



HEALTH & HUMAN SERVICES

Epi Flash Report

Fort Bend County

Public Health Emergency Preparedness Program

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Vaccine Recommendations for the 2018-2019 Flu Season

Flu season has officially started in Texas. Flu activity remains low nationally, though small increases have been noticed in 13 states including Texas. Influenza A (H1N) viruses have been the most commonly identified flu viruses since September 2018.

The best available protection against the flu is an annual vaccination for all community members ages 6 months or older. For the 2018-2019 flu season, Fort Bend County Health & Human Services (FBCHHS) and the Centers for Disease Control and Prevention (CDC) recommend the use of any licensed, age-appropriate influenza vaccine listed below with no preference for any influenza vaccine over another:

Trivalent flu vaccines include:

- One [standard-dose trivalent flu shot \(IIV3\)](#) manufactured using [virus grown in eggs](#). This shot (Afluria) can be given either with a needle (for people aged 5 years and older) or with a [jet injector](#) (or people aged 18 through 64 years only).
- A [high-dose trivalent flu shot](#) (Fluzone High-dose), approved for people 65 years and older.
- A [trivalent flu shot made with adjuvant](#) (Fluad), approved for people 65 years and older.

Quadrivalent flu vaccines include:

- Standard-dose [quadrivalent flu shots](#) that are manufactured using viruses grown in eggs. These include Afluria Quadrivalent, Fluarix Quadrivalent, FluLaval Quadrivalent, and Fluzone Quadrivalent. Different flu shots are approved for different age groups. Some are approved for children as young as 6 months of age. Most flu shots are given in the arm (muscle) with a needle. One quadrivalent flu shot (Afluria Quadrivalent) can be given either with a needle (for people aged 5 years and older) or with a jet injector (for people aged 18 through 64 years only).
- A [quadrivalent cell-based flu shot](#) (Flucelvax Quadrivalent) containing viruses grown in cell culture (that is egg-free), which is approved for people 4 years and older.
- A [recombinant quadrivalent flu shot](#) (Flublok Quadrivalent) approved for people 18 years and older.

A previous severe allergic reaction to any influenza vaccine is a medical contraindication for all flu vaccines. Medical contraindications for the live attenuated influenza vaccine include concomitant aspirin or salicylate-containing therapy in children and adolescents; children and adults who are immunocompromised due to any cause (including immunosuppression caused by medications or by HIV infection); close contacts and caregivers of severely immunosuppressed persons who require a protected environment; Pregnancy; Receipt of influenza antiviral medication within previous 48 hours.

For additional flu vaccine information, please visit the CDC website <https://www.cdc.gov/flu/professionals/acip/index.htm>

Environmental & Infectious Diseases in Fort Bend County

Diseases Notified to Texas DSHS	# of Investigations Completed in October 2018	# of Cases Notified to TX DSHS in October 2018	# of Investigations Completed from 01/01/2018 to 10/31/2018	# of Cases Notified to TX DSHS from 01/01/2018 to 10/31/2018
Acute Flaccid Myelitis (AFM)	1	1	1	1
Campylobacteriosis	1	1	48	47
Carbapenem-resistant Enterobacteriaceae (CRE)	13	12	69	64
Cryptosporidiosis	1	1	4	4
Dengue	1	1	15	1
Ehrlichiosis, chaffeensis	1	-	2	-
Giardiasis	1	-	10	2
Hepatitis A, acute	1	-	20	1
Hepatitis B virus infection, Chronic	20	-	116	-
Hepatitis B, acute	18	1	141	3
Hepatitis C Virus Infection, chronic or resolved	4	-	30	-
Hepatitis C, acute	1	-	41	-
Influenza, human isolates	1	-	450	-
Lyme disease	1	-	41	-
Malaria	1	1	6	6
Methicillin-resistant Staphylococcus aureus (MRSA)	10	-	93	-
Multidrug-resistant Acinetobacter (MDR-A)	6	6	31	29
Mumps	2	1	7	3
Pertussis	7	6	44	27
Rickettsia, unspecified	7	-	96	-
Rubella	6	-	21	-
Salmonellosis	25	25	125	125
Shiga toxin-producing Escherichia coli (STEC)	1	1	22	20
Streptococcus pneumoniae, invasive disease (IPD)	2	2	21	21
Streptococcus, invasive Group A	3	3	21	11
Streptococcus, invasive Group B	5	2	62	16
Typhus fever-fleaborne, murine	2	-	14	5
Varicella (Chickenpox)	9	-	113	26
West Nile Fever	8	-	23	-
Yersiniosis	1	1	6	4
Zika virus disease, non-congenital	16	-	132	1