

Comparison of Highest Vaccine Preventable Disease Case Counts and 2017-2019 Case Counts in Texas

***2019 data is provisional as of 12/4/19**

Disease	Highest Case Count during 20 th /21 st Century	2017 Case Count	2018 Case Count	2019 Case Count*
Congenital Rubella Syndrome	12 (1974)	2	0	0
Diphtheria	1,544 (1946)	0	0	0
<i>Haemophilus influenzae</i> , invasive [^]	843 (1988)	403	464	353
Hepatitis A	4,892 (1973)	129	88	126
Hepatitis B, acute	1,960 (1998)	106	102	52
Measles	88,000 (1958)	1	9	21
Meningococcal disease, invasive	356 (1951)	17	21	20
Mumps	32,939 (1950)	470	264	753
Pertussis	21,588 (1947)	1,765	1,168	950
Pneumococcal disease, invasive [†]	2,029 (2018)	1,798	2,029	1,404
Polio (paralytic)	2,778 (1950)	0	0	0
Rubella	8,408 (1970)	1	2	0
Tetanus	55 (1954)	1	1	1
Varicella	26,888 (1997)	1,146	972	1,042

[^] Prior to 2016, only *Haemophilus influenzae* type b was reported.

[†] Reporting of invasive pneumococcal disease began in 2003.

Select Vaccine Preventable Diseases- Texas vs United States, 2017-2019



*Please note that 2019 Texas data is provisional as of 12/4/19. All U.S. 2019 data is provisional as of 11/30/19. U.S. disease counts were obtained from CDC's NNDSS National Notifiable Infectious Diseases Weekly Tables.

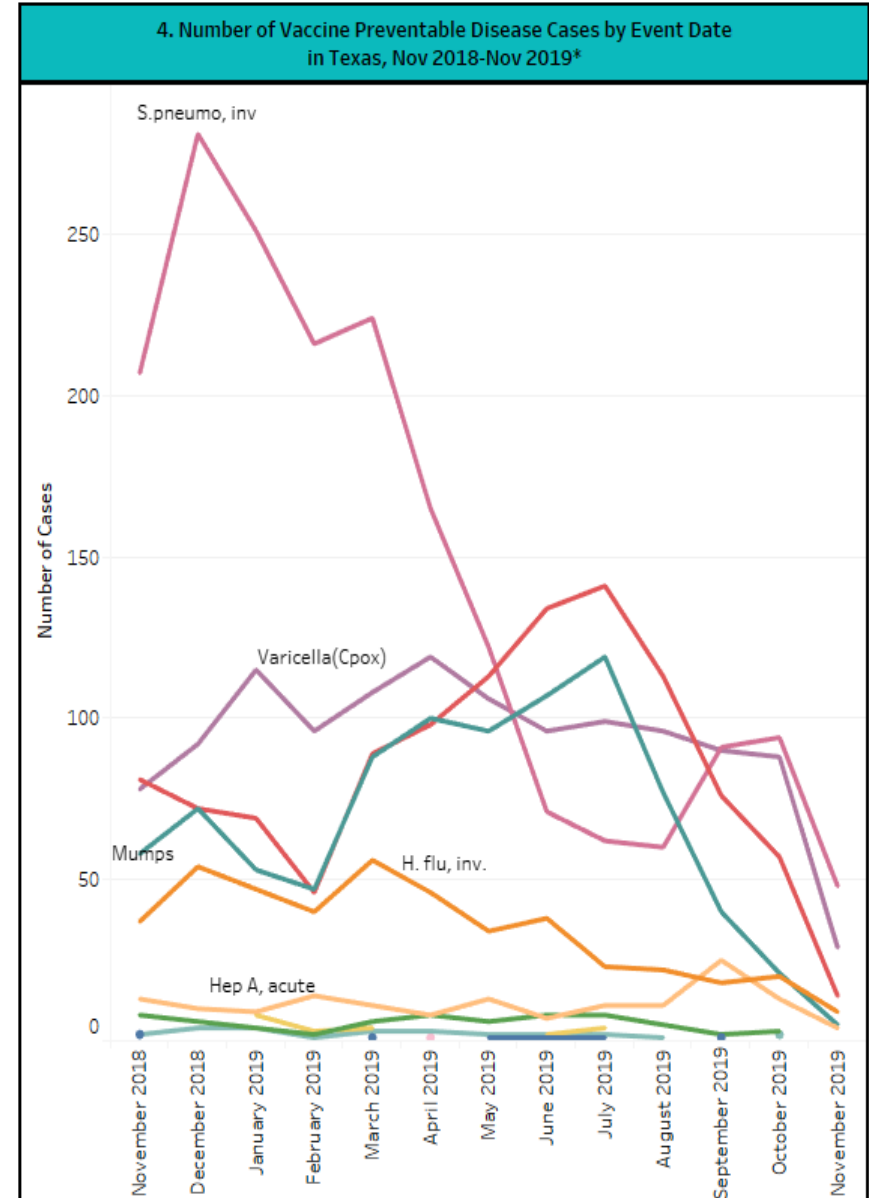
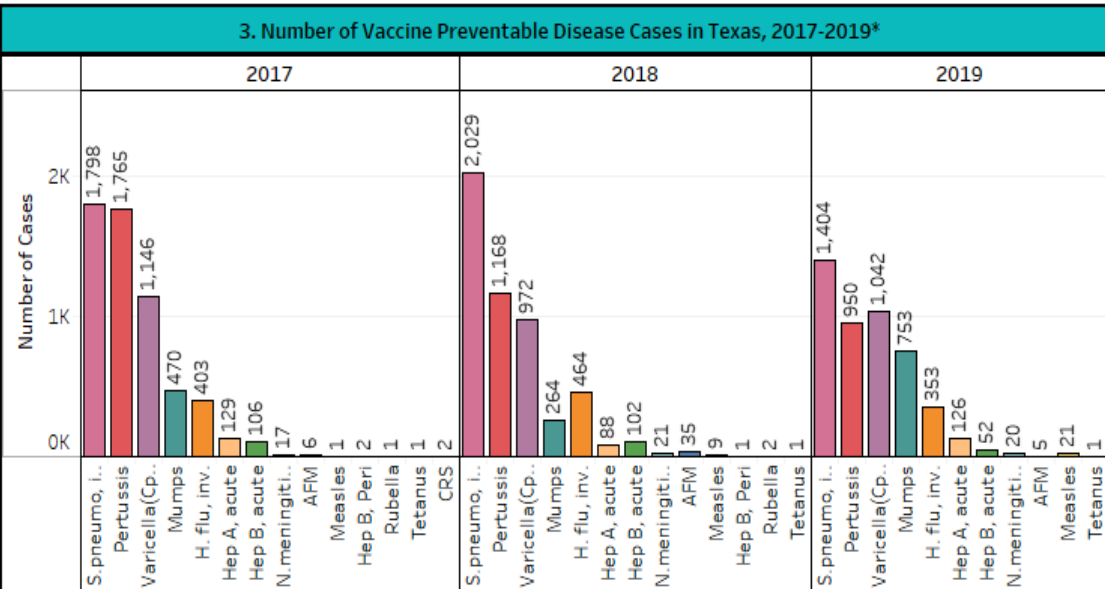
Vaccine Preventable Diseases in Texas Dashboard

DSHS Emerging and Acute Infectious Disease Unit

*Please note that 2019 data is provisional as of 12/4/19. Please refer to the footnotes attachment for more details on each table.

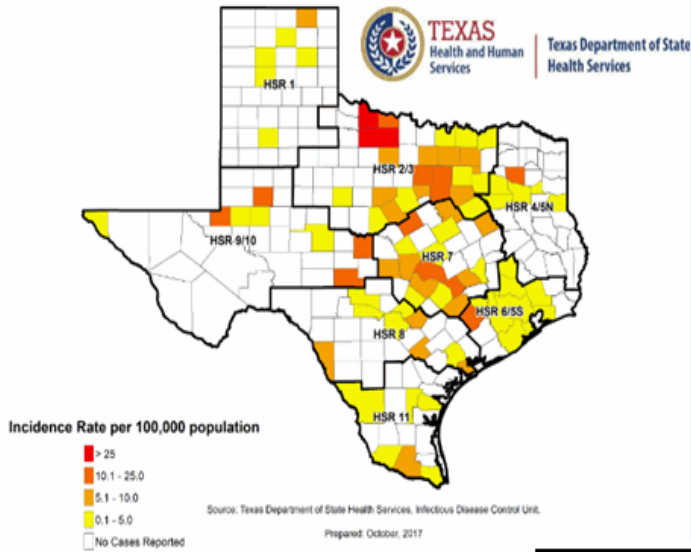
1. VPD Cases in Texas, 2017-2019*			
	2017	2018	2019
AFM		6	35
CRS		2	
H. flu, inv.	403	464	353
Hep A, acute	129	88	126
Hep B, acute	106	102	52
Hep B, Peri	2	1	
Measles	1	9	21
Mumps	470	264	753
N.meningitidis	17	21	20
Pertussis	1,765	1,168	950
Rubella	1	2	
S.pneumo, inv	1,798	2,029	1,404
Tetanus	1	1	1
Varicella(Cpox)	1,146	972	1,042
Grand Total	5,847	5,156	4,727

2. VPD Cases by DSHS Health Service Region, 2019*											
	1	2/3	4/5N	6/5S	7	8	9/10	11	Grand Total		
S.pneumo..	73	476	86	260	202	133	57	117	1,404		
Varicella..	23	283	27	211	166	126	34	172	1,042		
Pertussis	18	387	12	143	151	111	21	107	950		
Mumps		50	18	128	42	159	30	326	753		
H. flu, inv.	15	137	34	49	41	41	7	29	353		
Hep A, a..	3	35	7	31	16	26	2	6	126		
Hep B, ac..	2	16	3	13	6	9		3	52		
Measles		5		7	1	2	6		21		
N.menin..		4		5	4	1		6	20		
AFM		1	1	1	1	1			5		
Tetanus								1	1		
Grand To..	134	1,394	188	848	630	609	157	767	4,727		

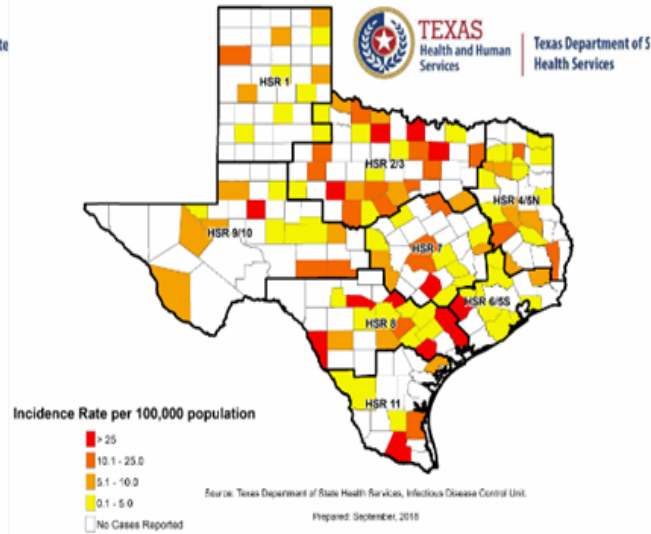


6. Incidence Rates by Select Vaccine Preventable Disease in Texas, 2016-2018

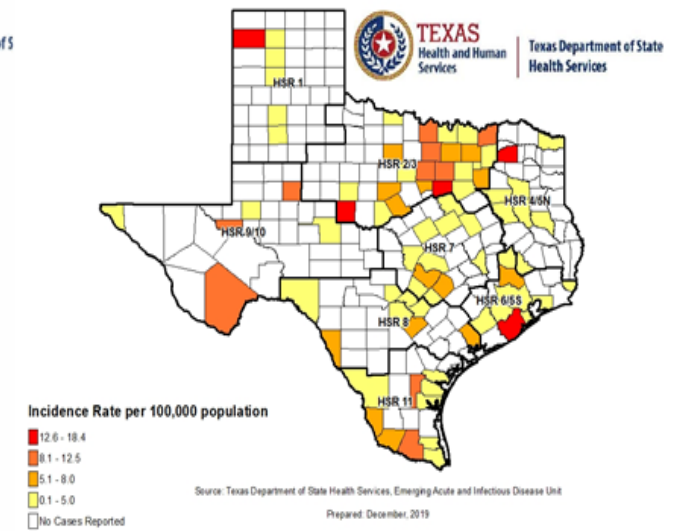
Incidence Rates of Pertussis Cases in Texas, 2016



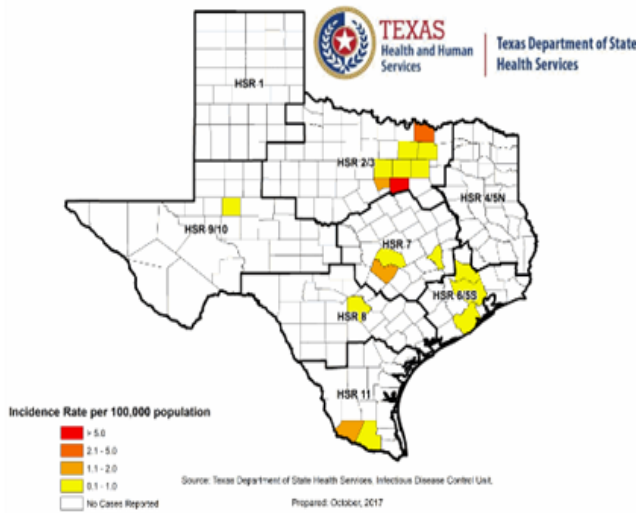
Incidence Rates of Pertussis Cases in Texas, 2017



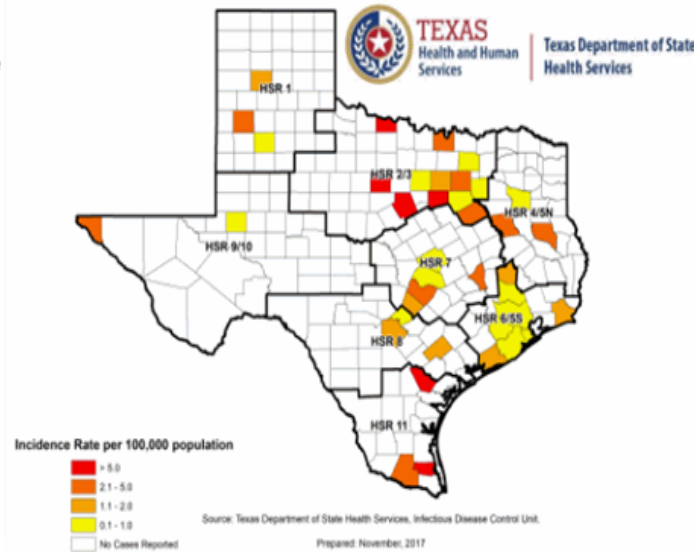
Incidence Rates of Pertussis Cases in Texas, 2018



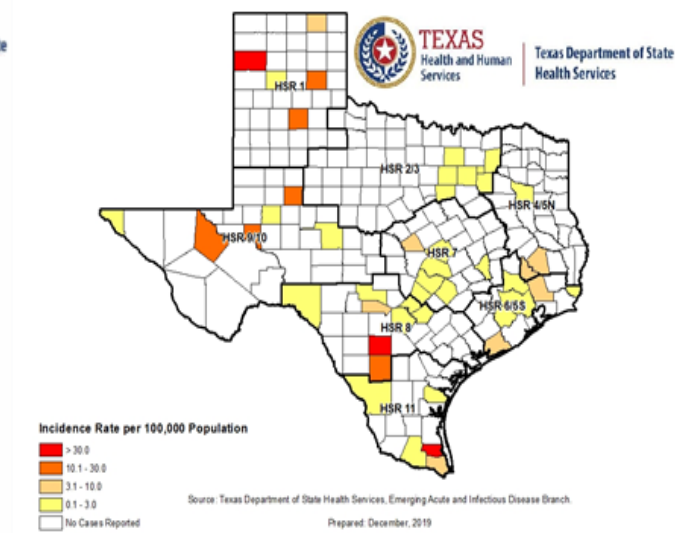
Incidence Rates of Mumps Cases in Texas, 2016



Incidence Rates of Mumps Cases in Texas, 2017



Incidence Rates of Mumps Cases in Texas, 2018



Footnotes to Vaccine Preventable Diseases in Texas Dashboard

All vaccine preventable disease (VPD) data captured in the dashboard represent cases that were approved in the Texas National Electronic Disease Surveillance System (NEDSS) as of 12/4/19. Any case pending data entry or approval is not included. Please note that data for 2017 and 2018 is final and complete. ***Data for 2019 is provisional as of 12/4/19.** Questions can be directed to the EAIDU VPD Team via VPDTexas@dshs.texas.gov.

1. VPD Cases in Texas, 2017-2019*

- This table illustrates a comparison of two previous years, 2017 and 2018, to the current year-to-date of January-November 2019*. The orange color palette darkens with emphasis as cases increase.

2. VPD Cases by DSHS Health Service Region, 2019*

- This table illustrates the number of cases for current year-to-date of 2019* by VPD condition and DSHS health service region (HSR). The teal color palette darkens with emphasis as cases increase.

3. Number of Vaccine Preventable Disease Cases in Texas, 2017-2019*

- This graph illustrates a comparison of cases by VPD condition from 2017 to current year-to-date of January-November 2019*. VPDs are listed in descending order by total case counts.

4. Number of Vaccine Preventable Disease Cases by Event Date in Texas, Nov 2018-Nov 2019*

- This line graph illustrates monthly case totals by VPD condition since Nov 2018 to current year-to-date.

5. Incidence Rates by Maps for Select Vaccine Preventable Diseases in Texas, 2015-2018

- Maps have been updated with finalized 2018 data.
- The first row illustrates pertussis disease incidence per 100,000 population by county level in Texas from 2016 to 2018.
- The second row illustrates mumps disease incidence per 100,000 population by county level in Texas from 2016 to 2018.

Note: Acute Flaccid Myelitis (AFM) is included among VPD surveillance counts to provide updates on AFM activity. Currently AFM is monitored by the DSHS VPD team. The exact cause of AFM is still yet to be determined. For more info on AFM, please go to <https://www.dshs.texas.gov/IDCU/disease/AFM/Acute-Flaccid-Myelitis.aspx>.

For additional information on VPDs, go to <https://www.dshs.texas.gov/IDCU/health/Vaccine-Preventable-Diseases.aspx>.

Additional VPD Data

- [Reported Morbidity and Mortality Cases of VPD in Texas, 2001-2017](#) (PDF)
- [VPD Case Counts by Age Groups in Texas, 2017](#) (PDF)

For more condition-specific data, go to [Conditions](#). Incidence rates by county and age group and some mapping information are available for select conditions.