

Texas Department of State Health Services

**Vaccine Preventable Diseases
in Texas, 2014**

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www.ImmunizeTexas.com



Overview

- VPD 5 Year Summary
- 2014 Notable VPD Activity
- Other VPD Notes

VPDs in Texas, 2010-2014*

	2010	2011	2012	2013	2014*
Hepatitis A	139	138	134	109	90
Hepatitis B, acute	394	204	170	142	80
HIB	12	2	3	5	8
Measles	0	6	0	27	9
Meningococcal	59	30	37	30	17
Mumps	121	68	15	13	10
Pertussis	2,848	961	2,218	3,985	1,874
Pneumococcal	1,912	1,603	1,535	1,715	979
Tetanus	0	2	3	2	3
Varicella	2,760	2,558	2,410	1,874	1,183

Measles in Texas 2014

- 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

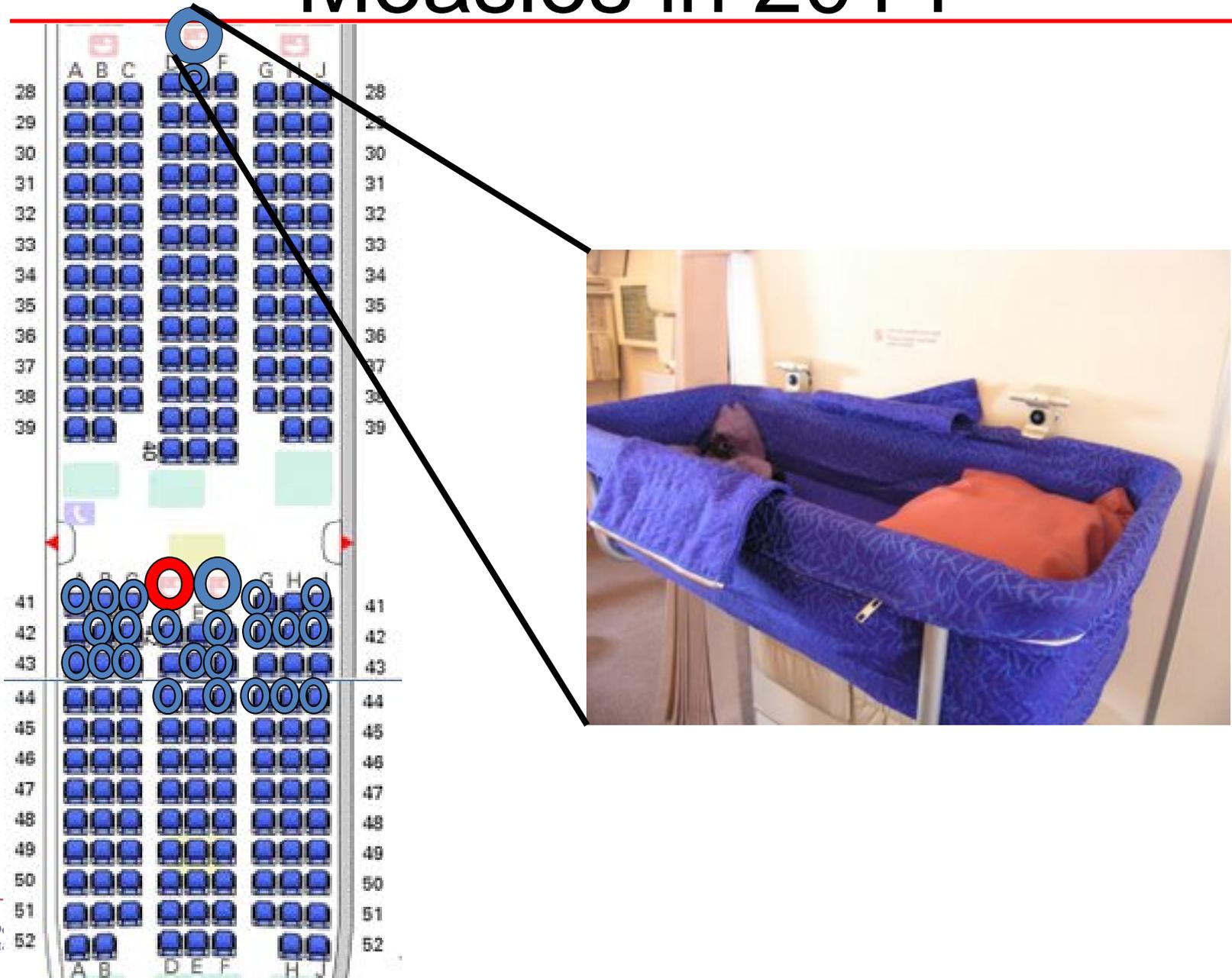
Measles in U.S. 2014

- 592 cases nationwide (as of 8/29)
 - Highest number of cases since measles elimination in the U.S. in 2000
 - Reported in 21 states
- 18 outbreaks accounting for 89% of the cases
 - Ohio, California, New York, Washington, Kansas, Missouri
 - Outbreak in Ohio had 377 cases
 - Several related to travel to Philippines

Measles International 2014

- Philippines: 16,180 cases and 91 deaths (as of 8/20)
- Vietnam: 3,688 cases and 2 deaths (as of 8/20)
- Federated States of Micronesia: 360 cases and 1 death (as of 7/18)
- European Union & European Economic Area: 2,762 cases (as of 6/30)

Measles in 2014

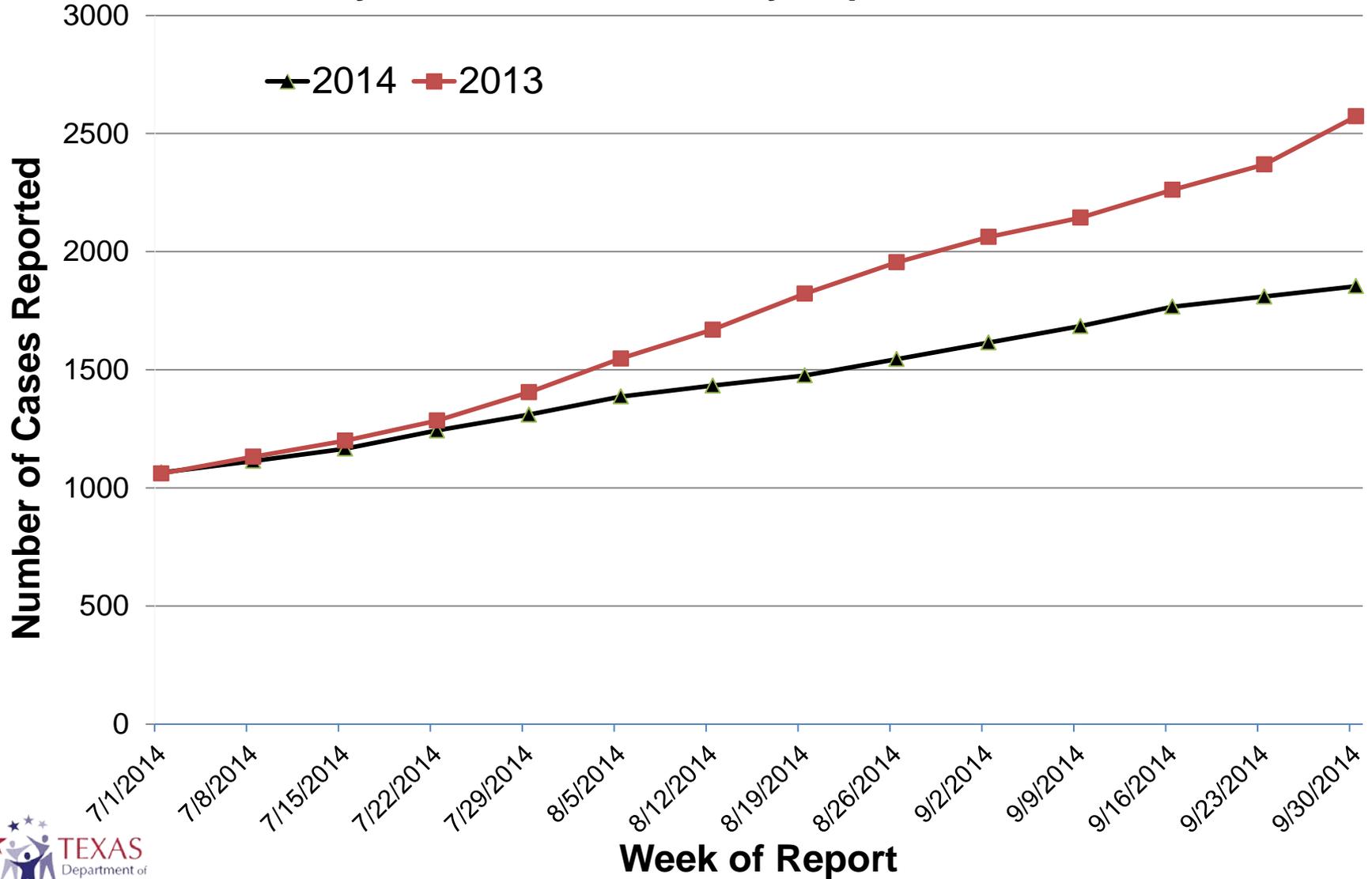


Pertussis in Texas 2014

- 1,874 cases as of 10/1/14
 - Currently below last years cases at this time
- 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

Pertussis in Texas 2014

Weekly Pertussis Counts July-Sept, 2013 and 2014



Pertussis in U.S. 2014

- 20,284 cases nationwide (as of 09/20/14)
 - Reported in 50 states and Washington, D.C.
 - 30% increase from same time last year
- California has declared an epidemic
 - Over 8,000 cases (as of 9/15/14)
 - 3.5% of cases have required hospitalization
 - One death (5 week old)

Other VPDs in 2014

- Hepatitis A
 - Cluster of cases identified in risk group, MSM
- Pneumococcal
 - New Vaccine Recommendation for Adults
- 2013 VPD Performance Measures

Statewide

Reporting Timeliness

Condition	Total investigations	# Completed in 30 days	% Completed in 30 days	# Completed in ≥31 days	% Completed in ≥31 days
Haemophilus influenzae, invasive	5	3	60%	2	40%
Measles (Rubeola)	27	26	96%	1	4%
Mumps	13	11	85%	2	15%
Neisseria meningitidis, invasive	30	24	80%	6	20%
Pertussis	3985	3412	86%	573	14%
S. pneumoniae, invasive disease (IPD) < 5 years	135	101	75%	34	25%
Tetanus	2	2	100%	0	0%
Varicella (Chickenpox)	1874	1673	89%	201	11%
	6071	5252	87%	819	13%

Vaccination Data Completeness

Condition	Total Investigations	# Vax Status Reported	% Vax Status Reported	% Vax Reported Goal
Neisseria meningitidis, invasive	30	21	70%	70%
Pertussis	3985	3572	90%	90%
S. pneumoniae, invasive disease (IPD) <5 years	135	79	59%	60%
Varicella (Chickenpox)	1874	1454	78%	N/A *
	6024	5126	85%	

Thank you!

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