses
  - 357 cervical cancer deaths
- 90 new vaginal cancer diagnoses
  - 30 vaginal cancer deaths
- 243 new vulvar cancer diagnoses
  - 53 vulvar cancer deaths

# Measles in 2014

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- 4 cases in Texas (as of 5/30)
  - 2 imported from Philippines
  - 1 imported from LAX
  - 1 unknown import
- Nationally measles is out of control
- Over 330 cases nationwide (as of 5/30)
  - Rivals pre-elimination numbers
- Outbreaks in Ohio, California, New York
  - Several related to travel to Philippines

# Pertussis in 2014

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- 873 cases as of 6/4/14
  - Elevated for this time of year
  - Pertussis peaks in July-September
- One death
  - Child less than 3 months
  - Mother not vaccinated during pregnancy

# Other VPDs in 2014

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- Perinatal hepatitis B projects underway
  - Increasing identification of hep B+ pregnant women
  - Identifying missed opportunities
  - Targeting large birthing hospitals for improved reporting
- Pneumococcal lab project
  - Requesting isolates on children under 5 years
  - Typing the isolates to compare to vaccine

Thank you!

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