

Respiratory Virus Report, Week 8 - ending February 27, 2021

The Respiratory Virus Detection Surveillance System collects data from select laboratories across Canada on the number of tests performed and the number of tests positive for influenza and other respiratory viruses. Data are reported on a weekly basis year-round to the Centre for Immunization and Respiratory Infectious Diseases (CIRID), Public Health Agency of Canada. These data are also summarized in the weekly FluWatch report.

In this Respiratory Virus Report, the number of detections of coronavirus reflects only seasonal human coronaviruses, not the novel pandemic coronavirus (SARS-CoV2) that causes COVID-19. For information on COVID-19, see the [Coronavirus disease \(COVID-19\): Outbreak](#)

Table 1: Respiratory Virus Detections/Isolations for the week ending February 27, 2021 (Reporting Week 202108)

Reporting Laboratory	Flu Tested	A(H1N1)pdm09 Positive	A(H3) Positive	A(UnS) Positive	Total Flu A Positive	Total Flu B Positive	RSV Tested	RSV Positive	PIV Tested	PIV 1 Positive	PIV 2 Positive	PIV 3 Positive	PIV 4 Positive	Other PIV Positive	Adeno Tested	Adeno Positive	hMPV Tested	hMPV Positive	Entero/Rhino Tested	Entero/Rhino Positive	Coron Tested	Coron Positive
Newfoundland	163	0	0	0	0	0	163	0	163	0	0	0	0	0	165	1	163	1	163	6	N.A.	N.A.
Prince Edward Island	174	0	0	0	0	0	174	0	174	0	0	0	0	0	174	2	174	0	174	21	174	0
Nova Scotia	618	0	0	0	0	0	618	0	6	0	0	0	0	0	6	1	6	0	6	1	6	0
New Brunswick	462	0	0	0	0	0	161	0	20	0	0	0	0	0	20	0	20	0	20	0	20	0
Atlantic	1417	0	0	0	0	0	1116	0	363	0	0	0	0	0	365	4	363	1	363	28	200	0
Région Nord-Est	97	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	N.A.	N.A.	0	0
Québec-Chaudière-Appalaches	25	0	0	0	0	0	30	0	17	0	0	0	0	0	17	3	17	0	N.A.	N.A.	17	3
Centre-du-Québec	19	0	0	0	0	0	19	0	9	0	0	0	0	0	9	2	9	0	N.A.	N.A.	9	0
Montréal-Laval	141	0	0	0	0	0	141	0	113	0	0	0	0	0	113	3	112	0	N.A.	N.A.	112	3
Ouest du Québec	97	0	0	0	0	0	97	0	0	0	0	0	0	0	0	0	0	0	N.A.	N.A.	0	0
Montérégie	39	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	N.A.	N.A.	0	0
Province of Québec	418	0	0	0	0	0	356	0	139	0	0	0	0	0	139	8	138	0	N.A.	N.A.	138	6
P.H.O.L. - Ottawa	12	0	0	0	0	0	12	0	7	0	0	0	0	0	7	0	7	0	7	0	7	0
CHEO - Ottawa	125	0	0	0	0	0	125	0	22	0	0	0	0	0	22	0	22	0	22	3	22	0
P.H.O.L. - Kingston	14	0	0	0	0	0	14	0	7	0	0	0	0	0	7	0	7	0	7	0	7	0
UHN / Mount Sinai Hospital	481	0	0	0	0	0	481	1	424	0	0	0	0	0	424	1	424	0	424	5	424	0
P.H.O.L. - Toronto	155	0	0	0	0	0	155	0	70	0	0	0	0	0	70	0	70	0	70	0	70	0
Sick Kids Hospital - Toronto	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sunnybrook & Women's College HSC	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
P.H.O.L. - Sault Ste. Marie	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0
P.H.O.L. - Timmins	5	0	0	0	0	0	5	0	3	0	0	0	0	0	3	0	3	0	3	0	3	0
St. Joseph's - London	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
P.H.O.L. - London	18	0	0	0	0	0	18	0	3	0	0	0	0	0	3	0	3	0	3	0	3	0
P.H.O.L. - Orillia	21	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P.H.O.L. - Thunder Bay	5	0	0	0	0	0	5	0	4	0	0	0	0	0	4	0	4	0	4	1	4	0
P.H.O.L. - Sudbury	14	0	0	0	0	0	14	0	6	0	0	0	0	0	6	1	6	0	6	1	6	0
P.H.O.L. - Hamilton	18	0	0	0	0	0	18	0	14	0	0	0	0	0	14	0	14	0	14	0	14	0
P.H.O.L. - Peterborough	10	0	0	0	0	0	10	0	5	0	0	0	0	0	5	0	5	0	5	0	5	0
St. Joseph's - Hamilton	301	0	0	0	0	0	301	0	301	0	0	0	0	0	301	1	301	0	301	6	0	0
Province of Ontario	1180	0	0	0	0	0	1180	1	867	0	0	0	0	0	867	3	867	0	867	16	566	0
Province of Manitoba	1277	0	0	0	0	0	1277	0	87	0	0	0	0	0	87	0	127	0	87	4	127	0
Province of Saskatchewan	11252	0	0	0	0	0	326	0	38	0	0	0	0	0	38	1	38	0	38	5	38	0
Province of Alberta	2225	0	0	0	0	0	550	0	550	0	0	0	0	0	550	3	550	0	550	53	550	0
Prairies	14754	0	0	0	0	0	2153	0	675	0	0	0	0	0	675	4	715	0	675	62	715	0
British Columbia	3129	0	0	0	0	0	3123	0	514	1	0	0	0	0	514	1	514	2	507	28	495	1
Yukon	56	0	0	0	0	0	2	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Northwest Territories	15	0	0	0	0	0	13	0	13	0	0	0	0	0	13	0	13	0	13	2	13	0
Nunavut	2	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0
Territories	73	0	0	0	0	0	16	0	14	0	0	0	0	0	14	0	14	0	14	2	14	0
CANADA	20971	0	0	0	0	0	7944	1	2572	1	1	0	0	0	2574	20	2611	3	2426	136	2128	7

The data in the RVDSS report represent surveillance data available at the time of writing. Missing data are denoted by N.A.

Specimens from Yukon (YT), Northwest Territories (NT) and Nunavut (NU) are sent to reference laboratories in other provinces and reported results reflect specimens identified as originating from YT, NT or NU.

Results from British Columbia comprise of specimens from the following sites: BC Children's and Women's Hospital, Fraser Health Medical Microbiology Laboratory, Island Health, Providence Health Care, Powell River Hospital, St. Paul's Hospital, Vancouver General Hospital, Victoria General Hospital, BCCDC Public Health Laboratory, Interior Health Authority sites and Northern Health Authority sites.

Delays in the reporting of data may cause data to change retrospectively.

Influenza co-detections may cause the sum of A(H1N1)pdm09, A(H3), and A(UnS) positive results to exceed the sum of Total Flu A Positive results.

Figure 1: Number positive laboratory tests for other respiratory viruses by report week, Canada, 2020-21

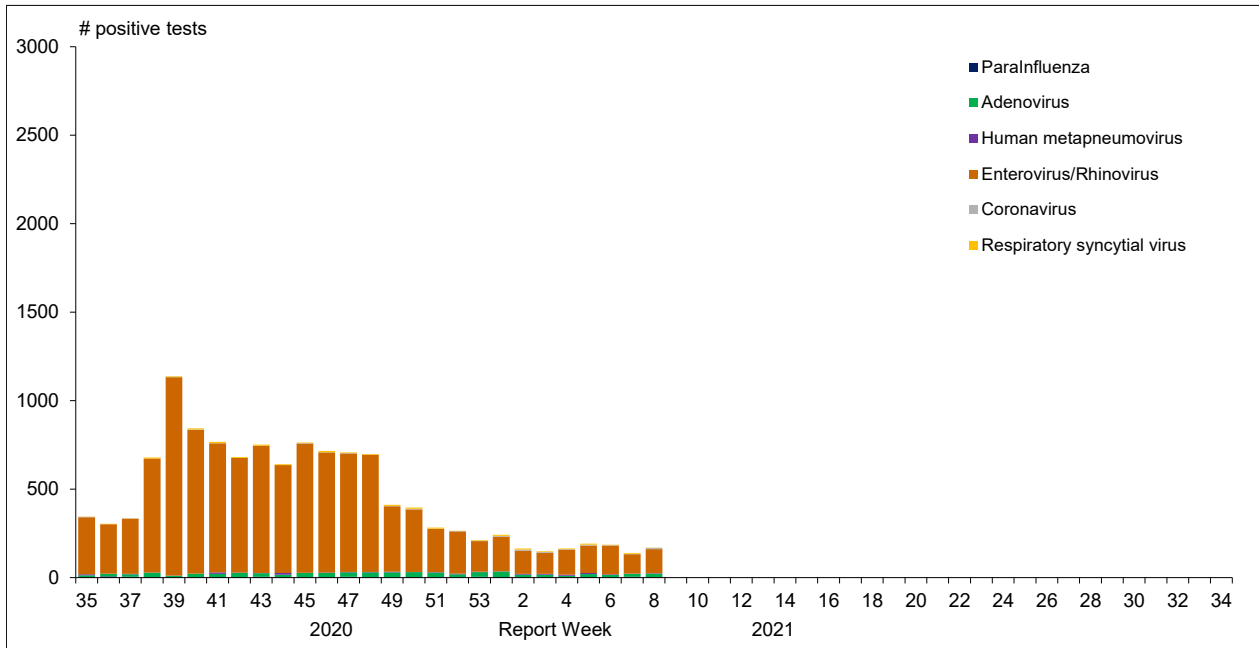


Figure 2 : Positive Influenza Tests (%) in Canada by Region by Week of Report

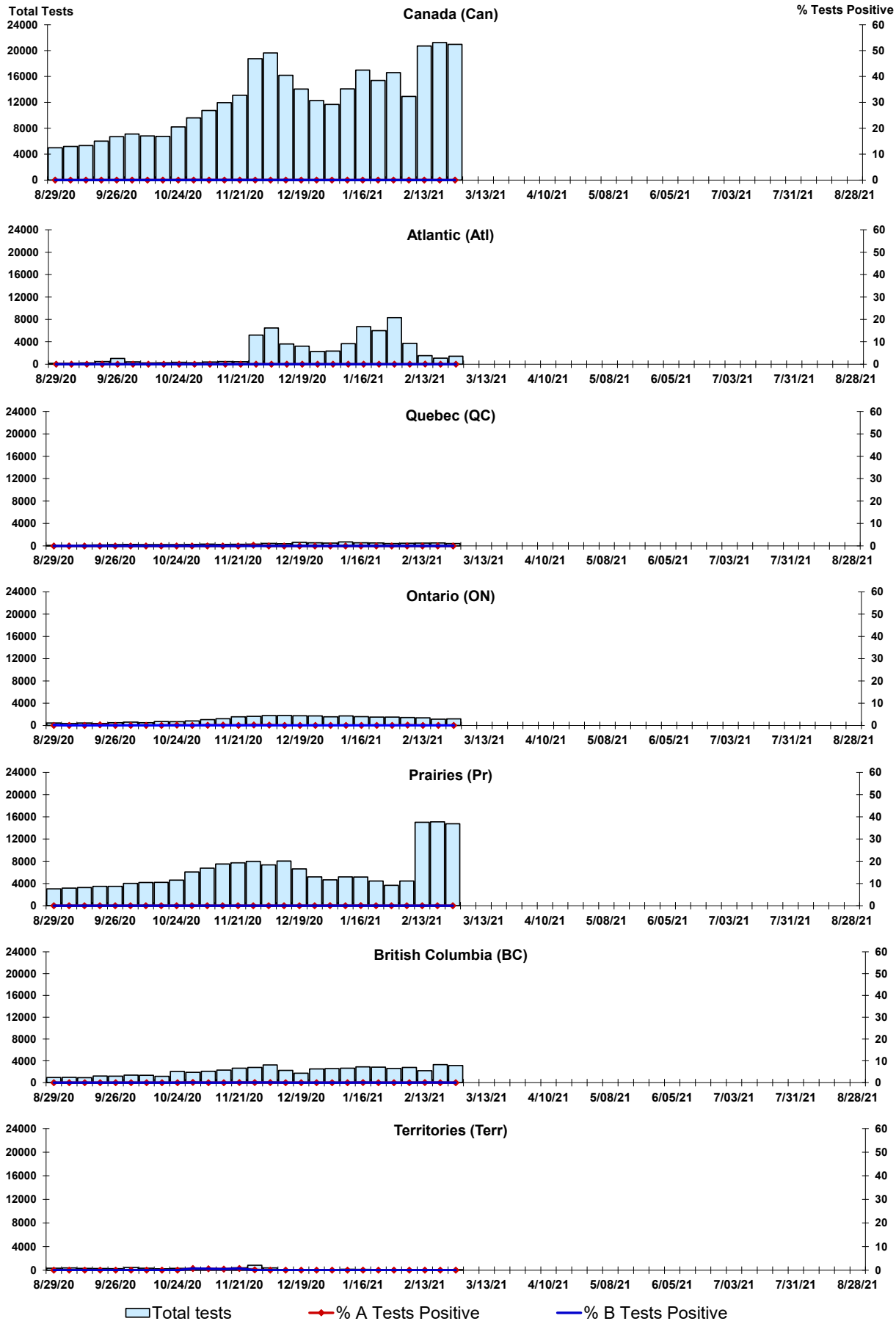


Figure 3: Positive Respiratory syncytial virus (RSV) Tests (%) in Canada by Region by Week of Report

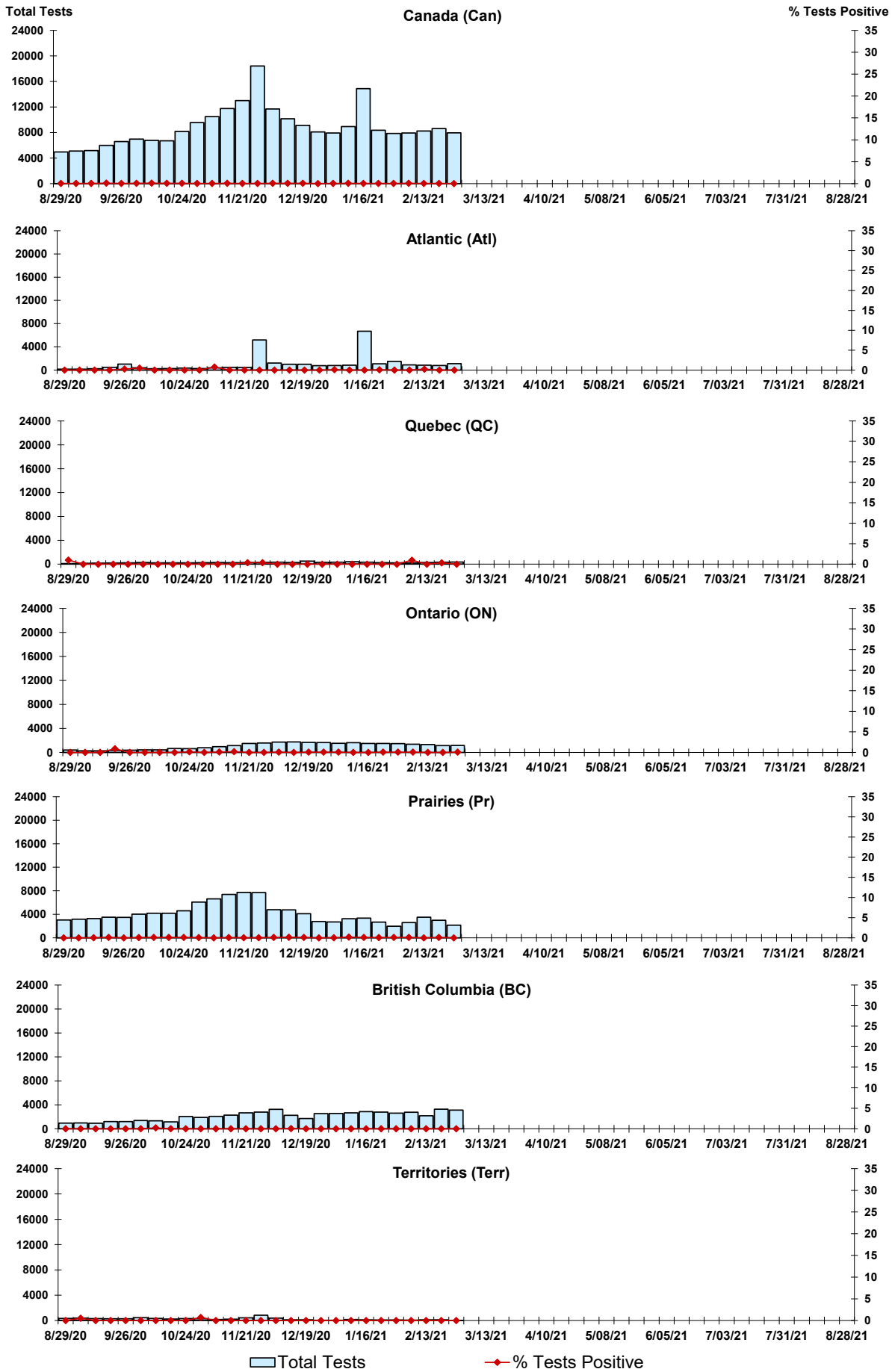
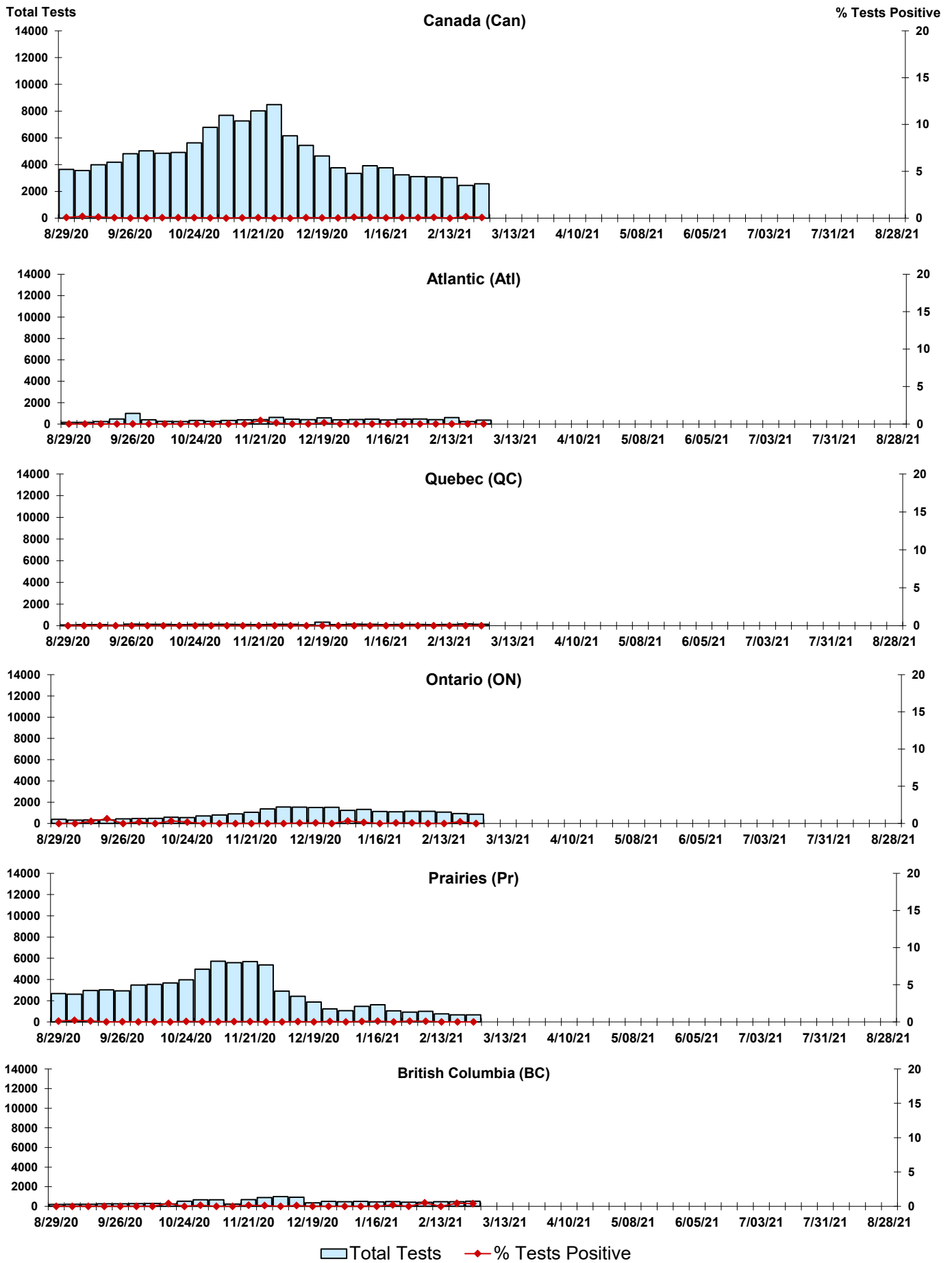


Figure 4: Positive Parainfluenza (PIV) Tests (%) in Canada by Region by Week of Report



Legend: Total Tests (light blue bar), % Tests Positive (red diamond)

Figure 5: Positive Adenovirus (adeno) Tests (%) in Canada by Region by Week of Report

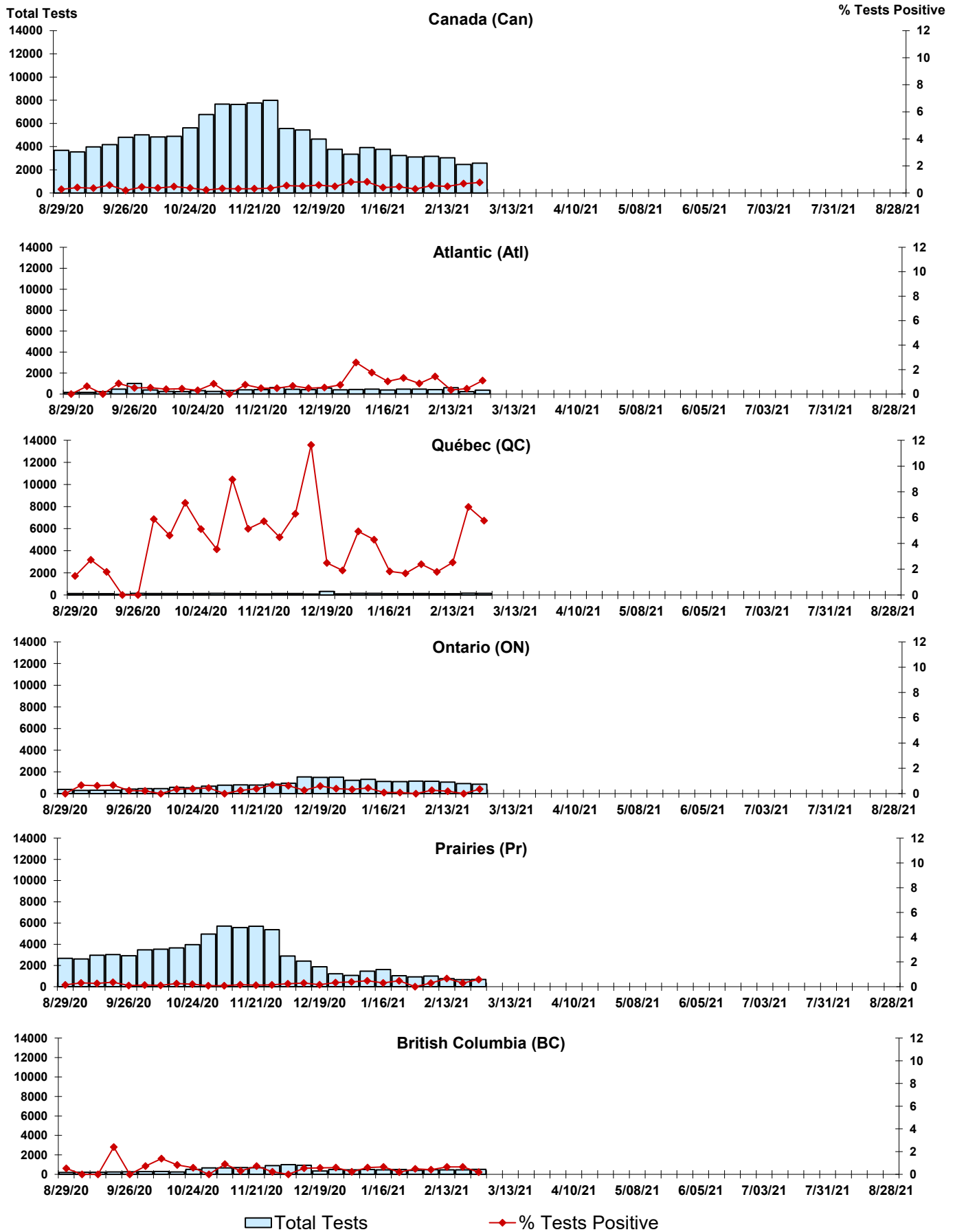


Figure 6: Positive human metapneumovirus (hMPV) Tests (%) in Canada by Region by Week of Report

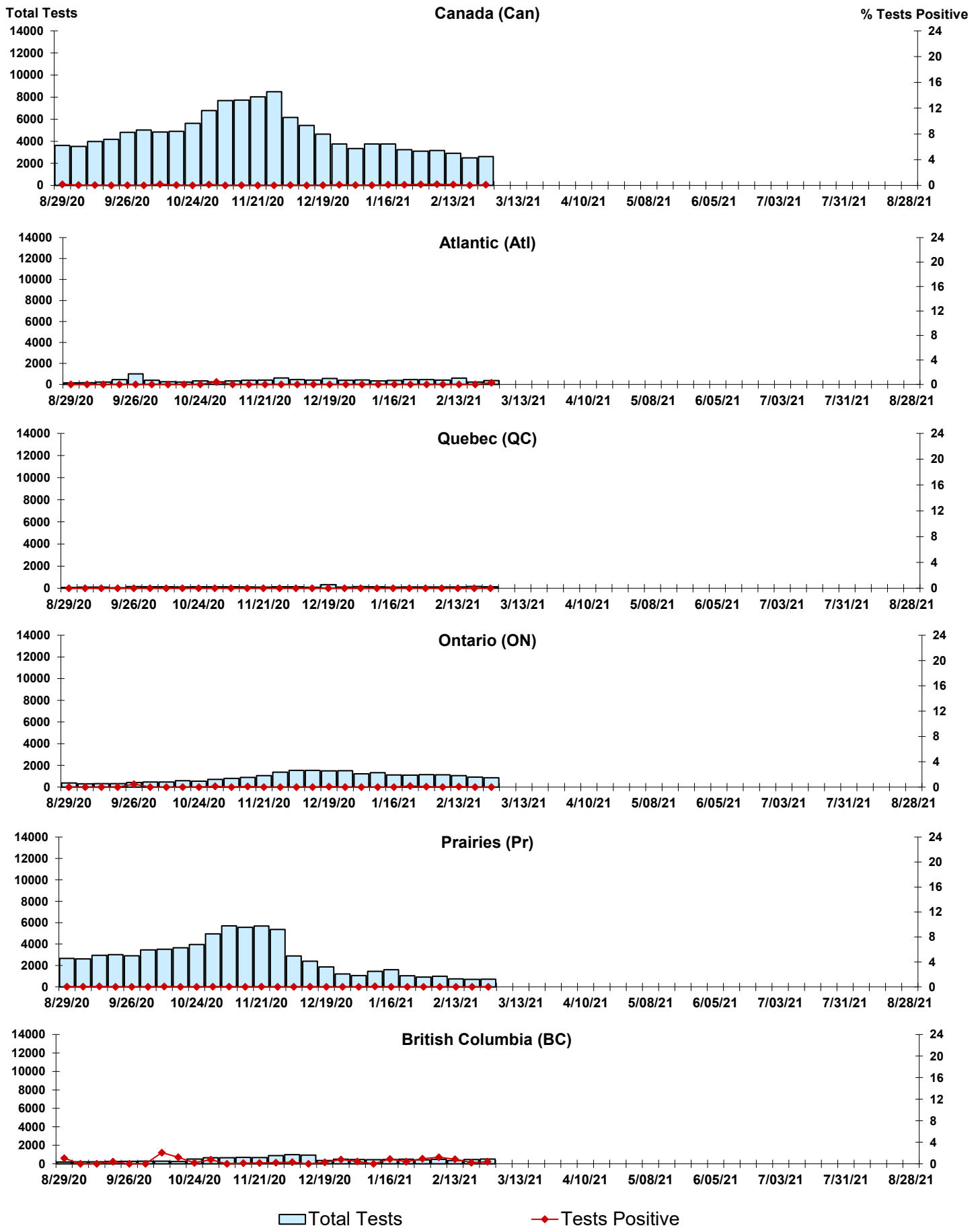


Figure 7: Positive Enterovirus/Rhinovirus (entero/rhino) Tests (%) in Canada by Region by Week of Report

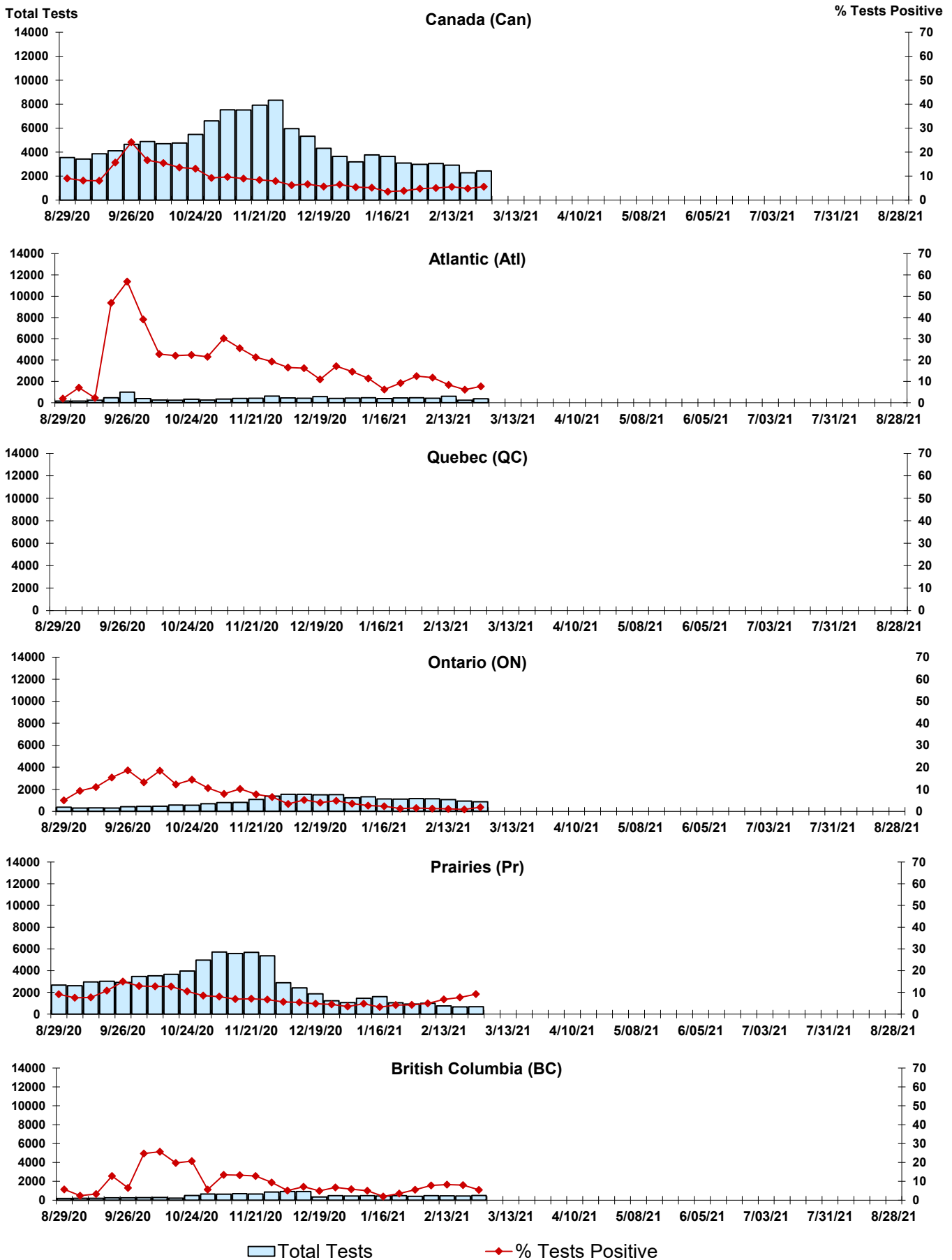
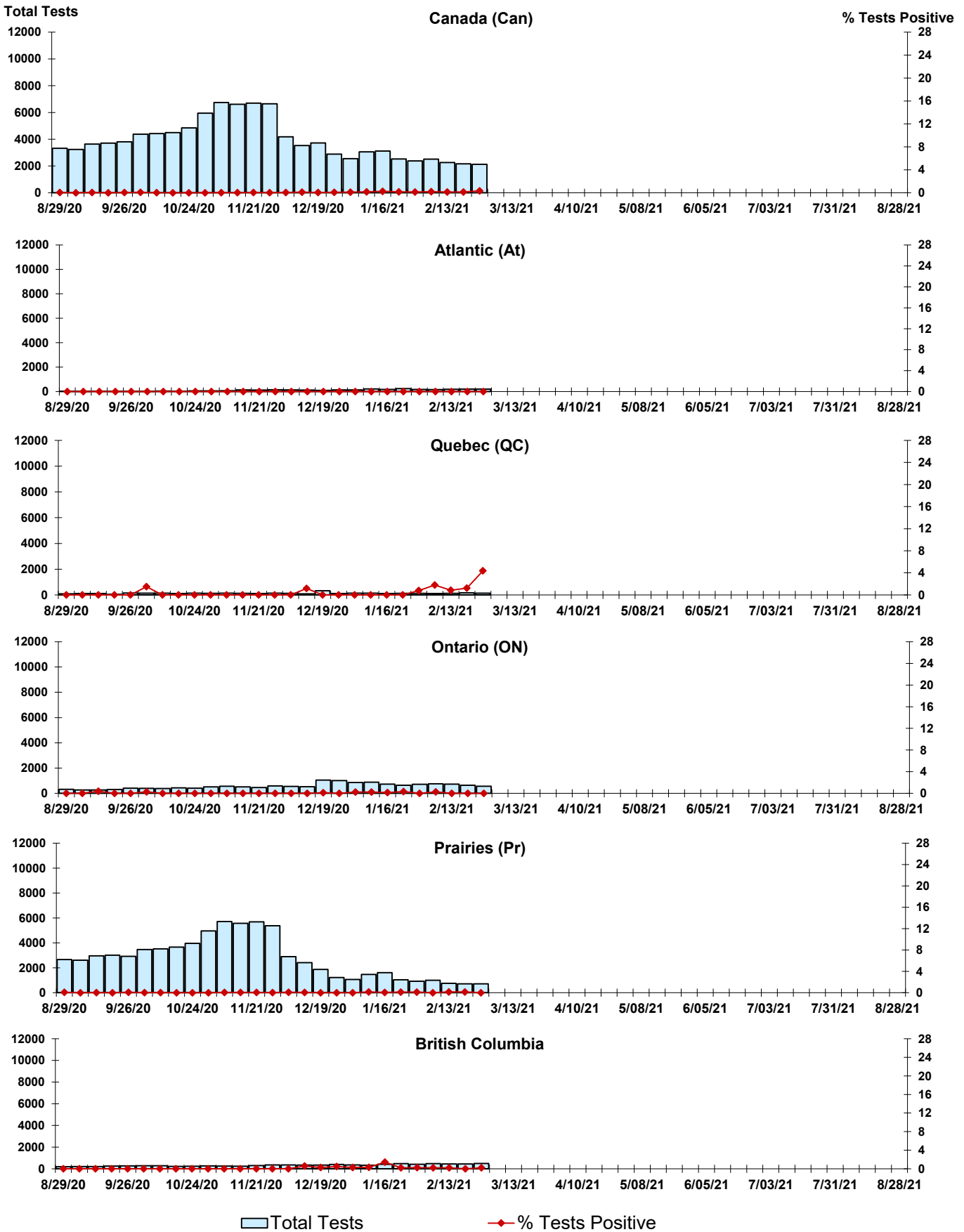


Figure 8: Positive Coronavirus (coron) Tests (%) in Canada by Region by Week of Report



Abbreviations:

A(H1N1)pdm09: Influenza A(H1N1)pdm09

A(H3): Influenza A(H3N2)

A (UnS): Influenza A (Unsubtyped)

Adeno: Adenovirus

CHEO: Children's Hospital of Eastern Ontario

Coron: Coronavirus

Enterovirus: Enterovirus

hMPV: human metapneumovirus

HSC: Health Sciences Centre

N.A.: Not Applicable

P.H.L.: Public Health Laboratory

P.H.O.L.: Public Health Ontario Laboratory

PIV: Parainfluenza

Rhino: Rhinovirus

RSV: Respiratory syncytial virus

UHN: University Health Network

Notes:

The data in the RVDSS report represent surveillance data available at the time of writing. Missing data are denoted by N.A.

Specimens from Yukon (YT), Northwest Territories (NT) and Nunavut (NU) are sent to reference laboratories in other provinces. Results reported for the Territories reflect the number of specimens that are identified as originating from YT, NT or NU.

Delays in the reporting of data may cause data to change retrospectively.

Due to reporting delays, the sum of weekly report totals do not add up to cumulative totals.