

Disclaimer

Most influenza cases are not reportable in the state of Texas. The information in this report contains data submitted from sentinel sites around the region along with emergency department data.

Definitions

Before reading through the report, familiarize yourself with the following terms.

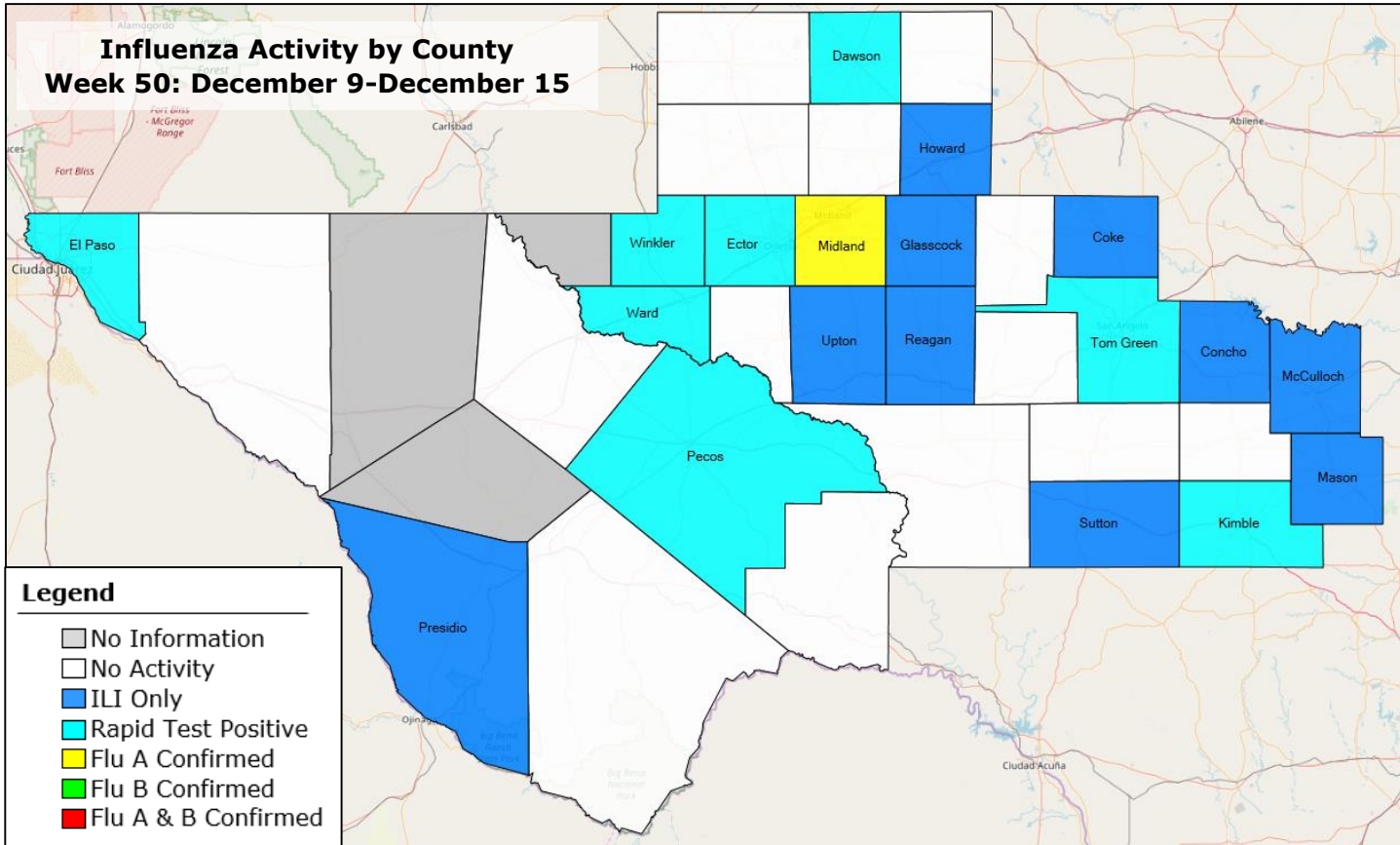
ILI: Influenza-like Illness. A fever at or above 100°F, a cough or sore throat, and no other known cause of the illness.

PCR/Culture: These are lab tests used to confirm whether a patient truly has influenza.

Findings

ILI increased to 6.42% this week from 4.66% last week. During Week 50 last year, ILI was at 7.40%. Ward County saw the largest increase in ILI and number of positive rapid flu tests jumping from 1 positive rapid test in Week 49 to 69 positive rapid tests in Week 50. Midland County remained the only county in the region with confirmed Flu A. Total positive flu tests in the region more than doubled from last week.

The Numbers



This map shows the varying levels of ILI and flu activity by county. The colors on the map correspond to the boxes above the map as well as the legend.

County-By-County

The information presented below aggregates all active and passive surveillance reports from the week of December 9-December 15 in Region 9/10.

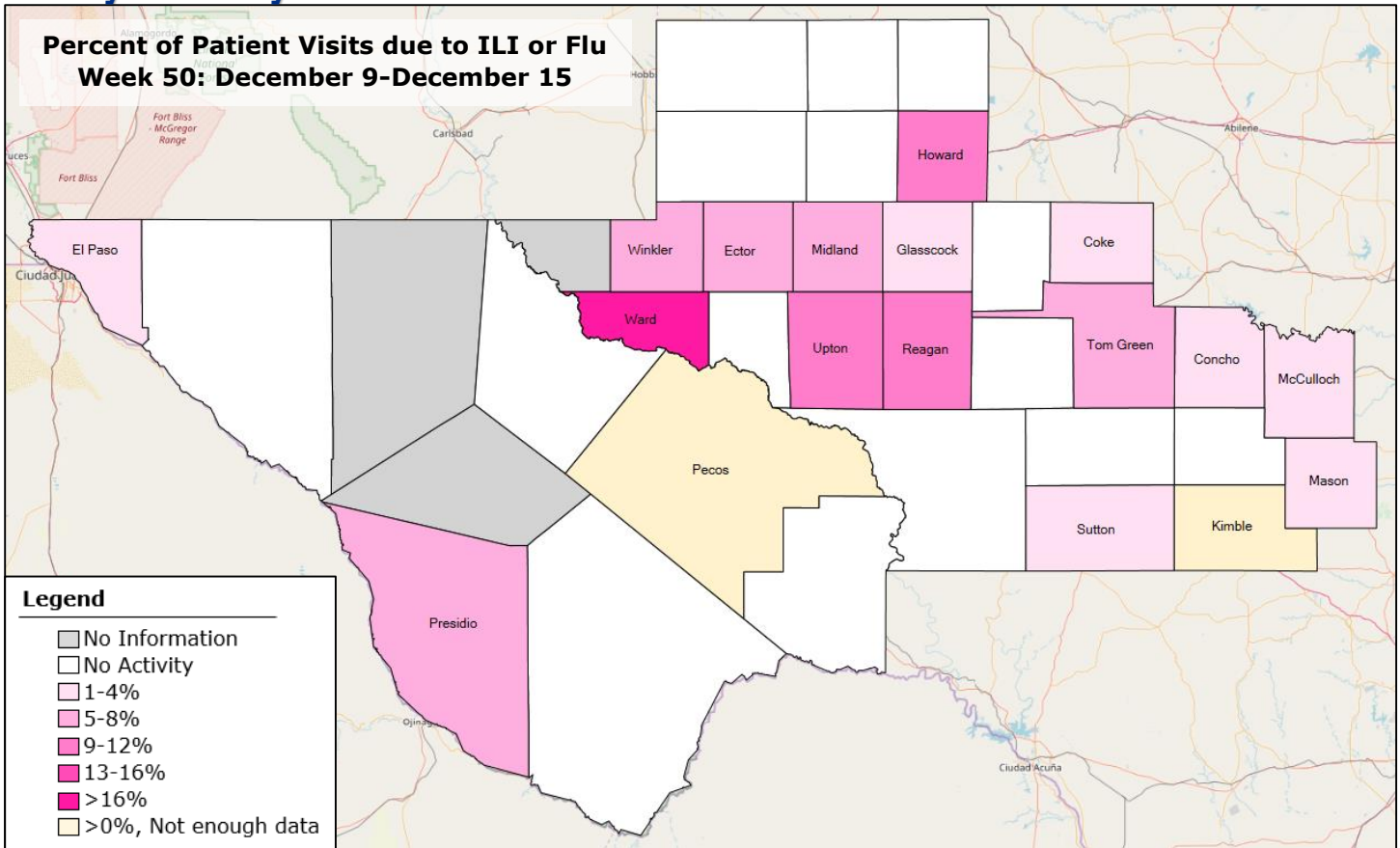
County of Patient Residence	Total Patients or Students Seen for Any Reason	# with ILI	# Rapid Test Positive	#PCR or Culture A	#PCR or Culture B	% of Visits due to ILI (Week 50)	% of Visits due to ILI (Week 49)
Andrews	466	0	0	0	0	0%	0%
Borden	5	0	0	0	0	0%	0%
Brewster	1	0	0	0	0	0%	0%
Coke	31	1	0	0	0	3%	7%
Concho	61	2	0	0	0	3%	4%
Crane	4	0	0	0	0	0%	0%
Crockett	10	0	0	0	0	0%	0%
Culberson	0	0	0	0	0	N/A	0%
Dawson	128	0	1	0	0	0%	2%
Ector	7143	496	32	0	0	7%	6%
El Paso	2933	110	39	0	0	4%	3%
Gaines	25	0	0	0	0	0%	0%
Glasscock	28	1	0	0	0	4%	0%
Howard	43	4	0	0	0	9%	3%
Hudspeth	9	0	0	0	0	0%	>0%*
Irion	14	0	0	0	0	0%	0%
Jeff Davis	0	0	0	0	0	N/A	0%
Kimble	241	0	1	0	0	0%	0%
Loving	0	0	0	0	0	N/A	N/A
McCulloch	621	15	0	0	0	2%	1%
Martin	2	0	0	0	0	0%	>0%*
Mason	38	1	0	0	0	3%	7%
Menard	33	0	0	0	0	0%	0%
Midland	1602	90	1	6	0	6%	6%
Pecos	790	0	19	0	0	0%	1%
Presidio	129	9	0	0	0	7%	3%
Reagan	46	4	0	0	0	9%	5%
Reeves	8	0	0	0	0	0%	2%
Schleicher	11	0	0	0	0	0%	>0%*
Sterling	8	0	0	0	0	0%	>0%*
Sutton	150	3	0	0	0	2%	2%
Terrell	2	0	0	0	0	0%	0%
Tom Green	3303	198	10	0	0	6%	6%
Upton	66	7	0	0	0	11%	3%
Ward	807	140	68	0	0	17%	3%
Winkler	302	19	9	0	0	6%	8%
Total	17144+	1100	180	6	0	6.42%	4.66%

*There were not enough patient visits reported to determine an accurate representation of the percent of visits due to ILI.

†Total Patient count does not include reports that did not include ILI counts.

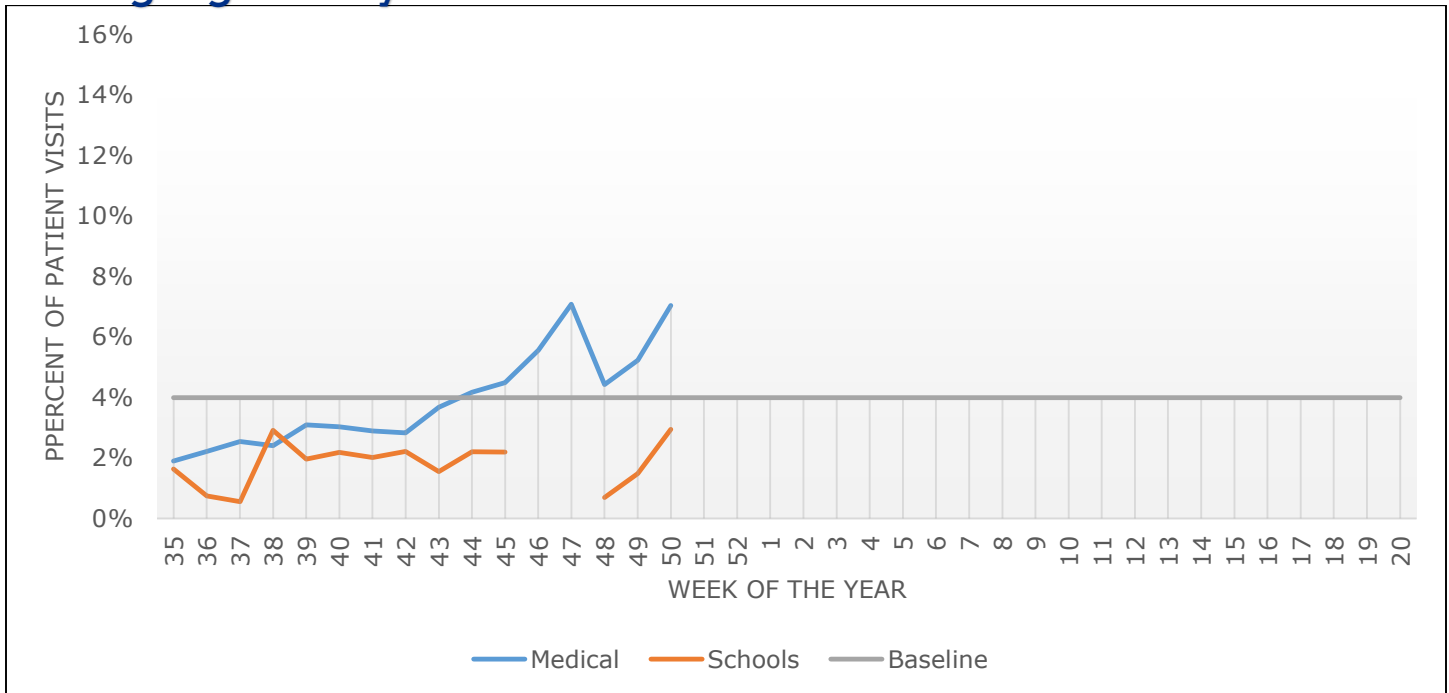
Please note: The majority of influenza cases are not reportable by law in Texas. This map contains data from sentinel sites and only displays influenza and ILI cases that were reported to public health. Positive laboratory results are reported according to specimen collection date, or date received in the laboratory if the former is unknown.

ILI by County



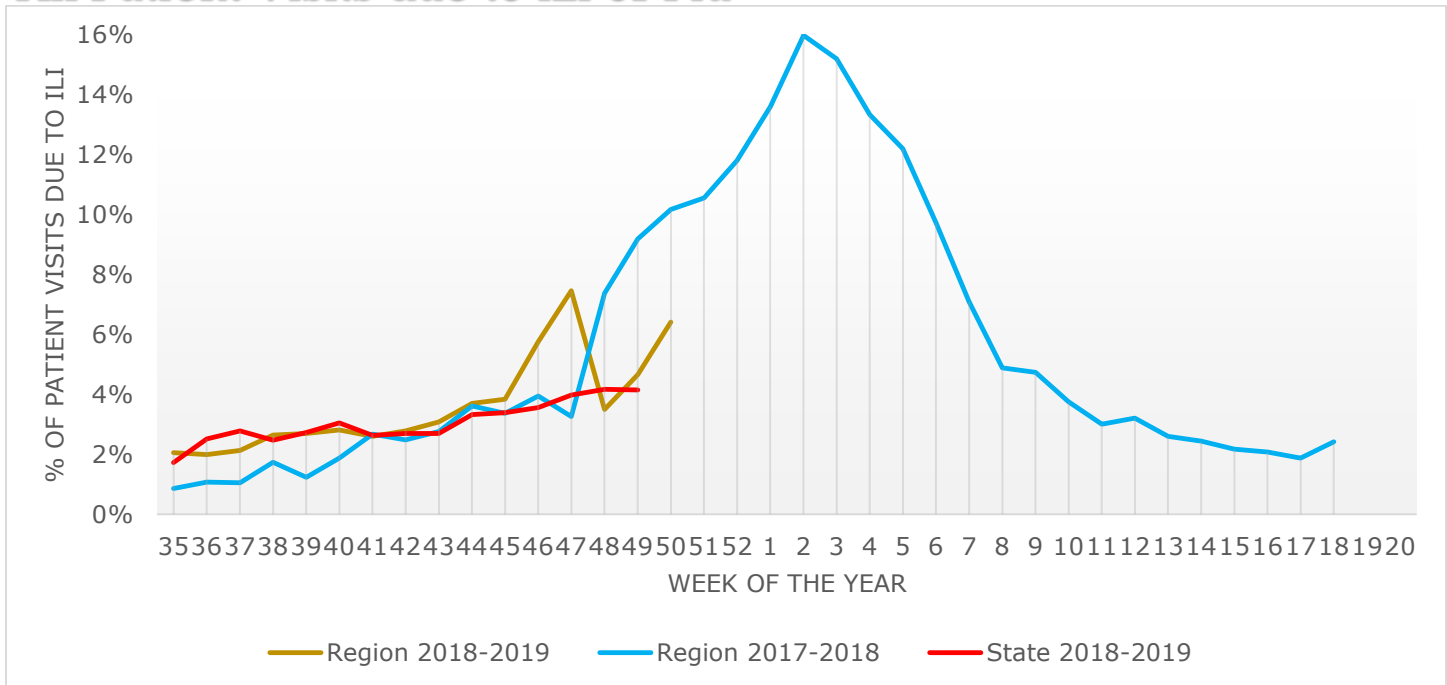
This map shows the levels of ILI by county. Darker shades of pink indicate higher levels of ILI. Counties that reported seeing fewer than 20 patients during the week but had at least one patient with ILI are colored light yellow. The legend provides additional detail.

ILI Segregated by Schools & Clinics in West Texas



The **blue** line shows the percent of all patient visits at a medical facility due to ILI in Region 9/10 while the **orange** line shows the percent of all nurse visits at a school due to ILI per week in Region 9/10. The **grey** line shows the percent of visits to the doctor that we expect to see when it is not flu season. *School data was not added for Week 46 or Week 47 since only one district reported. Since no line can be drawn where there is missing data, the triangle symbolizes ILI for Week 48.*

All Patient Visits due to ILI or Flu



The **gold** line shows the percent of all hospital or school nurse visits due to ILI during the current season in our region (West Texas). The **blue** line shows the percent of all hospital visits due to ILI last season in our region (West Texas). The **red** line shows the percent of all hospital visits due to ILI during the current season statewide.

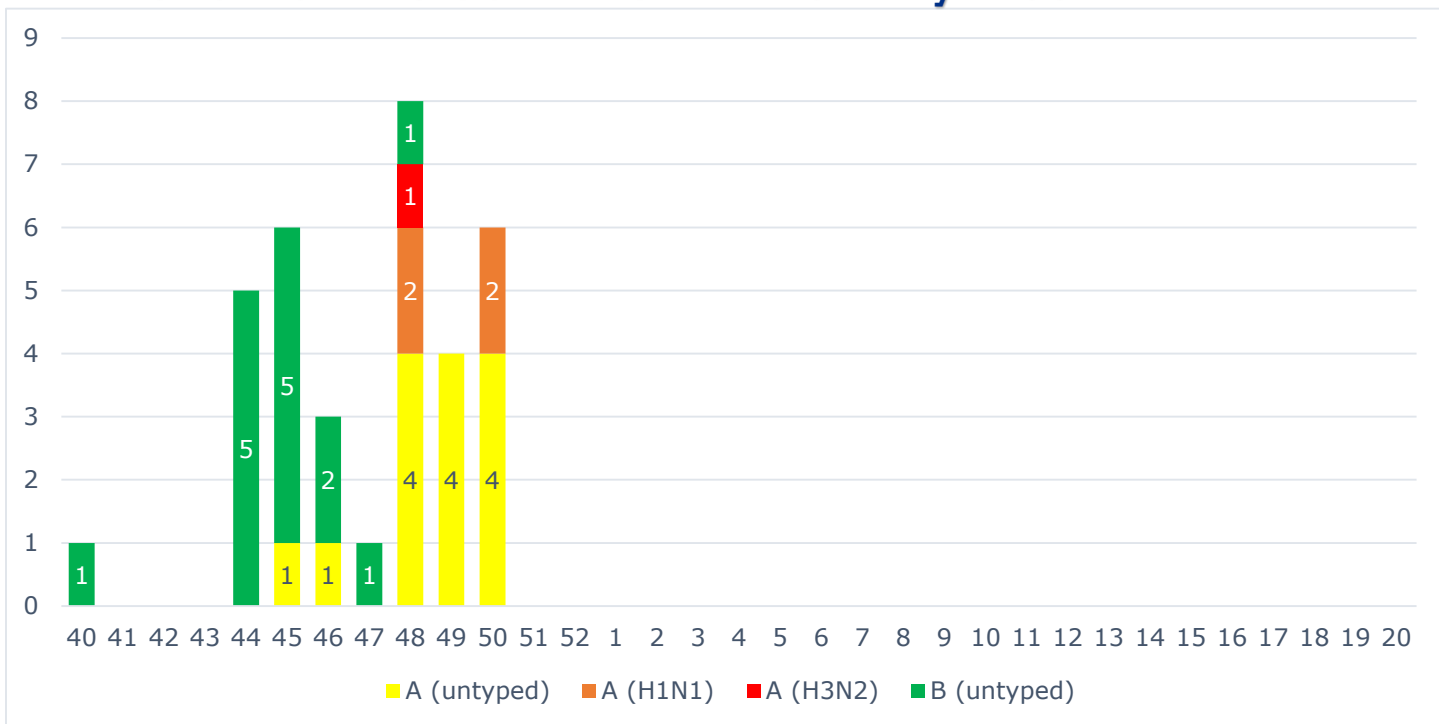
Week-by-Week Info

Week	Dates	Total Visits	Total ILI	Total Flu	%ILI 18-19	%ILI 17-18
35	08/25-09/01	11,089	217	6	2.11	1.0
36	09/02-09/08	16,274	263	5	↓ 2.05	↑ 1.6
37	09/09-09/15	16,031	289	13	↑ 2.16	↓ 0.9
38	09/16-09/22	27,466	670	4	↑ 2.63	↑ 1.1
39	09/23-09/29	22,271	592	13	↑ 2.70	= 1.1
40	09/30-10/06	18,777	580	17	↑ 2.82	↑ 1.7
41	10/07-10/13	26,009	692	15	↓ 2.60	↓ 1.2
42	10/14-10/20	22,405	596	28	↑ 2.79	↑ 1.9
43	10/21-10/27	27,637	823	30	↑ 3.09	↑ 2.7
44	10/28-11/03	26,622	942	45	↑ 3.71	↓ 2.5
45	11/04-11/10	26,422	973	42	↑ 3.84	↑ 2.8
46	11/11-11/17	14,625	808	36	↑ 5.77	↑ 3.6
47	11/18-11/24	13,595	966	52	↑ 7.46	↓ 3.4
48	11/25-12/01	28,961	1049	75	↓ 3.50	↑ 4.0
49	12/02-12/08	22,781	1026	77	↑ 4.66	↓ 3.3
50	12/09-12/15	17,144	1100	186	↑ 6.42	↑ 7.4
51						↑ 9.2
52						↑ 10.2

Outbreaks and Pediatric Deaths

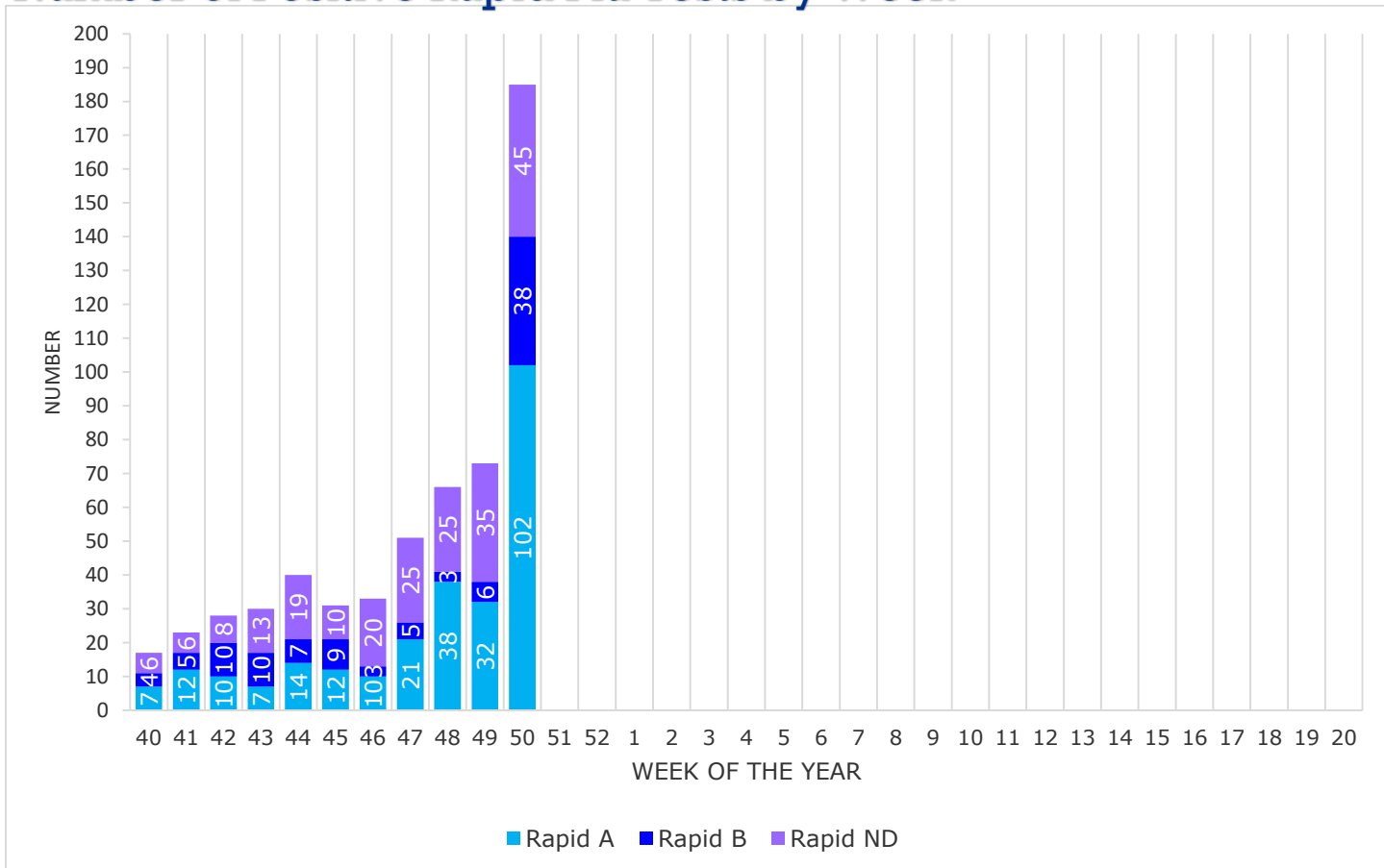
One outbreak was reported in Region 9/10 during Week 50 at a hospital.
No pediatric deaths were reported in Region 9/10 during Week 50.

Number of Positive Confirmed Flu Tests by Week



A flu test is confirmed by growing a culture of the specimen or by polymerase chain reaction (PCR) testing.

Number of Positive Rapid Flu Tests by Week



Rapid tests can usually be conducted within thirty minutes, but are not as accurate as growing a culture or using PCR.