Page 001 of 175 to/à Page 006 of 175

Withheld pursuant to/removed as

NR

Cameron, Jessica HLTH:EX

From: Therrien, Darlene HLTH:EX
Sent: March 26, 2021 12:28 PM
To: Bell, Carolyn P HLTH:EX
Cc: Rongve, Ian HLTH:EX; Khaira, Kirn HLTH:EX; Patterson, Catherine M HLTH:EX
Subject: Covid_Cases_Outbreak-Non-Outbreaks 2021-03-26
Attachments: Covid_Cases_Outbreaks_2021-03-26.pdf

See attached

On page 8 notice the trend in increased cases in 20-39 age group.

Darlene
As Dr. Bonnie Henry says:
"Be Kind, Be Calm, Be Safe"

s.17

Covid-19 Cases and Outbreaks

Health Sector Information Analysis and Reporting

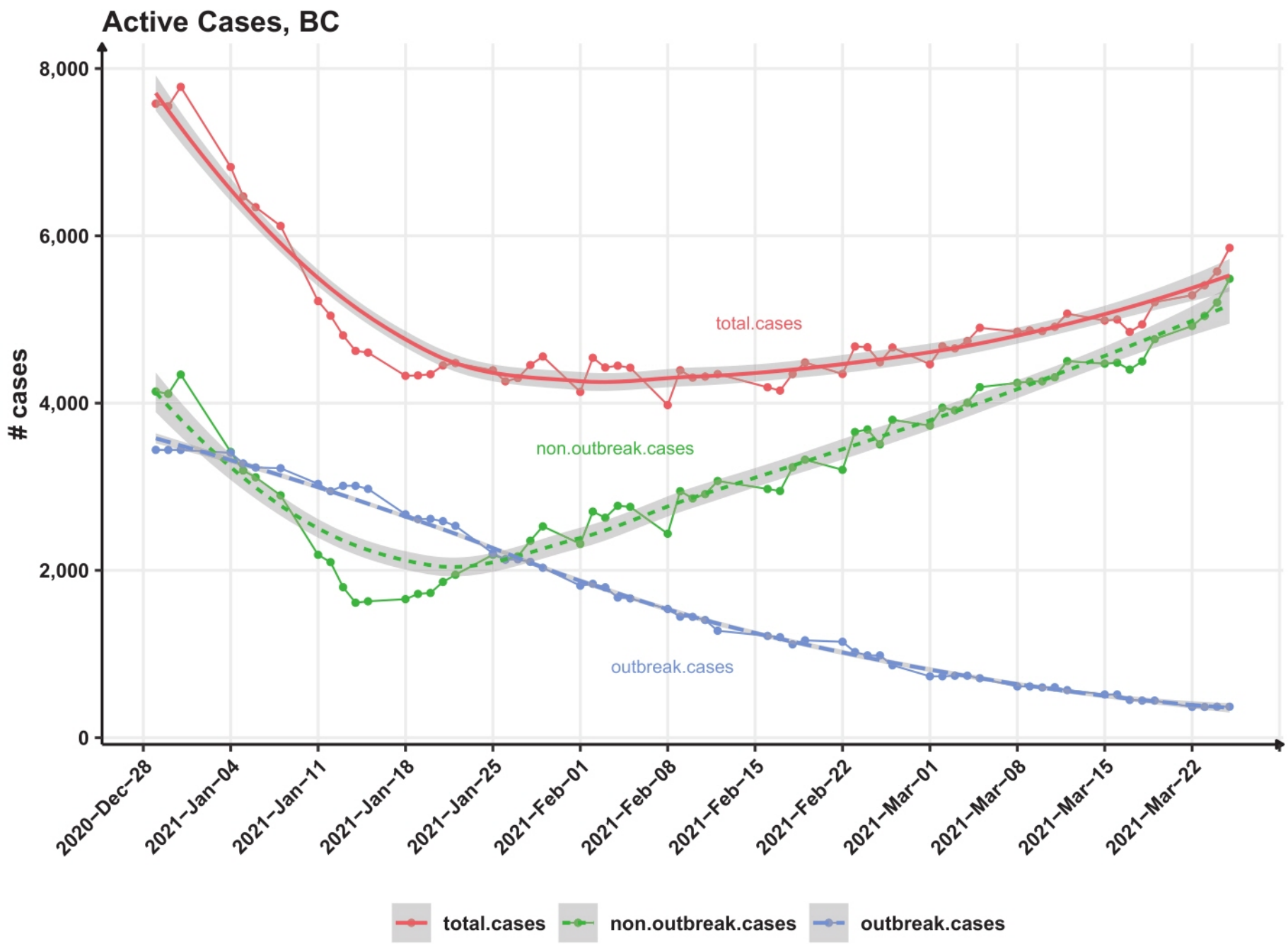
March 26, 2021

Contents

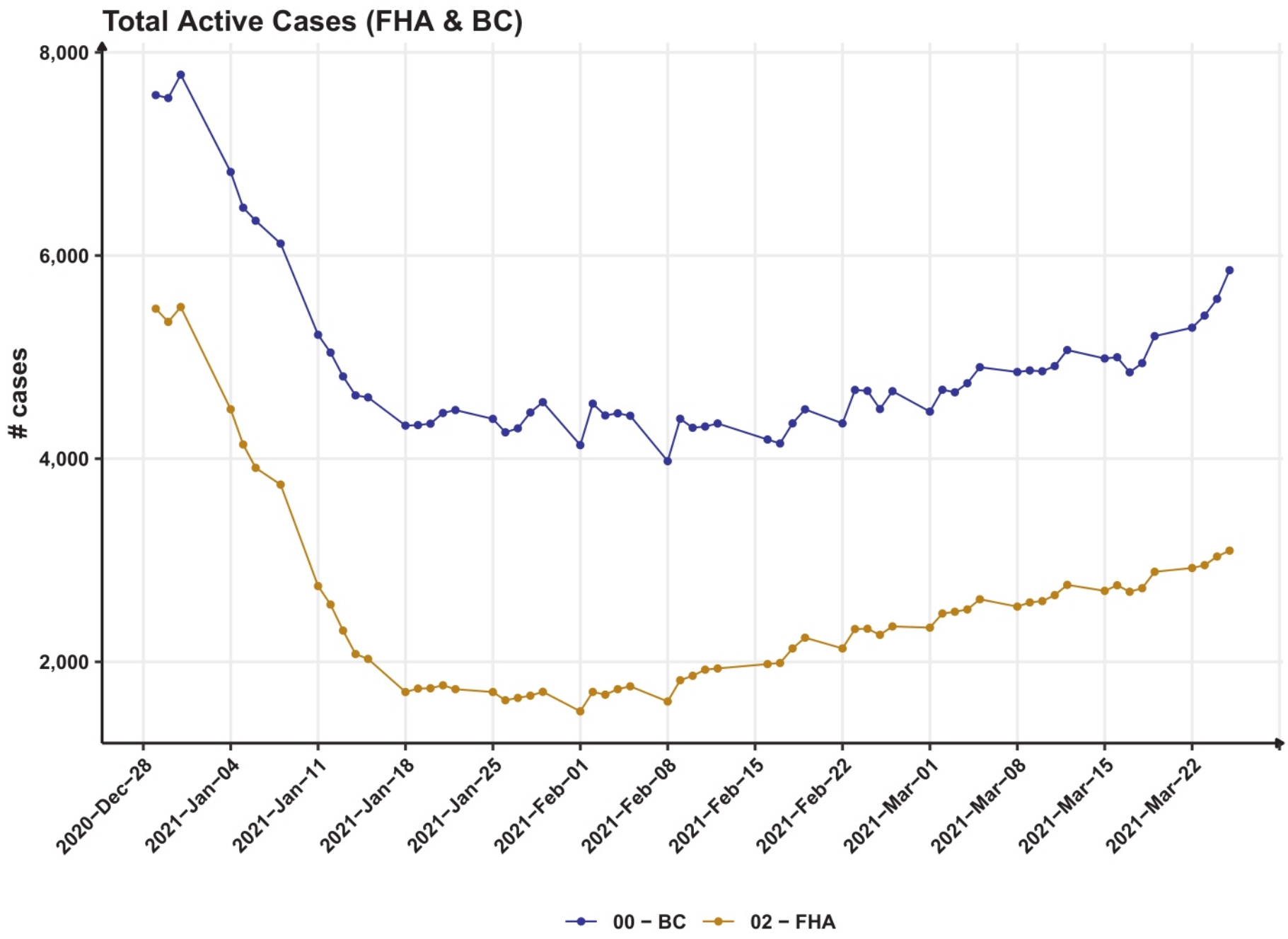
Notes:

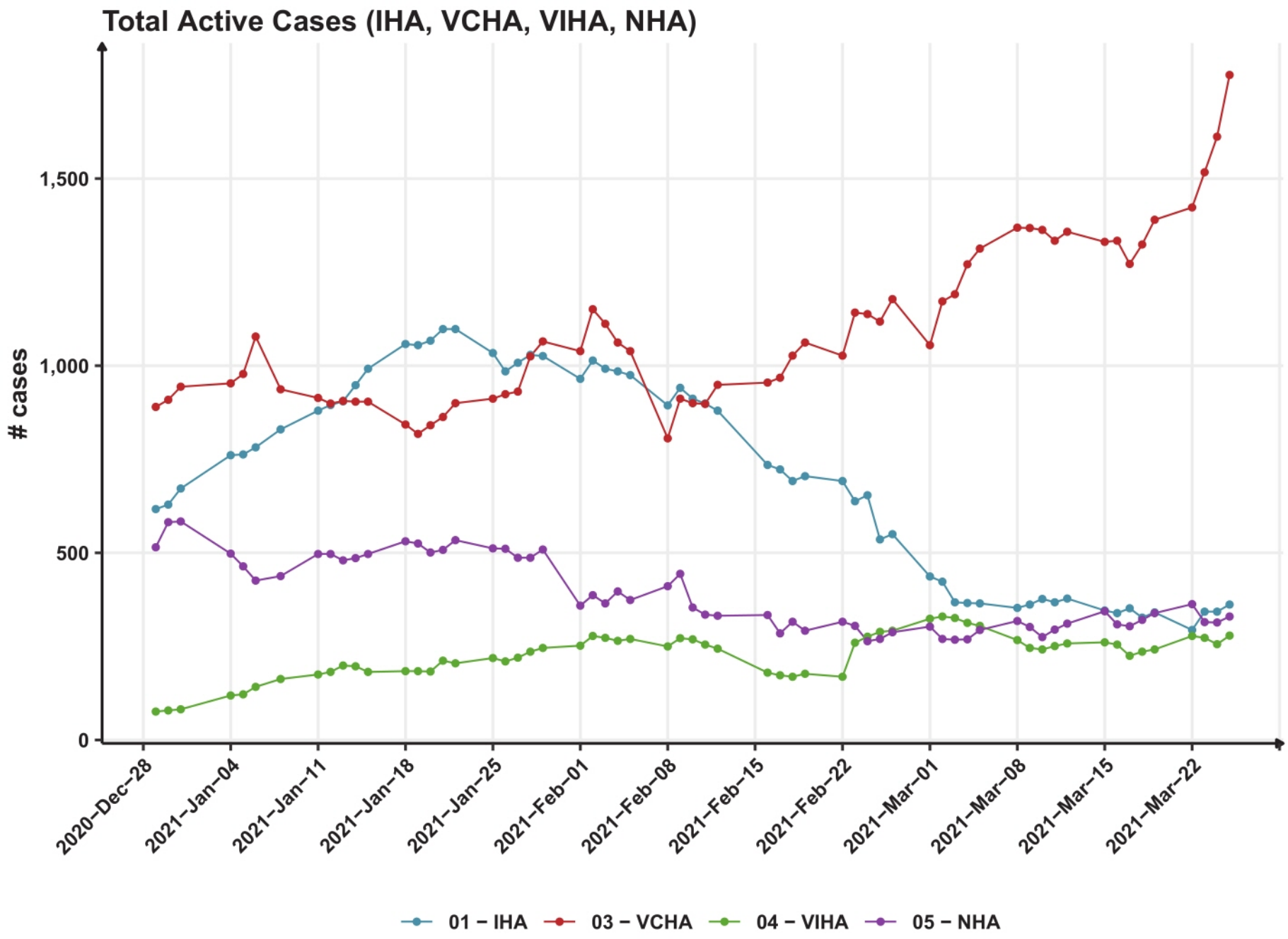
- The date range for all data is 2012-12-01 to present.
- This report was run on 2021-03-26 12:21:03.
- Outbreak case data are given as a single case count number per outbreak, which is not realistic. (For example, an example of an outbreak might be "10 cases between December 5 and 10.") Nevertheless, "non-outbreak cases" per day are calculated as the difference between the number of active cases and the given number of cases per outbreak.
- For the Epi Curve, the total number of cases in BC equal to or larger than the sum of the cases by Health Authority because some cases are not assigned geography.
- Outbreak cases include only those cases reportable to the Ministry (those occurring in acute care, long-term care, assisted living, independent living etc. facilities). Changes in the definitions of clusters and outbreaks over time and across health authorities may impact results.
- Facilities classified as "other" include: Workplace not otherwise specified, Workplace with communal living, Correctional facility, Other residential facility type, School or daycare, Group home (community living), Shelter, Other, Religious institution, Conference.
- Active Cases by Five-Year Age Groups (page 9) is based on the most recently available data on HealthIdeas from the BCCDC.

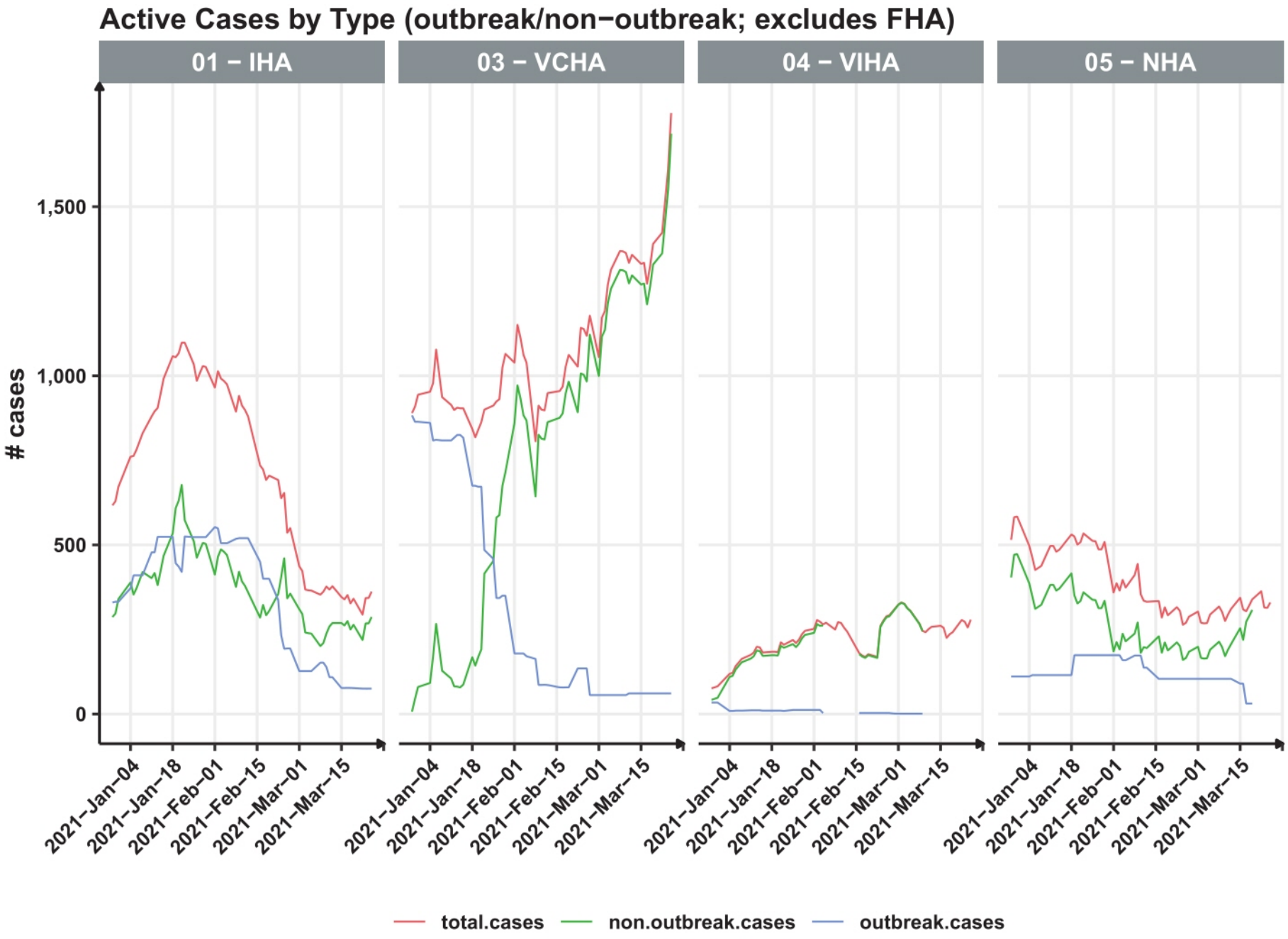
1 Active Cases

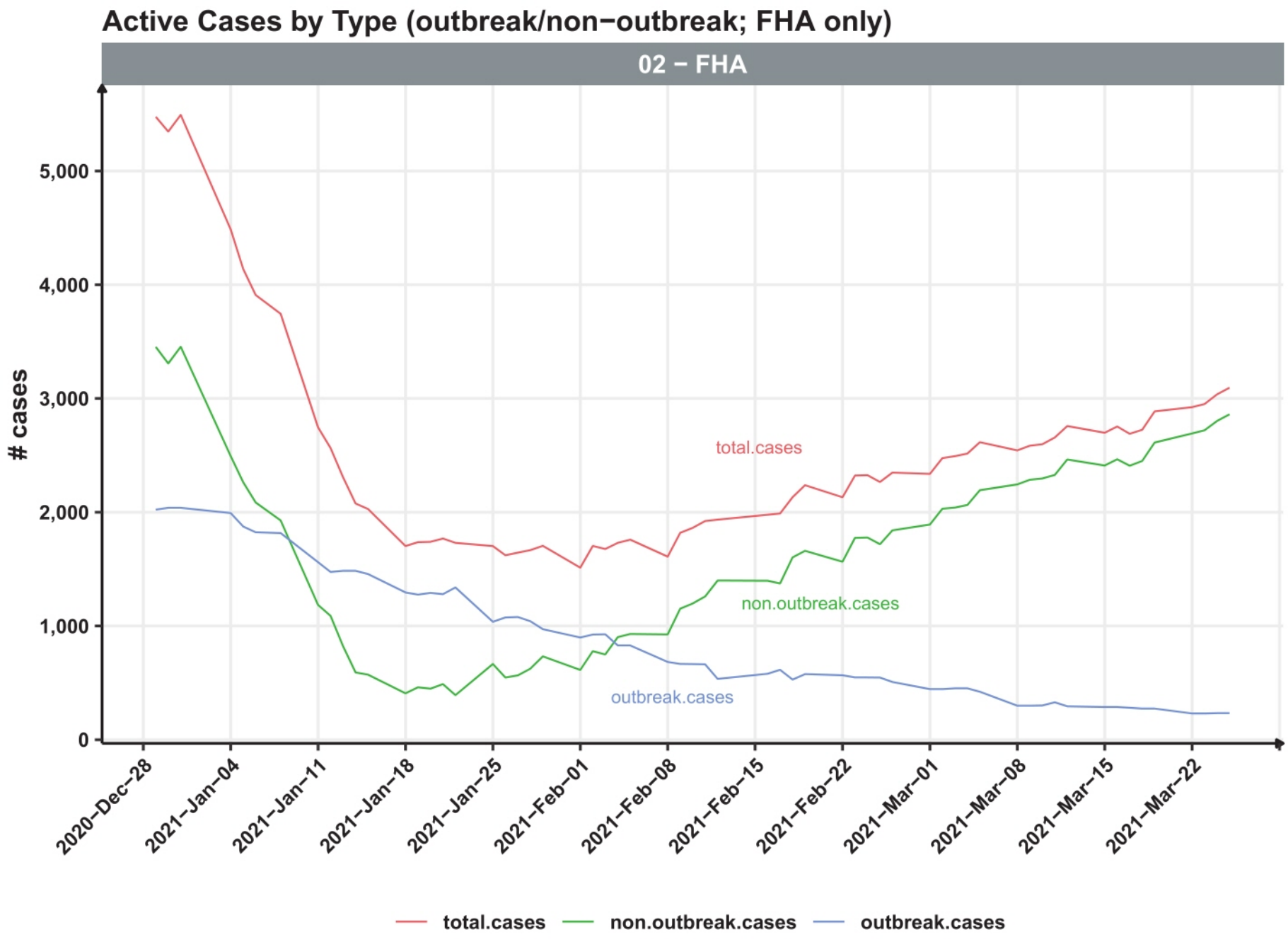


2 Trend Summary

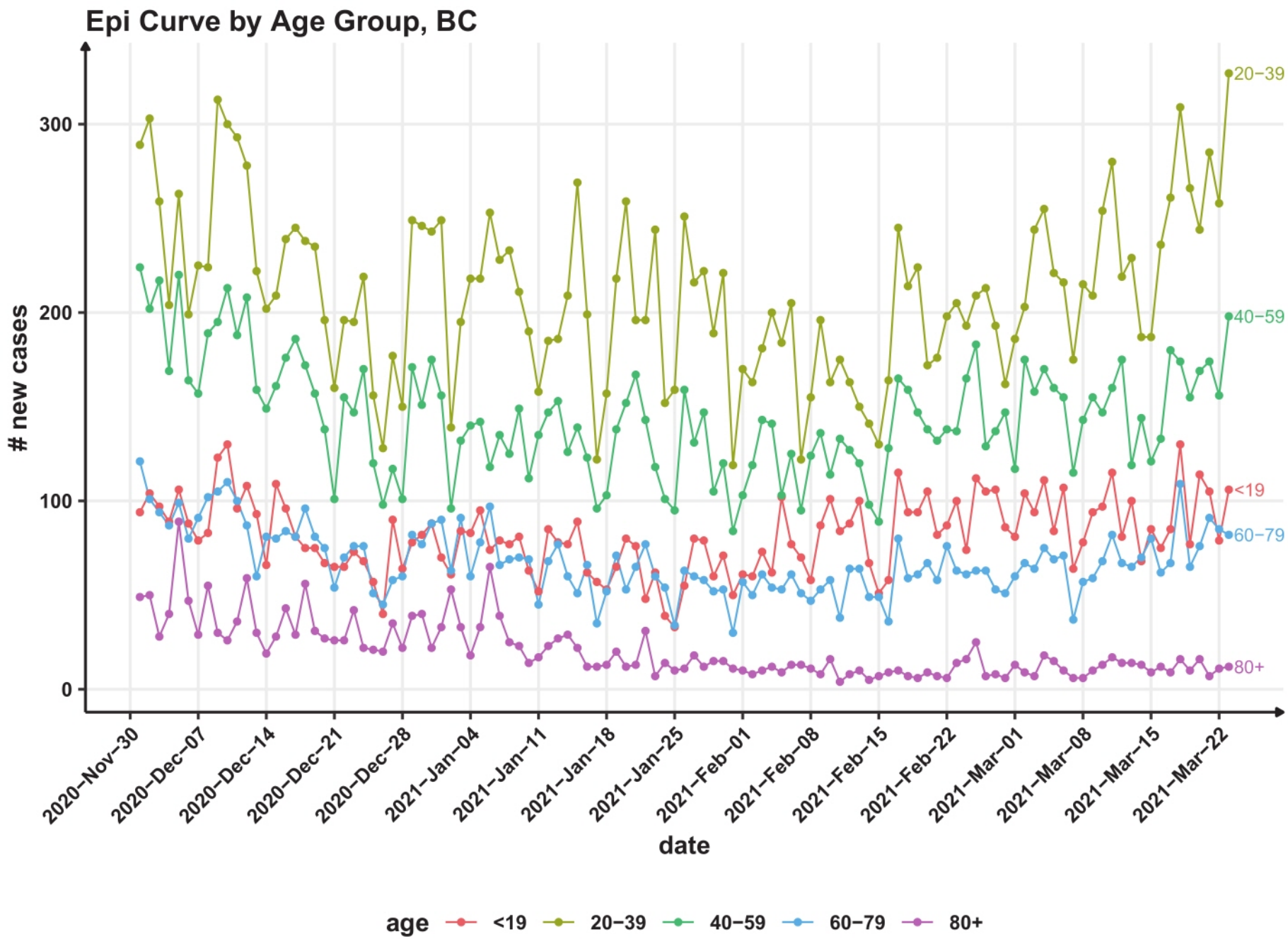


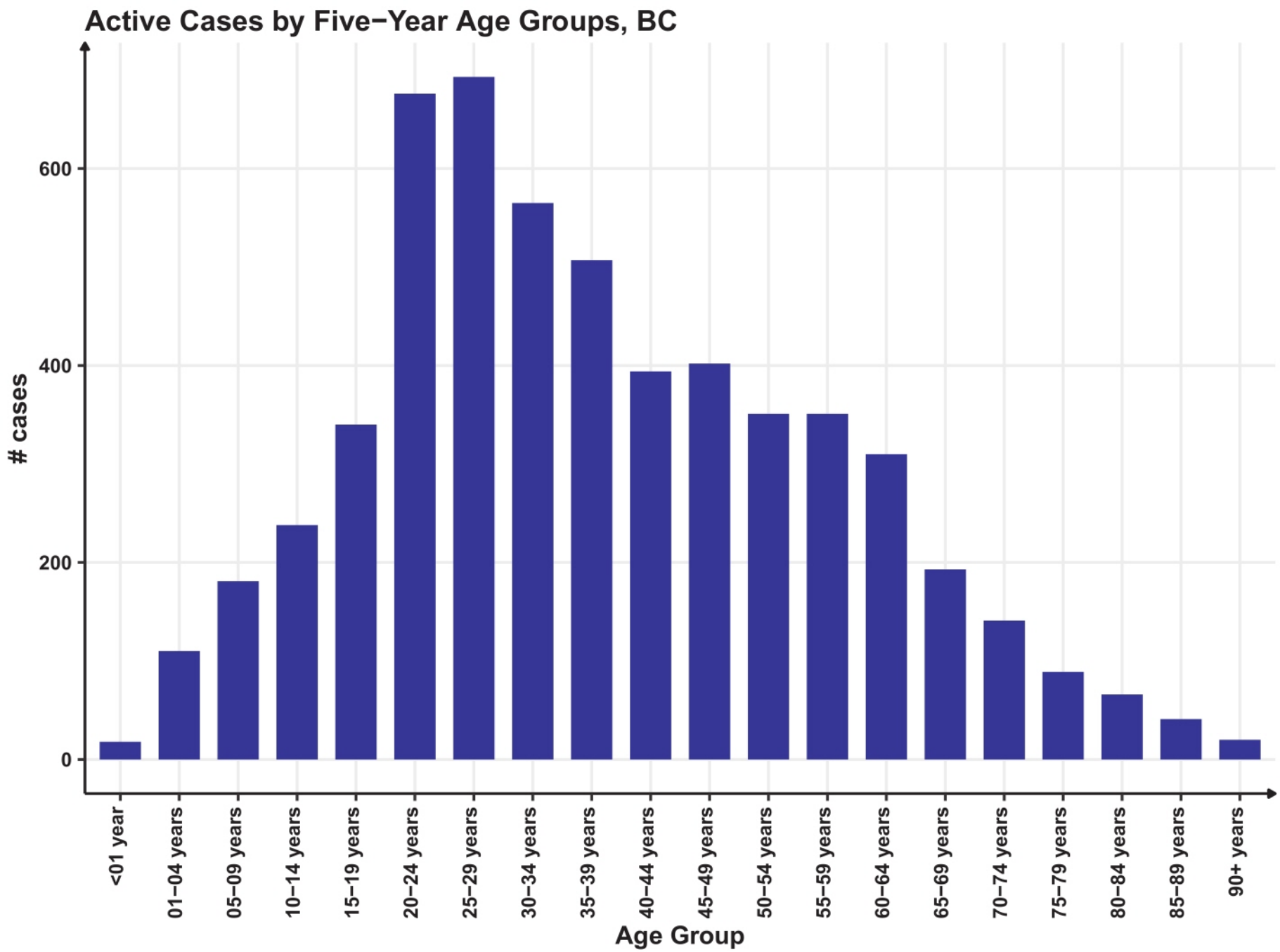

Total Active Cases (IHA, VCHA, VIHA, NHA)
cases
1,500
1,000
500
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
04 − VIHA
05 − NHA

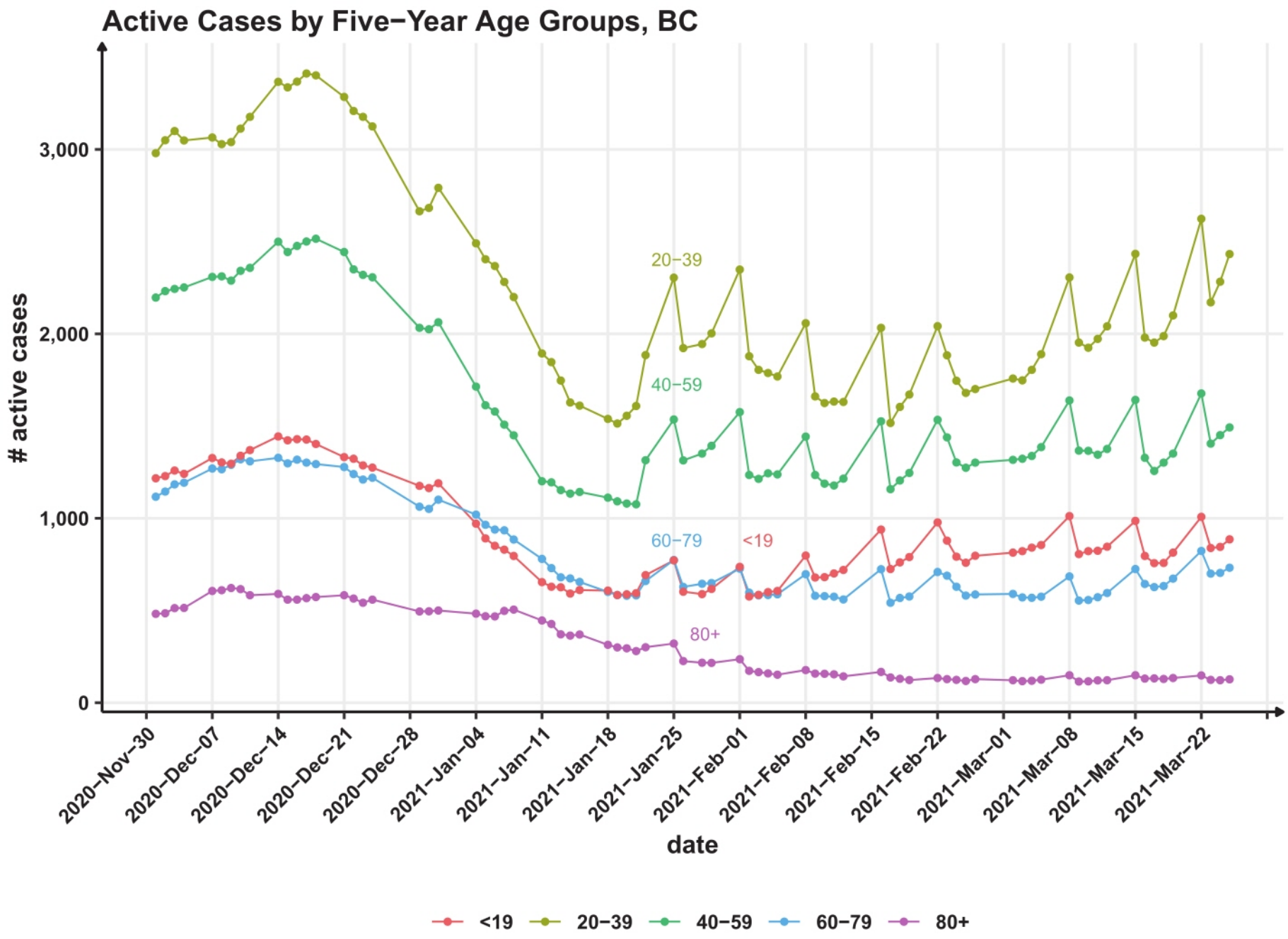

Active Cases by Type (outbreak/non−outbreak; excludes FHA)
01 − IHA
03 − VCHA
04 − VIHA
05 − NHA
cases
1,500
1,000
500
0
2021−Jan−04
2021−Jan−18
2021−Feb−01
2021−Feb−15
2021−Mar−01
2021−Mar−15
total.cases
non.outbreak.cases
outbreak.cases

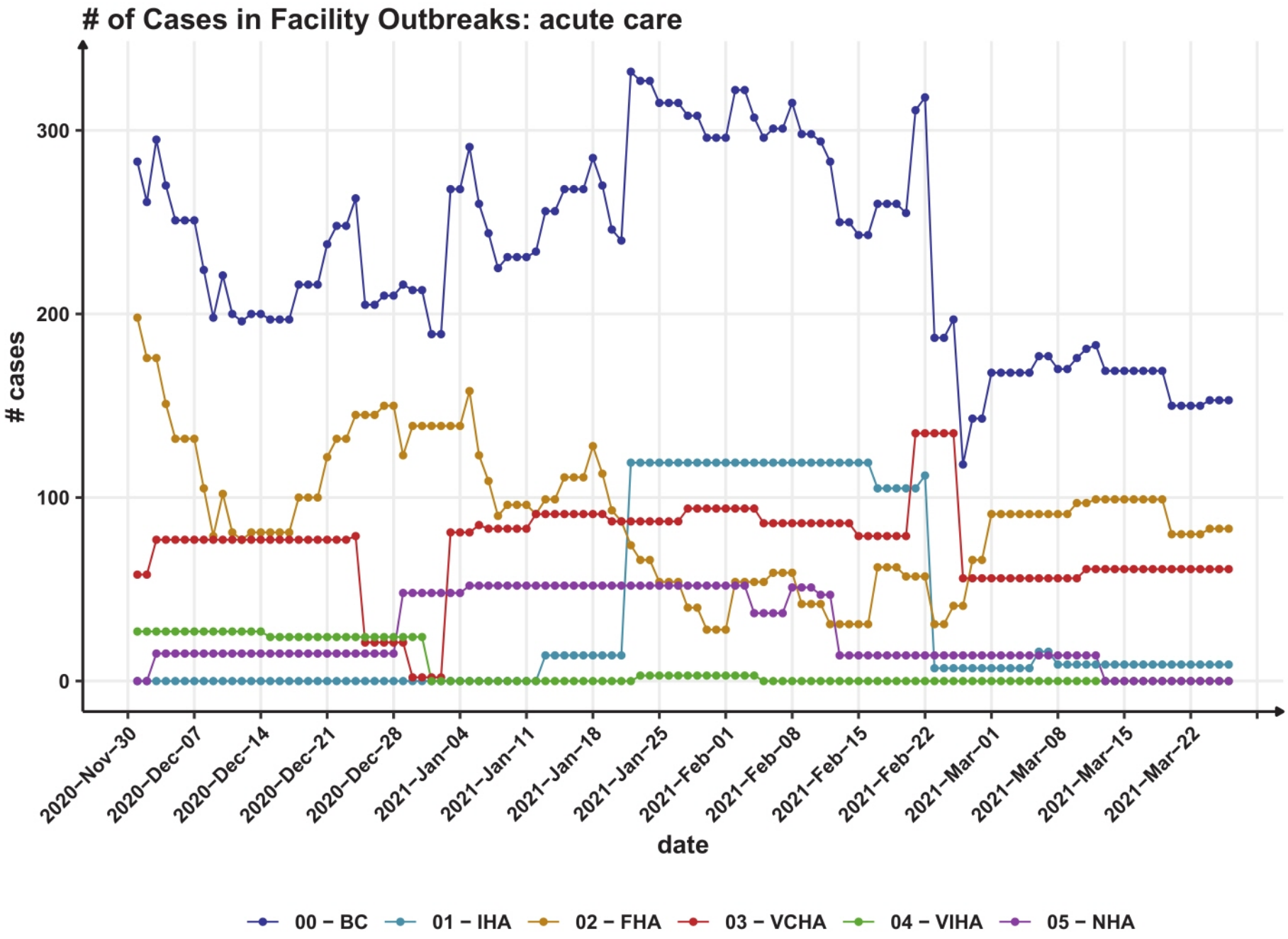

Active Cases by Type (outbreak/non−outbreak; FHA only)
02 − FHA
cases
5,000
4,000
3,000
2,000
1,000
0
total.cases
non.outbreak.cases
outbreak.cases
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
total.cases
non.outbreak.cases
outbreak.cases

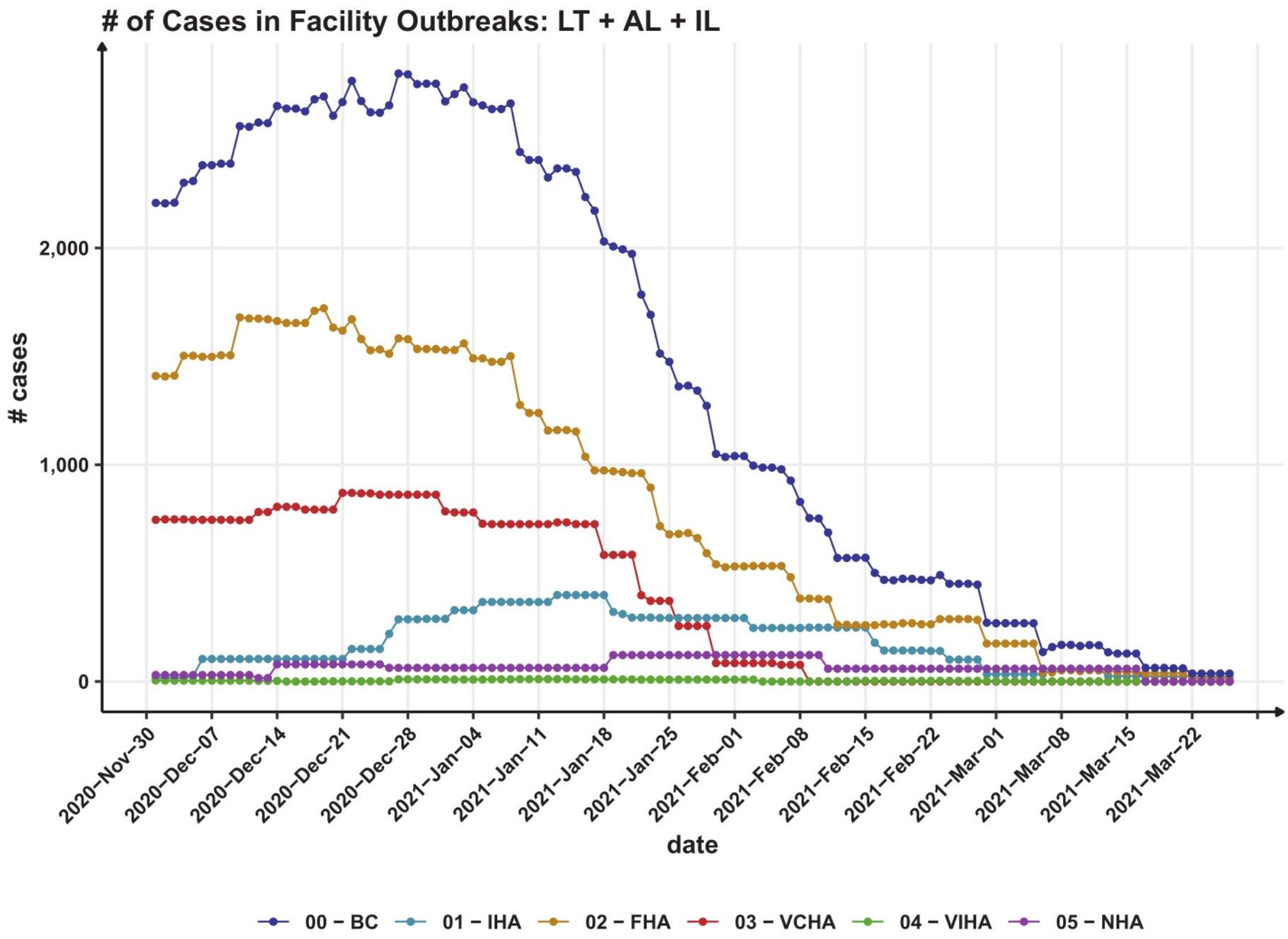
3 New Cases by Age Group

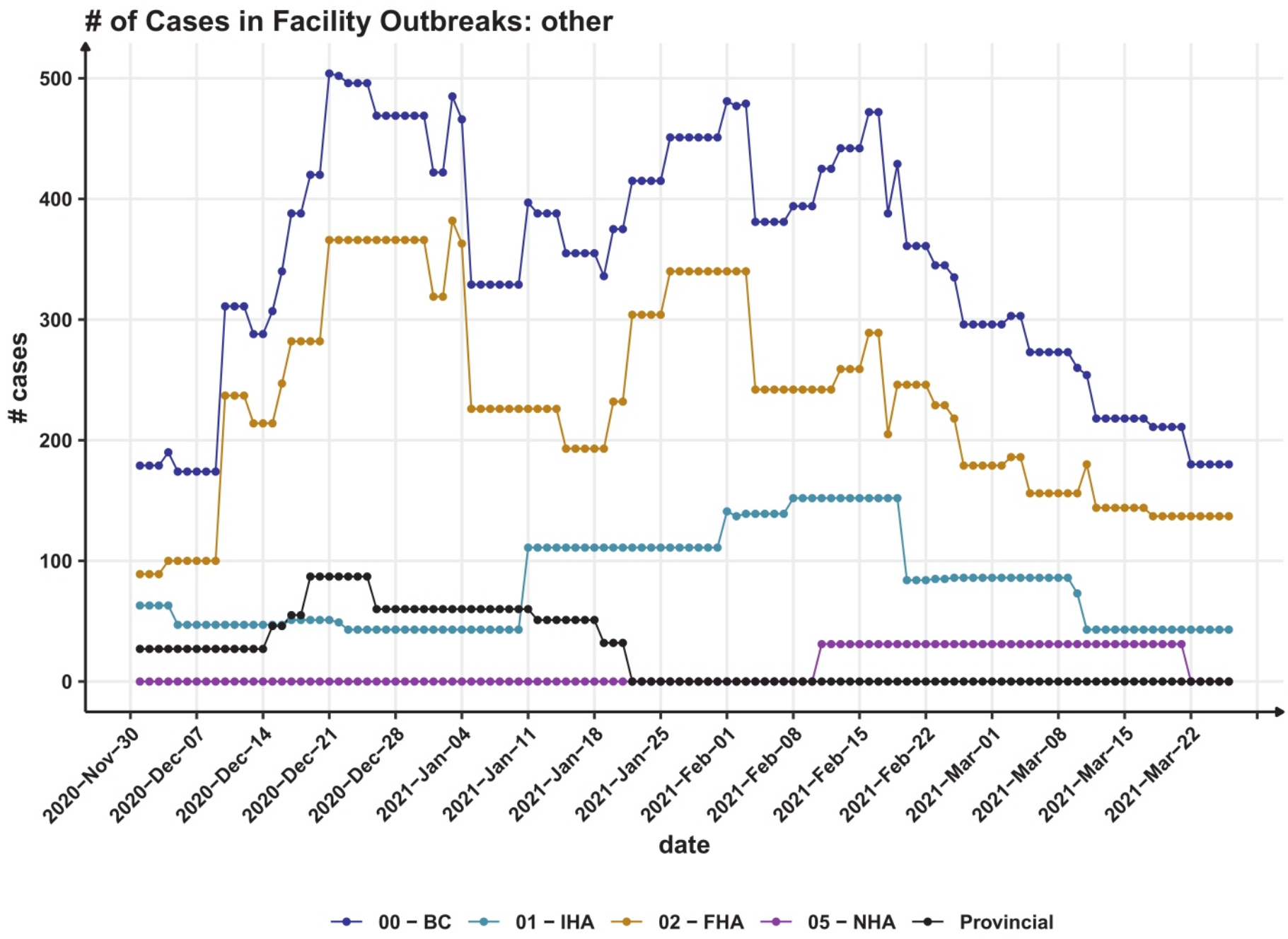



Active Cases by Five−Year Age Groups, BC
cases
600
400
200
0
<01 year
01−04 years
05−09 years
10−14 years
15−19 years
20−24 years
25−29 years
30−34 years
35−39 years
40−44 years
45−49 years
50−54 years
55−59 years
60−64 years
65−69 years
70−74 years
75−79 years
80−84 years
85−89 years
90+ years
Age Group


Active Cases by Five−Year Age Groups, BC
active cases
3,000
2,000
1,000
0
20−39
40−59
60−79
<19
80+
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
date
<19
20−39
40−59
60−79
80+


# of Cases in Facility Outbreaks: acute care
cases
300
200
100
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
date
00 − BC
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA


# of Cases in Facility Outbreaks: LT + AL + IL
cases
2,000
1,000
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
date
00 − BC
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA


# of Cases in Facility Outbreaks: other
cases
500
400
300
200
100
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
date
00 − BC
01 − IHA
02 − FHA
05 − NHA
Provincial

Cameron, Jessica HLTH:EX

From: Therrien, Darlene HLTH:EX
Sent: March 26, 2021 3:18 PM
To: Bell, Carolyn P HLTH:EX; Rongve, Ian HLTH:EX
Cc: Patterson, Catherine M HLTH:EX; Khaira, Kirn HLTH:EX
Subject: Weekly COVID-19 Summary 20210326 PowerPoint
Attachments: COVID-19 Summary 20210326.pptx

Clearly shows the 20-39 driving cases...

Darlene
As Dr. Bonnie Henry says:
"Be Kind, Be Calm, Be Safe"

s.17

COVID-19 Cases and Outbreaks

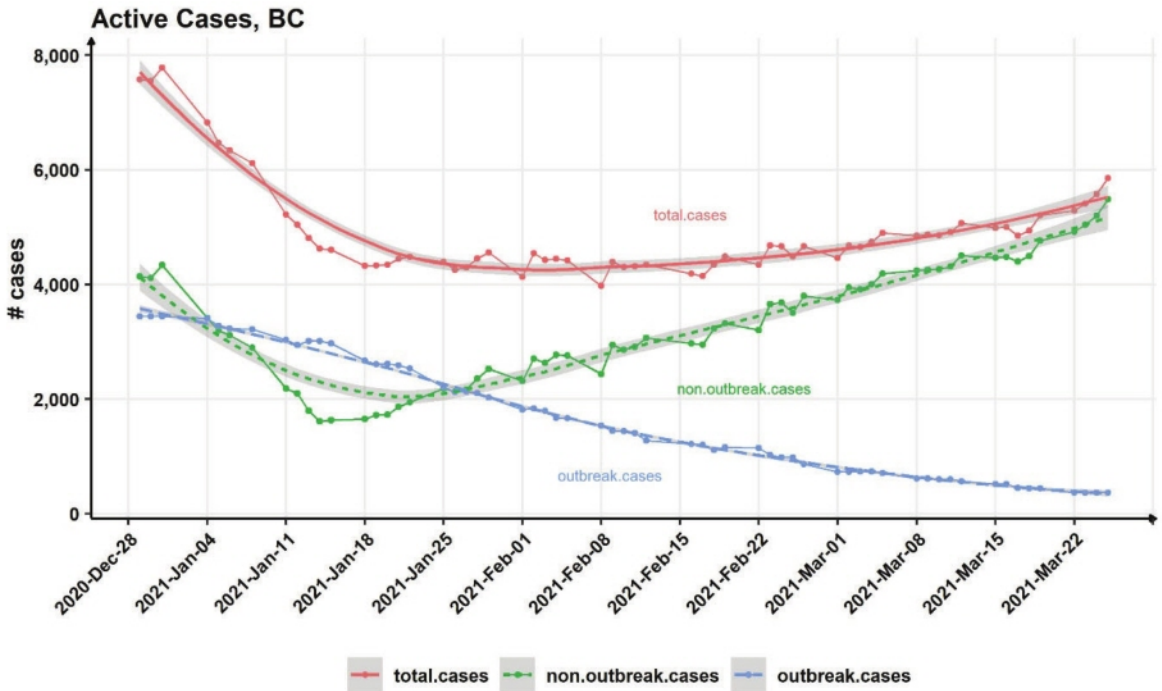
December 1, 2020 to March 26, 2021

BRITISH COLUMBIA | Ministry of Health

Active Cases

BRITISH COLUMBIA | Ministry of Health

- Nearly all active cases are non-outbreak cases
- The last few days indicate acceleration in the number of new cases



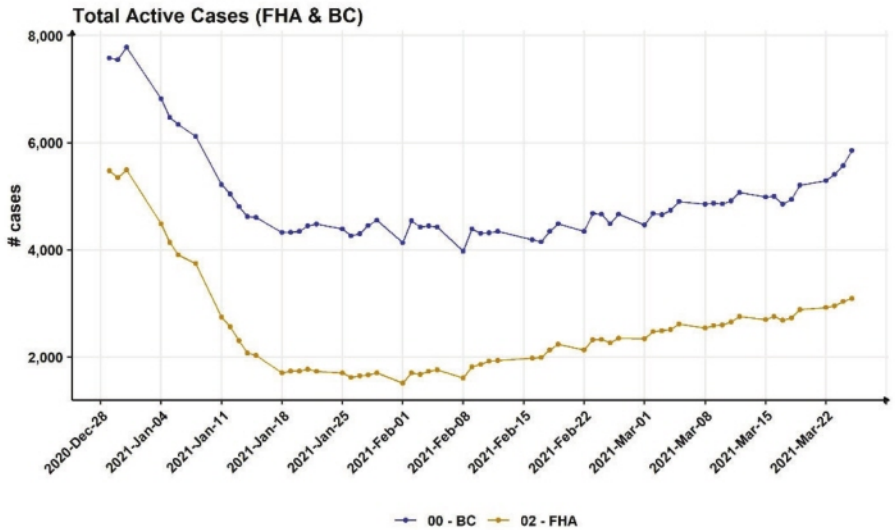
HSIAR
Analytics to Action

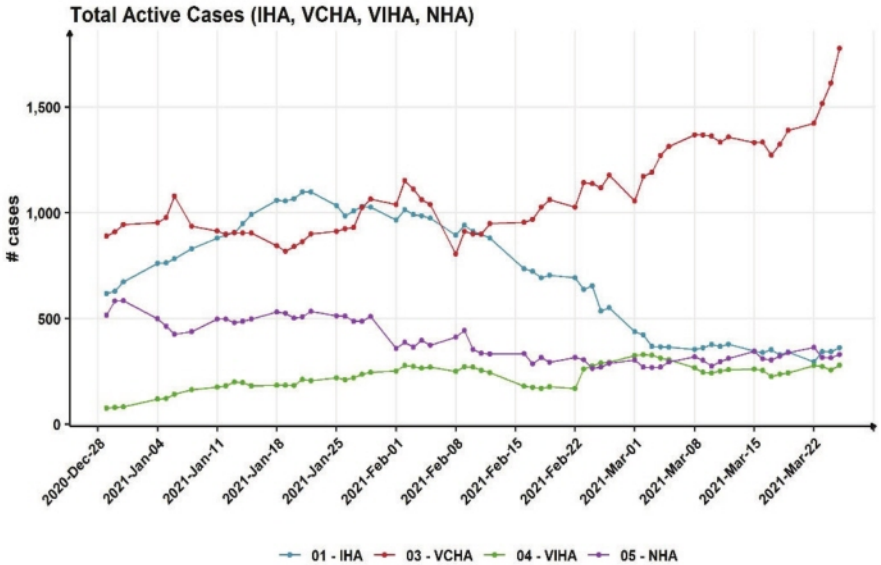
Note: "Outbreak cases" captures facility outbreaks reported to the Ministry of Health and BCCDC. Community outbreaks are not counted in these figures.

Trend Summary: Active Cases

BRITISH COLUMBIA | Ministry of Health

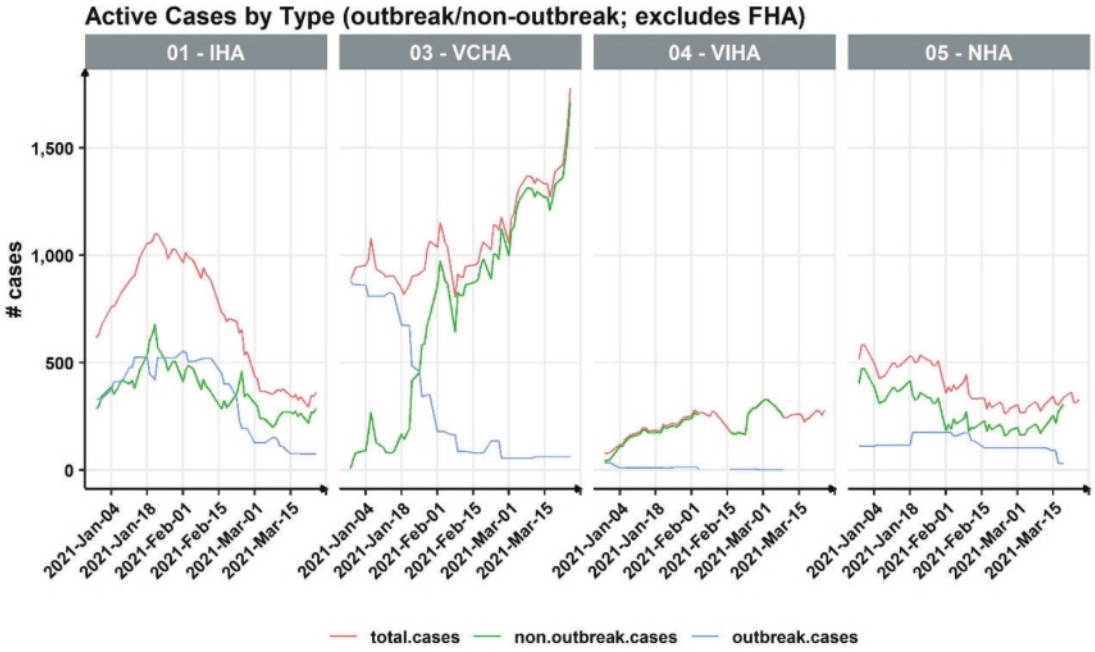
- Active cases are sharply up in VCH over the last week, driving a similar increase province-wide





HSIAR
Analytics to Action

Trend Summary: Active Cases



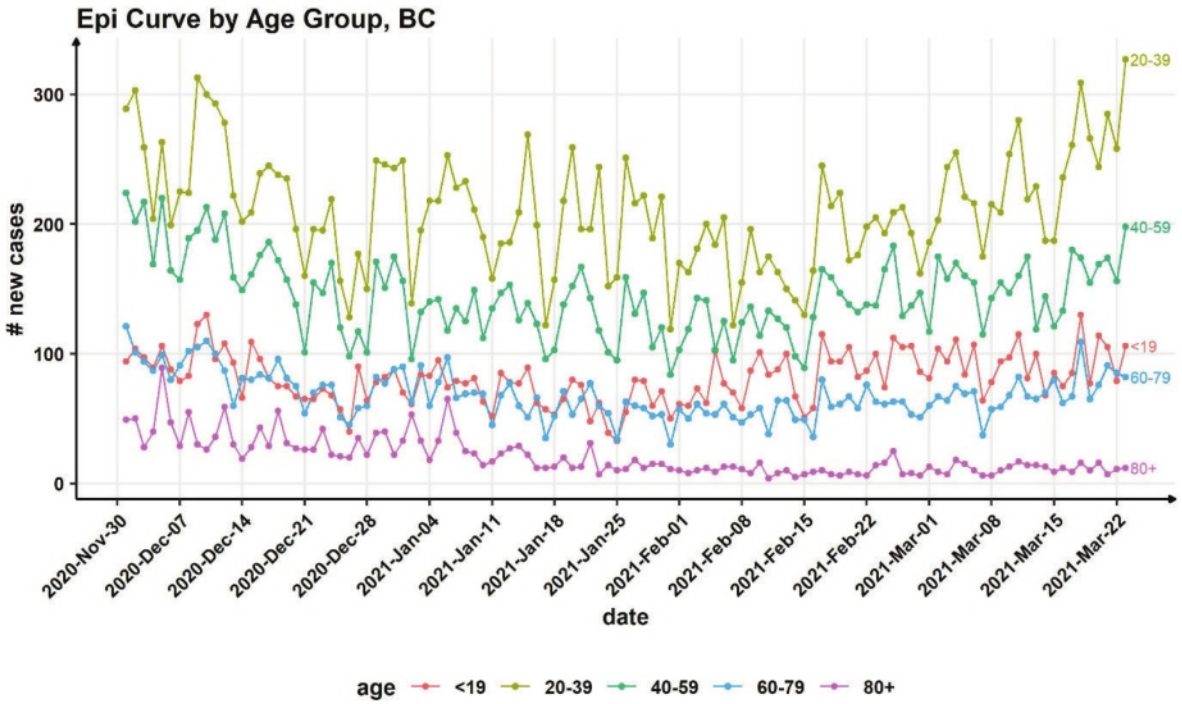
- Spike in active cases in VCH entirely driven by non-outbreak cases
- IH and NH exhibit small increases over the last week

HSIAR
Analytics to Action

New Cases by Age Group

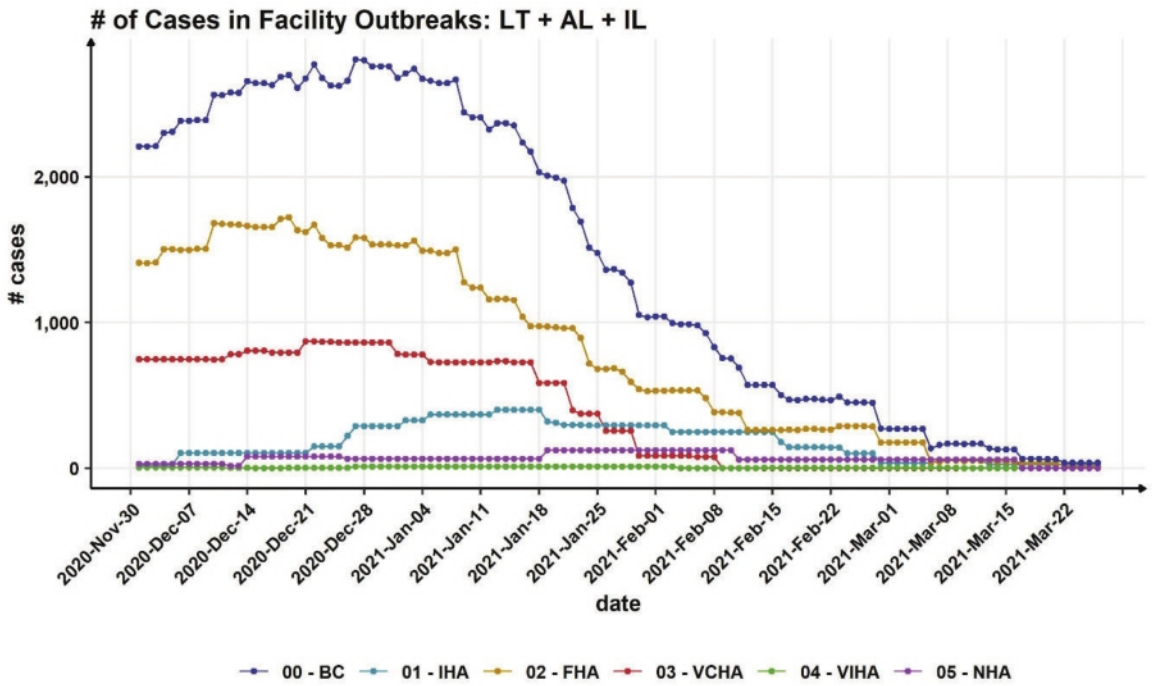
BRITISH COLUMBIA | Ministry of Health

- Across all HAs, new cases continue to be highest among ages 20-39 and 40-59



HSIAR Analytics to Action

Outbreaks: Long-Term Care, Assisted and Independent Living Facilities



- Cases in Long-Term Care, Assisted Living and Independent Living facilities are declining across all HAs, with exception of VIHA, which is stable

HSIAR
Analytics to Action

Top 20 LHAs by new cases March 18 - 24

BRITISH COLUMBIA | Ministry of Health

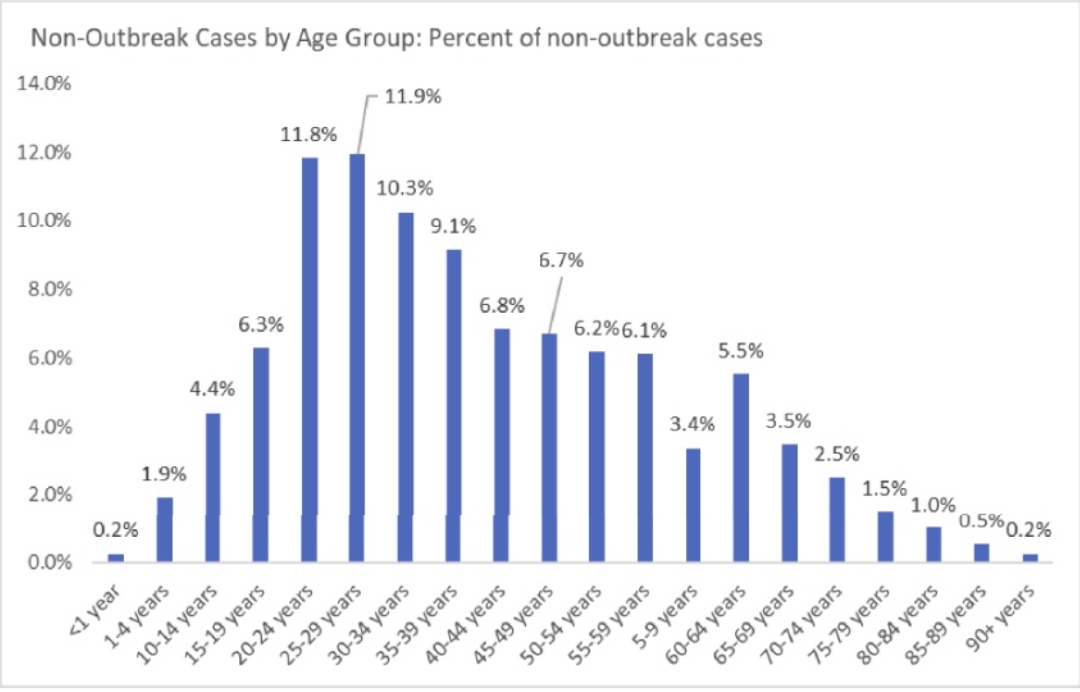
- Howe Sound and Peace River South replace New Westminster and Chilliwack in the top 20; other LHAs unchanged
- These cases represent 82.9% of all non-outbreak cases over the week
- Surrey accounts for 22% of all cases reported this week
- Vancouver Coastal LHAs account for a further 26.5% of cases reported this week

Positive COVID-19 cases, by LHA, non-outbreak cases, March 18 to March 24

HA	HSDA	LHA	Unique Patients
2 - Fraser	23 - Fraser South	233 - Surrey	1014
2 - Fraser	22 - Fraser North	224 - Tri-Cities	242
2 - Fraser	22 - Fraser North	222 - Burnaby	212
3 - Vancouver Coastal	32 - Vancouver	326 - Vancouver - South	182
2 - Fraser	23 - Fraser South	231 - Langley	182
2 - Fraser	23 - Fraser South	232 - Delta	166
2 - Fraser	23 - Fraser South	234 - South Surrey/White Rock	165
2 - Fraser	21 - Fraser East	213 - Abbotsford	162
3 - Vancouver Coastal	32 - Vancouver	324 - Vancouver - Westside	156
3 - Vancouver Coastal	33 - North Shore/Coast Gari	331 - North Vancouver	148
3 - Vancouver Coastal	32 - Vancouver	321 - Vancouver - City Centre	146
3 - Vancouver Coastal	33 - North Shore/Coast Gari	335 - Howe Sound	139
2 - Fraser	22 - Fraser North	223 - Maple Ridge/Pitt Meadows	122
3 - Vancouver Coastal	31 - Richmond	311 - Richmond	122
1 - Interior	13 - Okanagan	137 - Central Okanagan	107
3 - Vancouver Coastal	32 - Vancouver	323 - Vancouver - Northeast	106
5 - Northern	51 - Northwest	512 - Prince Rupert	104
3 - Vancouver Coastal	32 - Vancouver	325 - Vancouver - Midtown	90
5 - Northern	53 - Northeast	531 - Peace River South	88
3 - Vancouver Coastal	32 - Vancouver	322 - Vancouver - Centre North	75

HSIAR
Analytics to Action

Non-Outbreak Cases by Age



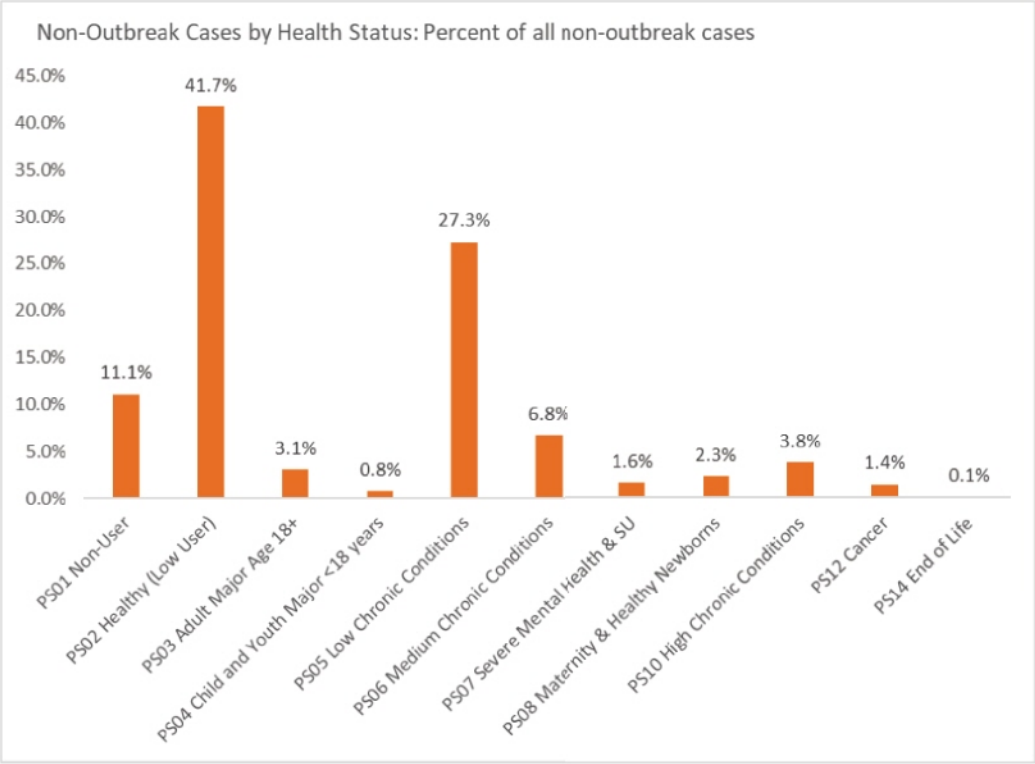
- More than 43% of new non-outbreak cases this week are among 20 to 39 year-olds

HSIAR
Analytics to Action

Non-outbreak cases by health status

BRITISH COLUMBIA | Ministry of Health

- More than half (52.8%) of new cases were healthy or non-users in 2018/2019



HSIAR Analytics to Action

Cameron, Jessica HLTH:EX

From: Therrien, Darlene HLTH:EX
Sent: March 26, 2021 3:29 PM
To: Bell, Carolyn P HLTH:EX
Cc: Rongve, Ian HLTH:EX; Patterson, Catherine M HLTH:EX; Khaira, Kirn HLTH:EX
Subject: FW: Weekly COVID Report
Attachments: Covid_Weekly_Report_2021-03-26.pdf; Covid_Weekly_Report_2021-03-26.xlsx

Carolyn
See page 32 for lab positivity rate trend…

Darlene
Mobile 250-217-2818

"Be Kind, Be Calm, Be Safe"

From: Hister, Tim J HLTH:EX
Sent: March 26, 2021 12:37 PM
To: Therrien, Darlene HLTH:EX ; Parmar, Kalbir S HLTH:EX ; HLTH COVIDAnalytics HLTH:EX ; Hister, Tim J HLTH:EX ; Larson, Eric HLTH:EX ; Khaira, Kirn HLTH:EX
Subject: Weekly Covid Report

Please find attached the latest Weekly Covid Report.

Thanks.

Tim

Note: This email has been sent through R.

Weekly COVID-19 Report

COVID Response and Health Emergency Management Division

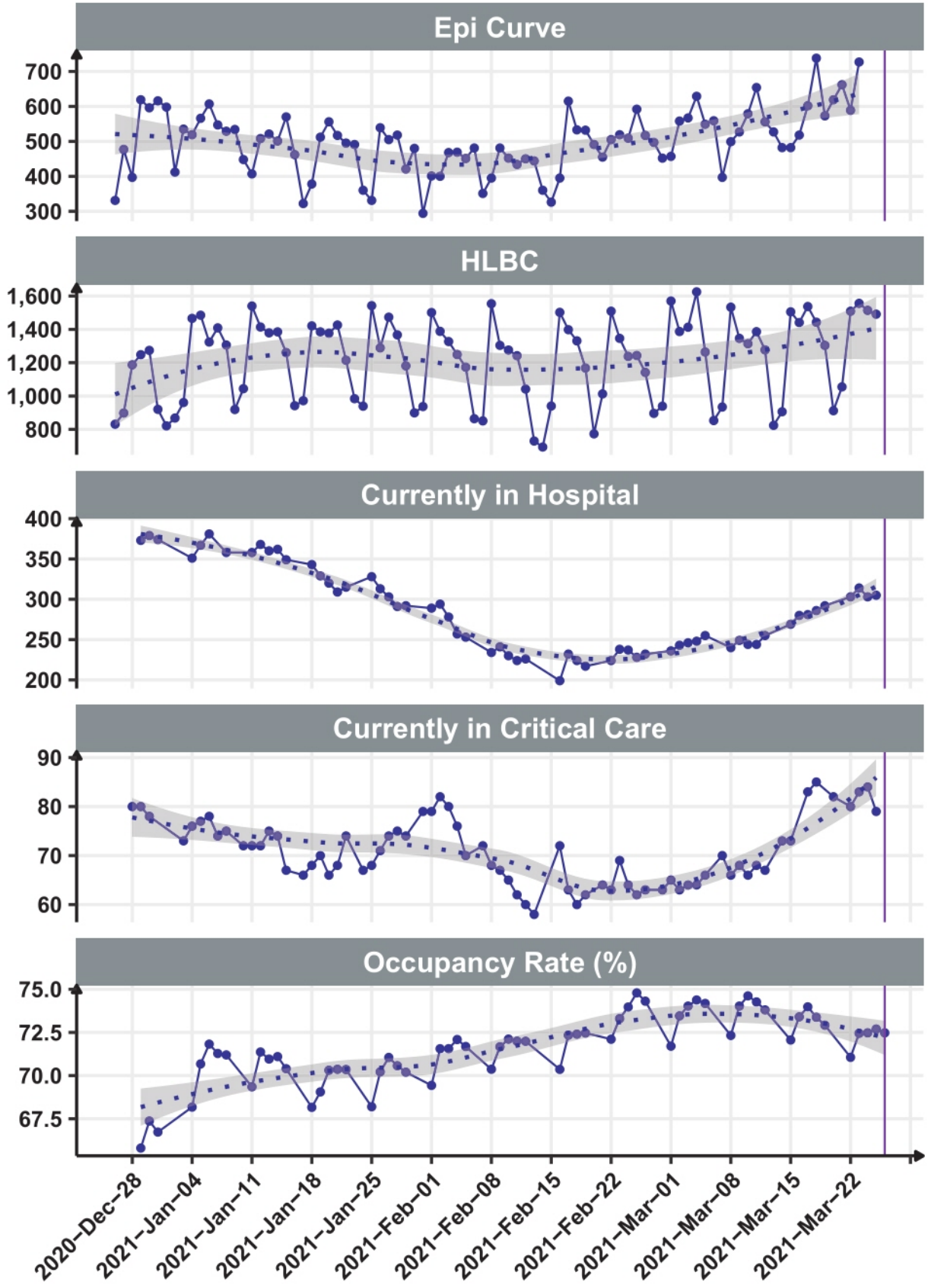
March 26, 2021

Contents

1 Introduction

- This report has been compiled by a complicated script (in the R language) that is entirely automated (including all data extracting).
- Most time series graphs show data between December 26, 2020 (i.e. three months back from the date of compilation) and what is most recently available.
- Most time series data tables show data between March 05, 2021 (i.e. three weeks back from the date of compilation) and what is most recently available.
- Many time series graphs include include the Locally Estimated Scatterplot Smoothing Regression (LOESS) curve (dotted) and the 95% confidence interval for each prediction (in grey).
- Virtually all the data comes from emails received by the HLTH COVIDAnalytics inbox.
- As of late January 2021, it is unclear whether data on vaccines will continue to be provided by the PHSA.
- The Rate of Transmission is based on the most recent data provided by BCCDC; however, the data may contain significant lags.
- The report was compiled at 2021-03-26 12:21:57.

2 Overview of BC Covid-19 Indicators



BC Covid-19 Indicators

date	Epi Curve	HLBC	Hospital	Crit. Care	Occupancy (%)
2021-Mar-26					72.5
2021-Mar-25		1,491	305	79	72.7
2021-Mar-24		1,514	303	84	72.5
2021-Mar-23	727	1,556	314	83	72.5
2021-Mar-22	589	1,509	303	80	71.1
2021-Mar-21	662	1,055			
2021-Mar-20	619	912		82	
2021-Mar-19	573	1,304	292		72.9
2021-Mar-18	738	1,443	286	85	73.4
2021-Mar-17	602	1,537	281	83	74.0
2021-Mar-16	518	1,441	280		73.4
2021-Mar-15	482	1,505	269	73	72.1
2021-Mar-14	482	906		73	
2021-Mar-13	527	824			
2021-Mar-12	556	1,277	255	67	73.8
2021-Mar-11	654	1,386	244	68	74.3
2021-Mar-10	579	1,314	244	66	74.6
2021-Mar-09	527	1,346	249	68	74.0
2021-Mar-08	499	1,533	240	66	72.3
2021-Mar-07	397	934		70	
2021-Mar-06	559	853			
2021-Mar-05	549	1,264	255	66	74.2
2021-Mar-04	629	1,625	248	64	74.4
2021-Mar-03	567	1,413	246	64	74.0
2021-Mar-02	558	1,387	243	63	73.5
2021-Mar-01	457	1,570	236	65	71.7
2021-Feb-28	452	939		63	
2021-Feb-27	497	896			
2021-Feb-26	517	1,142	232	63	74.3
2021-Feb-25	592	1,243	228	62	74.8
2021-Feb-24	509	1,238	237	64	74.0

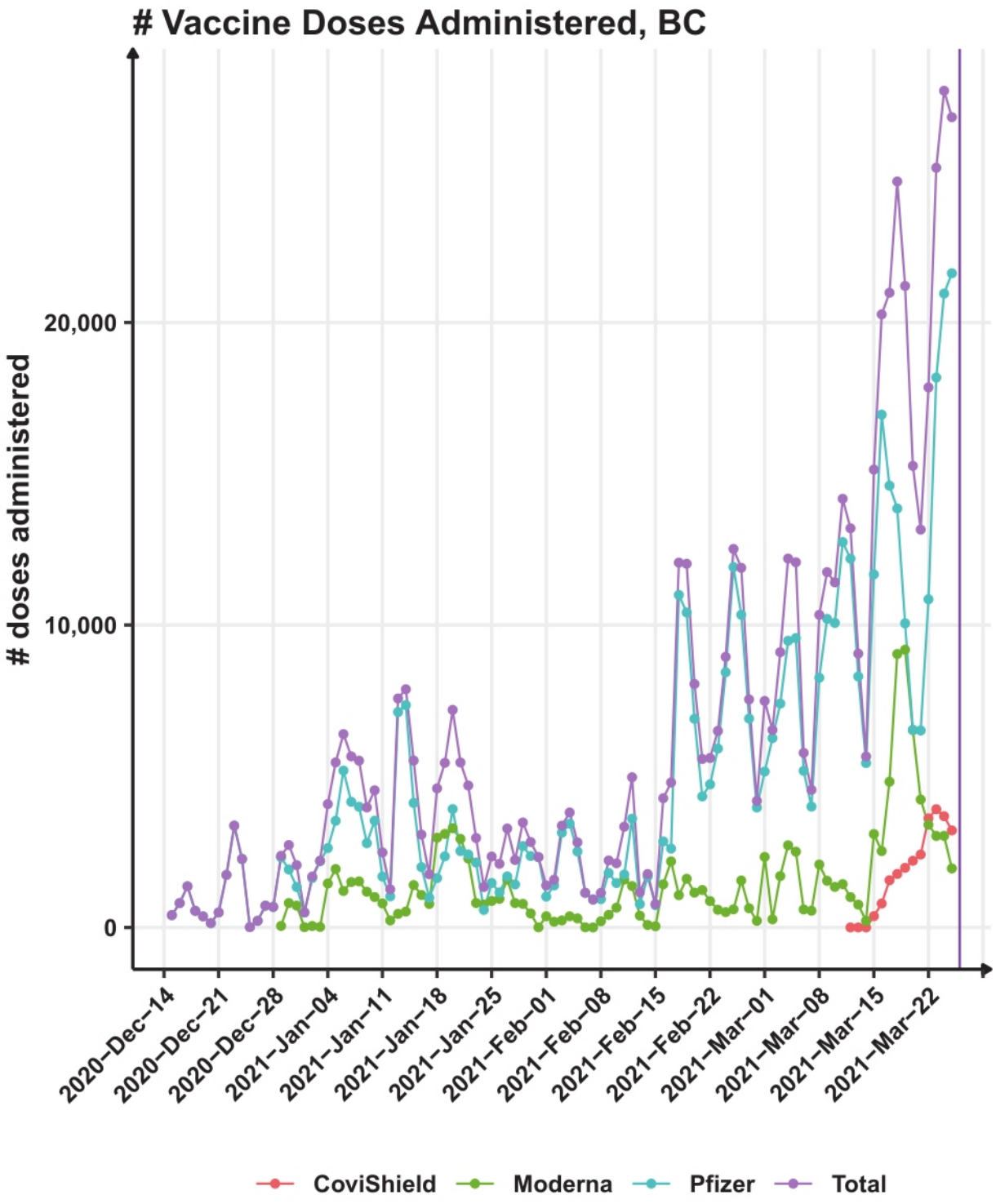
3 Vaccine

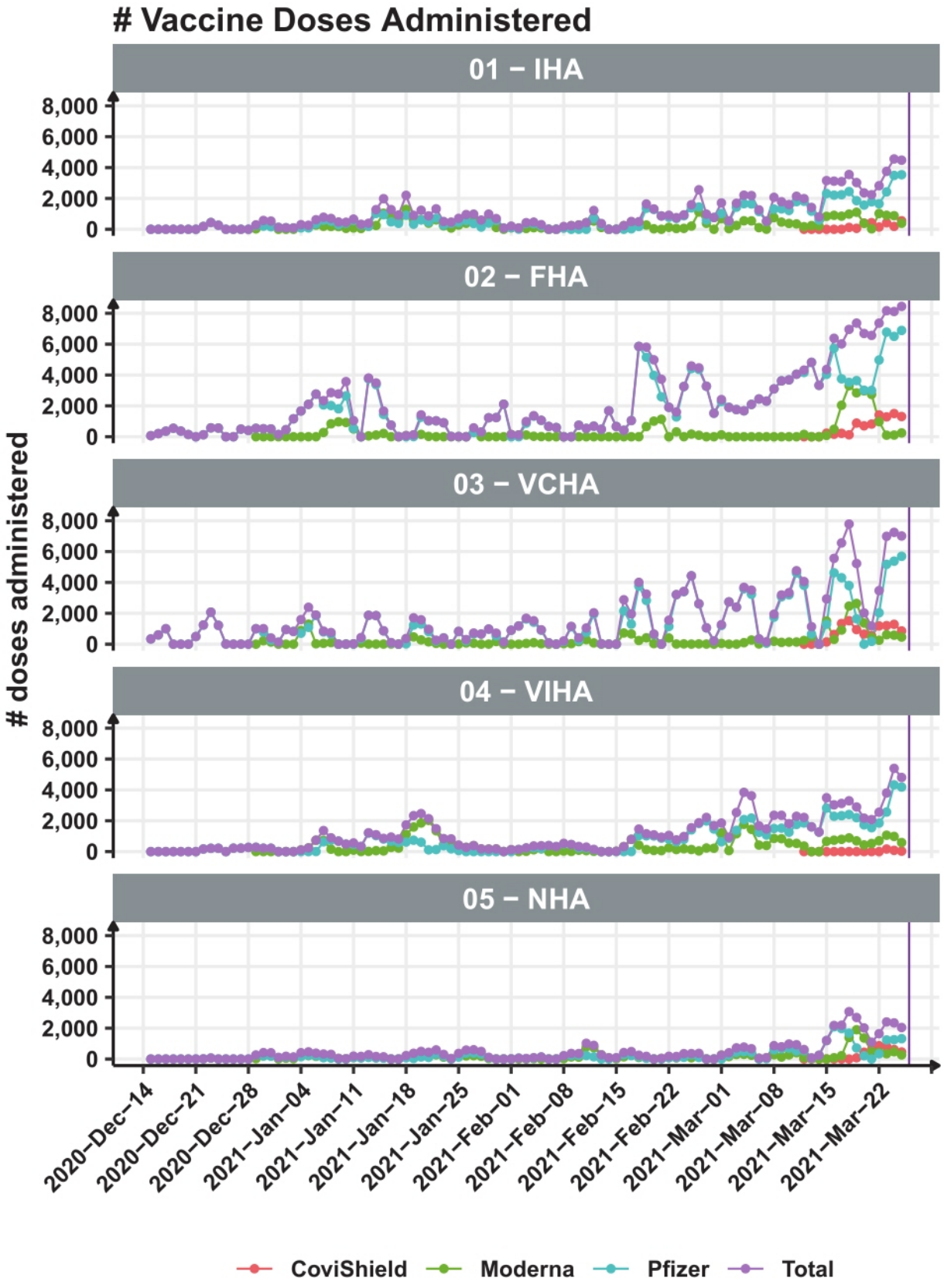
Total Number of Doses Adminstered by Date

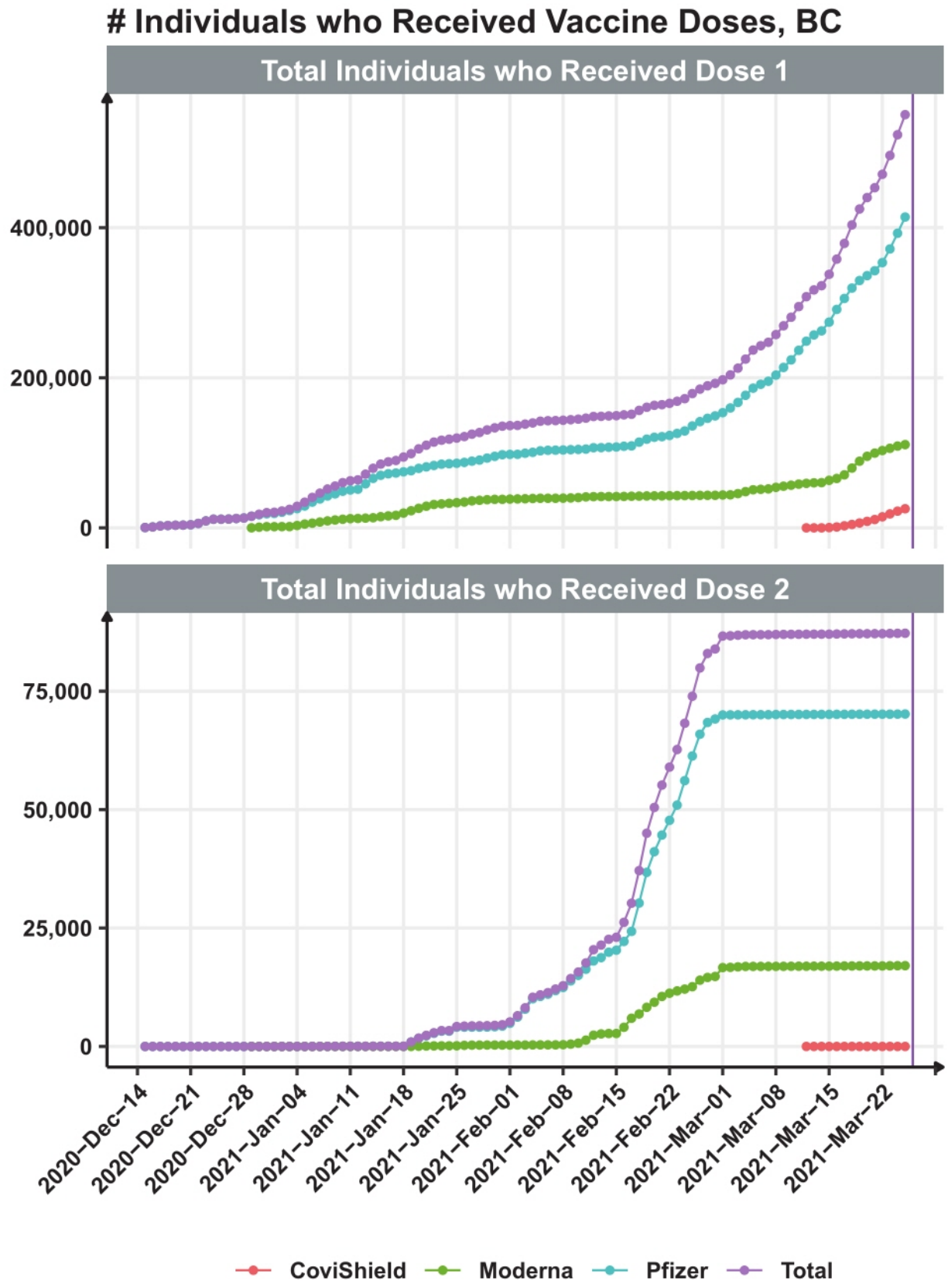
date	01 - IHA	02 - FHA	03 - VCHA	04 - VIHA	05 - NHA	00 - BC
2021-Mar-25	4,480	8,447	7,013	4,804	2,044	26,788
2021-Mar-24	4,559	8,117	7,248	5,394	2,344	27,662
2021-Mar-23	3,755	8,168	6,991	3,797	2,406	25,117
2021-Mar-22	2,826	7,362	3,471	2,552	1,643	17,854
2021-Mar-21	2,242	6,566	1,180	2,073	1,092	13,153
2021-Mar-20	2,360	6,693	2,021	2,169	2,017	15,260
2021-Mar-19	3,026	7,366	5,228	2,894	2,694	21,208
2021-Mar-18	3,551	6,958	7,786	3,294	3,073	24,662
2021-Mar-17	3,091	6,016	6,562	3,122	2,193	20,984
2021-Mar-16	3,120	6,381	5,563	3,030	2,176	20,270
2021-Mar-15	3,156	4,356	2,934	3,490	1,201	15,137
2021-Mar-14	810	3,332	0	1,267	243	5,652
2021-Mar-13	1,416	4,820	1,134	1,606	76	9,052
2021-Mar-12	1,987	4,318	4,059	2,215	618	13,197
2021-Mar-11	2,140	4,053	4,759	2,291	930	14,173

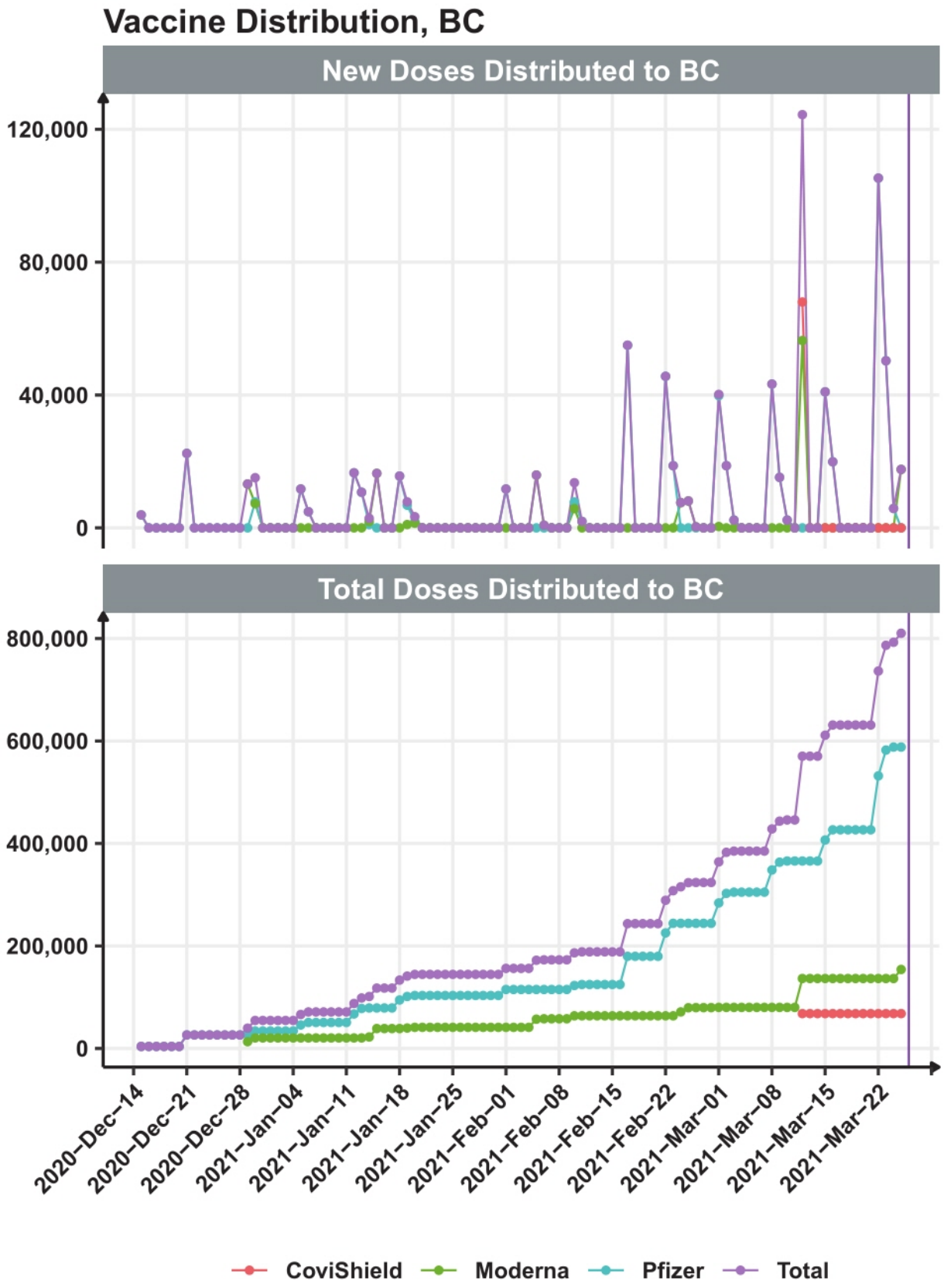
Vaccine Statistics by Date

date	Sites Providing Vaccination	New Doses Distributed to BC	Total Doses Distributed to BC	New Administered Doses	Total Administered Doses	Total Individuals who Received Dose 1	Total Individuals who Received Dose 2
2021-Mar-25	173	17,600	810,220	26,788	637,856	550,623	87,233
2021-Mar-24	167	5,850	792,620	27,662	611,068	523,855	87,213
2021-Mar-23	161	50,310	786,770	25,117	583,406	496,223	87,183
2021-Mar-22	128	105,300	736,460	17,854	558,289	471,143	87,146
2021-Mar-21	59	0	631,160	13,153	540,435	453,292	87,143
2021-Mar-20	64	0	631,160	15,260	527,282	440,143	87,139
2021-Mar-19	159	0	631,160	21,208	512,022	424,885	87,137
2021-Mar-18	175	0	631,160	24,662	490,814	403,691	87,123
2021-Mar-17	153	0	631,160	20,984	466,152	379,048	87,104
2021-Mar-16	153	19,890	631,160	20,270	445,168	358,091	87,077
2021-Mar-15	125	40,950	611,270	15,137	424,898	337,850	87,048
2021-Mar-14	41	0	570,320	5,652	409,761	322,720	87,041
2021-Mar-13	53	0	570,320	9,052	404,109	317,069	87,040
2021-Mar-12	116	124,400	570,320	13,197	395,057	308,026	87,031
2021-Mar-11	133	0	445,920	14,173	381,860	294,836	87,024


Vaccine Doses Administered, BC
doses administered
20,000
10,000
0
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
CoviShield
Moderna
Pfizer
Total

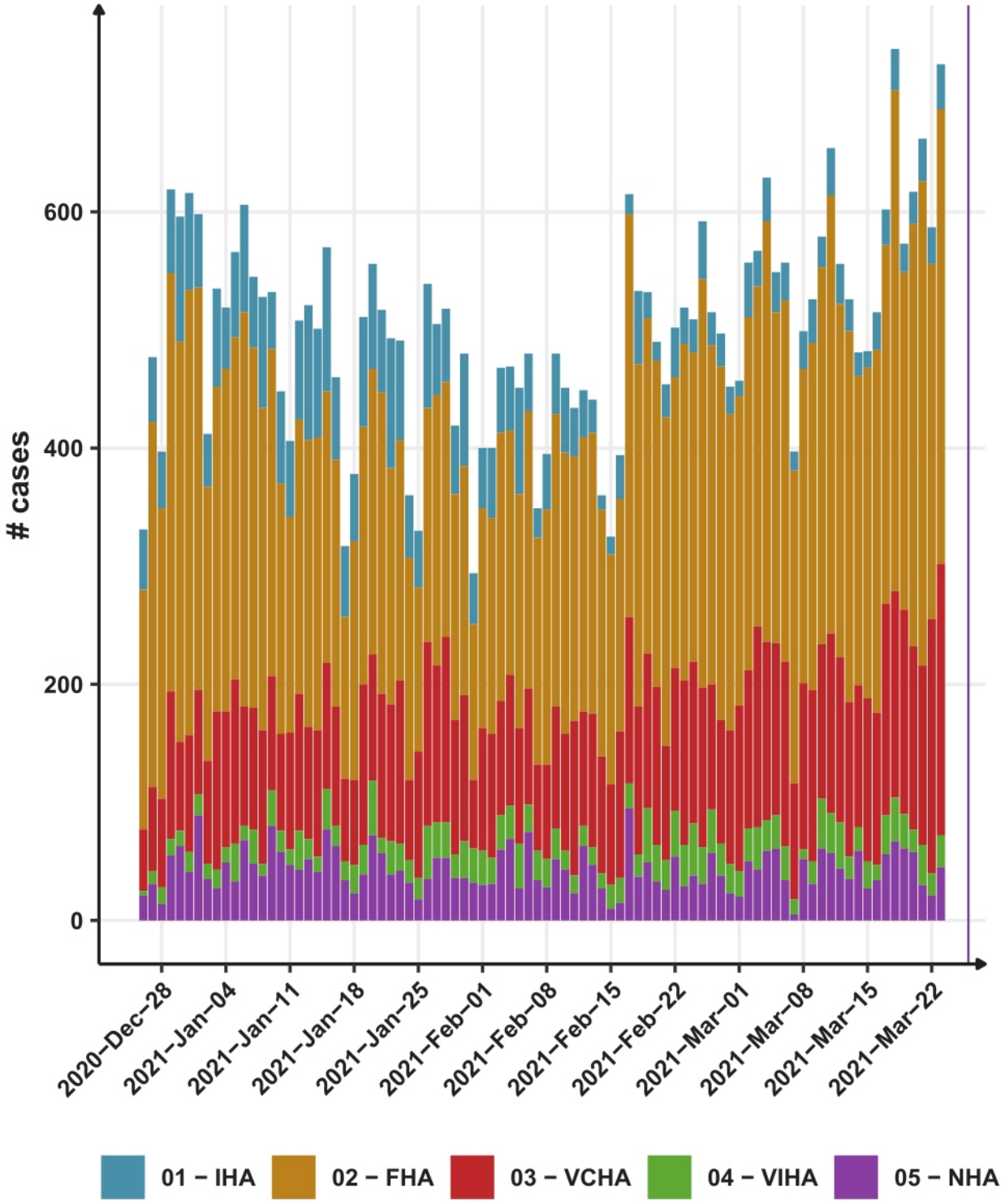

Vaccine Doses Administered
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
doses administered
8,000
6,000
4,000
2,000
0
2020–Dec–14
2020–Dec–21
2020–Dec–28
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08
2021–Mar–15
2021–Mar–22
CoviShield
Moderna
Pfizer
Total


Individuals who Received Vaccine Doses, BC
Total Individuals who Received Dose 1
400,000
200,000
0
Total Individuals who Received Dose 2
75,000
50,000
25,000
0
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
CoviShield
Moderna
Pfizer
Total


Vaccine Distribution, BC
New Doses Distributed to BC
120,000
80,000
40,000
0
Total Doses Distributed to BC
800,000
600,000
400,000
200,000
0
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
CoviShield
Moderna
Pfizer
Total

4 Epidemiology

4.1 Epi Curve



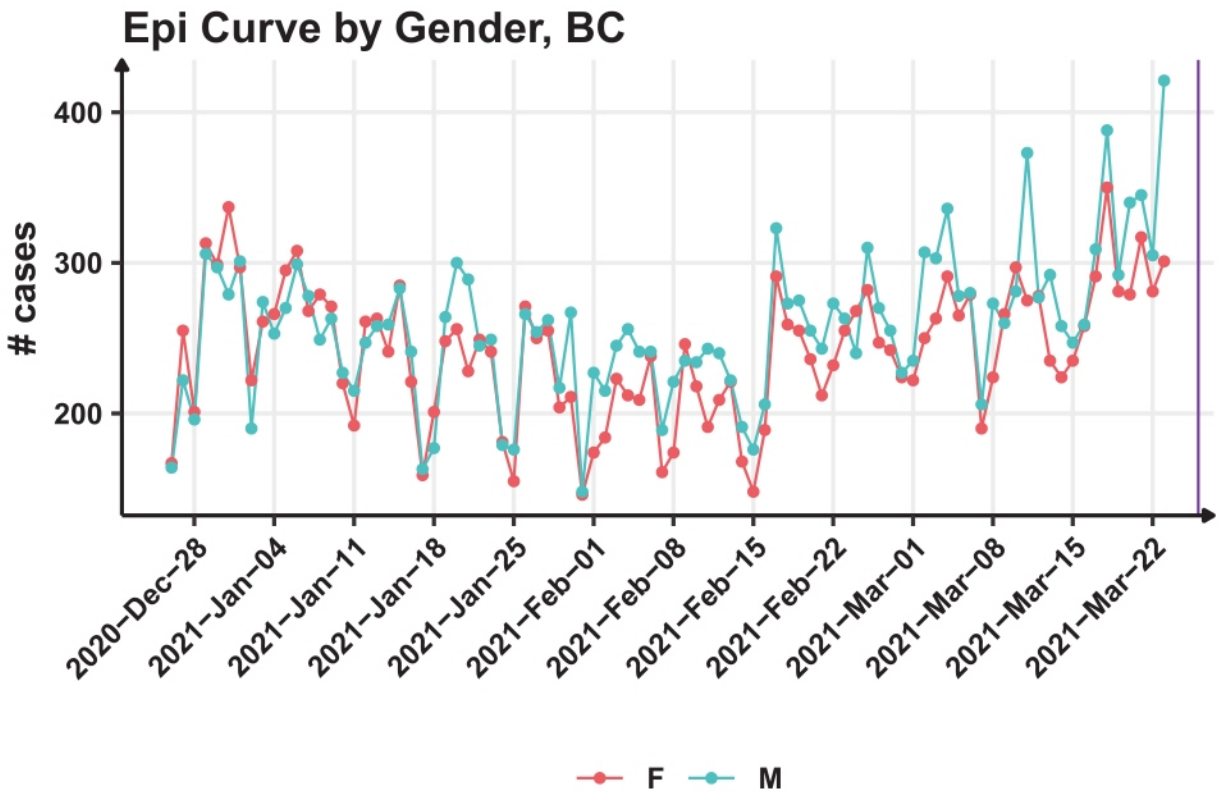
Notes:

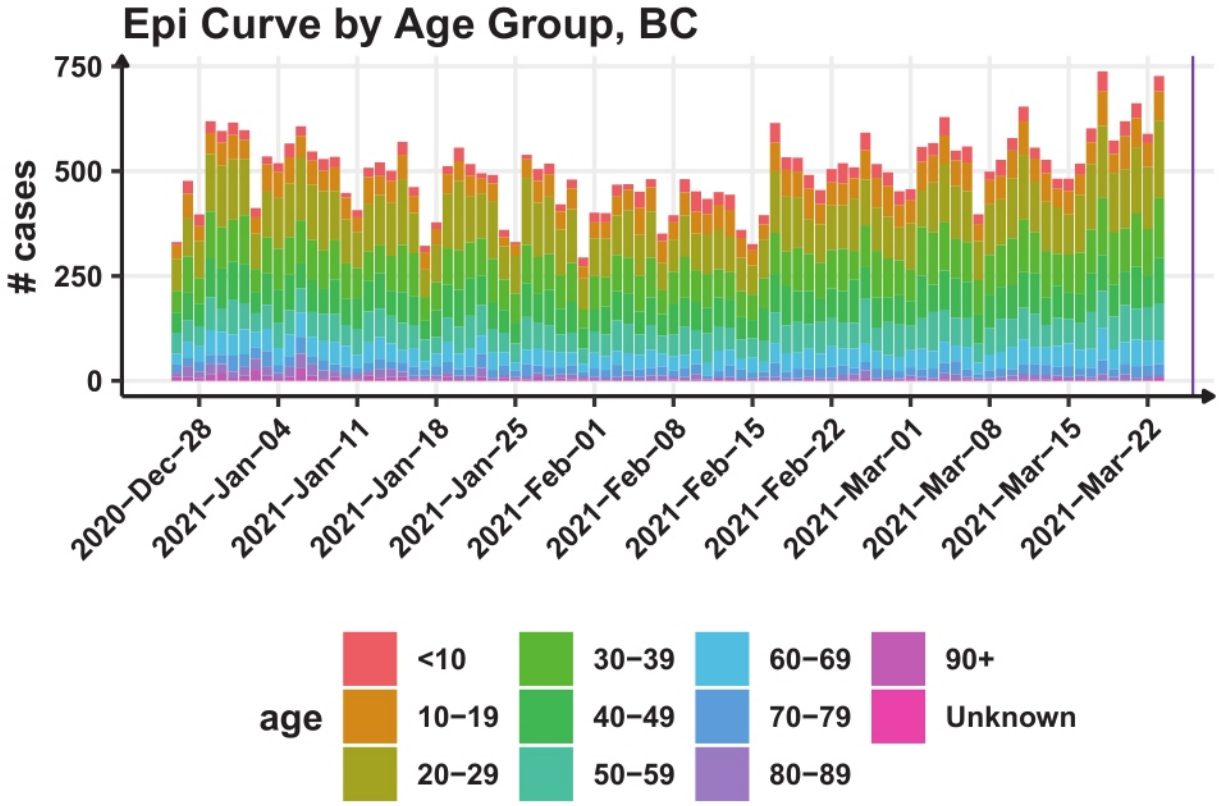
- Data source: BCCDC
- The data for this section is automatically retrieved from the BCCDC website.

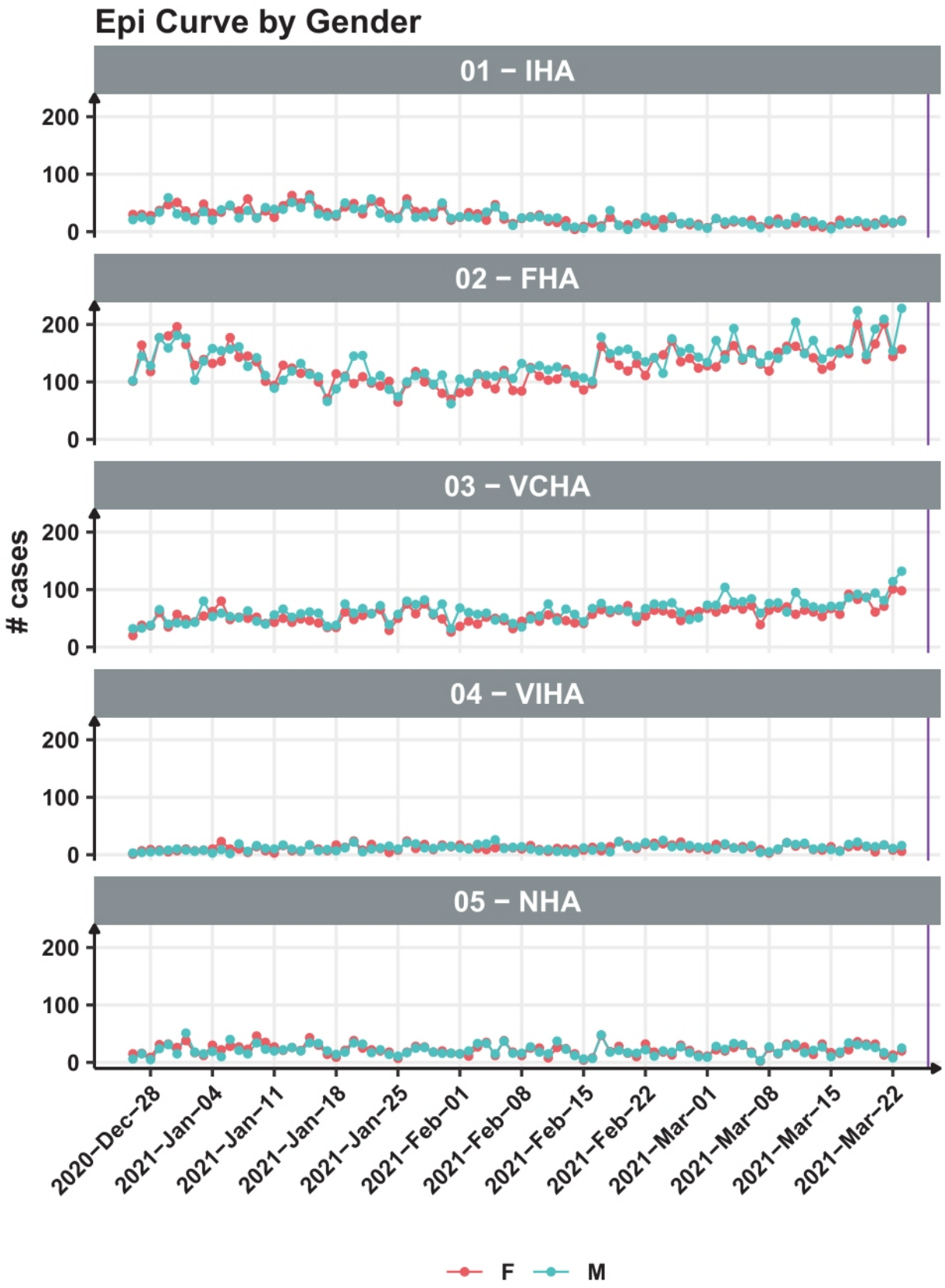
Epi Curve

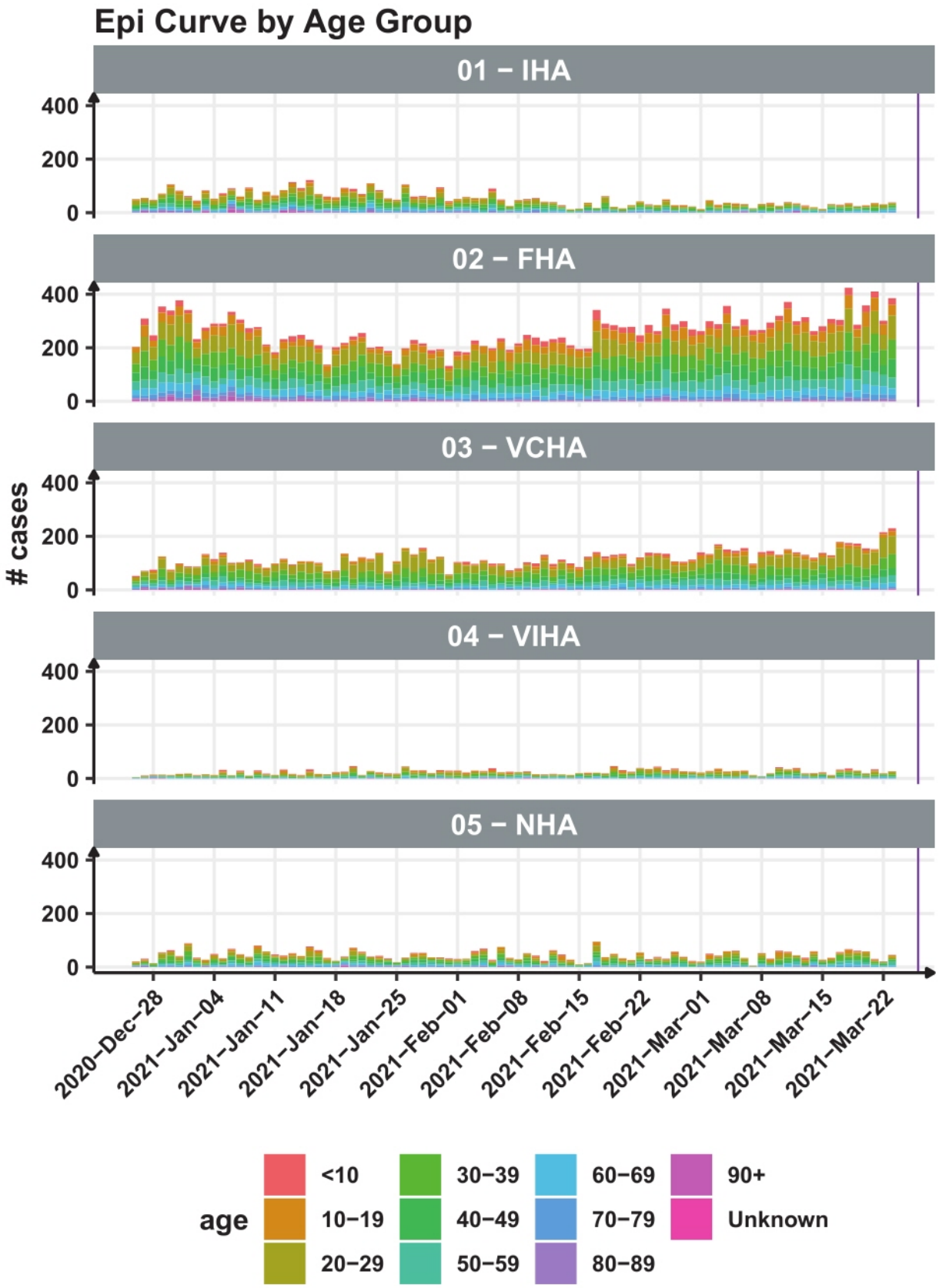
date	IHA	FHA	VCHA	VIHA	NHA	BC
2021-Mar-23	38	385	230	27	45	727
2021-Mar-22	31	301	215	19	21	589
2021-Mar-21	36	410	152	34	30	662
2021-Mar-20	27	358	155	19	58	619
2021-Mar-19	24	286	173	29	61	573
2021-Mar-18	35	424	175	37	67	738
2021-Mar-17	30	304	179	33	56	602
2021-Mar-16	32	307	129	13	34	518
2021-Mar-15	14	280	138	23	27	482
2021-Mar-14	20	262	120	20	59	482
2021-Mar-13	27	314	131	19	35	527
2021-Mar-12	34	299	140	39	44	556
2021-Mar-11	40	371	152	34	57	654
2021-Mar-10	26	319	131	42	61	579
2021-Mar-09	37	294	145	19	31	527
2021-Mar-08	32	266	141	8	52	499
2021-Mar-07	16	265	98	13	5	397
2021-Mar-06	32	306	156	29	34	559
2021-Mar-05	34	280	146	28	61	549

- Case numbers are classified as “lab-reported” or “epi-linked.”
- Totals by HA may not equal the BC total due to some cases classified as “out of Canada.”
- The maximum number of cases was 738 on March 18. The minimum number of cases was 294 on January 31. The average number of cases was 500.

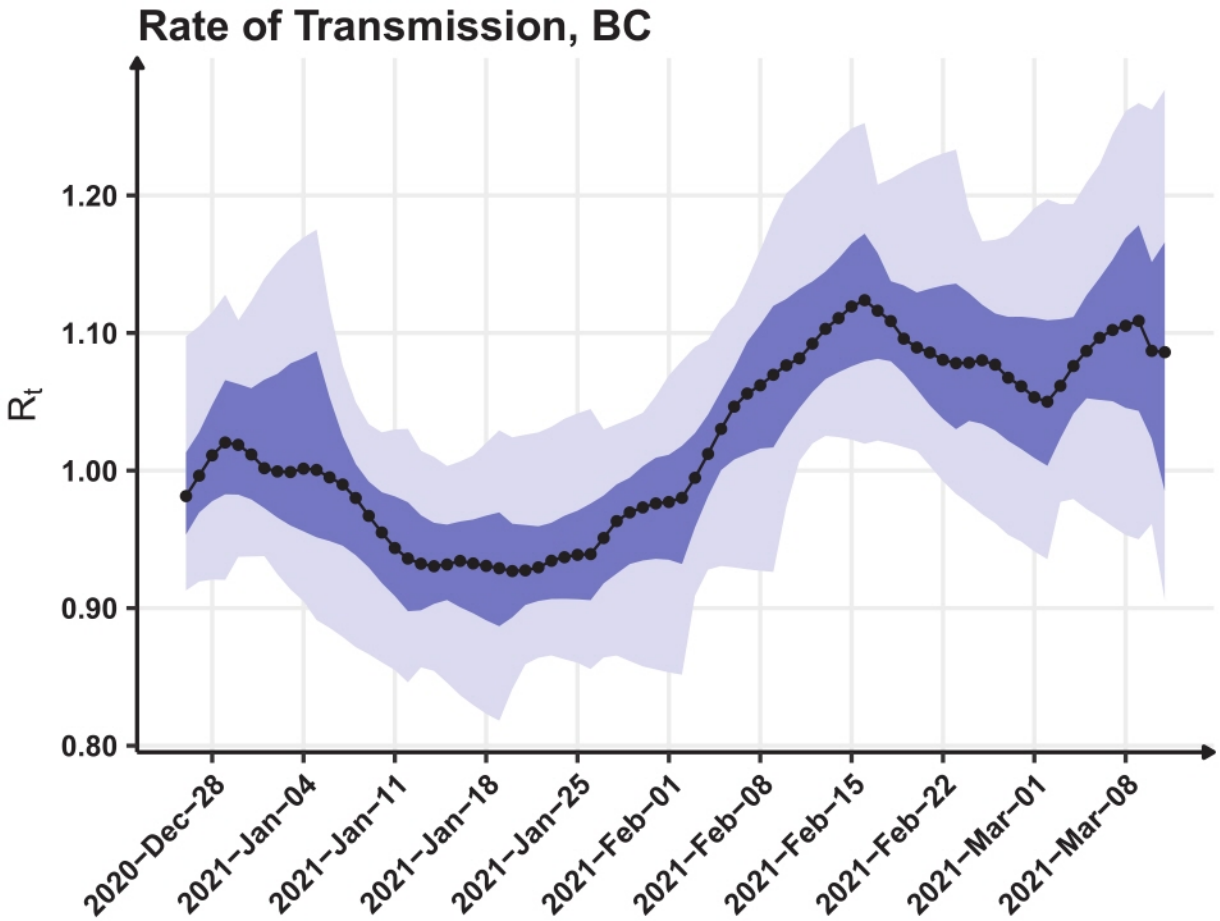

Epi Curve by Gender, BC
cases
400
300
200
2020-Dec-28
2021-Jan-04
2021-Jan-11
2021-Jan-18
2021-Jan-25
2021-Feb-01
2021-Feb-08
2021-Feb-15
2021-Feb-22
2021-Mar-01
2021-Mar-08
2021-Mar-15
2021-Mar-22
F
M


Epi Curve by Age Group, BC
cases
750
500
250
0
2020-Dec-28
2021-Jan-04
2021-Jan-11
2021-Jan-18
2021-Jan-25
2021-Feb-01
2021-Feb-08
2021-Feb-15
2021-Feb-22
2021-Mar-01
2021-Mar-08
2021-Mar-15
2021-Mar-22
age
<10
10-19
20-29
30-39
40-49
50-59
60-69
70-79
80-89
90+
Unknown


Epi Curve by Gender
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
cases
200
100
0
2020–Dec–28
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08
2021–Mar–15
2021–Mar–22
F
M


Epi Curve by Age Group
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
cases
400
200
0
2020–Dec–28
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08
2021–Mar–15
2021–Mar–22
age
<10
10–19
20–29
30–39
40–49
50–59
60–69
70–79
80–89
90+
Unknown

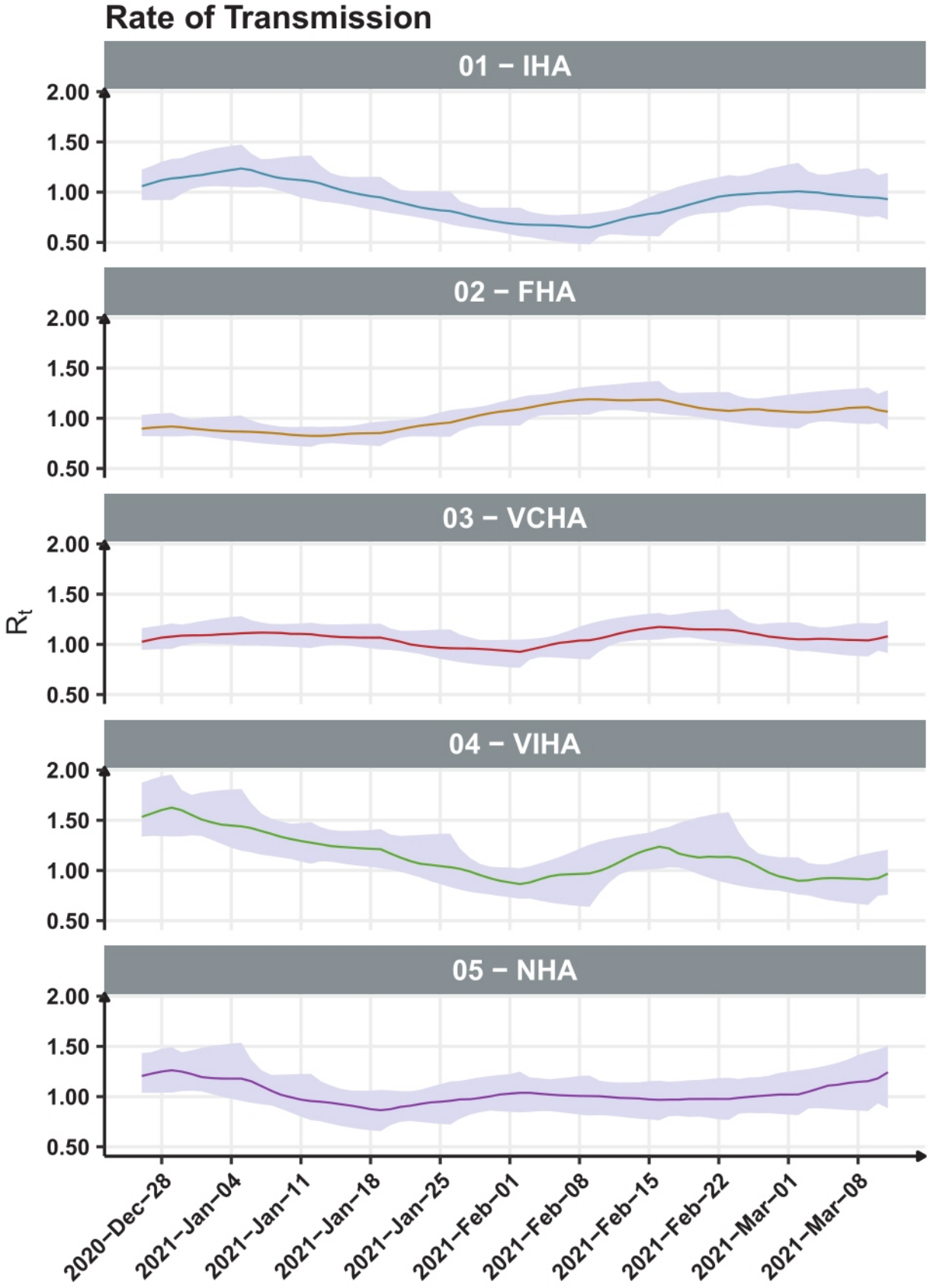
4.2 Rate of Transmission



Notes:

- Data source: BCCDC
- The data and graphs above show the estimated R_t values, for BC and by Health Authority, based on the model of Anderson et al., 2020.
- In the graphs above, the line plotted is the median estimated R_t value. The dark blue ribbon is the 25% to 75% confidence interval, and the light blue ribbon is the 5% to 95% confidence interval.

date	IHA	FHA	VCHA	VIHA	NHA	BC
2021-Mar-11	0.93	1.07	1.08	0.97	1.24	1.09
2021-Mar-10	0.94	1.08	1.06	0.92	1.18	1.09
2021-Mar-09	0.95	1.11	1.04	0.91	1.15	1.11
2021-Mar-08	0.95	1.11	1.04	0.92	1.15	1.11
2021-Mar-07	0.96	1.10	1.04	0.92	1.14	1.10
2021-Mar-06	0.97	1.09	1.05	0.92	1.12	1.10
2021-Mar-05	0.98	1.08	1.05	0.92	1.11	1.09
2021-Mar-04	1.00	1.06	1.06	0.92	1.08	1.08
2021-Mar-03	1.00	1.06	1.05	0.90	1.05	1.06
2021-Mar-02	1.01	1.06	1.05	0.90	1.02	1.05


Rate of Transmission
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
R_t
2.00
1.50
1.00
0.50
2020–Dec–28
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08

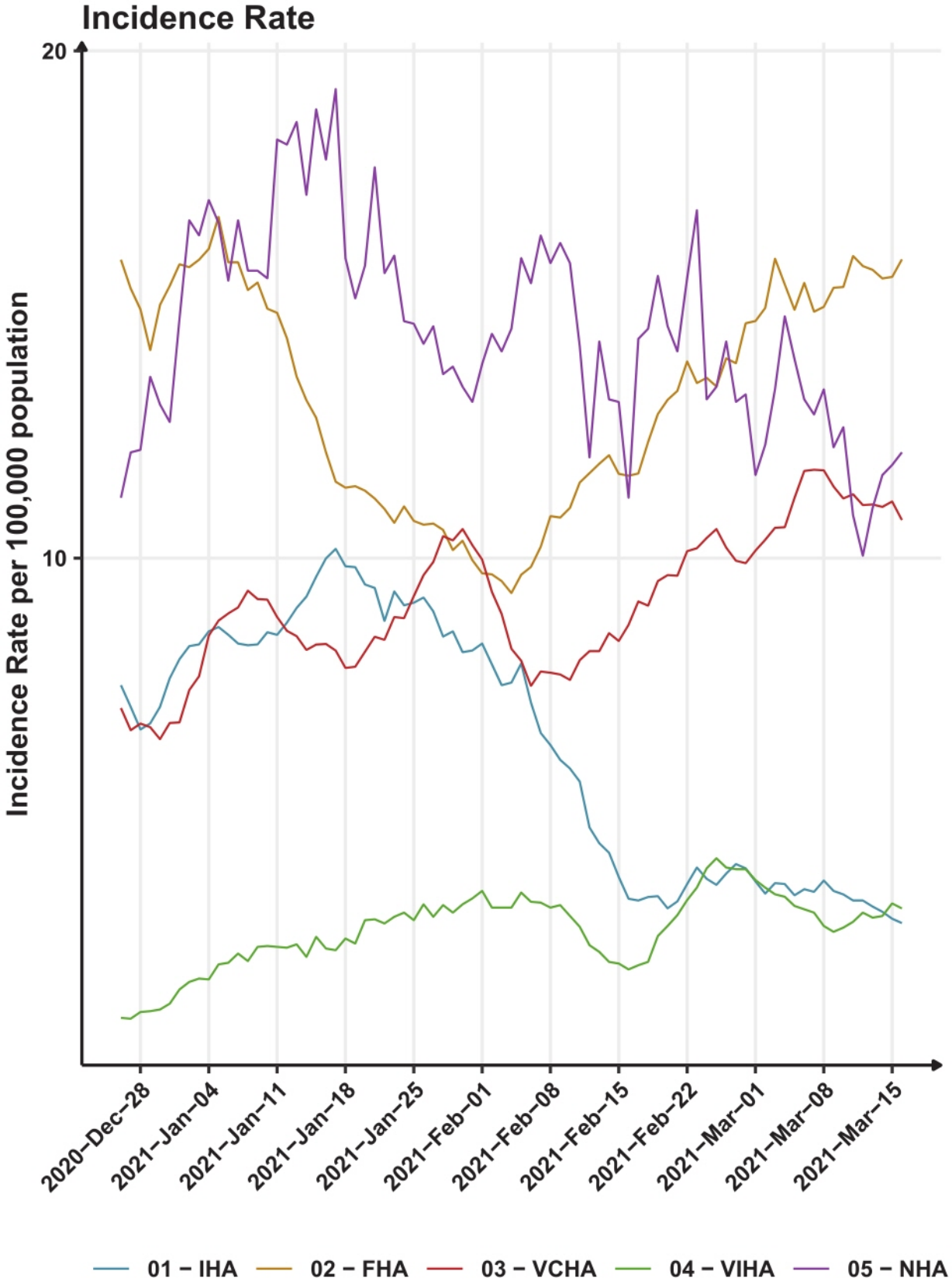
4.3 Incidence Rate

Incidence Rate per 100,000 Population

date	IHA	FHA	VCHA	VIHA	NHA
2021-Mar-16	2.81	15.89	10.75	3.09	12.09
2021-Mar-15	2.89	15.54	11.12	3.19	11.84
2021-Mar-14	3.03	15.51	11.01	2.95	11.64
2021-Mar-13	3.13	15.68	11.06	2.91	10.99
2021-Mar-12	3.25	15.76	11.05	3.01	10.05
2021-Mar-11	3.25	15.96	11.26	2.83	10.84
2021-Mar-10	3.37	15.34	11.18	2.72	12.58
2021-Mar-09	3.44	15.33	11.41	2.63	12.18
2021-Mar-08	3.65	14.95	11.73	2.75	13.33
2021-Mar-07	3.42	14.86	11.74	3.01	12.83
2021-Mar-06	3.47	15.43	11.72	3.08	13.13
2021-Mar-05	3.35	14.90	11.19	3.14	13.93
2021-Mar-04	3.58	15.40	10.61	3.33	14.77
2021-Mar-03	3.59	15.90	10.60	3.37	13.33
2021-Mar-02	3.39	14.93	10.36	3.51	12.23
2021-Mar-01	3.63	14.67	10.15	3.65	11.64
2021-Feb-28	3.88	14.63	9.90	3.87	13.23
2021-Feb-27	3.97	13.84	9.95	3.87	13.08
2021-Feb-26	3.78	13.94	10.21	3.90	14.27
2021-Feb-25	3.56	13.39	10.57	4.08	13.38

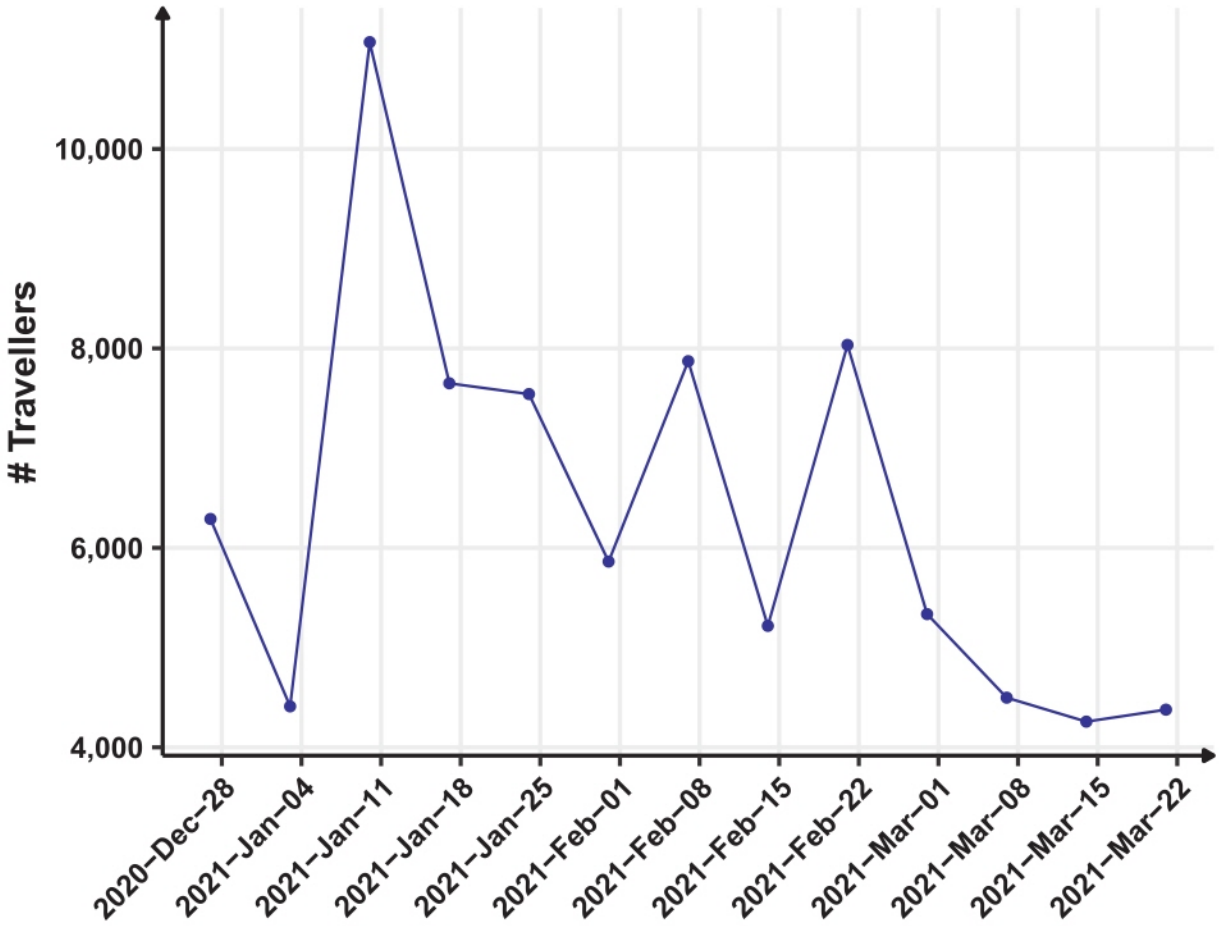
Notes:

- Data source: BCCDC
- The data shown above is the average daily incidence (7-day rolling average).
- The date is the reported date (as opposed to the episode date).


Incidence Rate
20
10
Incidence Rate per 100,000 population
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA

5 Screening Stage

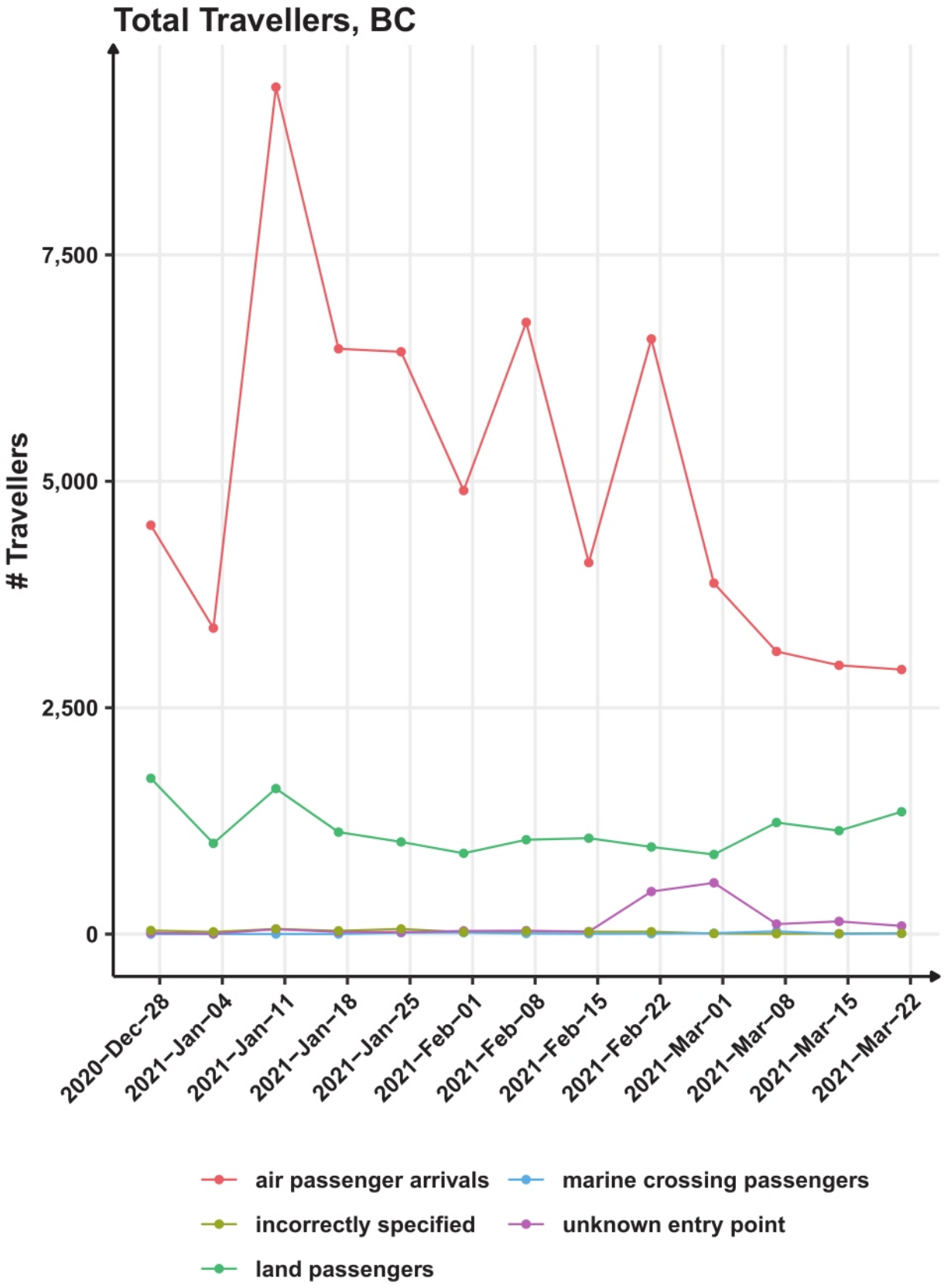
5.1 Travellers



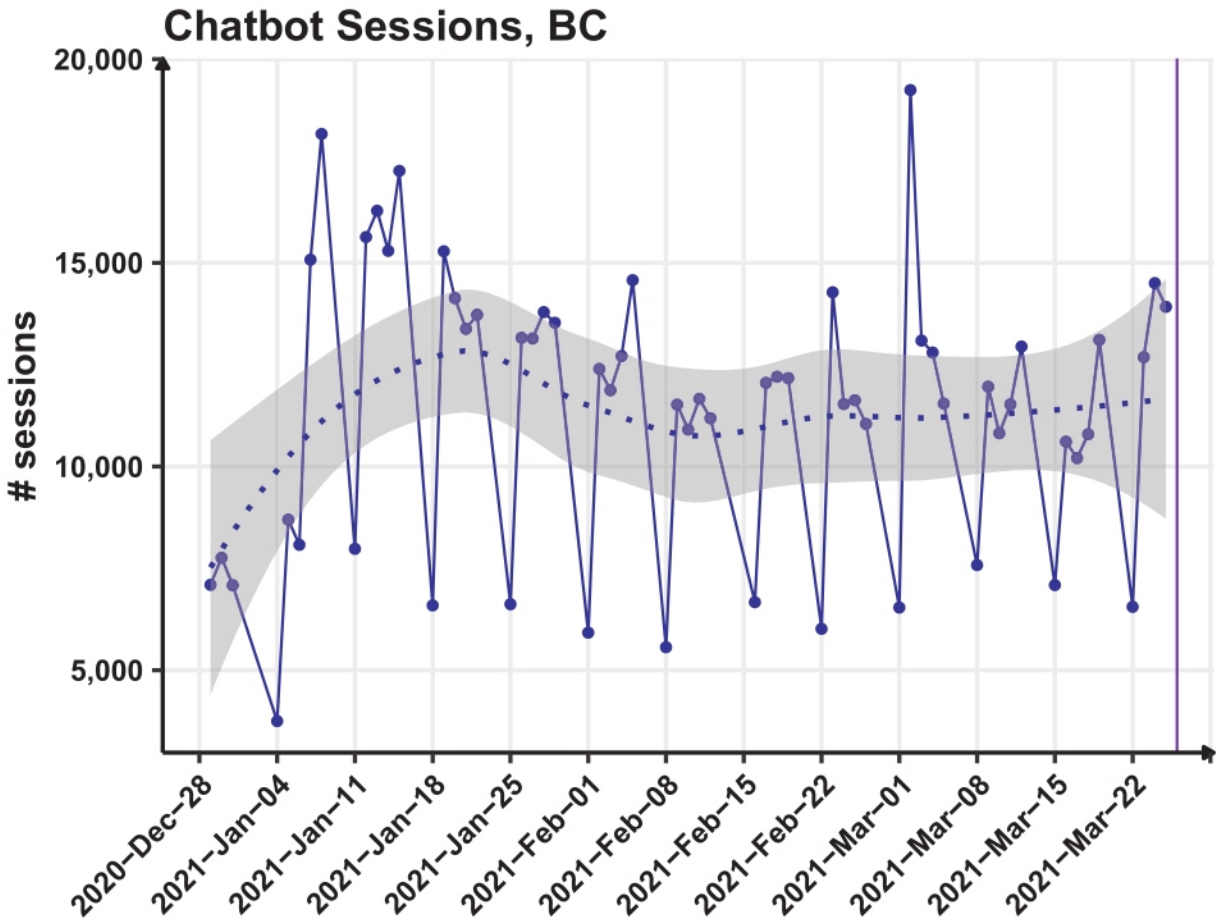
Notes:

- Data Source: HSIMIT
- Total Passengers is defined as the sum of "Total Air Passenger Arrivals", "Total Land Passengers", "Total Marine Crossing Passengers", "Total Unknown Entry Point", and "Total Incorrectly Specified."
- The statistics are from "June to Date" Arrivals.
- The data was reported daily until November 22, 2020; since then, it has been reported weekly.
- The maximum number of total arrivals was 11,071 on January 10. The minimum number of total arrivals was 0 on January 03. The average number of total arrivals was 2,113.

date	# Total Passengers
2021-Mar-21	4,378
2021-Mar-14	4,258
2021-Mar-07	4,498
2021-Feb-28	5,336
2021-Feb-21	8,035
2021-Feb-14	5,218
2021-Feb-07	7,872
2021-Jan-31	5,863
2021-Jan-24	7,542
2021-Jan-17	7,650
2021-Jan-10	11,071
2021-Jan-03	4,411
2020-Dec-27	6,290
2020-Dec-20	6,502
2020-Dec-13	10,029
2020-Dec-06	6,315
2020-Nov-29	5,342
2020-Nov-22	16,518


Total Travellers, BC
Travellers
7,500
5,000
2,500
0
2020-Dec-28
2021-Jan-04
2021-Jan-11
2021-Jan-18
2021-Jan-25
2021-Feb-01
2021-Feb-08
2021-Feb-15
2021-Feb-22
2021-Mar-01
2021-Mar-08
2021-Mar-15
2021-Mar-22
air passenger arrivals
marine crossing passengers
incorrectly specified
unknown entry point
land passengers

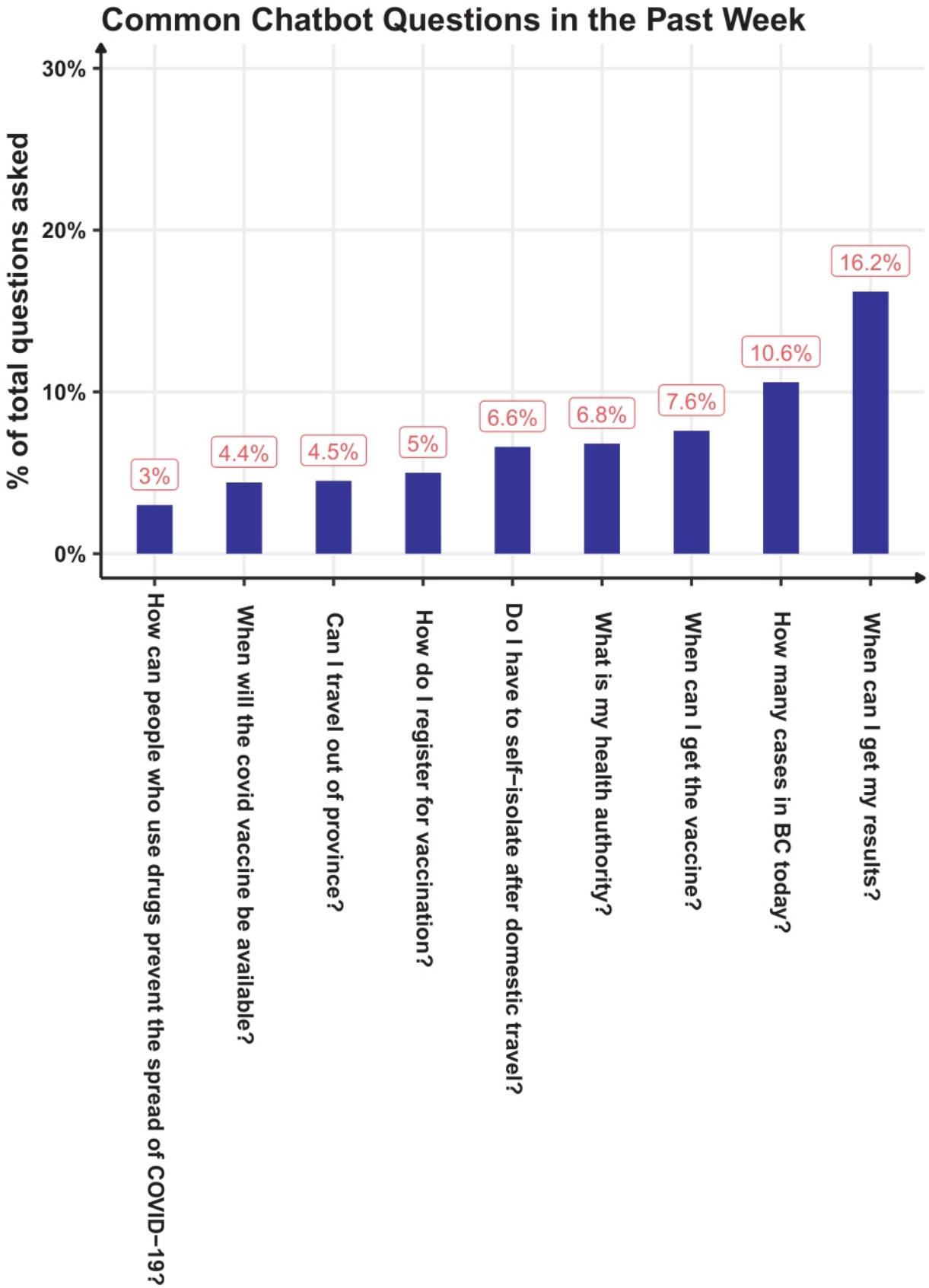
5.2 Digital Chatbot



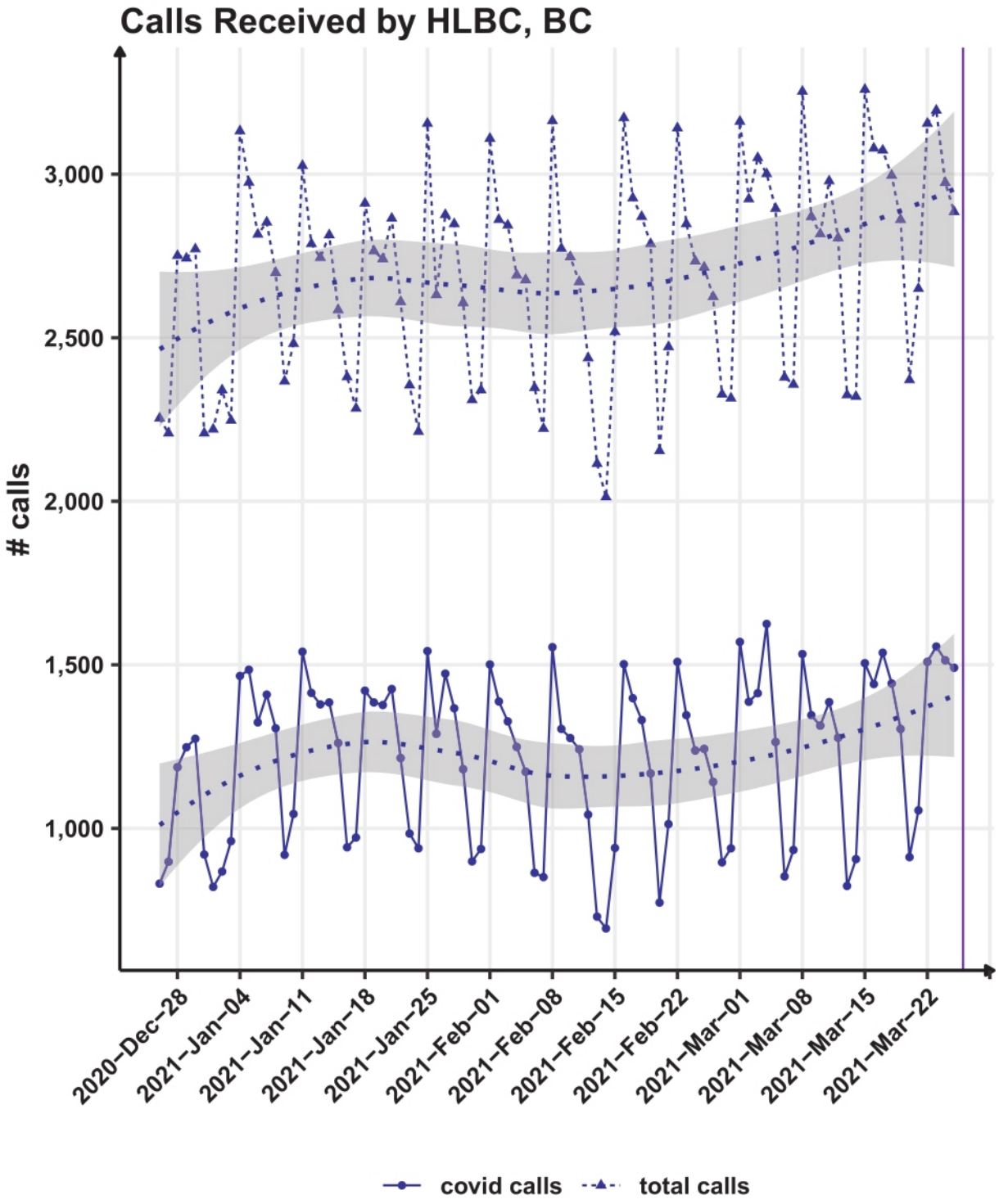
Notes:

- Data source: CGI
- The maximum number of chatbot sessions was 19,242 on March 02. The minimum number of chatbot sessions was 3,750 on January 04. The average number of chatbot sessions was 11,392.

date	# sessions
2021-Mar-25	13,920
2021-Mar-24	14,502
2021-Mar-23	12,684
2021-Mar-22	6,555
2021-Mar-19	13,110
2021-Mar-18	10,793
2021-Mar-17	10,206
2021-Mar-16	10,610
2021-Mar-15	7,090
2021-Mar-12	12,945
2021-Mar-11	11,525
2021-Mar-10	10,816
2021-Mar-09	11,959
2021-Mar-08	7,580
2021-Mar-05	11,547


Common Chatbot Questions in the Past Week
% of total questions asked
30%
20%
10%
0%
3%
4.4%
4.5%
5%
6.6%
6.8%
7.6%
10.6%
16.2%
How can people who use drugs prevent the spread of COVID-19?
When will the covid vaccine be available?
Can I travel out of province?
How do I register for vaccination?
Do I have to self-isolate after domestic travel?
What is my health authority?
When can I get the vaccine?
How many cases in BC today?
When can I get my results?

5.3 HLBC


Calls Received by HLBC, BC
calls
3,000
2,500
2,000
1,500
1,000
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
covid calls
total calls

HLBC

date	total calls	covid calls
2021-Mar-25	2,885	1,491
2021-Mar-24	2,974	1,514
2021-Mar-23	3,195	1,556
2021-Mar-22	3,155	1,509
2021-Mar-21	2,650	1,055
2021-Mar-20	2,371	912
2021-Mar-19	2,861	1,304
2021-Mar-18	2,996	1,443
2021-Mar-17	3,073	1,537
2021-Mar-16	3,079	1,441
2021-Mar-15	3,259	1,505
2021-Mar-14	2,320	906
2021-Mar-13	2,325	824
2021-Mar-12	2,805	1,277
2021-Mar-11	2,979	1,386
2021-Mar-10	2,817	1,314
2021-Mar-09	2,870	1,346
2021-Mar-08	3,253	1,533
2021-Mar-07	2,357	934
2021-Mar-06	2,379	853
2021-Mar-05	2,895	1,264

Notes:

- Data consist of calls to Navigation Services (NAV).
- The maximum number of Covid calls was 1,625 on March 04. The minimum number of Covid calls was 694 on February 14. The average number of Covid calls was 1,220.

5.4 Collection Site Capacity

HA	Centre Name	# Collected	Capacity
	100 Mile House	3	22
	Ashcroft	0	0
	Barriere	2	6
	Castlegar	0	0
	Clearwater	0	10
	Cranbrook	19	68
	Creston	8	12
	Enderby	10	22
	Golden	3	18
	Grand Forks	3	22
	Invermere	4	18
	Kamloops Public Health Unit	95	236
	Kamloops UPCC	1	10
	Kelowna Ethel Street	149	238
	Kelowna UPCC	8	10
IHA	Lillooet Hospital	11	12
	Lytton	0	0
	Merritt	0	0
	Nelson	12	33
	Penticton	31	68
	Princeton	0	0
	Revelstoke	6	23
	Salmon Arm	20	30
	Sparwood	9	36
	Sun Peaks	0	0
	Trail	22	29
	Vernon Health Centre	59	127
	Vernon UPCC	1	10
	West Kelowna	48	153
	Williams Lake	12	24
	Salmo	0	0

(continued)

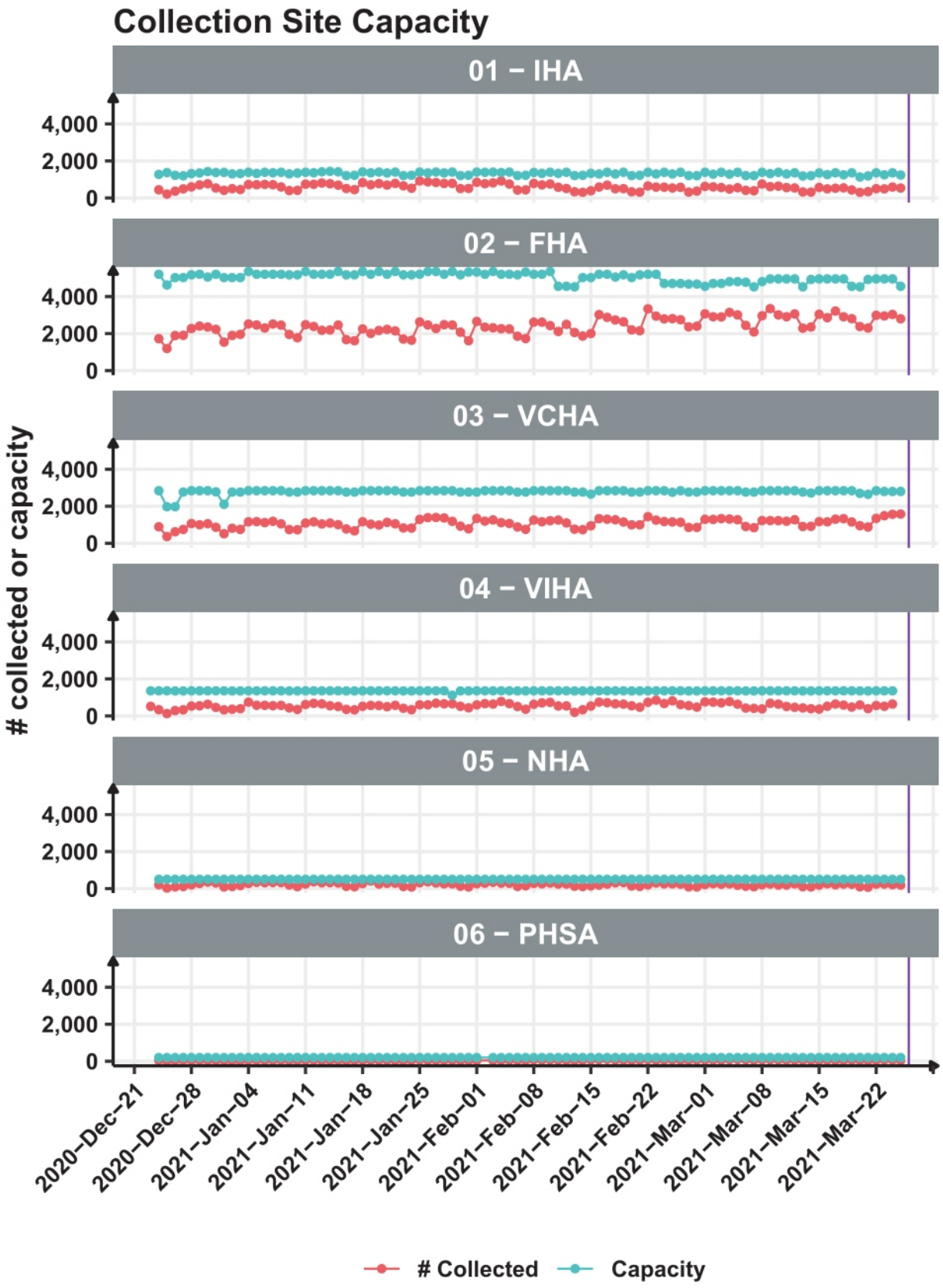
HA	Centre Name	# Collected	Capacity
FHA	Abbotsford	213	400
	Burnaby	431	700
	Chilliwack	118	400
	Coquitlam	431	500
	Delta	94	175
	Hope	5	30
	Langley COVID19 KPU site	345	650
	Maple Ridge	183	150
	Mission	47	150
	South Surrey	301	400
	Surrey	634	1000
	MobileMass testing	379	400
	Surrey North	0	500
	Peace Arch Cafeteria	28	150
	MobileMass testing site	39	150
	MobileMass	43	150
VCHA	City Centre UPCC Assessment Centre	141	125
	DTES COVID Clinic Assessment Centre	15	30
	North Vancouver Test Collection Centre	271	375
	North Vancouver UPCC Assessment Centre	12	100
	Pemberton Health Centre	11	45
	Powell River Complex Clinic Assessment Centre	0	30
	REACH UPCC Assessment Centre	11	50
	Richmond Hospital Walk In Collection Centre	35	60
	Richmond Test Collection Centre	192	650
	Sechelt Respiratory Assessment Centre	24	50
	Squamish Respiratory Assessment Centre	51	75
	St Vincents Test Collection Centre	393	500
	Three Bridges Collection Centre	43	85
	VCC Test Collection Centre	301	600
	Whistler Health Centre	78	25

(continued)

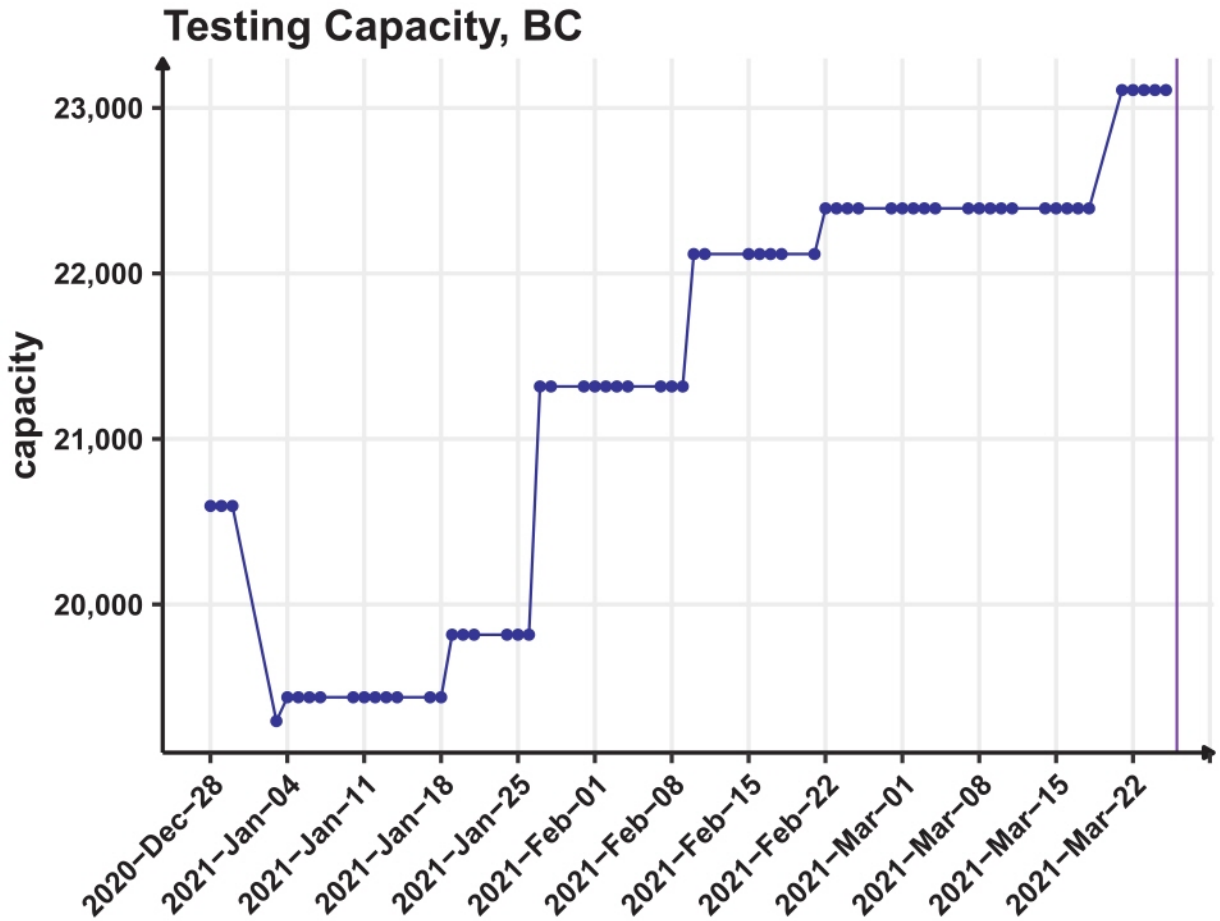
HA	Centre Name	# Collected	Capacity
VIHA	Campbell River	31	68
	Comox Valley	46	96
	Cowichan	47	80
	Nanaimo	146	157
	Peninsula Health Unit	40	200
	Port Alberni WCGH	6	41
	Port Hardy	1	15
	Port McNeill	0	7
	Qualicum Beach	25	43
	Saltspring Lady Minto	7	28
	Tofino	8	20
	University of Victoria	176	180
	Victoria Health Unit	9	185
	West Shore	99	236
	Cormorant Island	1	80
	Sointula	1	28
	Port Alberni WCGH	4	41
	Qualicum Civic Centre	54	43
NHA	Ashcroft	0	0
	Grand Total	198	500

Notes:

- Data source: PHSA
- The data presented are the totals for the most recent available date. "Capacity" is the "collection capacity total" and "# Collected" is the "collected total."


Collection Site Capacity
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
06 – PHSA
collected or capacity
4,000
2,000
0
2020–Dec–21
2020–Dec–28
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08
2021–Mar–15
2021–Mar–22
Collected
Capacity

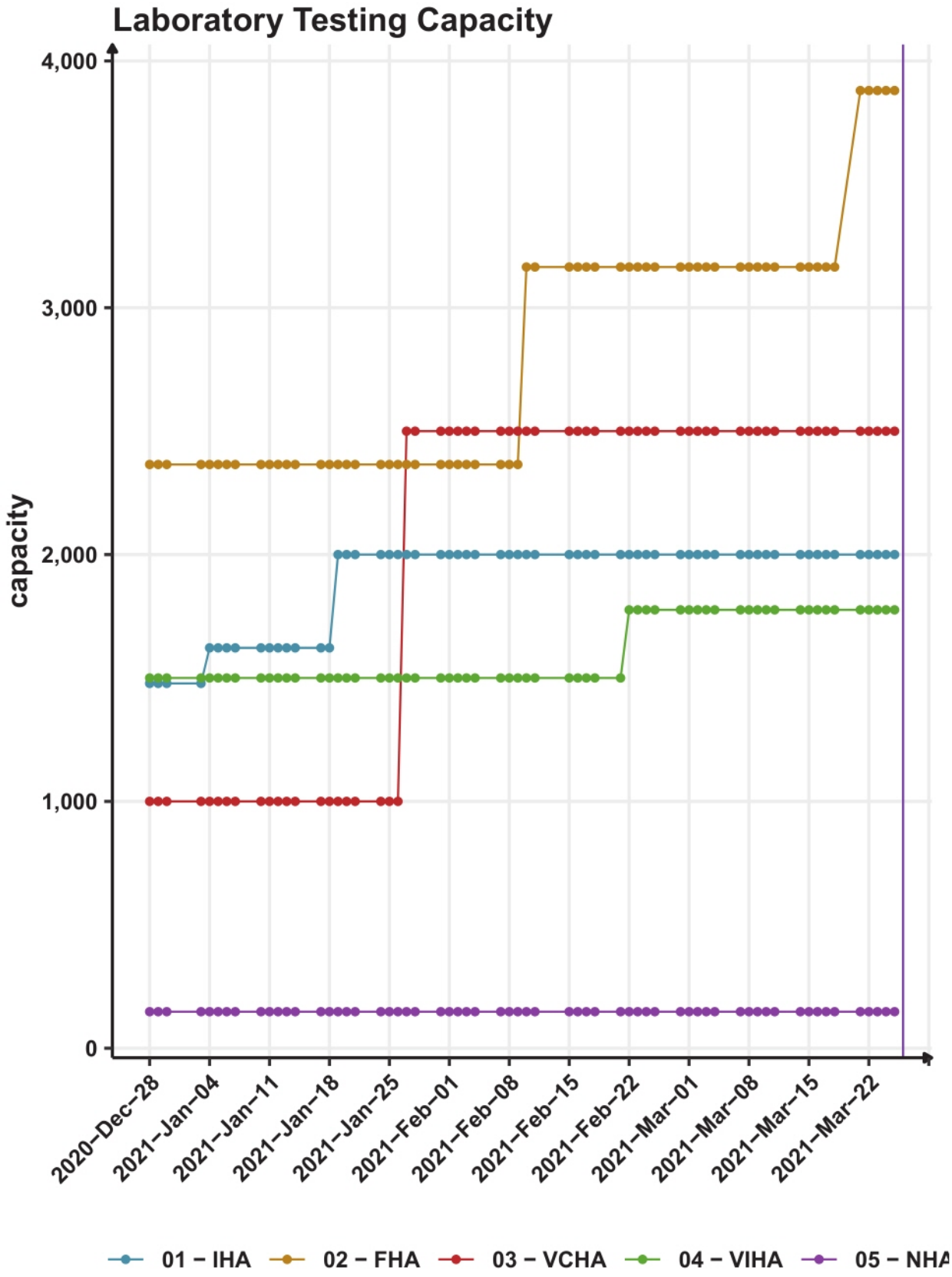
5.5 Laboratory Testing Capacity



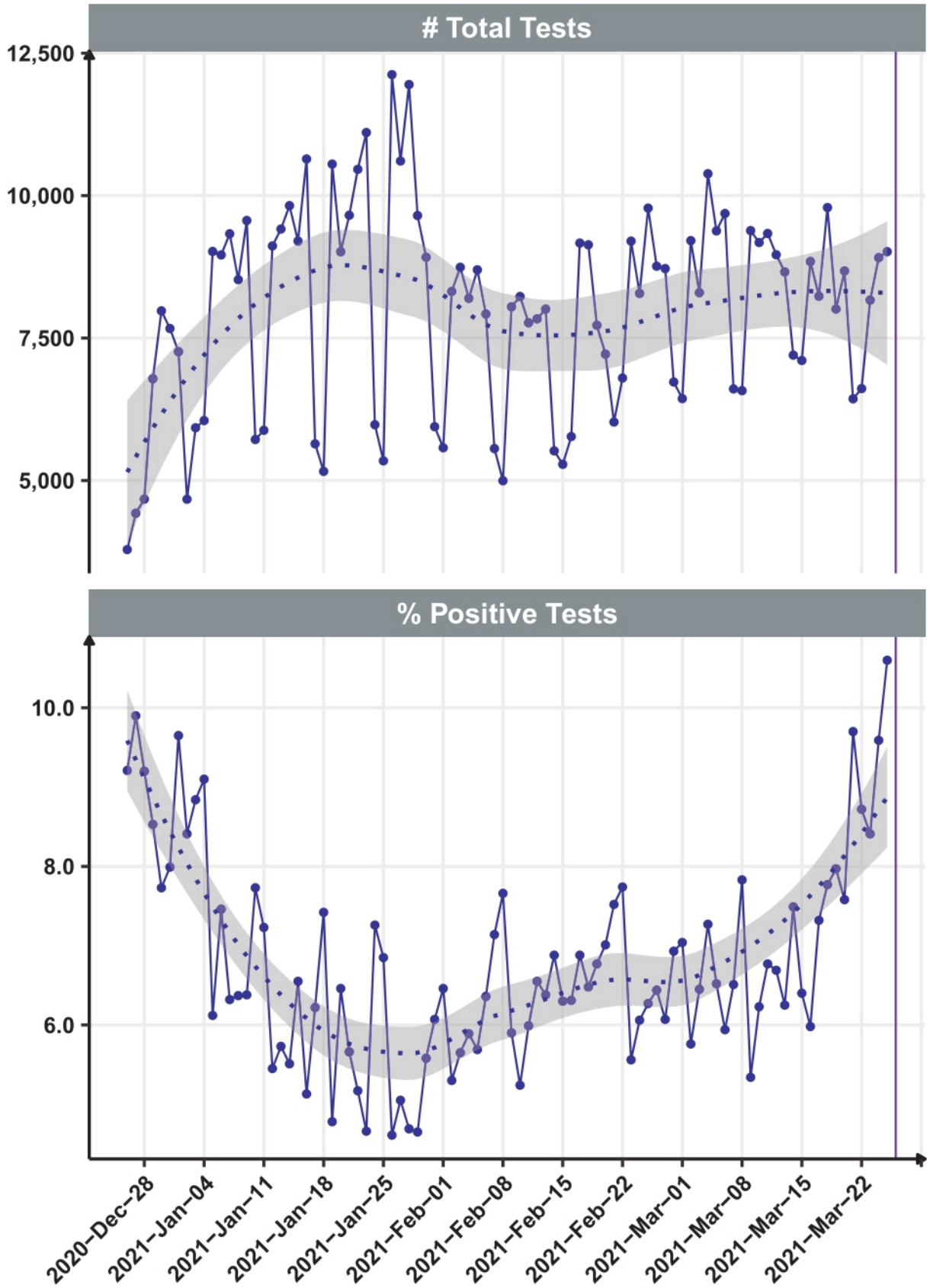
Notes:

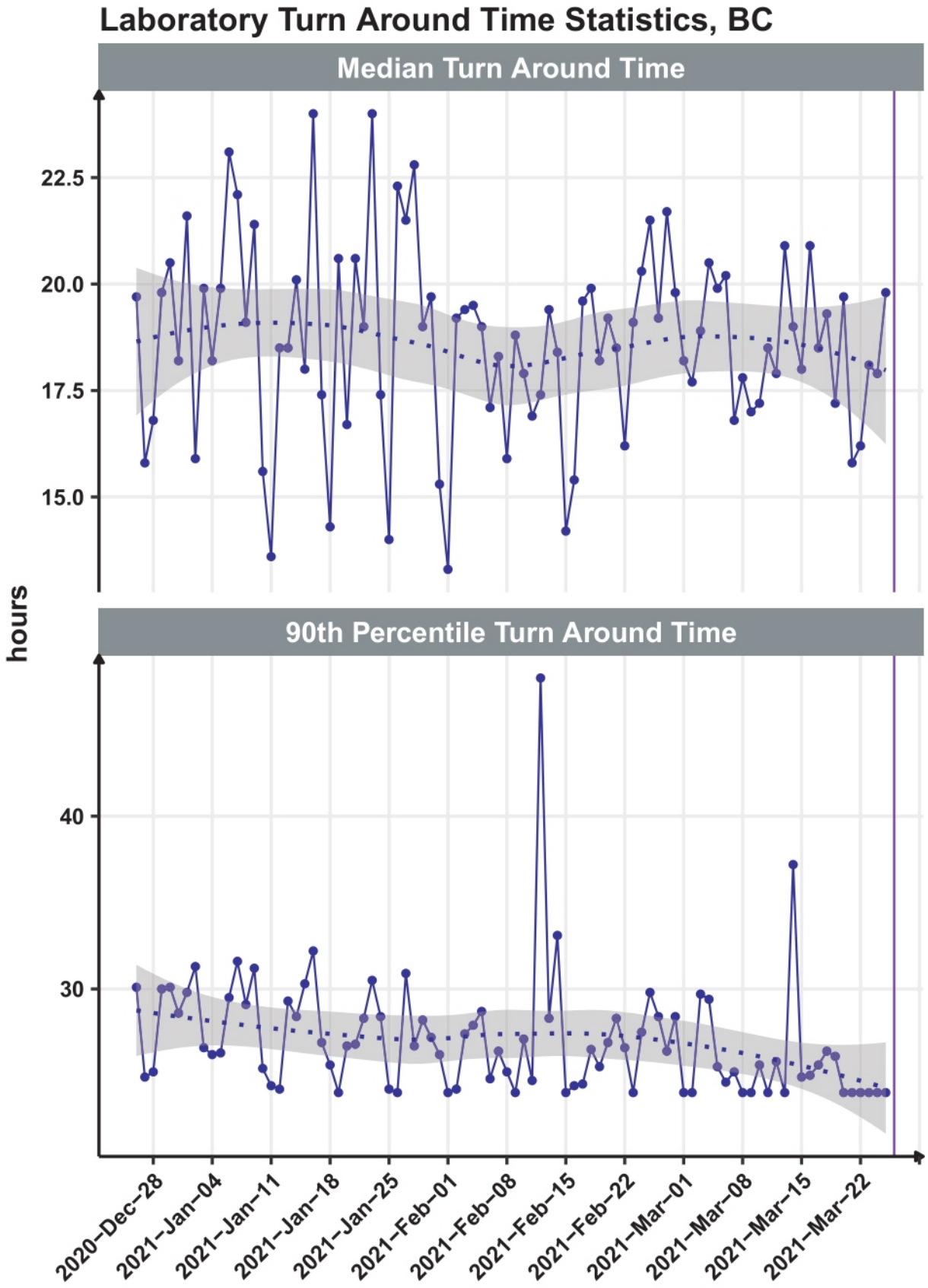
- Data source: PHSA.
- Capacity is defined by the PHSA "Today's instrument testing capacity (i.e. specimens/day) by testing site."
- Testing capacities omitted from the above graphs and table include C&W, BCCDC and Lifelabs.
- The maximum capacity was 23,108 on March 25. The minimum capacity was 19,295 on January 03. The average capacity was 21,336.

date	IHA	FHA	VCHA	VIHA	NHA	BC
2021-Mar-25	2,000	3,880	2,500	1,776	148	23,108
2021-Mar-18	2,000	3,165	2,500	1,776	148	22,393
2021-Feb-21	2,000	3,165	2,500	1,500	148	22,117
2021-Feb-09	2,000	2,365	2,500	1,500	148	21,317
2021-Jan-26	2,000	2,365	1,000	1,500	148	19,817
2021-Jan-18	1,622	2,365	1,000	1,500	148	19,439
2021-Jan-03	1,478	2,365	1,000	1,500	148	19,295
2020-Dec-30	1,478	2,365	1,000	1,500	148	20,595


Laboratory Testing Capacity
capacity
4,000
3,000
2,000
1,000
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA

5.6 Laboratory Data



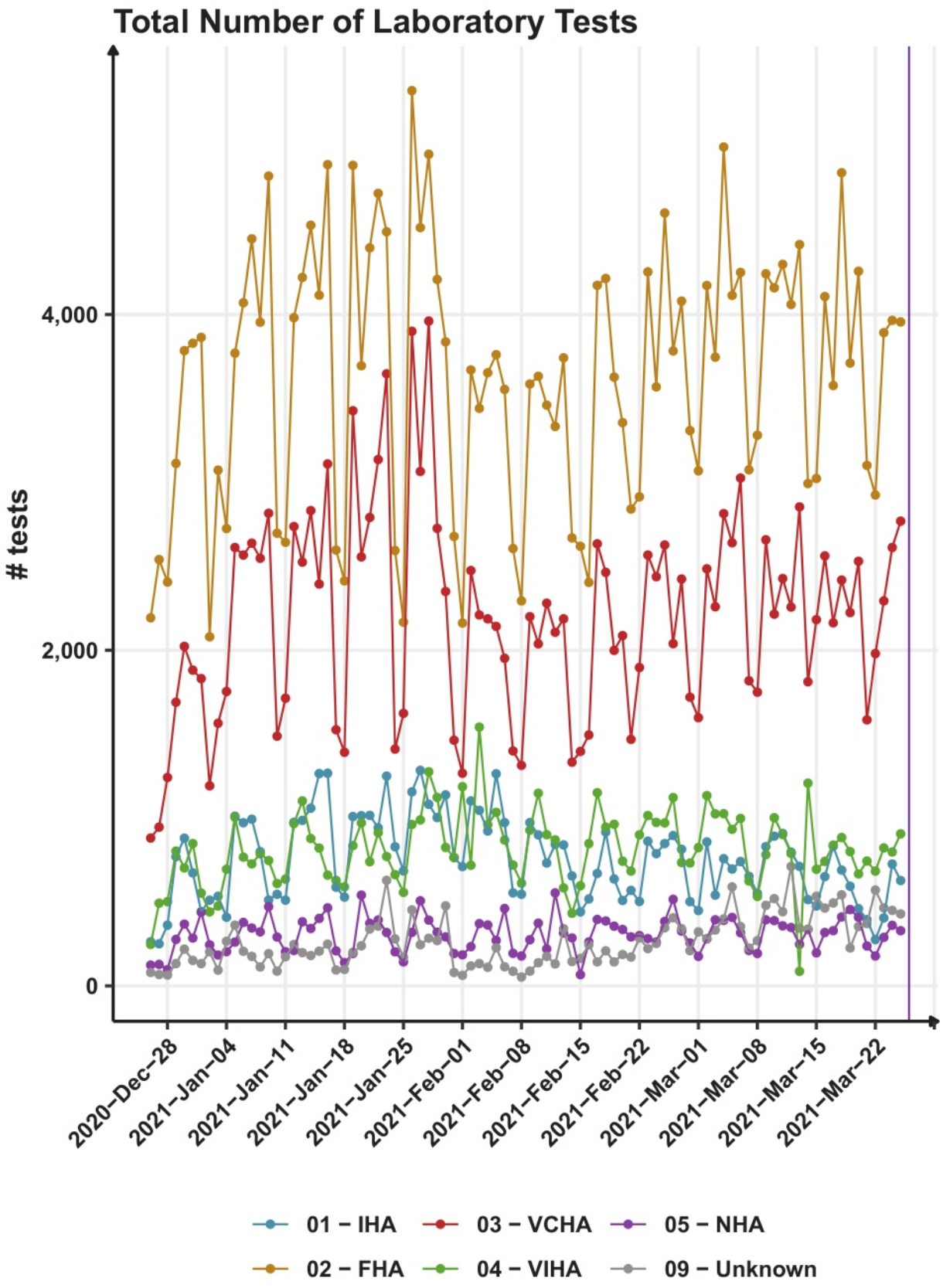

Laboratory Turn Around Time Statistics, BC
Median Turn Around Time
22.5
20.0
17.5
15.0
hours
90th Percentile Turn Around Time
40
30
2020-Dec-28
2021-Jan-04
2021-Jan-11
2021-Jan-18
2021-Jan-25
2021-Feb-01
2021-Feb-08
2021-Feb-15
2021-Feb-22
2021-Mar-01
2021-Mar-08
2021-Mar-15
2021-Mar-22

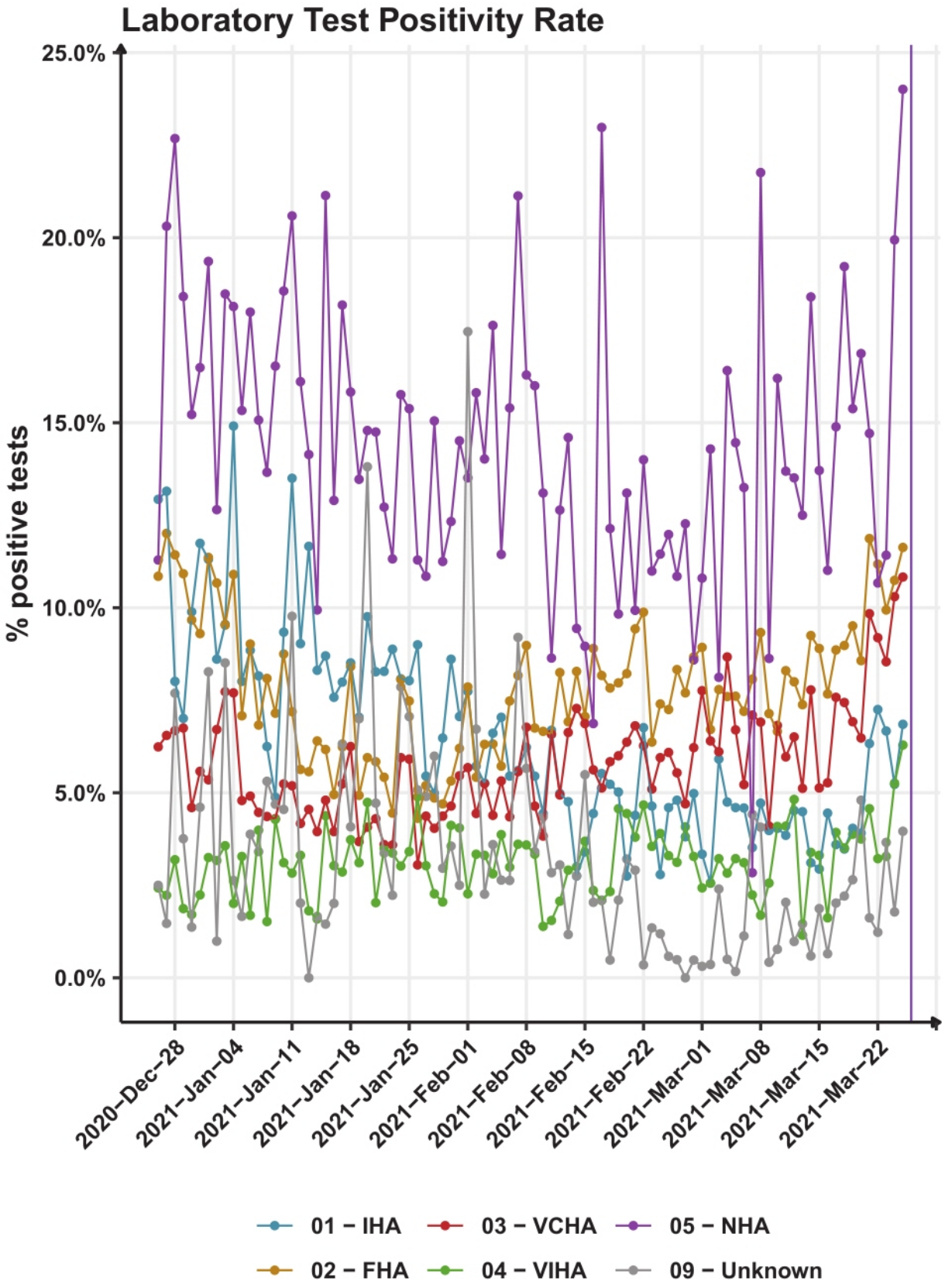
Laboratory Statistics (BC)

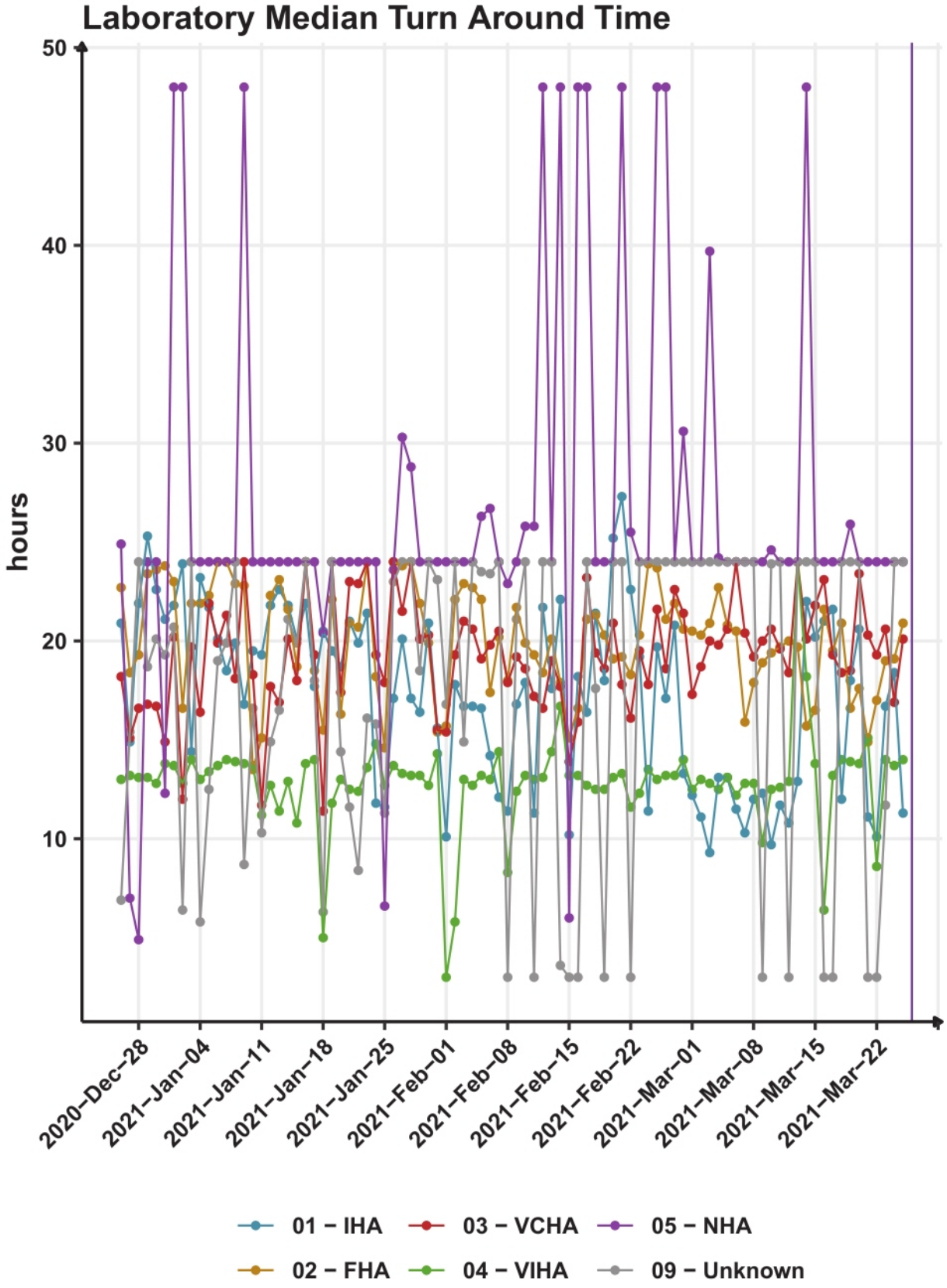
date	% Positive Tests	# Total Tests	Median TAT	90th Perc. TAT
2021-Mar-25	10.6%	9,017	19.8	24.0
2021-Mar-24	9.59%	8,912	17.9	24.0
2021-Mar-23	8.41%	8,167	18.1	24.0
2021-Mar-22	8.72%	6,614	16.2	24.0
2021-Mar-21	9.7%	6,434	15.8	24.0
2021-Mar-20	7.58%	8,678	19.7	24.0
2021-Mar-19	7.97%	8,010	17.2	26.1
2021-Mar-18	7.77%	9,791	19.3	26.4
2021-Mar-17	7.32%	8,235	18.5	25.6
2021-Mar-16	5.98%	8,844	20.9	25.0
2021-Mar-15	6.4%	7,107	18.0	24.9
2021-Mar-14	7.49%	7,201	19.0	37.2
2021-Mar-13	6.25%	8,661	20.9	24.0
2021-Mar-12	6.69%	8,963	17.9	25.8
2021-Mar-11	6.77%	9,336	18.5	24.0
2021-Mar-10	6.23%	9,177	17.2	25.6
2021-Mar-09	5.34%	9,387	17.0	24.0
2021-Mar-08	7.83%	6,578	17.8	24.0
2021-Mar-07	6.51%	6,608	16.8	25.2
2021-Mar-06	5.94%	9,687	20.2	24.6
2021-Mar-05	6.52%	9,381	19.9	25.5

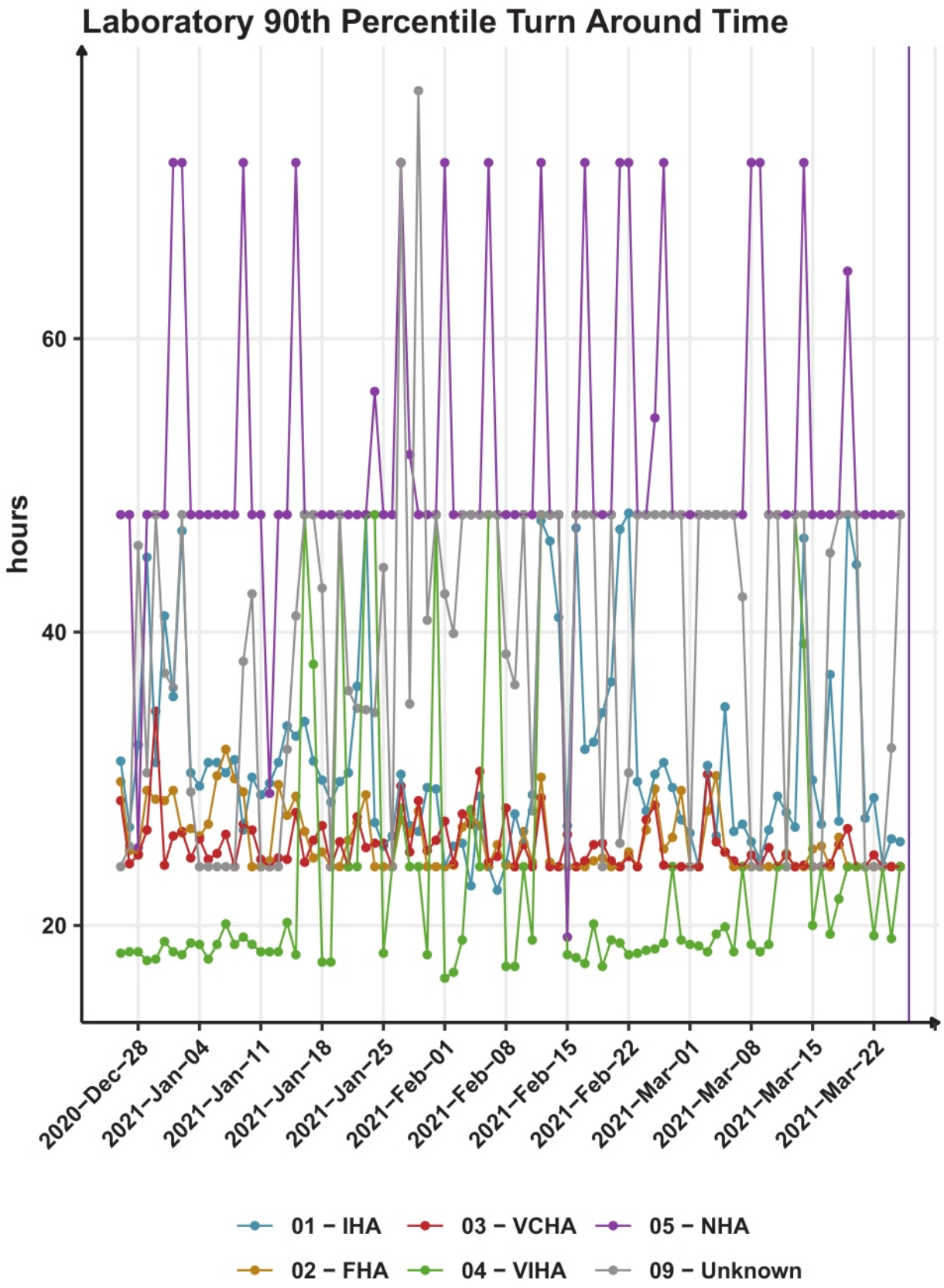
Notes:

- Data source: BCCDC.
- Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.
- Non-positive tests include tests that have returned negative, indeterminate and invalid results.
- New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures.
- Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.
- Note that the number of tests for this section is from BCCDC data (whereas in the "Capacity" section, the data is from the PHSA).
- Outliers (that are obvious data errors) have been removed where applicable.
- The maximum number of total tests was 5,334 on January 26. The minimum number of total tests was 53 on February 08. The average number of total tests was 1,329.

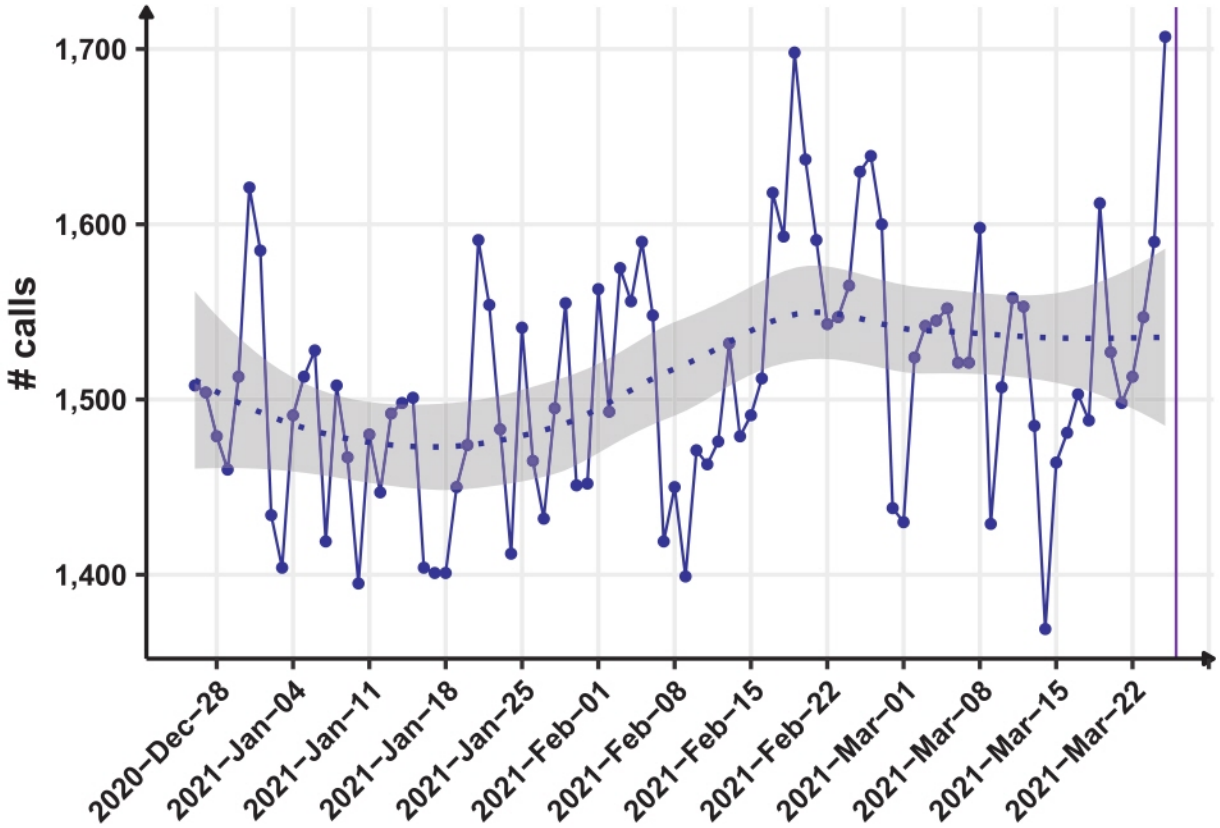

Total Number of Laboratory Tests
tests
4,000
2,000
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
02 − FHA
04 − VIHA
09 − Unknown


Laboratory Test Positivity Rate
% positive tests
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
02 − FHA
04 − VIHA
09 − Unknown


Laboratory Median Turn Around Time
hours
50
40
30
20
10
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
02 − FHA
04 − VIHA
09 − Unknown


Laboratory 90th Percentile Turn Around Time
hours
60
40
20
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
02 − FHA
04 − VIHA
09 − Unknown

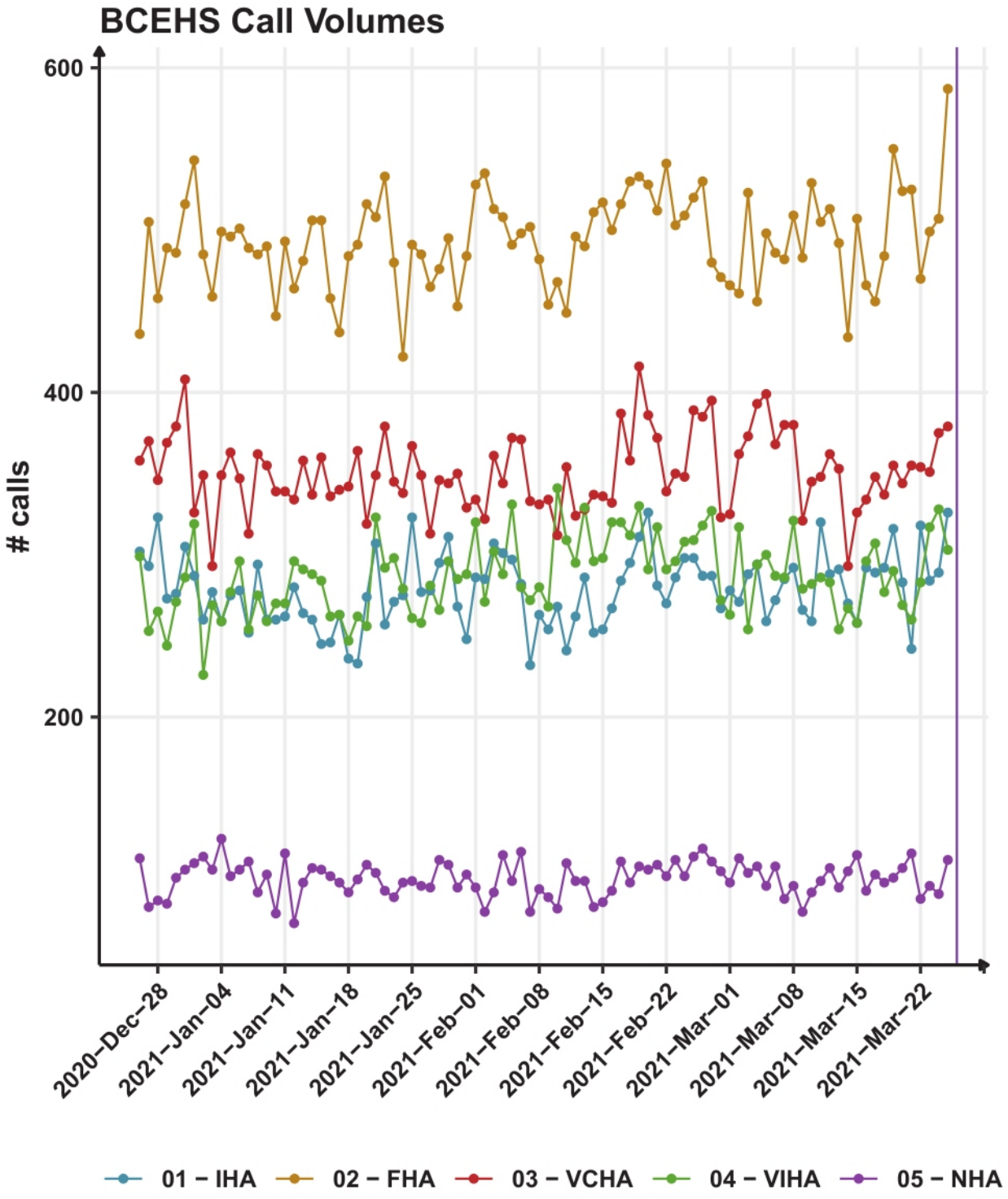
5.7 BC Emergency Health Services Call Volumes



Notes:

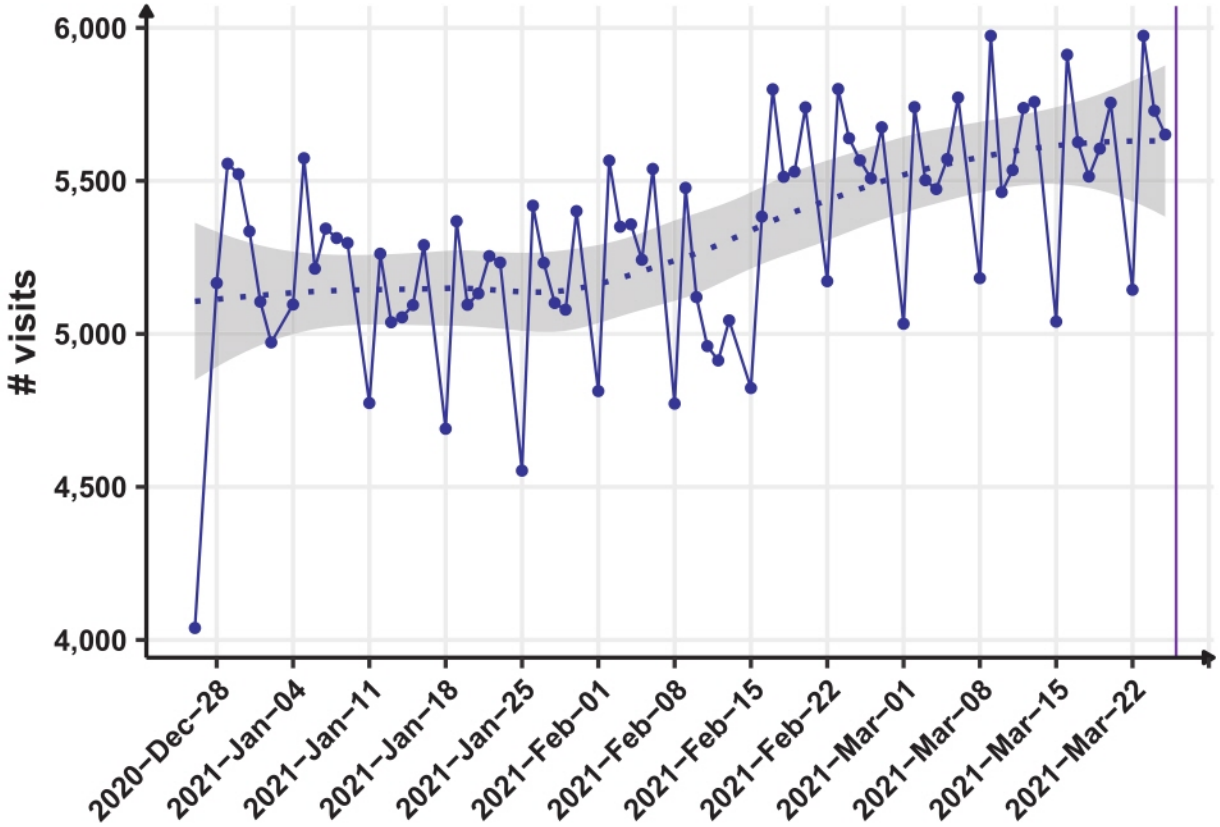
- Data source: PHSA
- The maximum number of calls was 1,707 on March 25. The minimum number of calls was 1,369 on March 14. The average number of calls was 1,511.

date	IHA	FHA	VCHA	VIHA	NHA	BC
2021-Mar-25	326	587	379	303	112	1,707
2021-Mar-24	289	507	375	328	91	1,590
2021-Mar-23	284	499	351	317	96	1,547
2021-Mar-22	318	470	354	283	88	1,513
2021-Mar-21	242	525	355	260	116	1,498
2021-Mar-20	283	524	344	269	107	1,527
2021-Mar-19	316	550	355	290	101	1,612
2021-Mar-18	292	484	337	277	98	1,488
2021-Mar-17	289	456	348	307	103	1,503
2021-Mar-16	292	466	334	296	93	1,481
2021-Mar-15	258	507	326	258	115	1,464
2021-Mar-14	270	434	293	267	105	1,369
2021-Mar-13	291	492	353	254	95	1,485
2021-Mar-12	288	513	362	283	107	1,553
2021-Mar-11	320	505	348	286	99	1,558
2021-Mar-10	259	529	345	282	92	1,507
2021-Mar-09	266	483	321	279	80	1,429
2021-Mar-08	292	509	380	321	96	1,598
2021-Mar-07	285	482	380	286	88	1,521
2021-Mar-06	272	486	368	287	108	1,521
2021-Mar-05	259	498	399	300	96	1,552


BCEHS Call Volumes
600
400
200
calls
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA

6 Active Care Stage

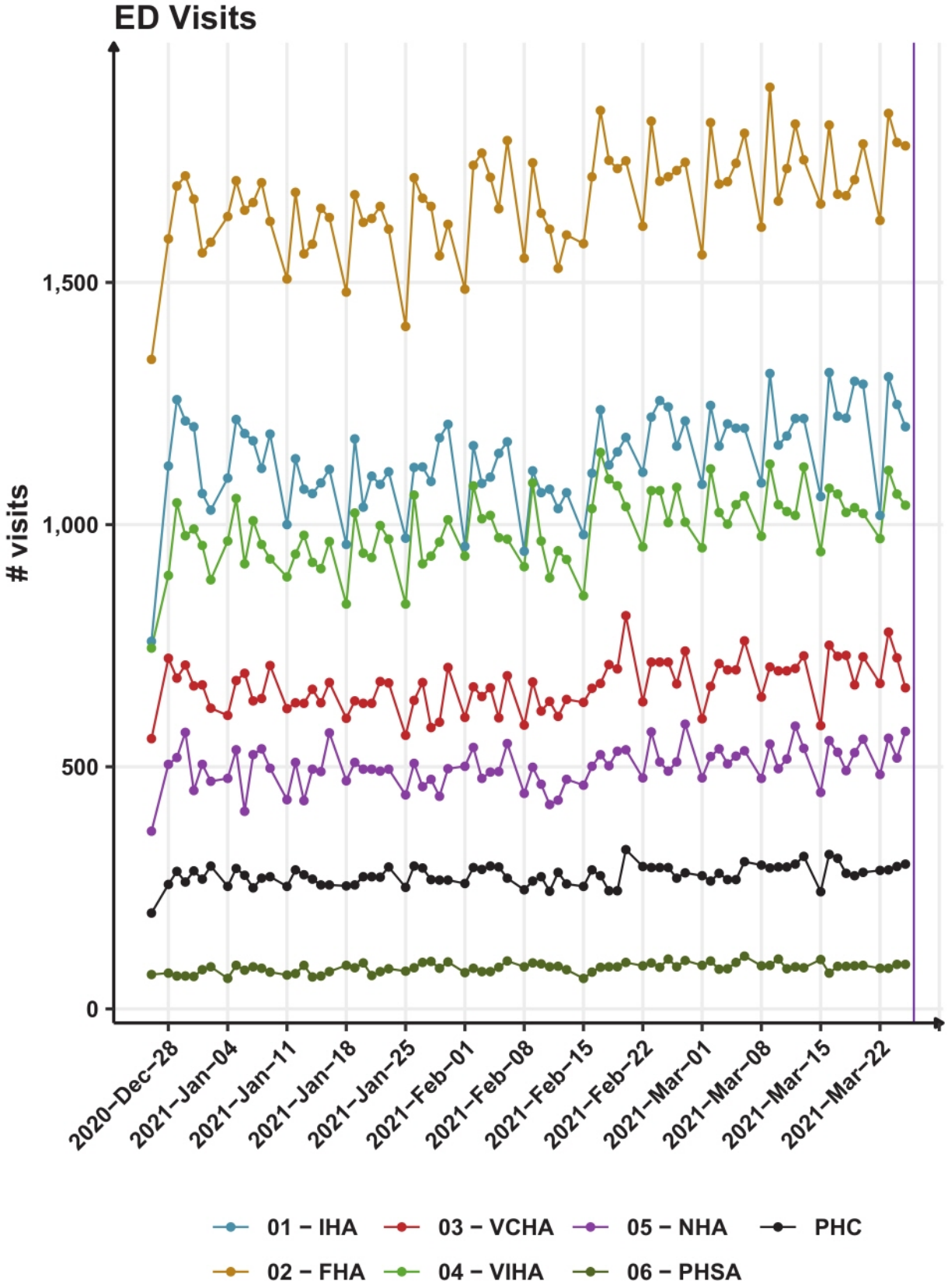
6.1 ED Visits



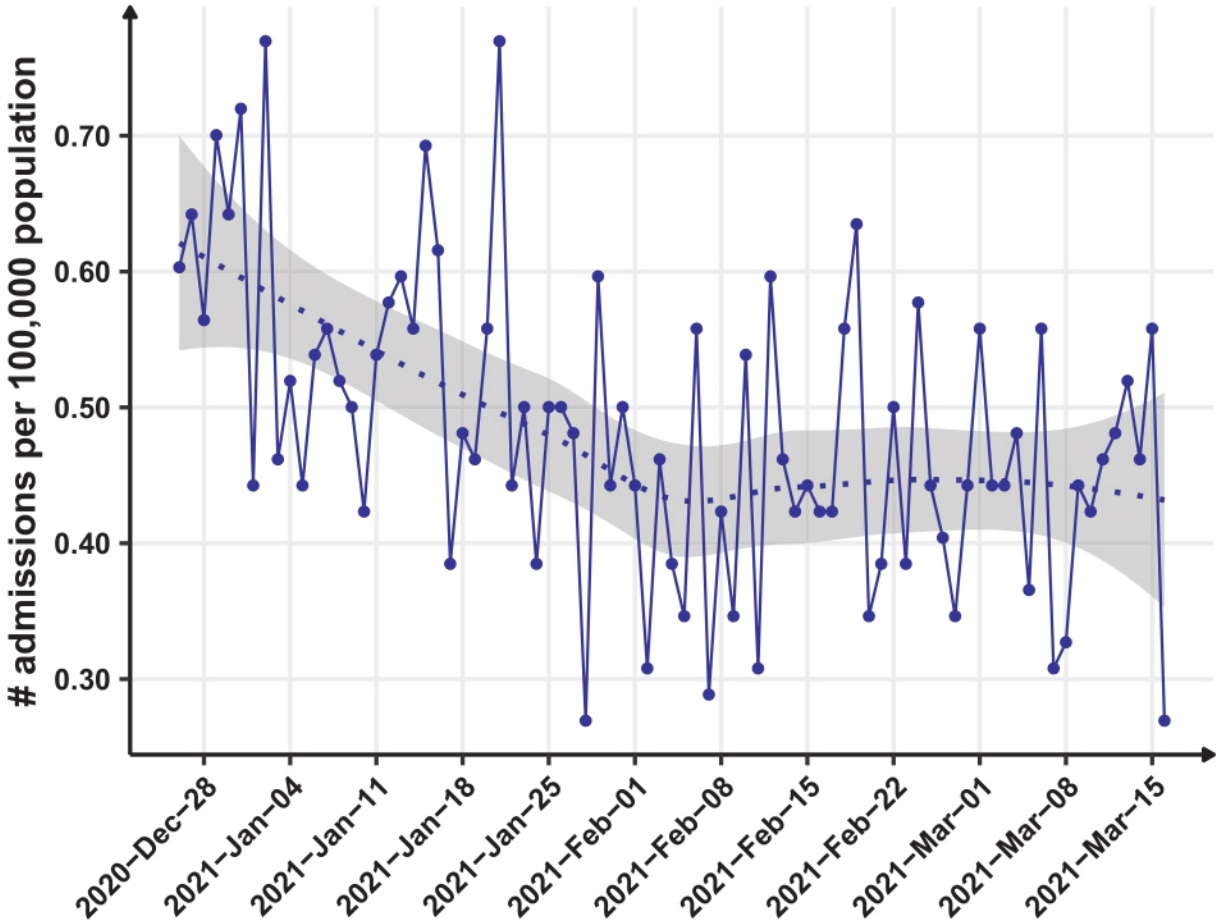
Notes:

- Data source: BCCDC
- The maximum number of visits was 5,974 on NA. The minimum number of visits was 4,039 on December 26. The average number of visits was 5,332.

date	IHA	FHA	VCHA	VIHA	NHA	PHSA	PHC	BC
2021-Mar-25	1,202	1,782	663	1,040	573	92	299	5,651
2021-Mar-24	1,248	1,789	725	1,063	518	92	294	5,729
2021-Mar-23	1,305	1,849	778	1,112	559	84	287	5,974
2021-Mar-22	1,019	1,628	672	971	484	84	286	5,144
2021-Mar-20	1,290	1,786	727	1,023	557	90	282	5,755
2021-Mar-19	1,296	1,712	669	1,035	529	89	275	5,605
2021-Mar-18	1,220	1,679	730	1,025	492	88	280	5,514
2021-Mar-17	1,224	1,682	728	1,063	530	88	311	5,626
2021-Mar-16	1,314	1,825	751	1,075	554	74	319	5,912
2021-Mar-15	1,058	1,662	585	944	447	102	242	5,040
2021-Mar-13	1,219	1,753	729	1,119	538	85	315	5,758
2021-Mar-12	1,219	1,827	703	1,019	584	87	299	5,738
2021-Mar-11	1,183	1,735	698	1,027	516	83	293	5,535
2021-Mar-10	1,164	1,668	698	1,041	496	103	293	5,463
2021-Mar-09	1,312	1,903	706	1,125	547	90	291	5,974
2021-Mar-08	1,086	1,614	644	976	476	89	297	5,182
2021-Mar-06	1,199	1,808	760	1,059	533	109	304	5,772
2021-Mar-05	1,199	1,746	700	1,041	522	96	267	5,571


ED Visits
visits
1,500
1,000
500
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
PHC
02 − FHA
04 − VIHA
06 − PHSA

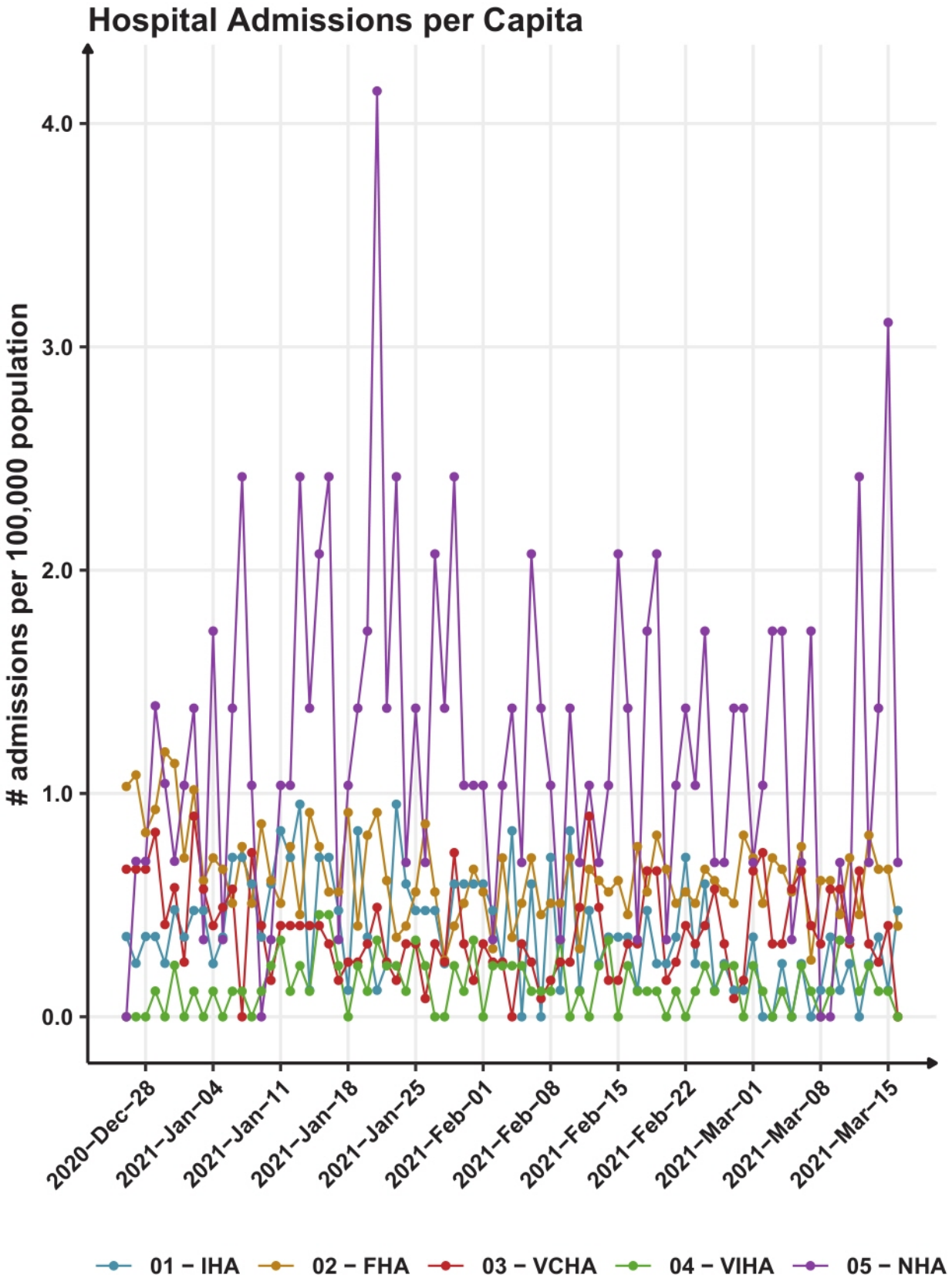
6.2 Hospital Admissions per Capita



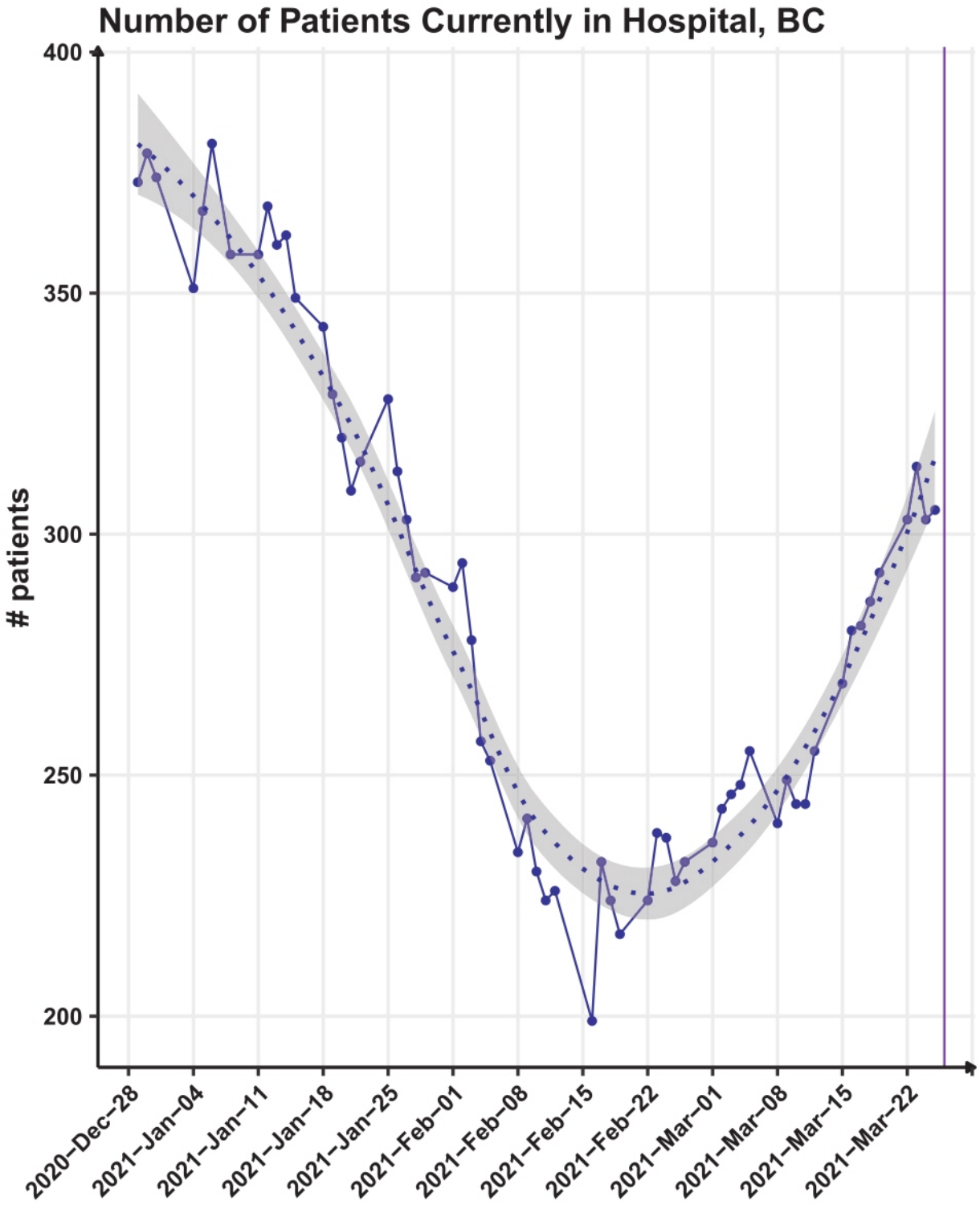
Notes:

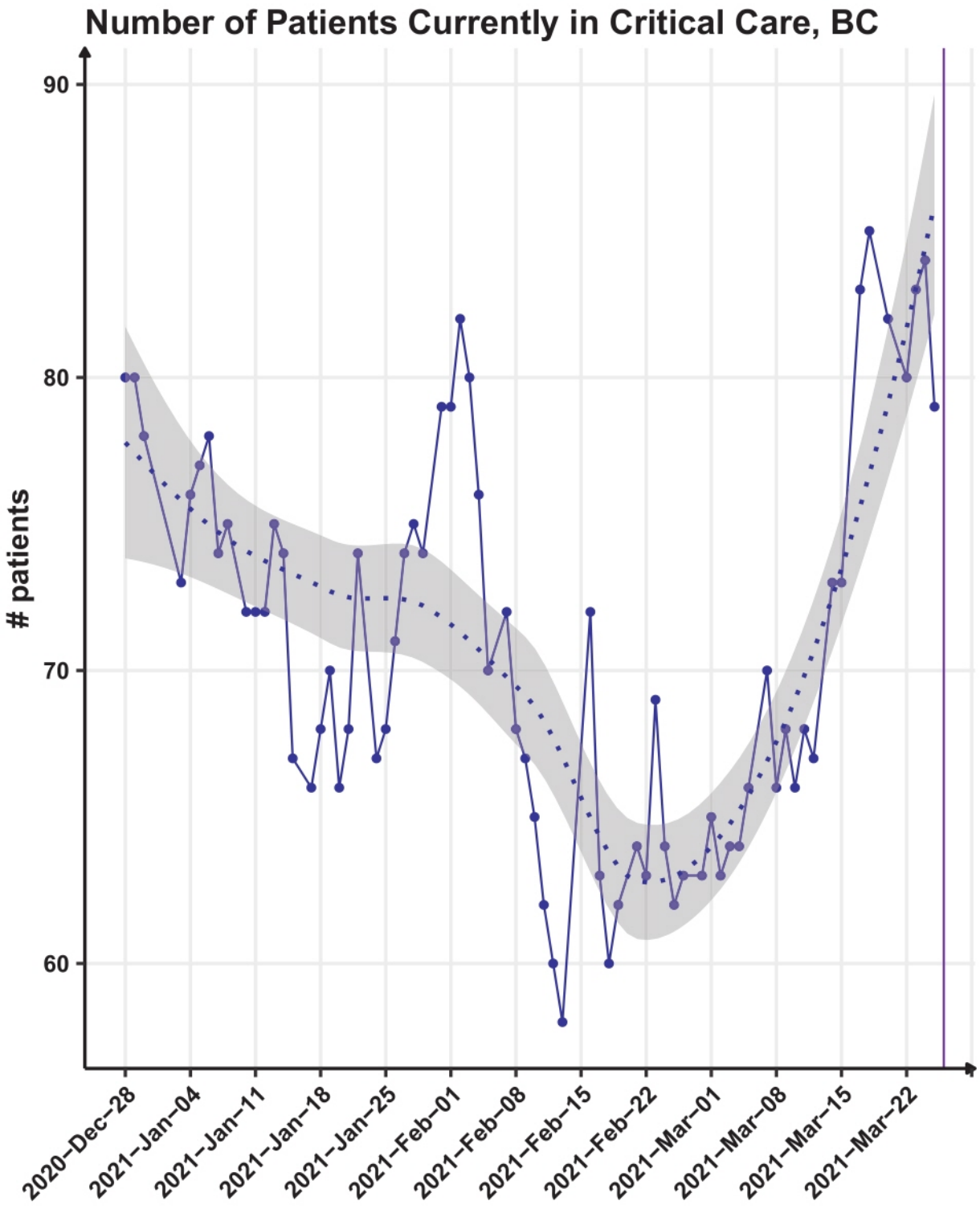
- Hospital admissions per capita are defined per 100,000 population.
- The BC total includes out of country.
- The maximum value for hospital admissions per capita was 0.9 on December 15. The minimum value for hospital admissions per capita was 0.02 on September 15. The average value for hospital admissions per capita was 0.44.

date	IHA	FHA	VCHA	VIHA	NHA	BC
2021-Mar-16	0.48	0.41	0.00	0.00	0.69	0.27
2021-Mar-15	0.12	0.66	0.41	0.11	3.11	0.56
2021-Mar-14	0.36	0.66	0.24	0.11	1.38	0.46
2021-Mar-13	0.24	0.81	0.33	0.23	0.69	0.52
2021-Mar-12	0.00	0.46	0.65	0.11	2.42	0.48
2021-Mar-11	0.24	0.71	0.33	0.34	0.35	0.46
2021-Mar-10	0.12	0.46	0.57	0.34	0.69	0.42
2021-Mar-09	0.36	0.61	0.57	0.11	0.00	0.44
2021-Mar-08	0.12	0.61	0.33	0.00	0.00	0.33
2021-Mar-07	0.00	0.25	0.41	0.11	1.73	0.31
2021-Mar-06	0.24	0.76	0.65	0.23	0.69	0.56
2021-Mar-05	0.00	0.56	0.57	0.00	0.35	0.37


Hospital Admissions per Capita
admissions per 100,000 population
4.0
3.0
2.0
1.0
0.0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA

6.3 Hospitalizations and Critical Care

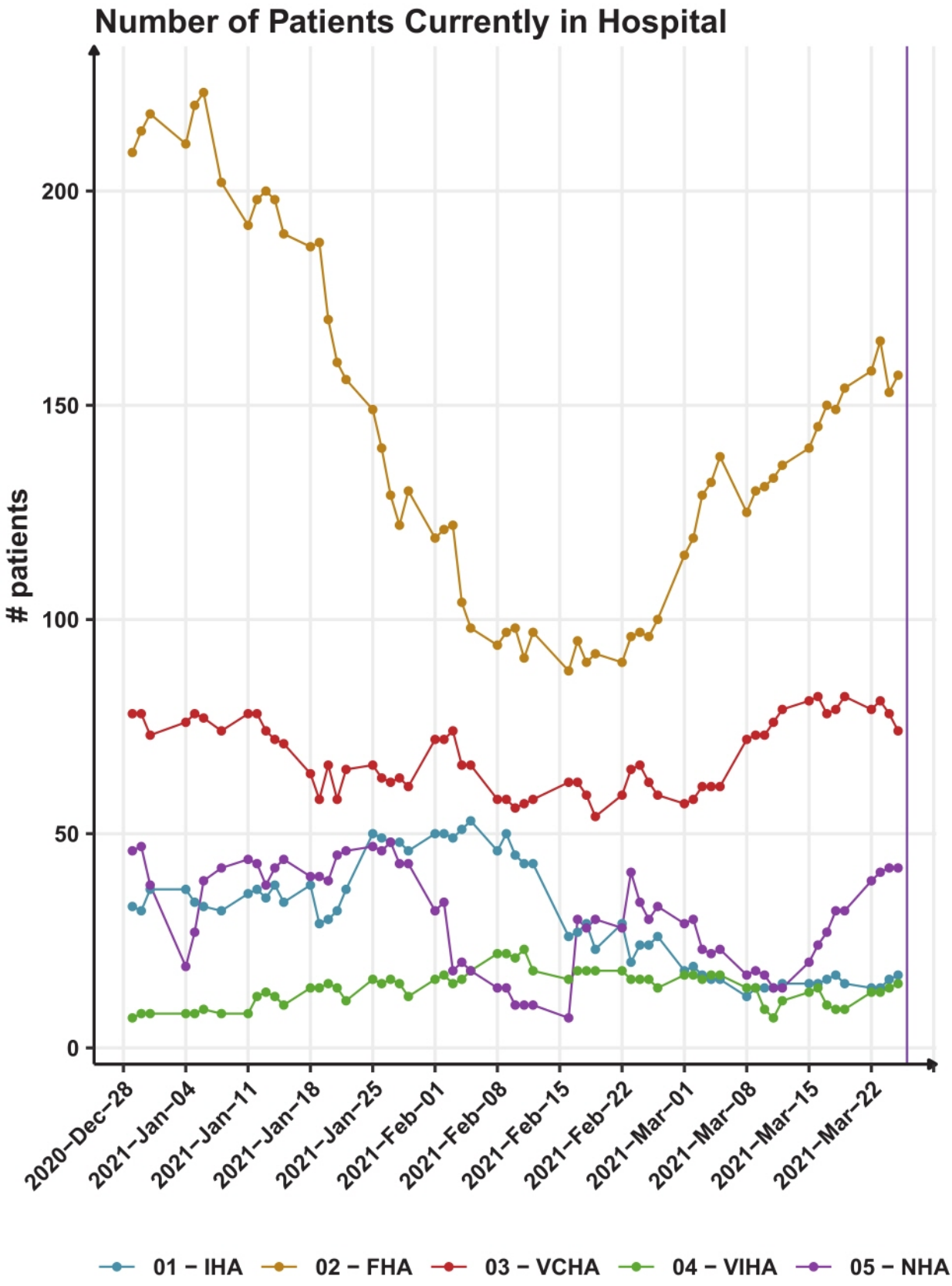


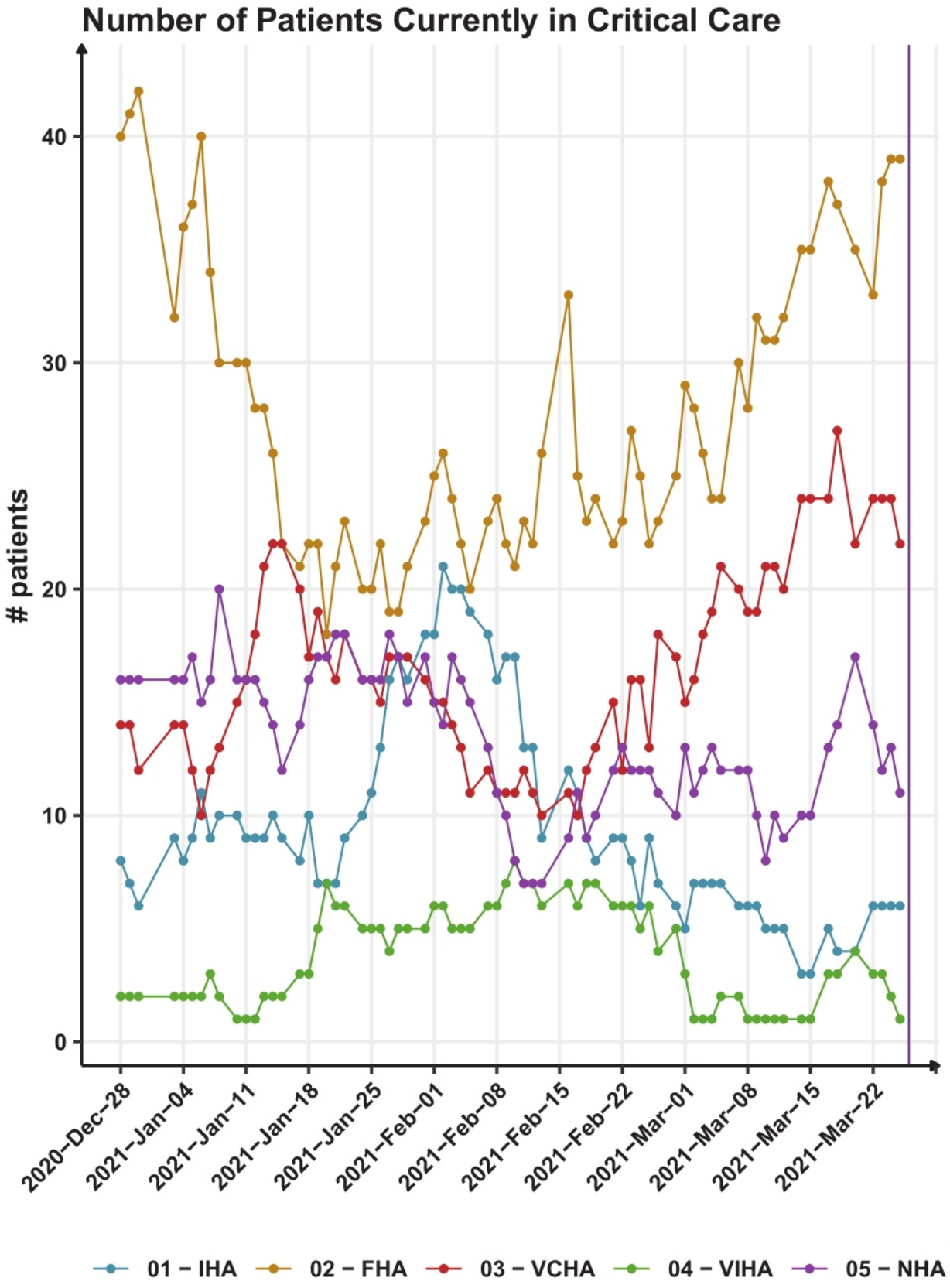

Number of Patients Currently in Critical Care, BC
patients
90
80
70
60
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22

	date	IHA	FHA	VCHA	VIHA	NHA	BC
Currently in Hospital	2021-Mar-25	17	157	74	15	42	306
	2021-Mar-24	16	153	78	14	42	303
	2021-Mar-23	14	165	81	13	41	314
	2021-Mar-22	14	158	79	13	39	303
	2021-Mar-19	15	154	82	9	32	292
	2021-Mar-18	17	149	79	9	32	286
	2021-Mar-17	16	150	78	10	27	281
	2021-Mar-16	15	145	82	14	24	280
	2021-Mar-15	15	140	81	13	20	269
	2021-Mar-12	15	136	79	11	14	255
	2021-Mar-11	14	133	76	7	14	244
	2021-Mar-10	14	131	73	9	17	244
	2021-Mar-09	14	130	73	14	18	249
	2021-Mar-08	12	125	72	14	17	240
	2021-Mar-05	16	138	61	17	23	255
Currently in Critical Care	2021-Mar-25	6	39	22	1	11	79
	2021-Mar-24	6	39	24	2	13	84
	2021-Mar-23	6	38	24	3	12	83
	2021-Mar-22	6	33	24	3	14	80
	2021-Mar-20	4	35	22	4	17	82
	2021-Mar-18	4	37	27	3	14	85
	2021-Mar-17	5	38	24	3	13	83
	2021-Mar-15	3	35	24	1	10	73
	2021-Mar-14	3	35	24	1	10	73
	2021-Mar-12	5	32	20	1	9	67
	2021-Mar-11	5	31	21	1	10	68
	2021-Mar-10	5	31	21	1	8	66
	2021-Mar-09	6	32	19	1	10	68
	2021-Mar-08	6	28	19	1	12	66
	2021-Mar-07	6	30	20	2	12	70
	2021-Mar-05	7	24	21	2	12	66

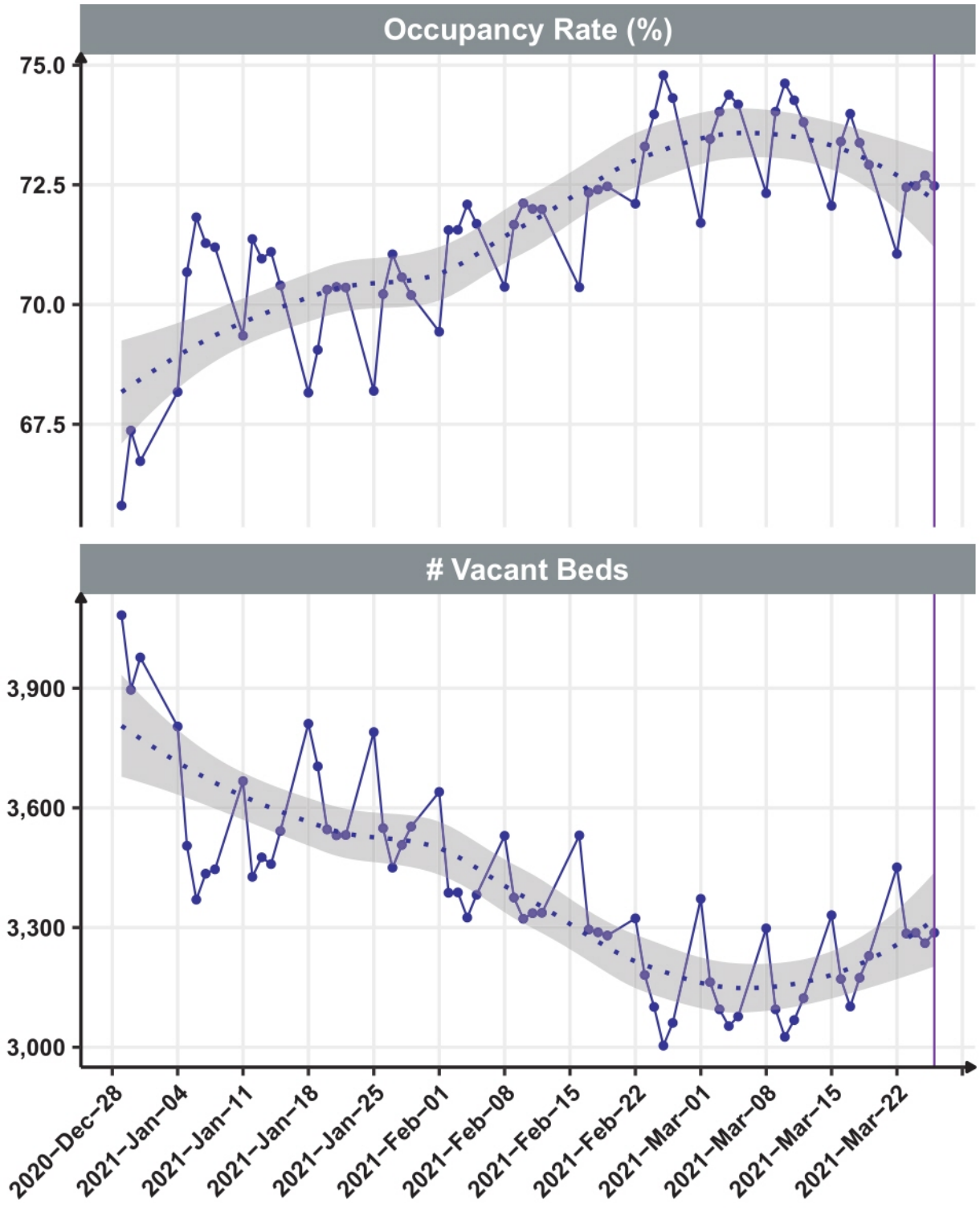
Notes:

- Data source: BCCDC.
- The maximum number of patients currently in critical care was 85 on March 18. The minimum number of patients currently in critical care was 58 on February 13. The average number of patients currently in critical care was 71.
- The maximum number of patients currently in hospital was 381 on January 06. The minimum number of patients currently in hospital was 199 on February 16. The average number of patients currently in hospital was 286.


Number of Patients Currently in Hospital
patients
200
150
100
50
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA


Number of Patients Currently in Critical Care
patients
40
30
20
10
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA

6.4 Hospital Bed Occupancy Rates

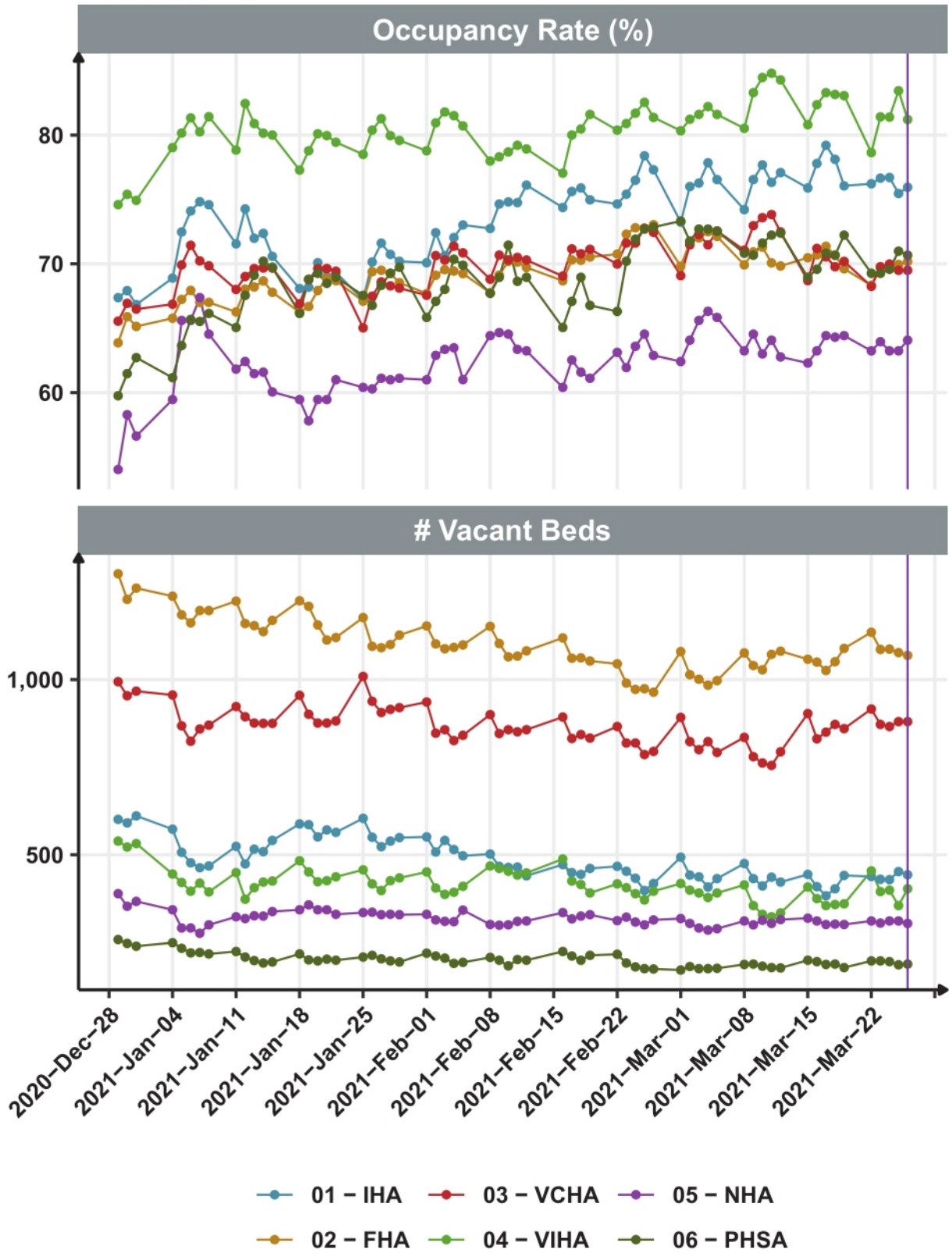


	date	IHA	FHA	VCHA	VIHA	NHA	PHSA	BC
Occupancy Rate (%)	2021-Mar-26	76	70.2	69.5	81.2	64.1	70.7	72.5
	2021-Mar-25	75.5	69.9	69.5	83.4	63.2	71	72.7
	2021-Mar-24	76.7	69.7	70	81.4	63.2	69.6	72.5
	2021-Mar-23	76.7	69.7	69.8	81.4	63.9	69.3	72.5
	2021-Mar-22	76.2	68.3	68.2	78.6	63.2	69.3	71.1
	2021-Mar-19	76.1	69.6	70.2	83.1	64.4	72.2	72.9
	2021-Mar-18	78.1	70.7	69.8	83.2	64.3	70.7	73.4
	2021-Mar-17	79.2	71.4	70.5	83.3	64.4	70.8	74
	2021-Mar-16	77.8	70.7	71.2	82.4	63.2	69.6	73.4
	2021-Mar-15	75.9	70.5	68.7	80.8	62.3	69	72.1
	2021-Mar-12	77.1	69.8	72.5	84.3	62.8	72.4	73.8
	2021-Mar-11	76.3	70.1	73.8	84.8	64.1	72.2	74.3
	2021-Mar-10	77.7	71.3	73.6	84.5	63	71.6	74.6
	2021-Mar-09	76.5	70.9	73	83.3	64.5	70.7	74
	2021-Mar-08	74.2	69.9	71.1	80.5	63.2	70.8	72.3
	2021-Mar-05	76.5	72.1	72.5	81.6	65.8	72.5	74.2
# Vacant Beds	2021-Mar-26	443	1,069	880	403	304	188	3,287
	2021-Mar-25	452	1,077	880	355	311	186	3,261
	2021-Mar-24	429	1,087	866	399	311	195	3,287
	2021-Mar-23	430	1,086	872	395	305	197	3,285
	2021-Mar-22	438	1,135	916	454	311	197	3,451
	2021-Mar-19	441	1,089	860	360	301	178	3,229
	2021-Mar-18	403	1,051	872	358	302	188	3,174
	2021-Mar-17	383	1,026	850	355	301	187	3,102
	2021-Mar-16	409	1,050	831	375	311	195	3,171
	2021-Mar-15	444	1,058	903	408	319	199	3,331
	2021-Mar-12	422	1,081	794	334	315	177	3,123
	2021-Mar-11	436	1,072	755	323	304	178	3,068
	2021-Mar-10	411	1,028	762	330	313	182	3,026
	2021-Mar-09	432	1,040	780	355	300	188	3,095
	2021-Mar-08	475	1,076	835	414	311	187	3,298
	2021-Mar-05	432	997	792	391	289	176	3,077

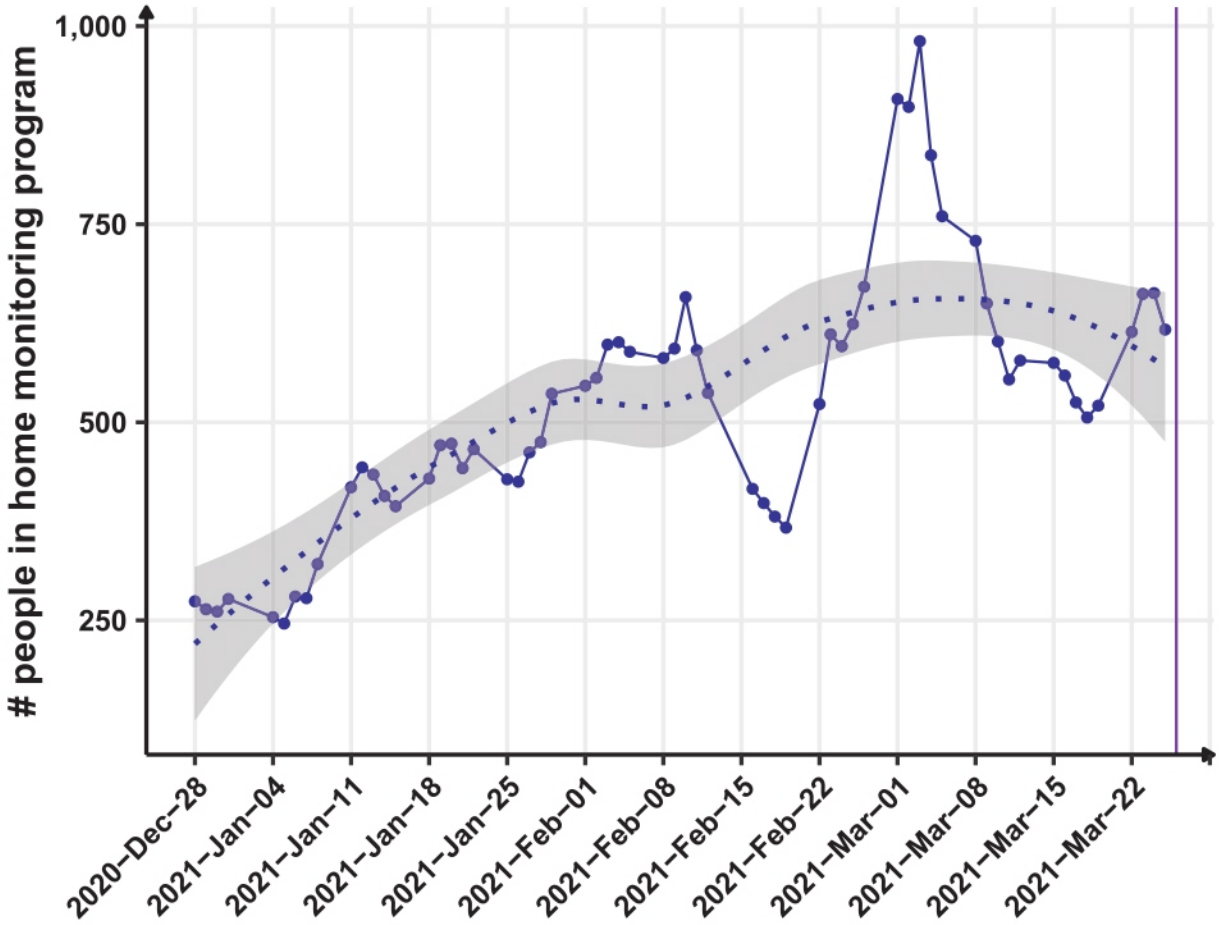
Notes:

- Data source: PHSA.
- Both the Occupancy Rate and the Number of Vacant Beds include Base + Surge Beds.
- The maximum occupancy rate was 75% on February 25. The minimum occupancy rate was 66% on December 29. The average occupancy rate was 72%.
- The maximum number of vacant beds was 4,083 on December 29. The minimum number of vacant beds was 3,004 on February 25. The average number of vacant beds was 3,389.

Occupancy

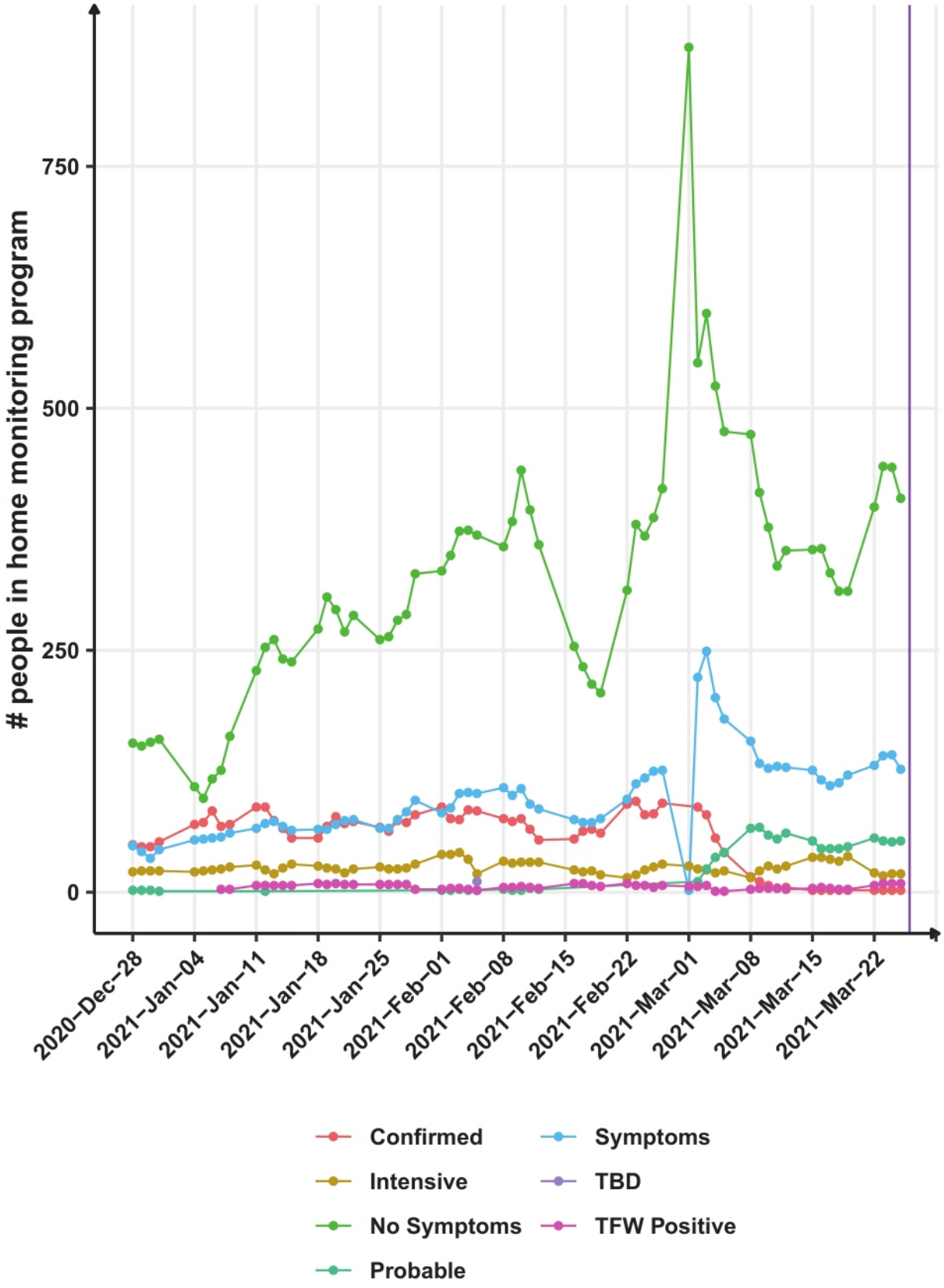

Occupancy Rate (%)
80
70
60
Vacant Beds
1,000
500
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
01 − IHA
03 − VCHA
05 − NHA
02 − FHA
04 − VIHA
06 − PHSA

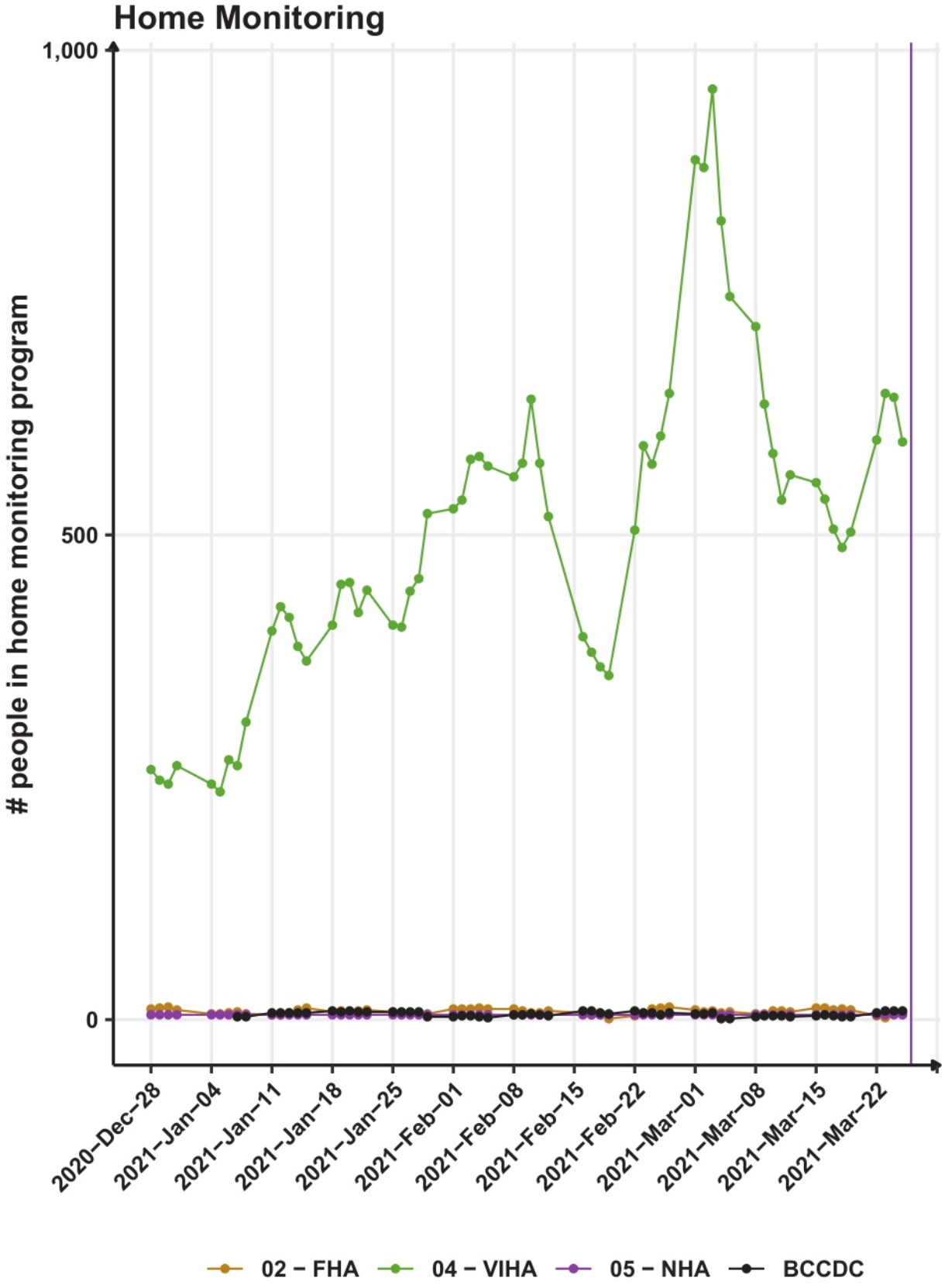
6.5 Home Monitoring



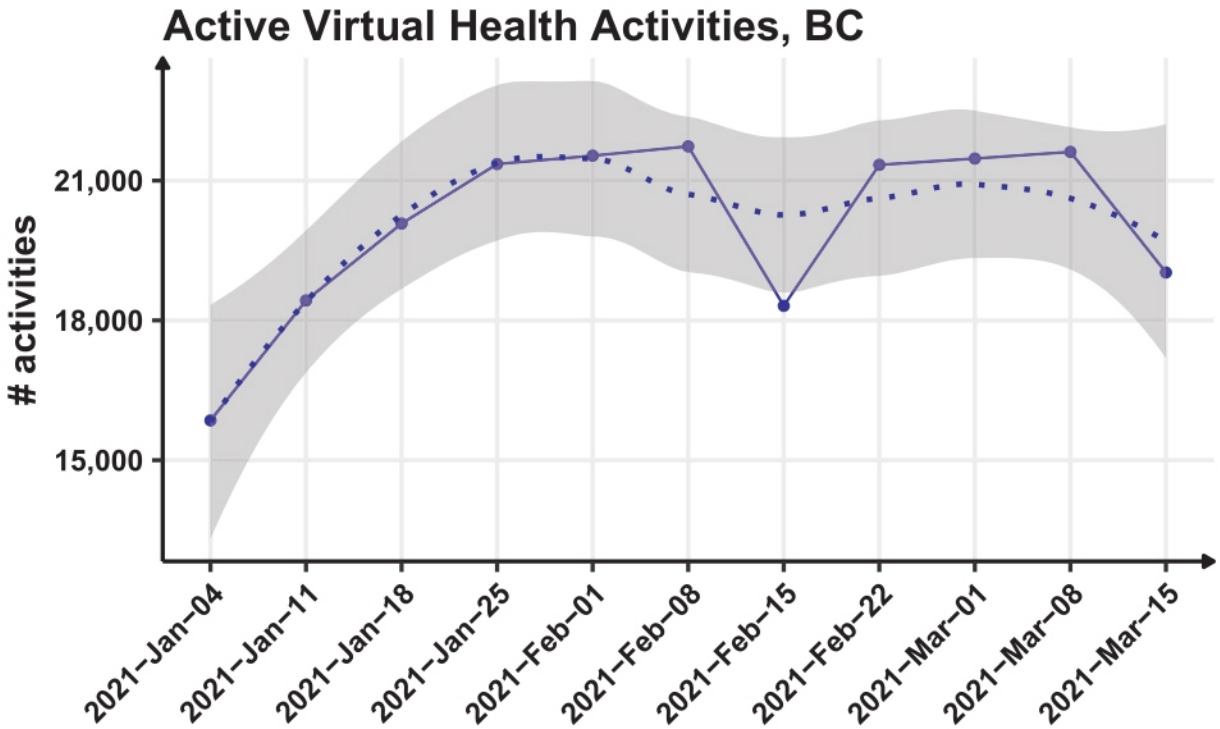
Notes:

- Data source: Telus.
- BC Totals might not equal the sum of the HA values due to data with unclassified HA.
- Patients classified as "discharged" have been omitted from the data. Rows identified as facilities are also omitted.
- Note that VCHA abandoned the program in October.
- The maximum number of people monitoring from home was 981 on March 03. The minimum number of people monitoring from home was 246 on January 05. The average number of active virtual health activities was 522.


people in home monitoring program
750
500
250
0
2020-Dec-28
2021-Jan-04
2021-Jan-11
2021-Jan-18
2021-Jan-25
2021-Feb-01
2021-Feb-08
2021-Feb-15
2021-Feb-22
2021-Mar-01
2021-Mar-08
2021-Mar-15
2021-Mar-22
Confirmed
Symptoms
Intensive
TBD
No Symptoms
TFW Positive
Probable


Home Monitoring
1,000
500
0
people in home monitoring program
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
02 − FHA
04 − VIHA
05 − NHA
BCCDC

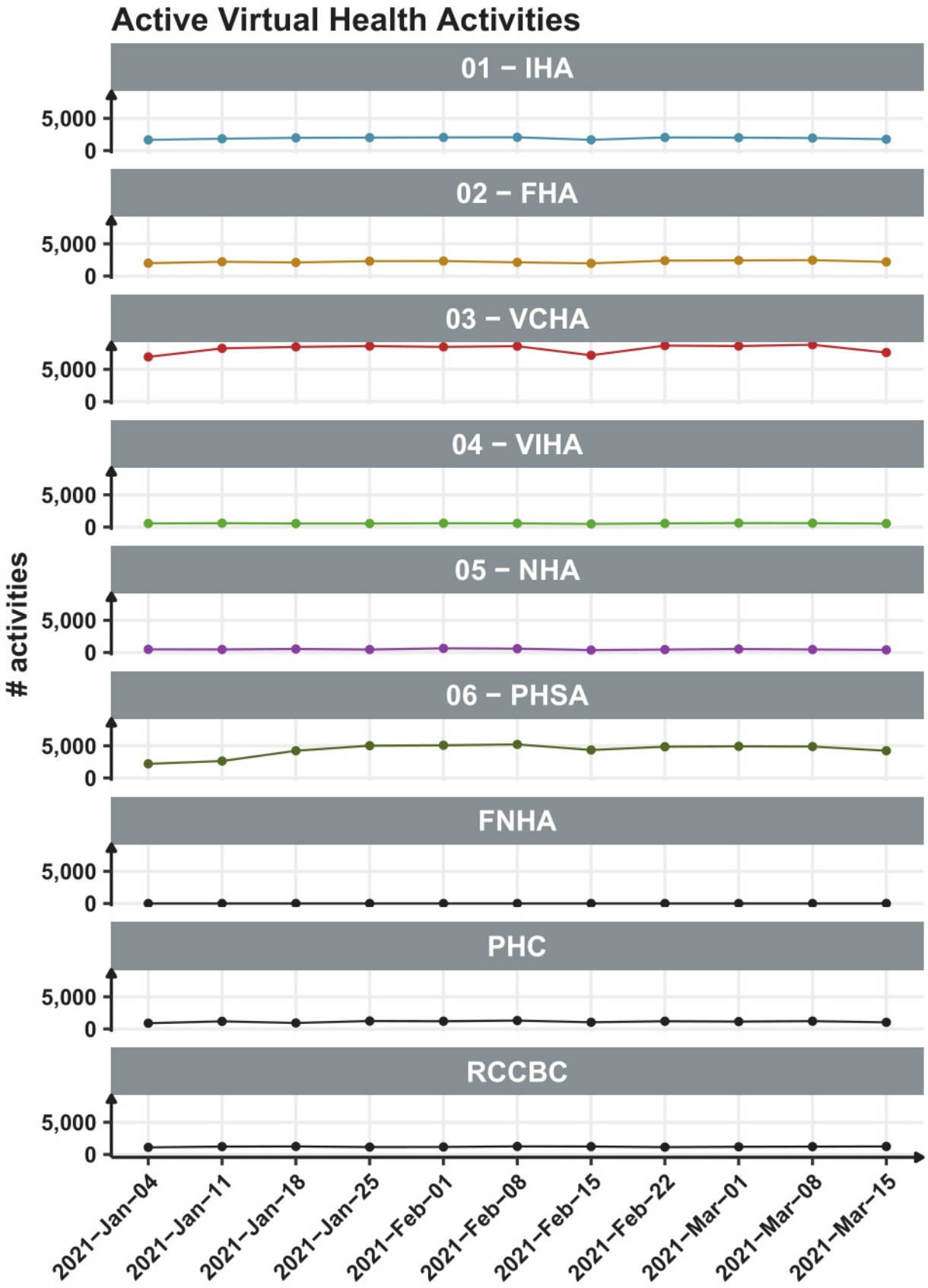
6.6 Active Virtual Health



date	IHA	FHA	VCHA	VIHA	NHA	PHSA	FNHA	PHC	RCCBC	BC
2021-Mar-15	1,760	2,196	7,610	538	409	4,230	0	1,037	1,248	19,028
2021-Mar-08	1,941	2,468	8,817	597	470	4,885	0	1,217	1,221	21,616
2021-Mar-01	2,007	2,430	8,620	615	541	4,914	0	1,153	1,193	21,473
2021-Feb-22	2,036	2,388	8,683	568	460	4,859	0	1,202	1,142	21,338
2021-Feb-15	1,669	1,970	7,182	485	384	4,349	0	1,042	1,231	18,312
2021-Feb-08	2,056	2,132	8,597	571	597	5,215	0	1,311	1,256	21,735
2021-Feb-01	2,036	2,327	8,484	589	645	5,083	0	1,201	1,169	21,534
2021-Jan-25	2,011	2,312	8,612	544	466	5,022	0	1,237	1,151	21,355
2021-Jan-18	1,970	2,112	8,486	548	545	4,233	0	934	1,249	20,077
2021-Jan-11	1,838	2,221	8,255	598	475	2,633	0	1,184	1,223	18,427
2021-Jan-04	1,660	1,999	6,932	559	492	2,206	0	897	1,108	15,853

Notes:

- Data source: PHSA.
- The data includes activities classified as Zoom, InTouch, ThinkResearch, Video Conferencing, and PEXIP. The data are reported in weekly intervals. The values reported in the graphs and tables above are given on the start date for the week. (For example, if the date interval given is "Oct 26-Nov 1, 2020" the value will be reported for Oct 26.)
- The maximum number of active virtual health activities was 21,735 on February 08. The mininum number of active virtual health activities was 15,853 on January 04. The average number of active virtual health activities was 20,068.


Active Virtual Health Activities
01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
06 – PHSA
FNHA
PHC
RCCBC
activities
5,000
0
2021–Jan–04
2021–Jan–11
2021–Jan–18
2021–Jan–25
2021–Feb–01
2021–Feb–08
2021–Feb–15
2021–Feb–22
2021–Mar–01
2021–Mar–08
2021–Mar–15

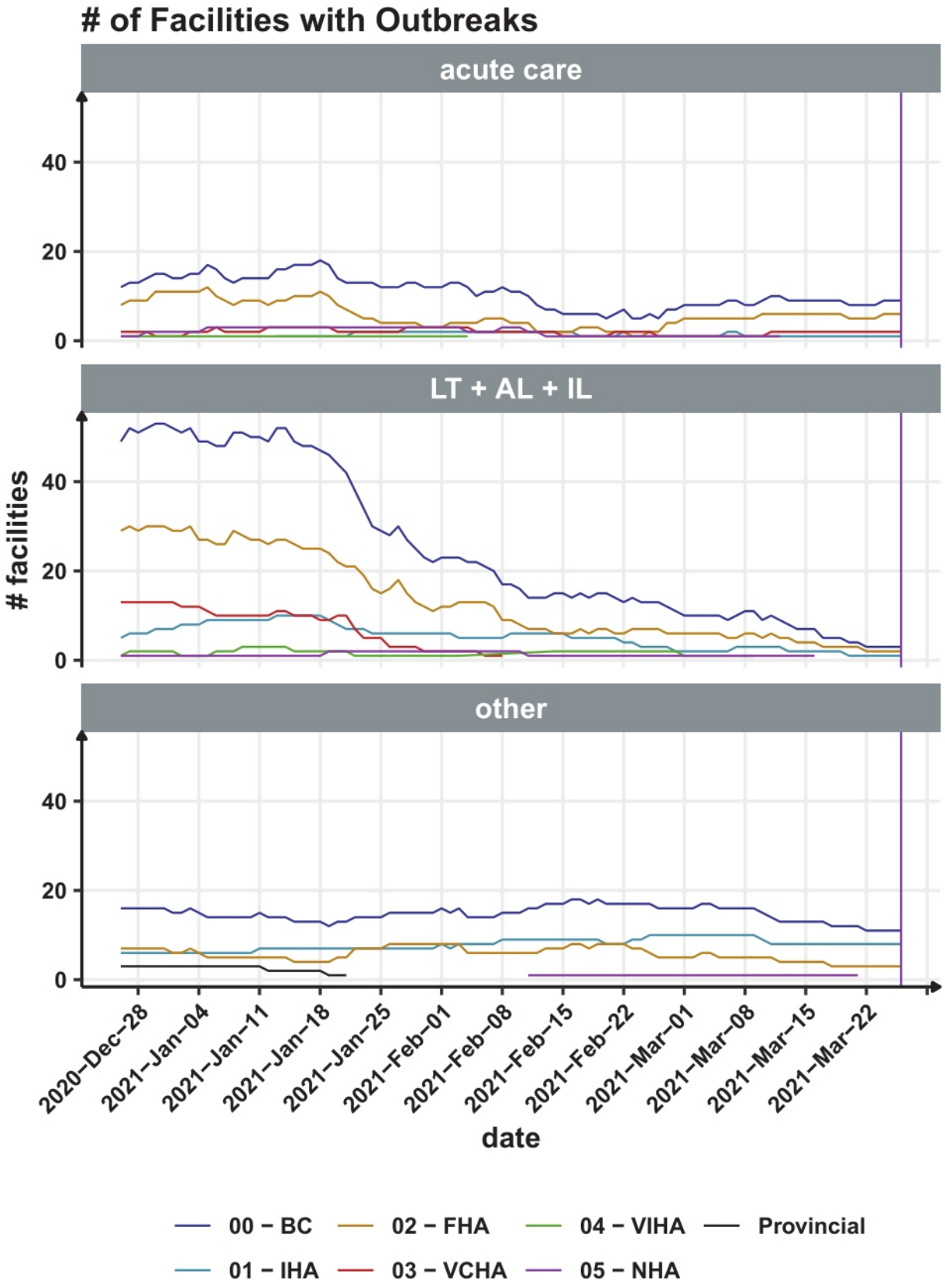
6.7 Outbreaks

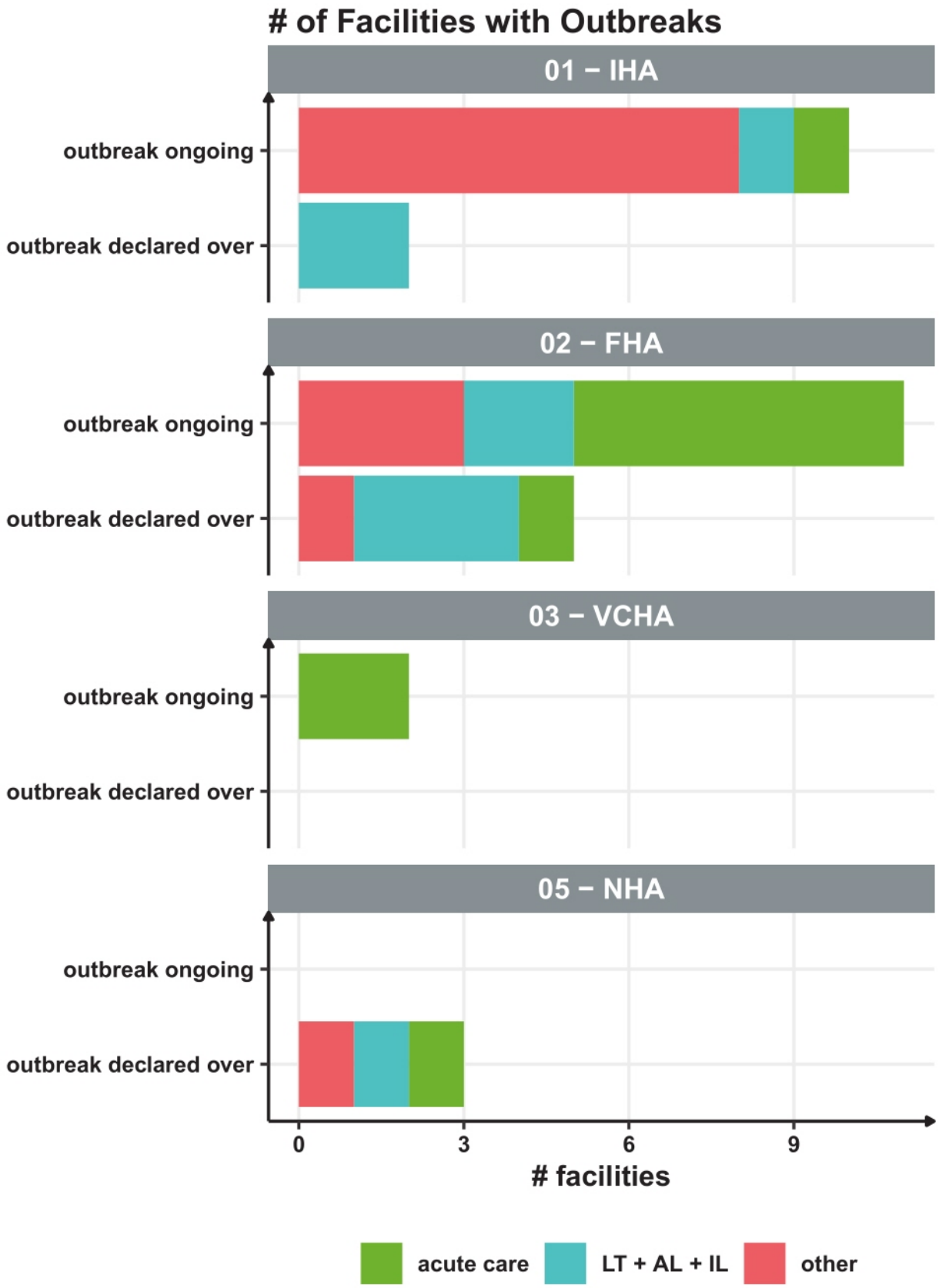
Number of Facilities with Outbreaks

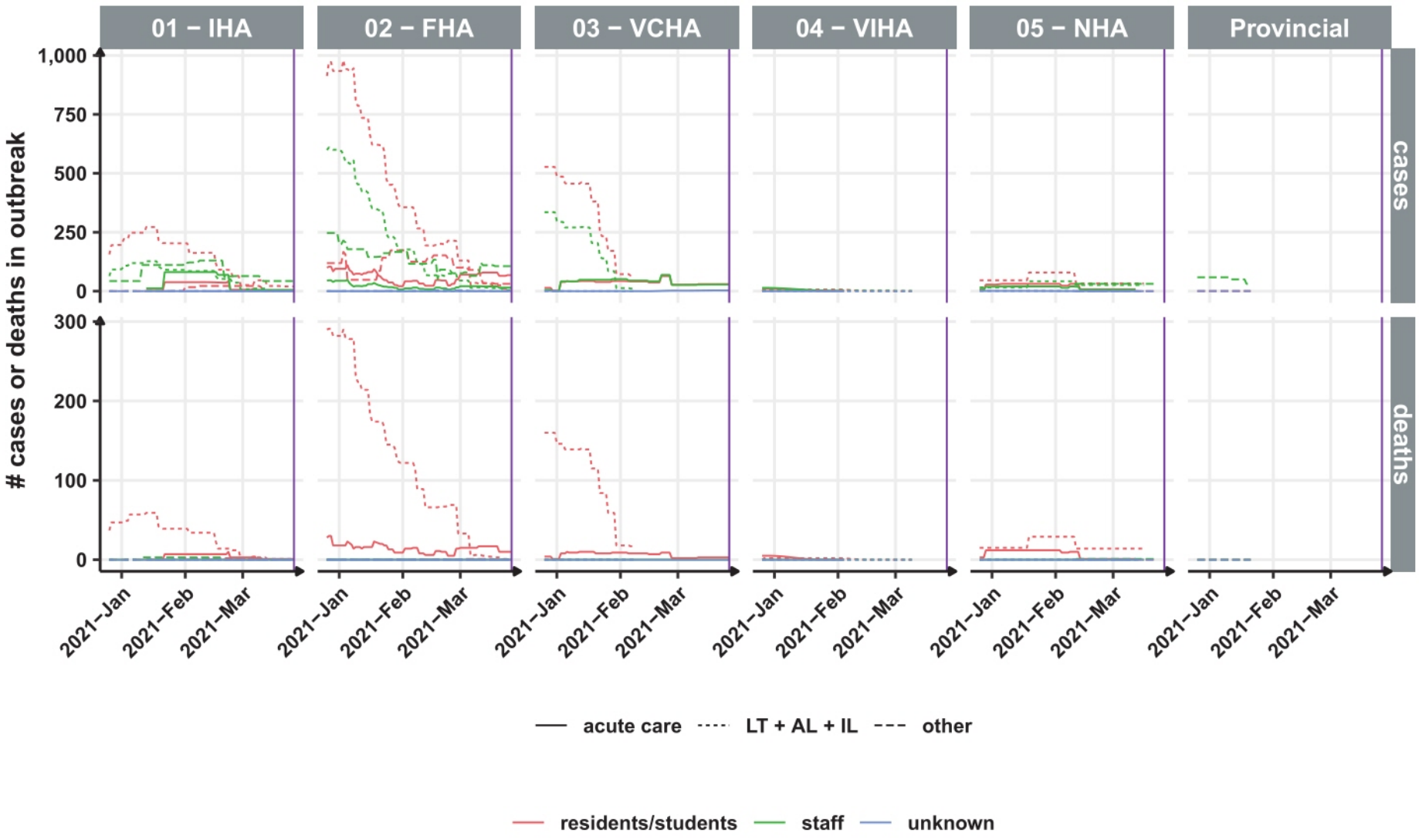
date	IHA	FHA	VCHA	VIHA	NHA	Provincial
2021-Mar-26	10	11	2			
2021-Mar-25	10	11	2			
2021-Mar-24	10	11	2			
2021-Mar-23	10	10	2			
2021-Mar-22	10	10	2			
2021-Mar-21	10	11	2		1	
2021-Mar-20	10	11	2		1	
2021-Mar-19	11	12	2		1	
2021-Mar-18	11	12	2		1	
2021-Mar-17	11	13	2		1	
2021-Mar-16	11	14	2		2	
2021-Mar-15	11	14	2		2	
2021-Mar-14	11	14	2		2	
2021-Mar-13	11	15	2		2	
2021-Mar-12	12	15	2		3	
2021-Mar-11	12	17	2		3	
2021-Mar-10	13	16	1		3	
2021-Mar-09	14	16	1	1	3	
2021-Mar-08	14	16	1	1	3	
2021-Mar-07	15	15	1	1	3	
2021-Mar-06	14	15	1	1	3	
2021-Mar-05	13	16	1	1	3	

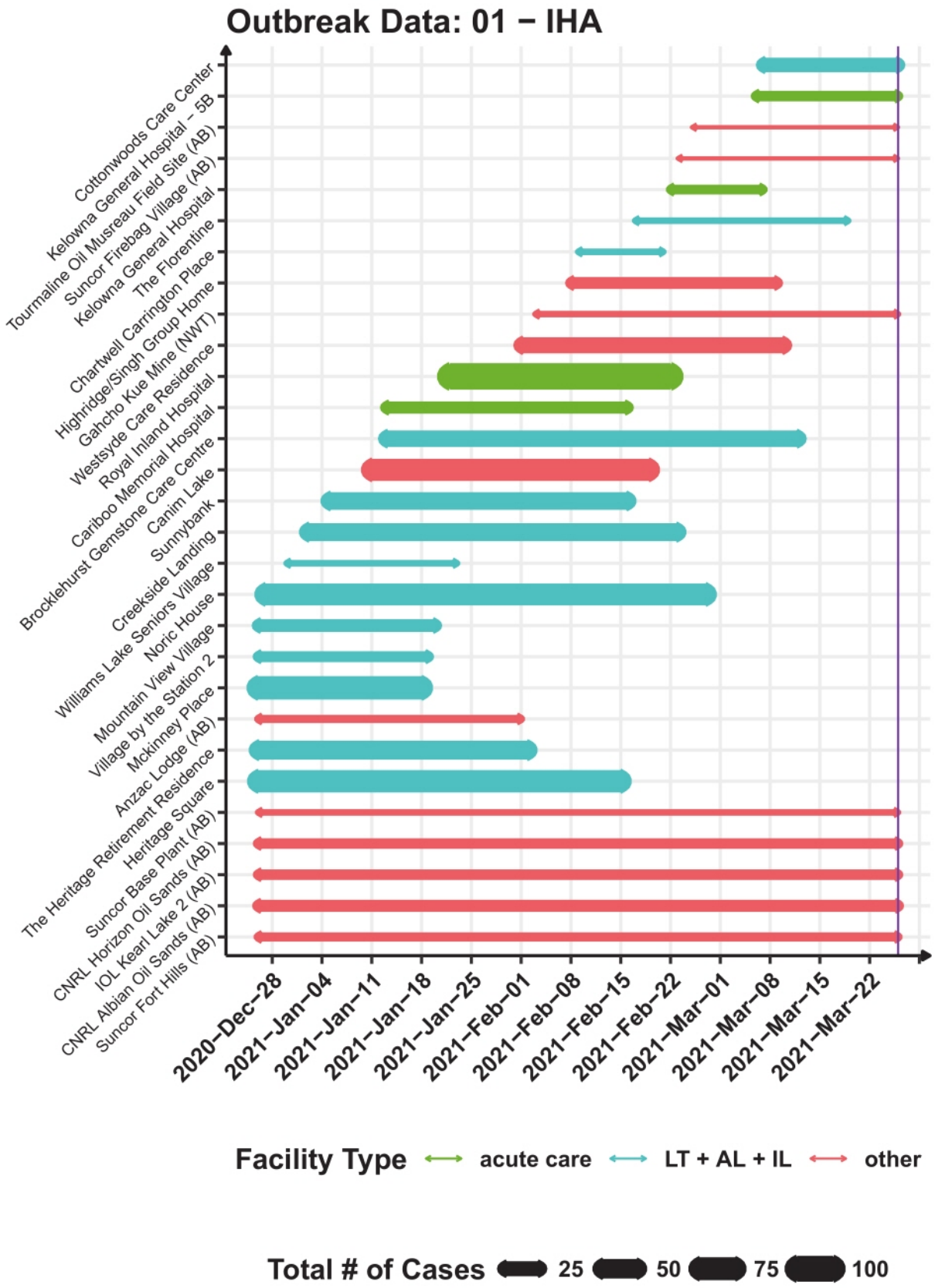
Notes:

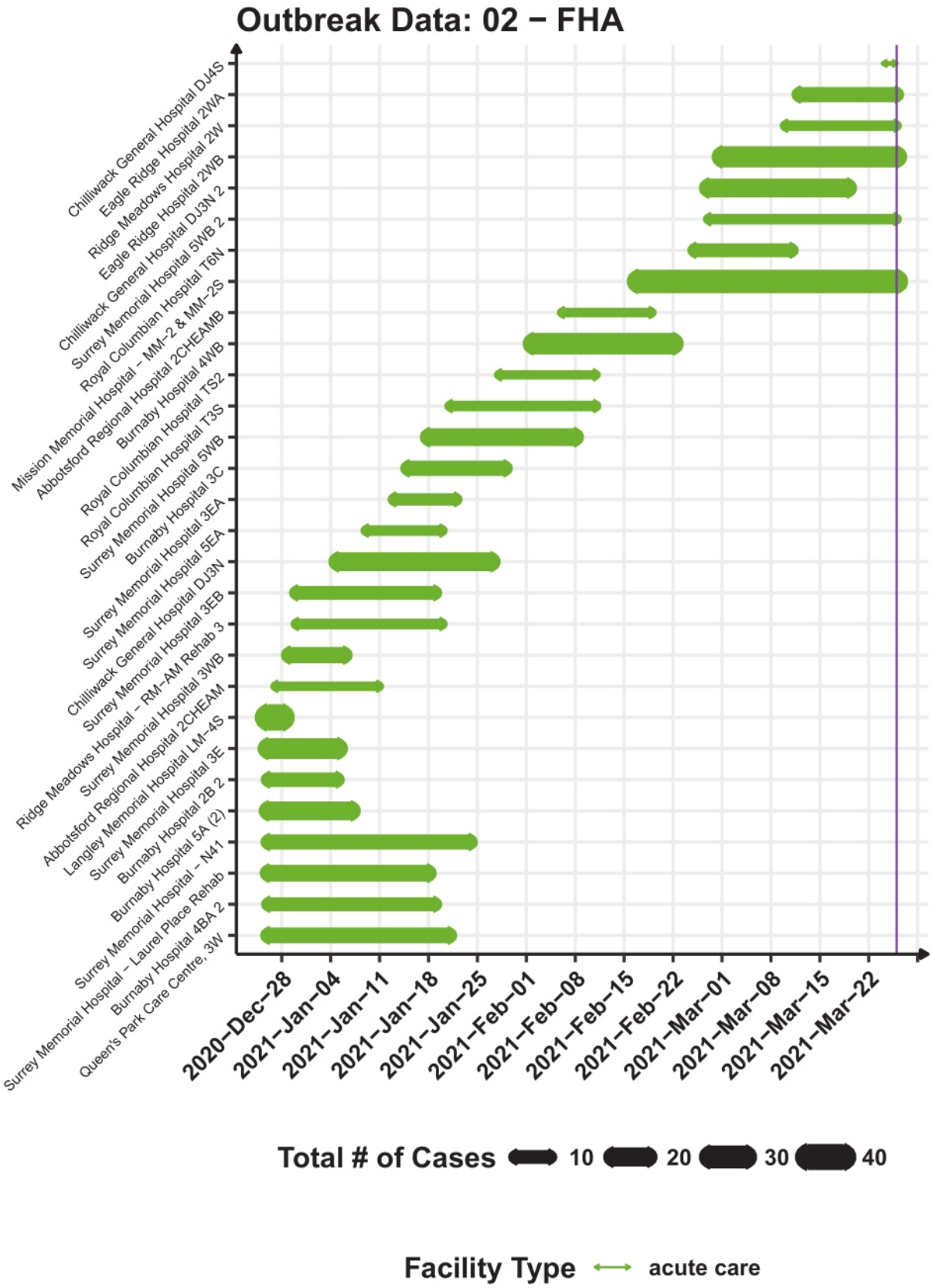
- Data source: BCCDC.
- In the graphs that follow (entitled "Outbreak Data"), each horizontal line represents a facility with an outbreak. The dates of the outbreak are indicated by the x-axis. The facilities are sorted by the start date of the outbreak. In most graphs, the colour of the line indicates the facility type (acute care/long term care/"other") and the thickness of the line indicates the total number of Covid cases associated with the outbreak. For the cases in which the number of outbreaks is large (currently FHA), the facility types are plotted in separate graphs.
- Facility types that are classified as "LT + AL + IL" are those classified as either "Long Term", "Assisted Living" or "Independent Living." Facility types that are classified as "other" include "School or daycare", "Other", "Workplace not otherwise specified", "Workplace with communal living", "Group home (community living)", or "Religious institution."
- For the "# of Facilities with Outbreaks" chart, data are limited to facilities with outbreaks that have not ended two weeks ago or less.

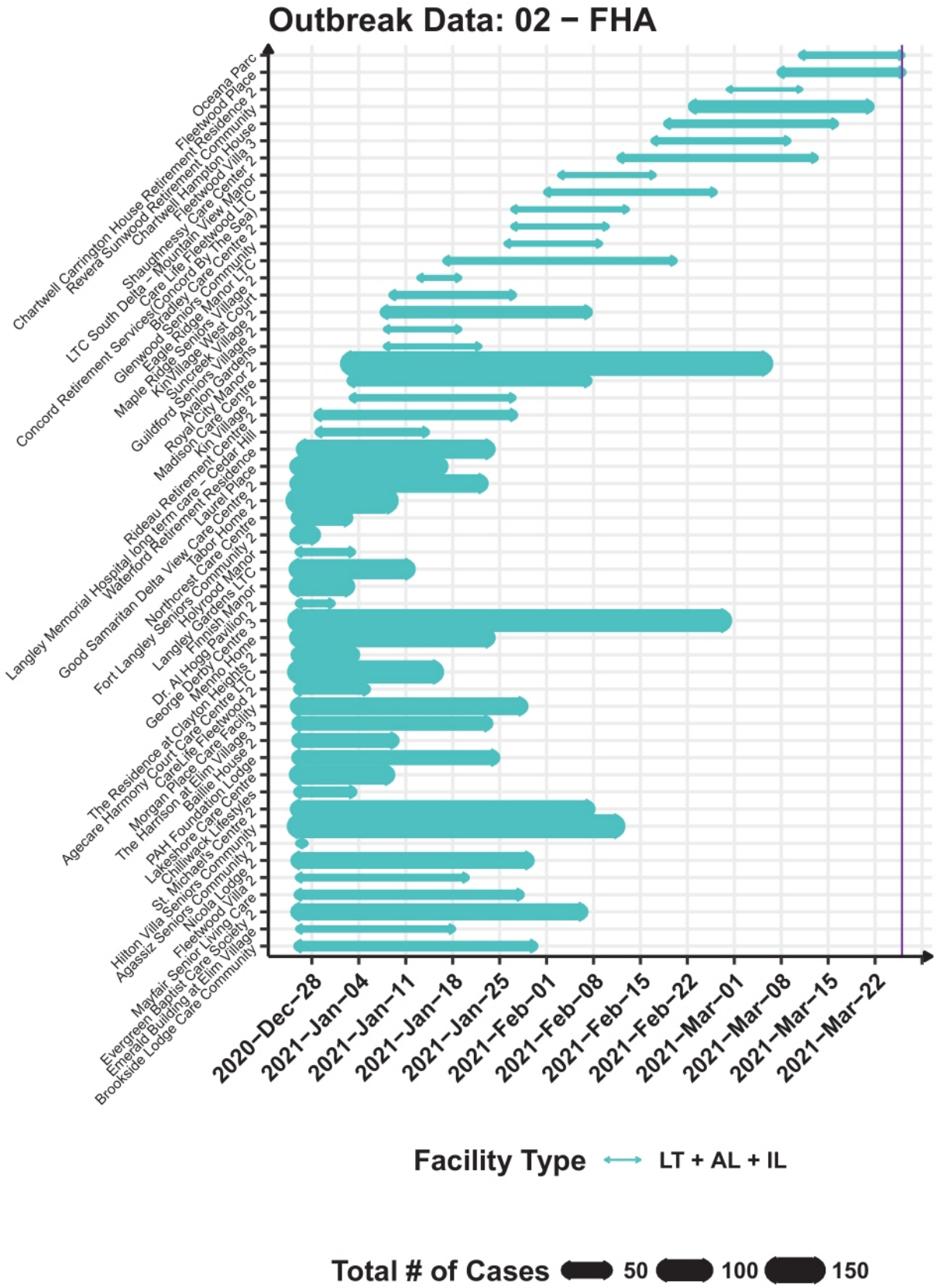

# of Facilities with Outbreaks
acute care
LT + AL + IL
other
facilities
0
20
40
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
date
00 − BC
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA
Provincial

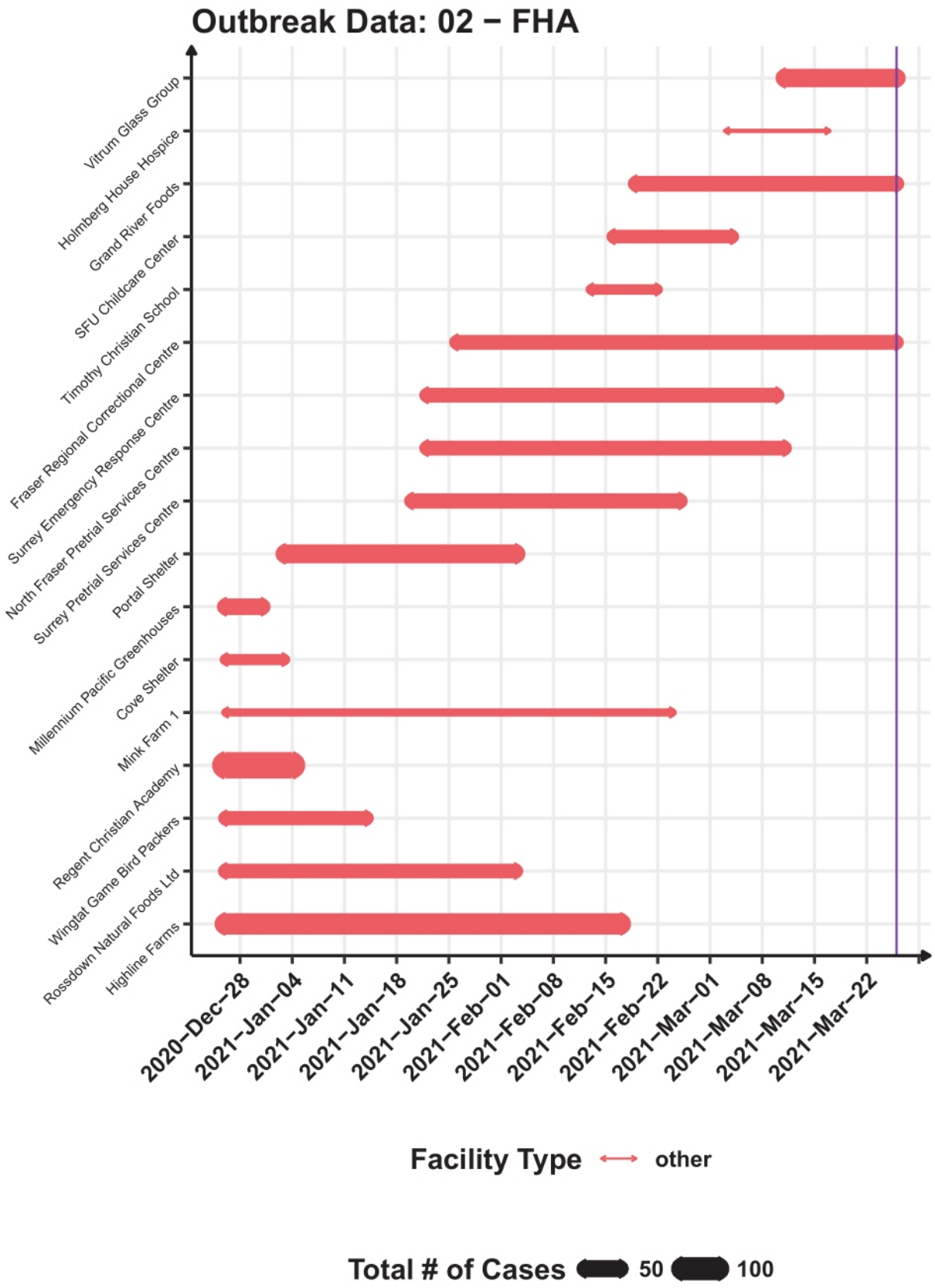

# of Facilities with Outbreaks
01 – IHA
02 – FHA
03 – VCHA
05 – NHA
outbreak ongoing
outbreak declared over
0
3
6
9
facilities
acute care
LT + AL + IL
other

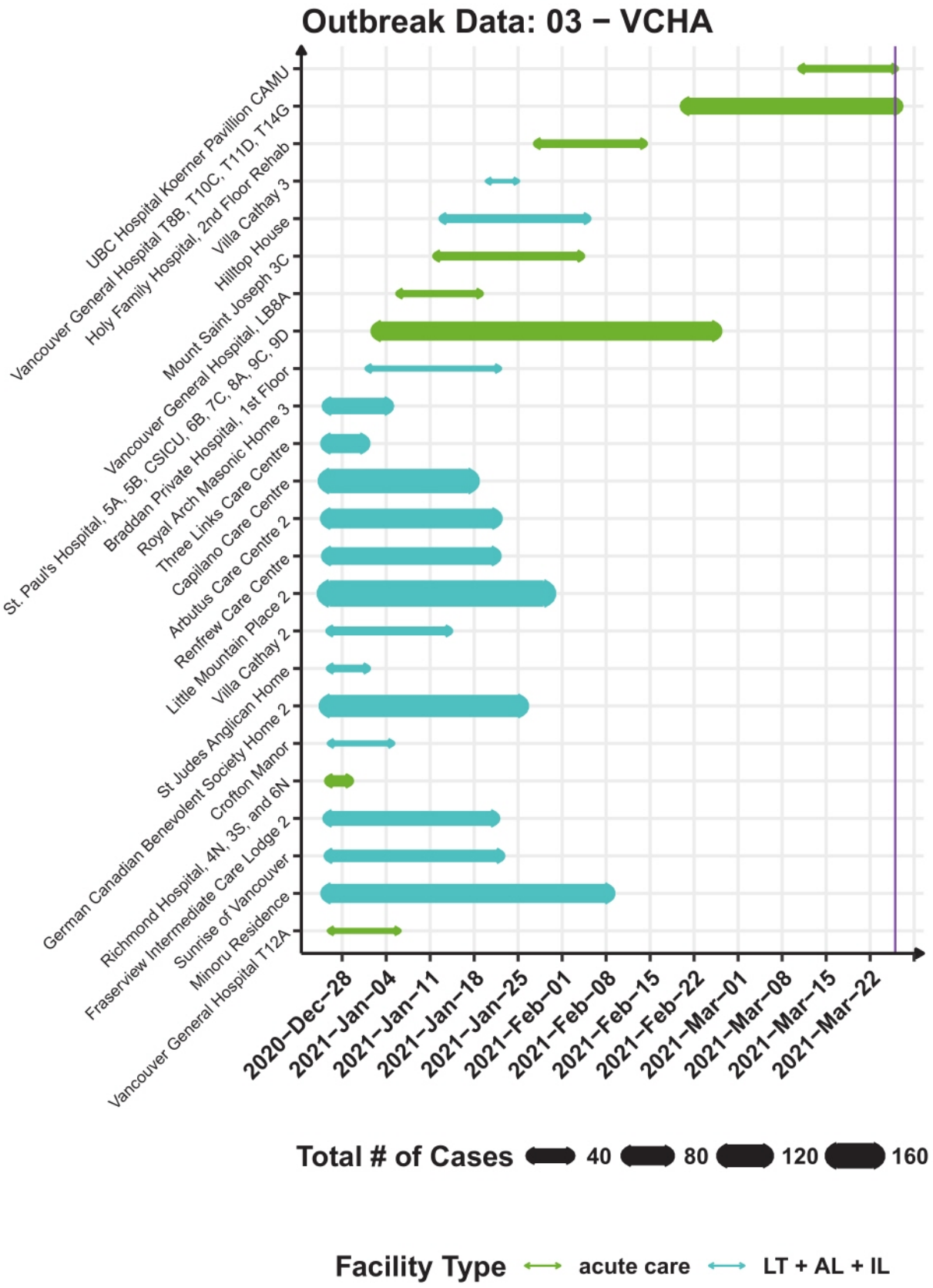

01 – IHA
02 – FHA
03 – VCHA
04 – VIHA
05 – NHA
Provincial
cases
deaths
cases or deaths in outbreak
1,000
750
500
250
0
300
200
100
0
2021–Jan
2021–Feb
2021–Mar
acute care
LT + AL + IL
other
residents/students
staff
unknown

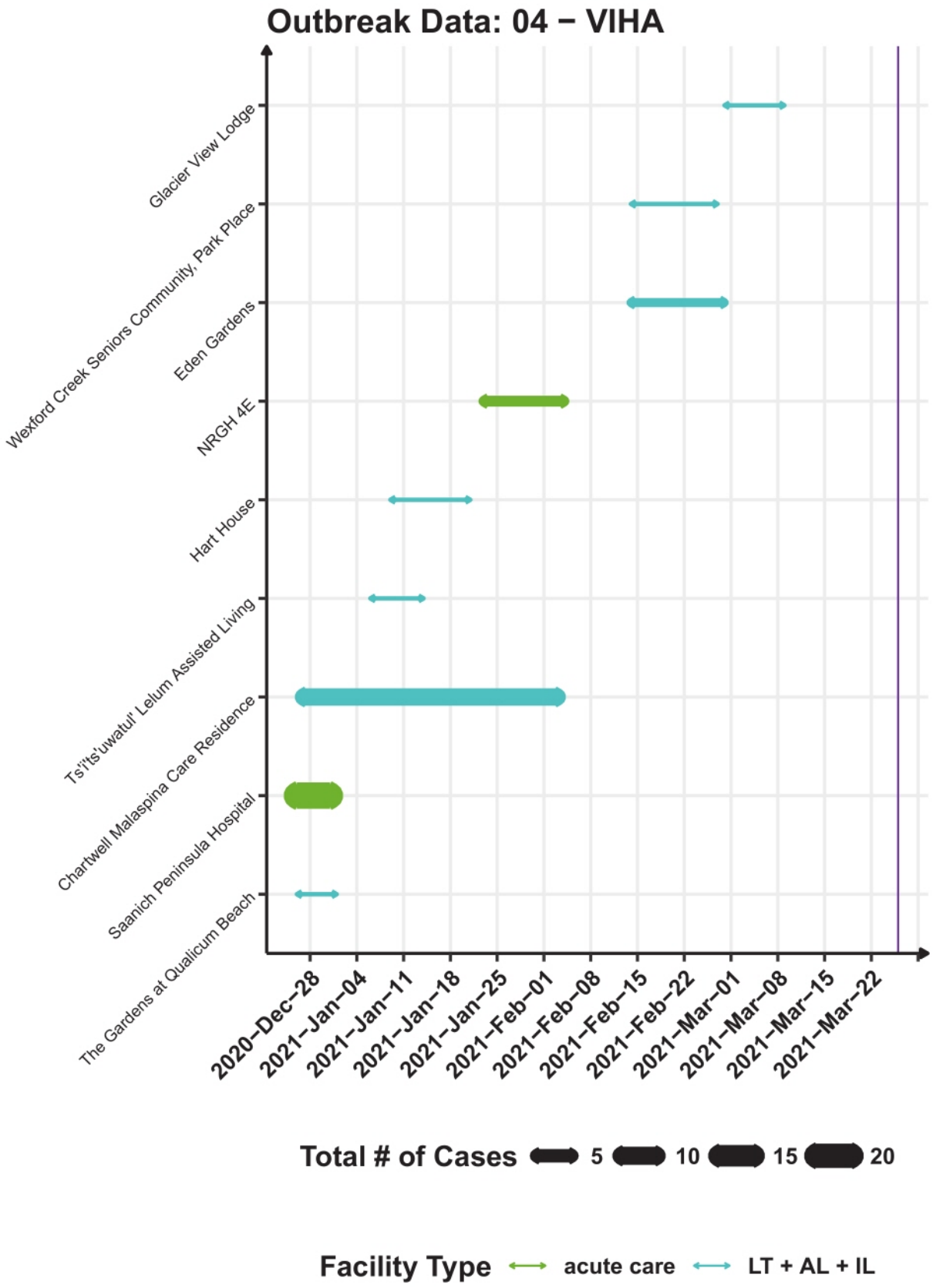

Outbreak Data: 01 − IHA
Cottonwoods Care Center
Kelowna General Hospital – 5B
Tourmaline Oil Musreau Field Site (AB)
Suncor Firebag Village (AB)
Kelowna General Hospital
The Florentine
Chartwell Carrington Place
Highridge/Singh Group Home
Gahcho Kue Mine (NWT)
Westsyde Care Residence
Royal Inland Hospital
Cariboo Memorial Hospital
Brocklehurst Gemstone Care Centre
Canim Lake
Sunnybank
Creekside Landing
Williams Lake Seniors Village
Noric House
Mountain View Village
Village by the Station 2
Mckinney Place
Anzac Lodge (AB)
The Heritage Retirement Residence
Heritage Square
Suncor Base Plant (AB)
CNRL Horizon Oil Sands (AB)
IOL Kearl Lake 2 (AB)
CNRL Albian Oil Sands (AB)
Suncor Fort Hills (AB)
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Facility Type
acute care
LT + AL + IL
other
Total # of Cases
25
50
75
100

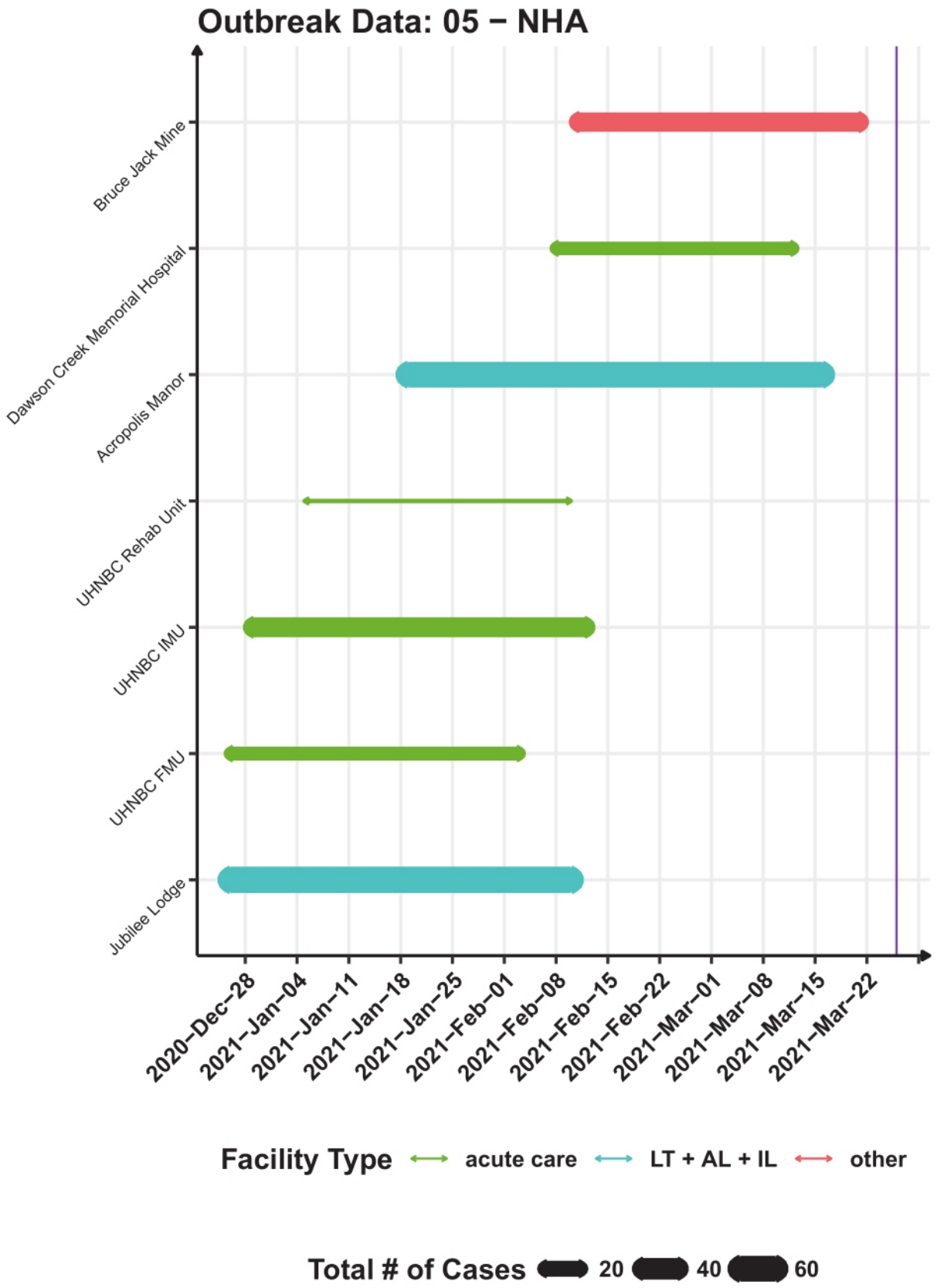

Outbreak Data: 02 − FHA
Chilliwack General Hospital DJ4S
Eagle Ridge Hospital 2WA
Ridge Meadows Hospital 2W
Eagle Ridge Hospital 2WB
Chilliwack General Hospital DJ3N 2
Surrey Memorial Hospital 5WB 2
Royal Columbian Hospital T6N
Mission Memorial Hospital − MM−2 & MM−2S
Abbotsford Regional Hospital 2CHEAMB
Burnaby Hospital 4WB
Royal Columbian Hospital TS2
Royal Columbian Hospital T3S
Surrey Memorial Hospital 5WB
Burnaby Hospital 3C
Surrey Memorial Hospital 3EA
Surrey Memorial Hospital 5EA
Surrey Memorial Hospital DJ3N
Chilliwack General Hospital 3EB
Surrey Memorial Hospital Rehab 3
Ridge Meadows Hospital − RM−AM
Surrey Memorial Hospital 3WB
Surrey Memorial Hospital 2CHEAM
Abbotsford Regional Hospital LM−4S
Langley Memorial Hospital 3E
Surrey Memorial Hospital 2B 2
Burnaby Hospital 5A (2)
Burnaby Hospital − N41
Surrey Memorial Hospital − Laurel Place Rehab
Burnaby Hospital 4BA 2
Queen's Park Care Centre, 3W
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Total # of Cases
10
20
30
40
Facility Type
acute care

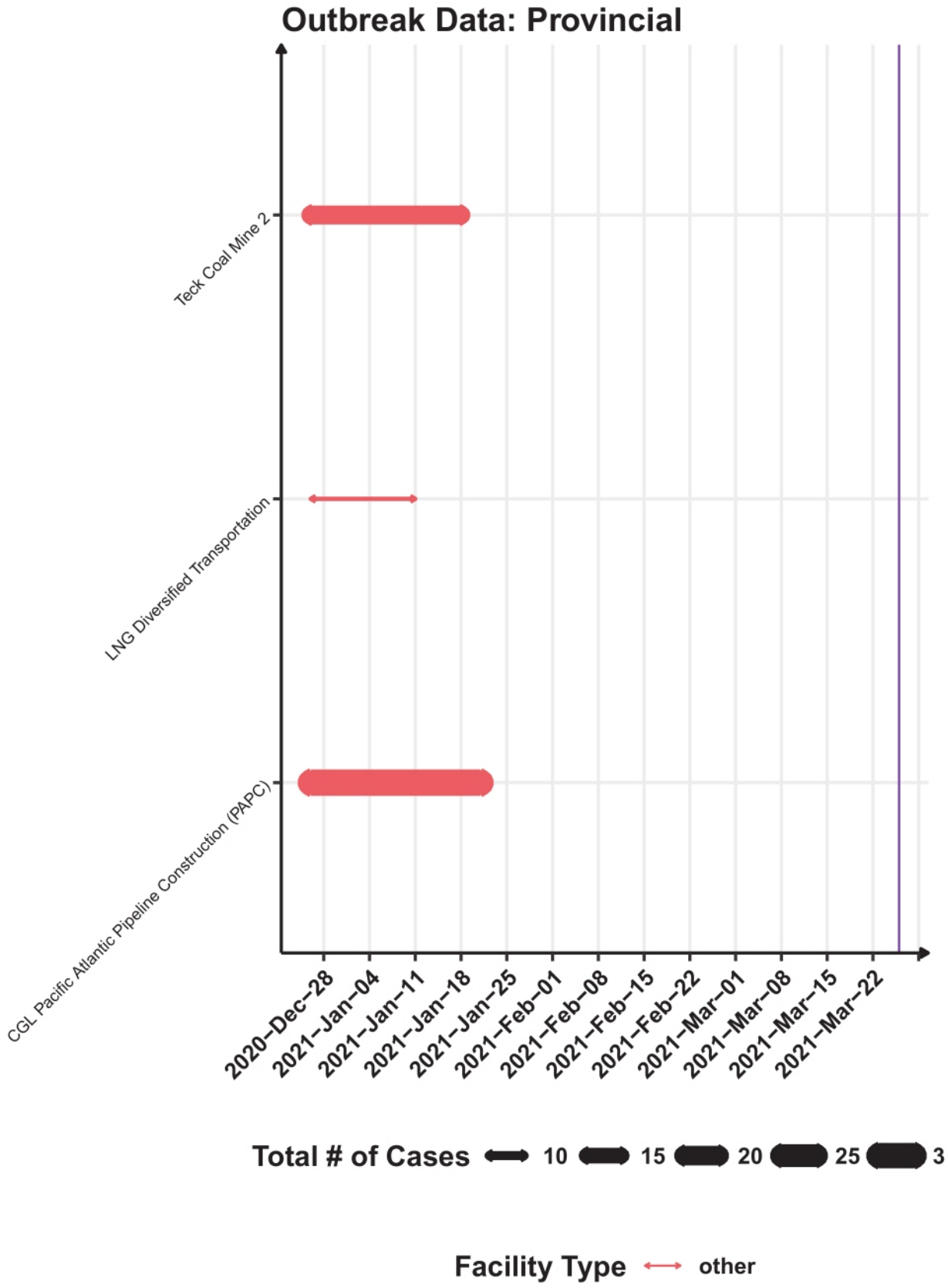

Outbreak Data: 02 − FHA
Oceana Parc
Fleetwood Place
Chartwell Carrington House Retirement Residence 2
Revera Sunwood Retirement Community
Chartwell Hampton House
Shaughnessy Care Center 2
Fleetwood Villa 3
LTC South Delta – Mountain View Manor
Care Life Fleetwood LTC
Concord Retirement Services(Concord By The Sea)
Bradley Care Centre 2
Glenwood Seniors Community
Eagle Ridge Manor LTC
Maple Ridge Seniors Village 2
KinVillage West Court
Guildford Seniors Village 2
Suncreek Village 2
Avalon Gardens
Royal City Manor 2
Madison Care Centre
Kin Village 2
Rideau Retirement Centre 2
Langley Memorial Hospital long term care – Cedar Hill
Waterford Retirement Residence
Laurel Place
Good Samaritan Delta View Care Centre 2
Tabor Home 2
Fort Langley Seniors Community 2
Northcrest Care Centre
Langley Gardens LTC
Holyrood Manor
Finnish Manor
Dr. Al Hogg Pavilion 2
George Derby Centre 3
Menno Home
The Residence at Clayton Heights 2
Agecare Harmony Court Care Centre LTC
CareLife Fleetwood 2
Morgan Place Care Facility
The Harrison at Elim Village 3
Baillie House 2
PAH Foundation Lodge
Lakeshore Care Centre
Chilliwack Lifestyles
St. Michael's Centre 2
Hilton Villa Seniors Community 2
Agassiz Seniors Community 2
Nicola Lodge 2
Fleetwood Villa 2
Mayfair Senior Living Care
Evergreen Baptist Care Society 2
Emerald Building at Elim Village 2
Brookside Lodge Care Community
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Facility Type
LT + AL + IL
Total # of Cases
50
100
150


Outbreak Data: 02 − FHA
Vitrum Glass Group
Holmberg House Hospice
Grand River Foods
SFU Childcare Center
Timothy Christian School
Fraser Regional Correctional Centre
Surrey Emergency Response Centre
North Fraser Pretrial Services Centre
Surrey Pretrial Services Centre
Portal Shelter
Millennium Pacific Greenhouses
Cove Shelter
Mink Farm 1
Regent Christian Academy
Wingtat Game Bird Packers
Rossdown Natural Foods Ltd
Highline Farms
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Facility Type
other
Total # of Cases
50
100


Outbreak Data: 03 − VCHA
UBC Hospital Koerner Pavillion CAMU
Vancouver General Hospital T8B, T10C, T11D, T14G
Holy Family Hospital, 2nd Floor Rehab
Villa Cathay 3
Hilltop House
Mount Saint Joseph 3C
Vancouver General Hospital, LB8A
St. Paul's Hospital, 5A, 5B, CSICU, 6B, 7C, 8A, 9C, 9D
Braddan Private Hospital, 1st Floor
Royal Arch Masonic Home 3
Three Links Care Centre
Capilano Care Centre
Arbutus Care Centre 2
Renfrew Care Centre
Little Mountain Place 2
Villa Cathay 2
St Judes Anglican Home
German Canadian Benevolent Society Home 2
Crofton Manor
Richmond Hospital, 4N, 3S, and 6N
Fraserview Intermediate Care Lodge 2
Sunrise of Vancouver
Minoru Residence
Vancouver General Hospital T12A
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Total # of Cases
40
80
120
160
Facility Type
acute care
LT + AL + IL

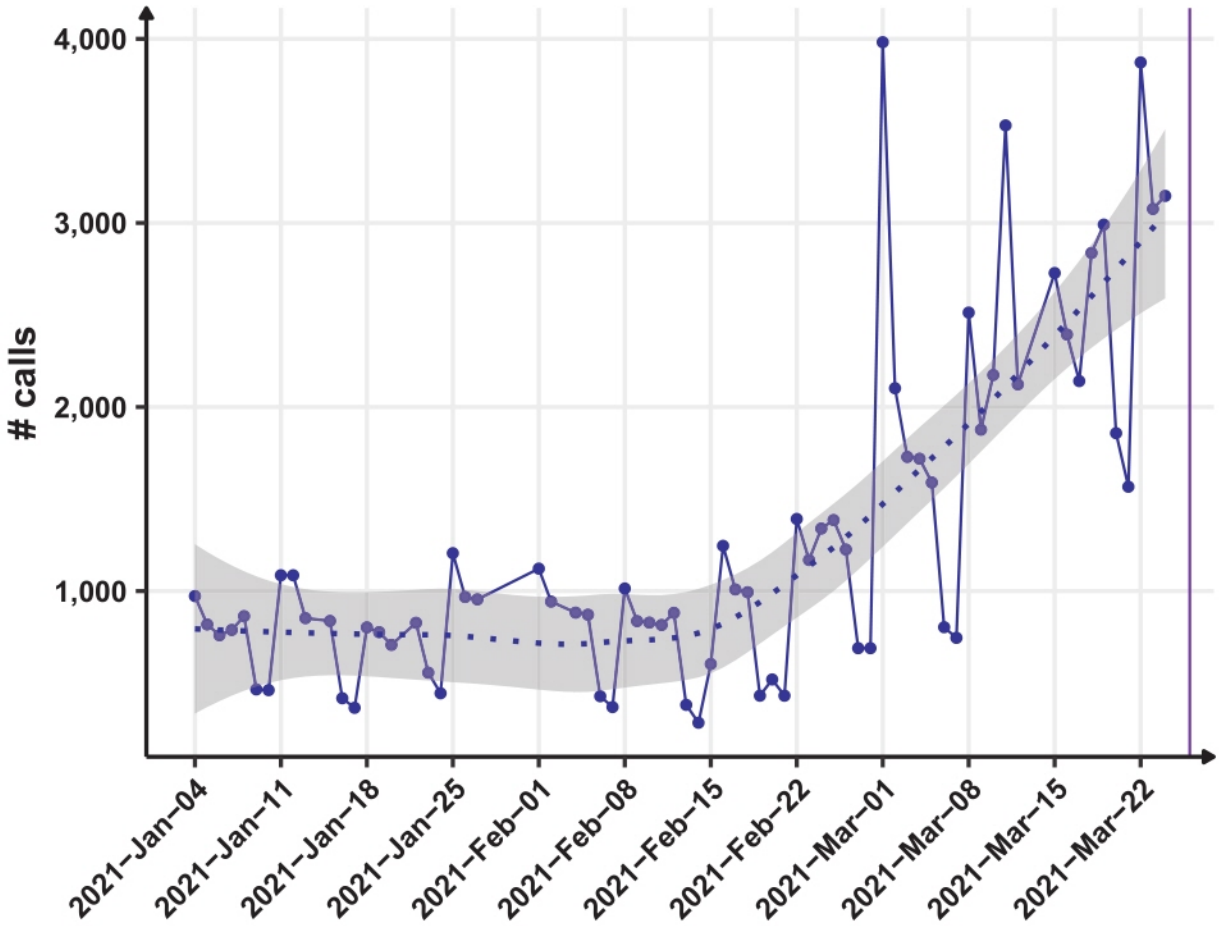

Outbreak Data: 04 − VIHA
Glacier View Lodge
Wexford Creek Seniors Community, Park Place
Eden Gardens
NRGH 4E
Hart House
Ts'i'ts'uwatul' Lelum Assisted Living
Chartwell Malaspina Care Residence
Saanich Peninsula Hospital
The Gardens at Qualicum Beach
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Total # of Cases
5
10
15
20
Facility Type
acute care
LT + AL + IL


Outbreak Data: 05 − NHA
Bruce Jack Mine
Dawson Creek Memorial Hospital
Acropolis Manor
UHNBC Rehab Unit
UHNBC IMU
UHNBC FMU
Jubilee Lodge
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Facility Type
acute care
LT + AL + IL
other
Total # of Cases
20
40
60


Outbreak Data: Provincial
Teck Coal Mine 2
LNG Diversified Transportation
CGL Pacific Atlantic Pipeline Construction (PAPC)
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
Total # of Cases
10
15
20
25
3
Facility Type
other

7 Other

7.1 1-888-COVID19 Calls Received

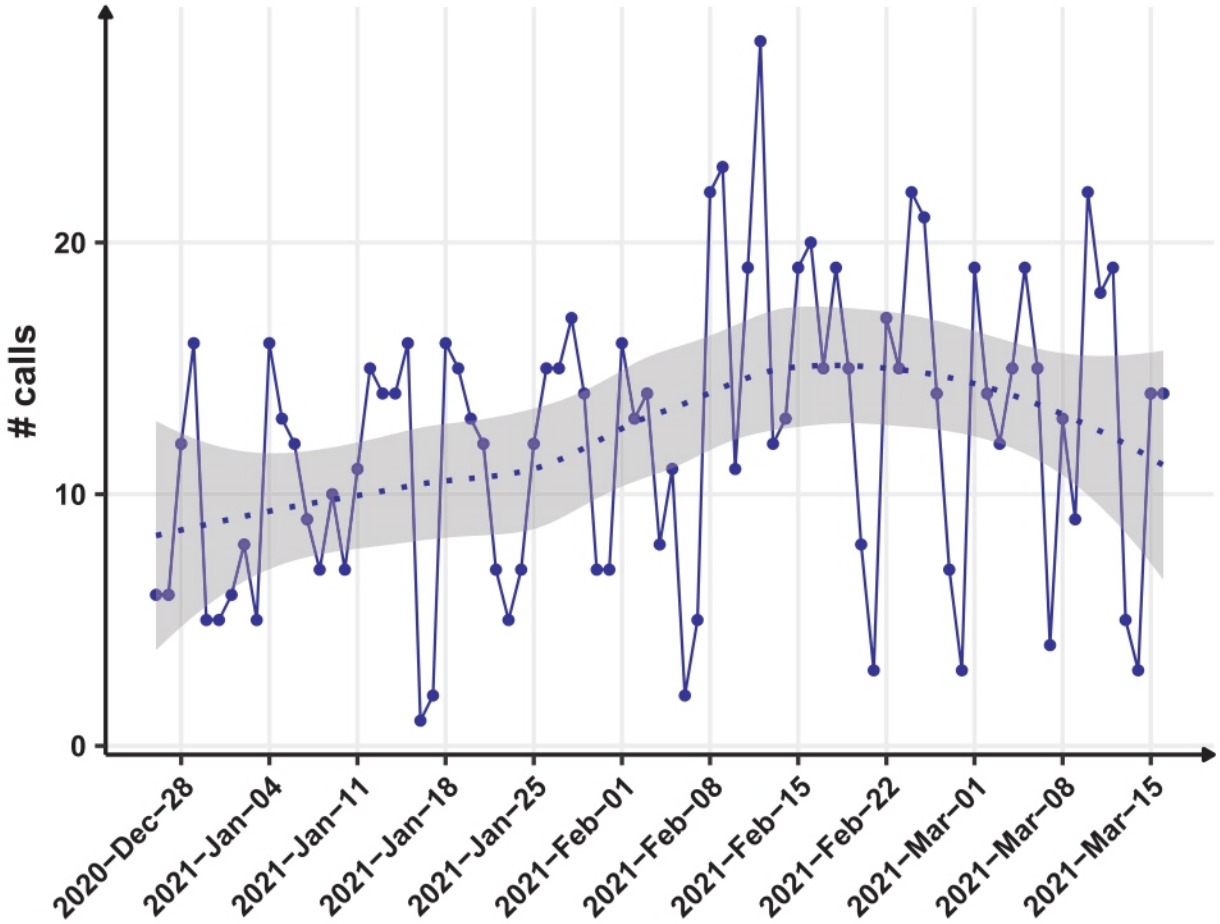


Notes:

- Data source: 1-888-COVID19
- The maximum number of calls was 3,982 on March 01. The minimum number of calls was 285 on February 14. The average number of calls was 1,286.

date	# calls
2021-Mar-24	3,147
2021-Mar-23	3,076
2021-Mar-22	3,872
2021-Mar-21	1,567
2021-Mar-20	1,858
2021-Mar-19	2,991
2021-Mar-18	2,837
2021-Mar-17	2,141
2021-Mar-16	2,394
2021-Mar-15	2,728

7.2 2-1-1 Incoming Calls



Notes:

- Data source: MOH Senior Services Branch.
- The maximum number of 2-1-1 calls received was 28 on February 12. The minimum number of 2-1-1 calls received was 1 on January 16. The average number of 2-1-1 calls received was 12.

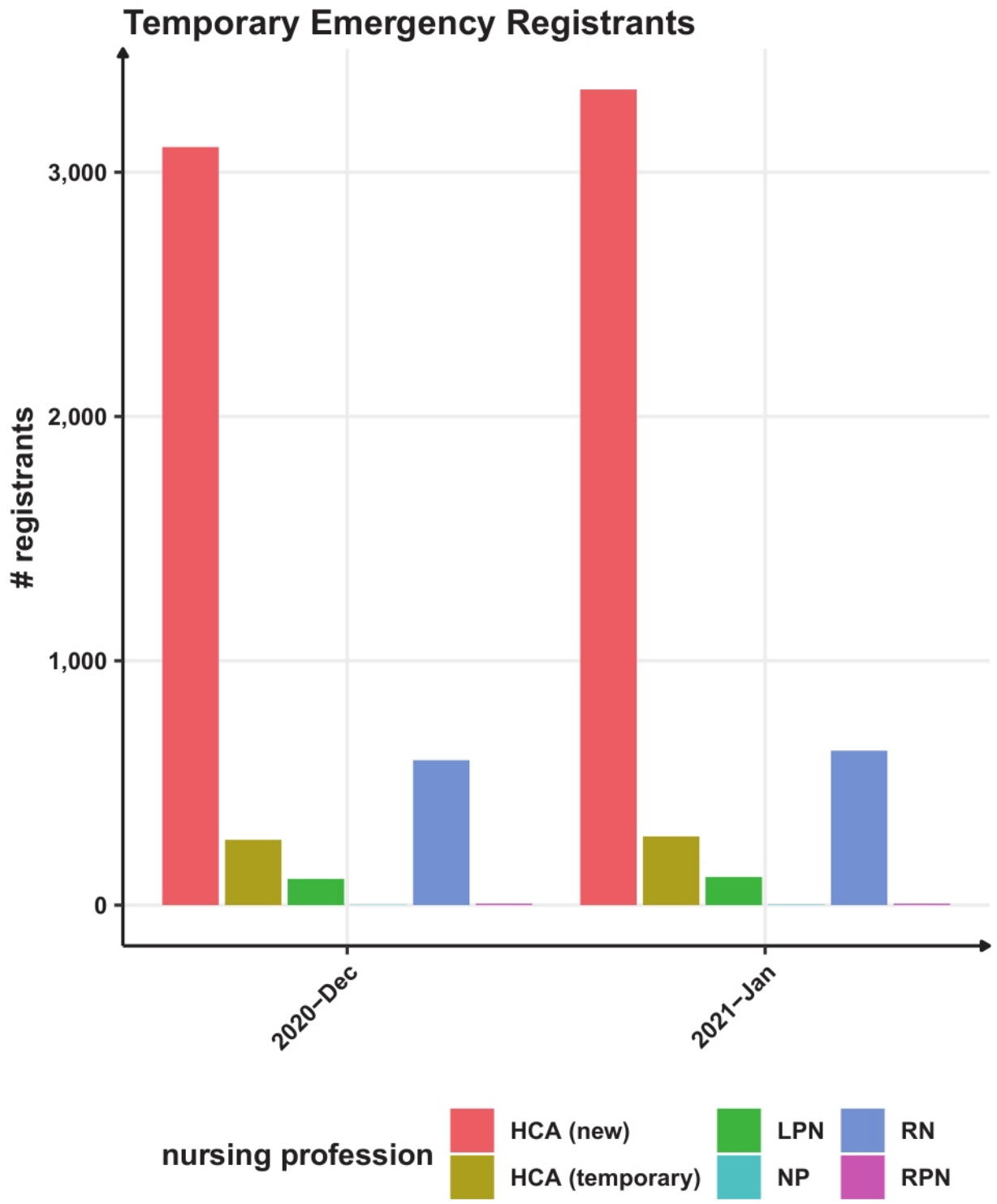
date	# calls
2021-Mar-16	14
2021-Mar-15	14
2021-Mar-14	3
2021-Mar-13	5
2021-Mar-12	19
2021-Mar-11	18
2021-Mar-10	22
2021-Mar-09	9
2021-Mar-08	13
2021-Mar-07	4

7.3 Emergency Registrants

date	HCA (new)	HCA (temporary)	LPN	NP	RN	RPN	Total
2021-Jan	3,339	281	115	2	632	6	4,375
2020-Dec	3,103	267	107	1	593	6	4,077

Notes:

- Data source: Health Sector Workforce and Beneficiary Services Division (MOH)


Temporary Emergency Registrants
registrants
3,000
2,000
1,000
0
2020−Dec
2021−Jan
nursing profession
HCA (new)
HCA (temporary)
LPN
NP
RN
RPN

Cameron, Jessica HLTH:EX

From: Rose, Caren [BCCDC] <Caren.Rose@bccdc.ca>
Sent: March 26, 2021 4:16 PM
To: _BCCDC_COVID_Epis; _BCCDC_DAS_AllVancouverStaff; _BCCDC_Mho; Abdia, Younathan [BCCDC]; XT:Amos, Heather HLBC:IN; Arkles, Jillian [BCCDC]; XT:Barker, Tiffany HLBC:IN; Becu, Annelies [BCCDC]; Billing, Sukhmani HLTH:EX; Binka, Mawuena [BCCDC]; Brown, S [EXT]; Brownrigg, Bobbi [BCCDC]; Buxton, Jane [BCCDC]; Charania, Adam [PHSA]; Chenery, Jessica [BCCDC]; Chi, Kim [BCCancer]; Chu, Tim [VCH]; Clair, Veronic [BCCDC]; Clarke, Quinten; ClaydonPlatt, Kate [BCCDC]; Cook, Victoria [BCCDC]; Corneil, Trevor [BCCDC]; Covid19Nurse; Crabtree, Alexis; Crouch, David [BCCDC]; Dion, Stephanie [BCCDC]; ElKurdi, Sylvia [BCCDC]; Fenn, Katie [PHSA]; Fraser, Erin [BCCDC]; XT:HLTH Galanis, Eleni; XT:HLTH Gilbert, Mark; Grennan, Troy [BCCDC]; Grgar, Maja [BCCDC]; Hassam, Noorjean [BCCDC]; Heathcote, Rena [BCCDC]; Henderson, Marianne [BCCDC]; Henry, Bonnie HLTH:EX; HLTH COVIDAnalytics HLTH:EX; Hoang, Linda [BCCDC]; Hrycuik, Lorie HLTH:EX; Hyland, Ita [PHSA]; Rongve, Ian HLTH:EX; Irvine, Mike [BCCDC]; Jiwa, Shaila [PHSA]; Johnston, James [BCCDC]; Parmar, Kalbir S HLTH:EX; Kendall, Perry [EXT]; XT:HLTH Kosatsky, Tom; XT:Krajden, Mel HLTH:IN; Larder, Andrew [BCCDC]; XT:Lavery, John HLTH:IN; Leamon, Anthony W [VIHA]; Malo, Jonathan [BCCDC]; XT:Mathany, Lauren HLBC:IN; McKee, Geoff [BCCDC]; McLean, Kathleen [BCCDC]; Meier, Stephanie [BCCDC]; Michel, Daniela [BCCDC]; Miller, Haley [BCCDC]; Mooder, Karen [PHSA]; XT:Naus, Monika HLTH:IN; Nicol, Anne-Marie [BCCDC]; Oakey, Megan [BCCDC]; XT:ODonnell, Maureen HLTH:IN; Park, Mina [VCH]; Peterson, Emily [VCH]; Prystajecky, Natalie [BCCDC]; Rempel, Emily [BCCDC]; Ristovski-Slijepcevic, Svetlana [BCCDC]; Samji, Hasina [BCCDC]; Sandhu, Jat [BCCDC]; Sekirov, Inna [BCCDC]; Singal, Mayank [BCCDC]; Skowronski, Danuta [BCCDC]; Slaunwhite, Amanda [BCCDC]; Therrien, Darlene HLTH:EX; Tomas, Nina [BCCDC]; Turner, William [BCCDC]; Walsh, Sara M HLTH:EX; Wan, Wilson EHS:EX; Weatherall, Kristin [BCCDC]; Wong, Jason [BCCDC]; Yao, Angela [BCCDC]; Yeong, Siu-Kae [BCCDC]; Young, Sara [BCCDC]; Youngs, Kirsten R GCPE:EX; Zandy, Moe
Subject: BCCDC weekly data summary March 25 2021
Attachments: 2021-03-25 FINAL BCCDC Weekly Data Summary.pdf

Dear Colleagues,
In an effort to improve integration of surveillance and modeling products, BCCDC is producing a weekly COVID slide deck including data from syndromic sources, the laboratory, case epidemiology (BC and global), healthcare use and projections and modeling. A group of BCCDC and regional epidemiologists, analysts and knowledge translation experts has been meeting regularly to review and interpret findings and draw key messages for use by public health professionals, planners and other decision-makers. If you have thoughts on the findings, interpretation or ideas about future analyses, please let me know.
A very big thank you to all the people who contributed to this material including: Sarah Henderson, Kathleen McLean, Angela Yao, David McVea, Hind Sbihi, Yayuk Joffres, Braeden Klaver, Linda Hoang, Eleni Galanis, Marsha Taylor, Samara David, Chelsea Treloar, Kyle Noftall, May Ahmed, Jeff Trieu, Naveed Janjua, Kate Smolina, Geoff Mckee, Lauren Churchill, Haoyu Su, Michael Otterstatter, Jason Wong, Jat Sandhu, Reka Gustafson, David Patrick, Mel Krajden, Danuta Skowronski, Sunny Mak, Mieke Fraser, Caren Rose, David Roth, Christopher Mill, Mawuena Binka, Sara Forsting, Rahul Chhokar, Maritia Gully, Gillian Frosst, Kari Harder, Andrew Kurc, Christina Fung, Emily Rempel, David Crouch, Prince Adu, Notice Ringa, Ognjenka Djurdev (apologies if I omitted anyone).

Caren

BCCDC Weekly Data Summary

25 March 2021

Provincial Health Services Authority
Province-wide solutions. Better health.

BC Centre for Disease Control

Page 107 of 175 to/à Page 144 of 175

Withheld pursuant to/removed as

Copyright

Cameron, Jessica HLTH:EX

From: Therrien, Darlene HLTH:EX
Sent: March 29, 2021 1:49 PM
To: Rongve, Ian HLTH:EX
Cc: Patterson, Catherine M HLTH:EX; Khaira, Kirn HLTH:EX
Subject: Daily COVID Cases Outbreak vs Non-Outbreaks
Attachments: Covid_Cases_Outbreaks_2021-03-29.pdf

Ian

Daily Outbreaks vs Outbreaks Report … Note the past week increase is slope of the Non-Outbreak graph… especially in Vancouver Coastal.

Kind Regards,
Darlene
Mobile s.17

"Be Kind, Be Calm,Be Safe"

Covid-19 Cases and Outbreaks

Health Sector Information Analysis and Reporting

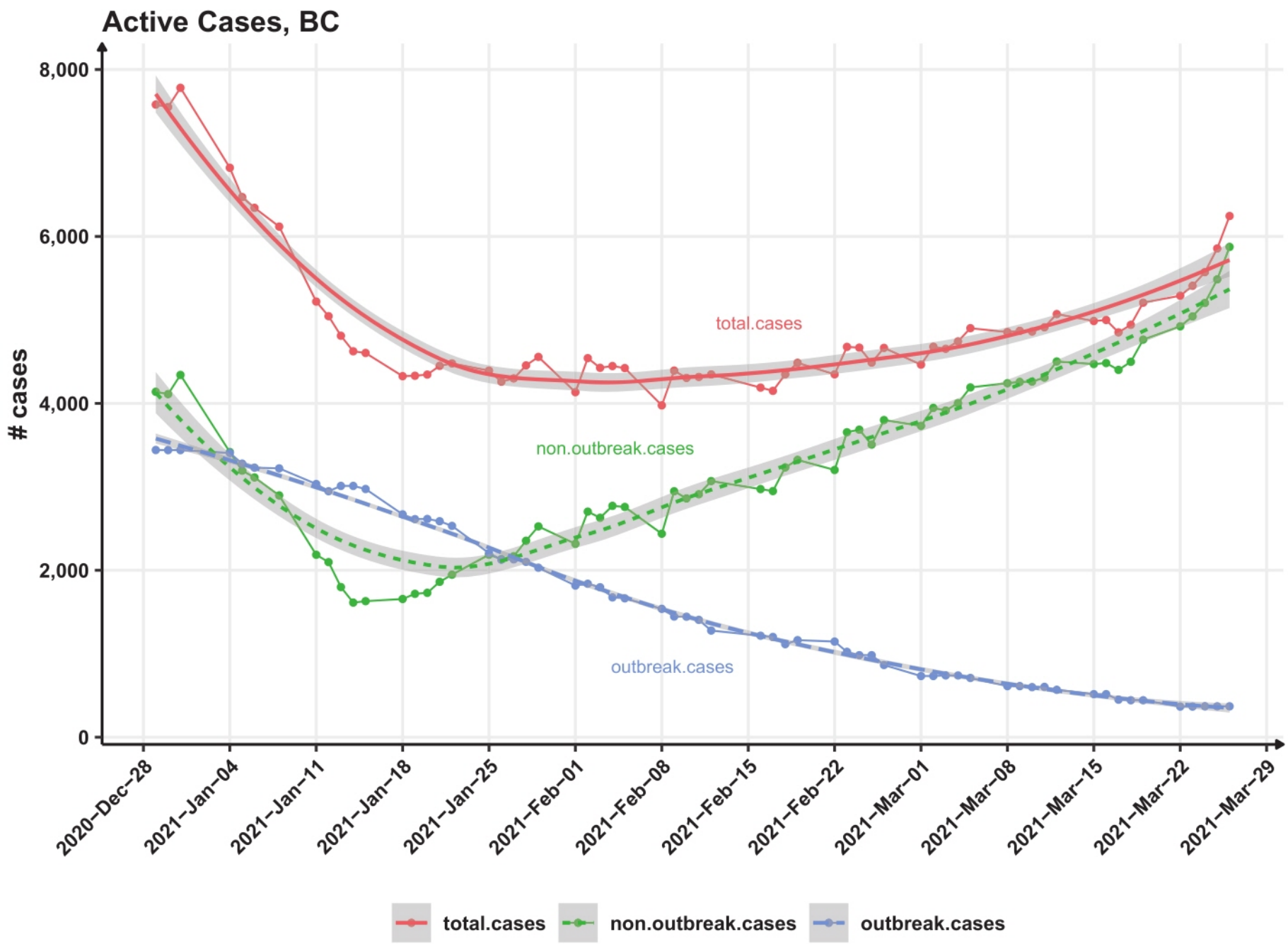
March 29, 2021

Contents

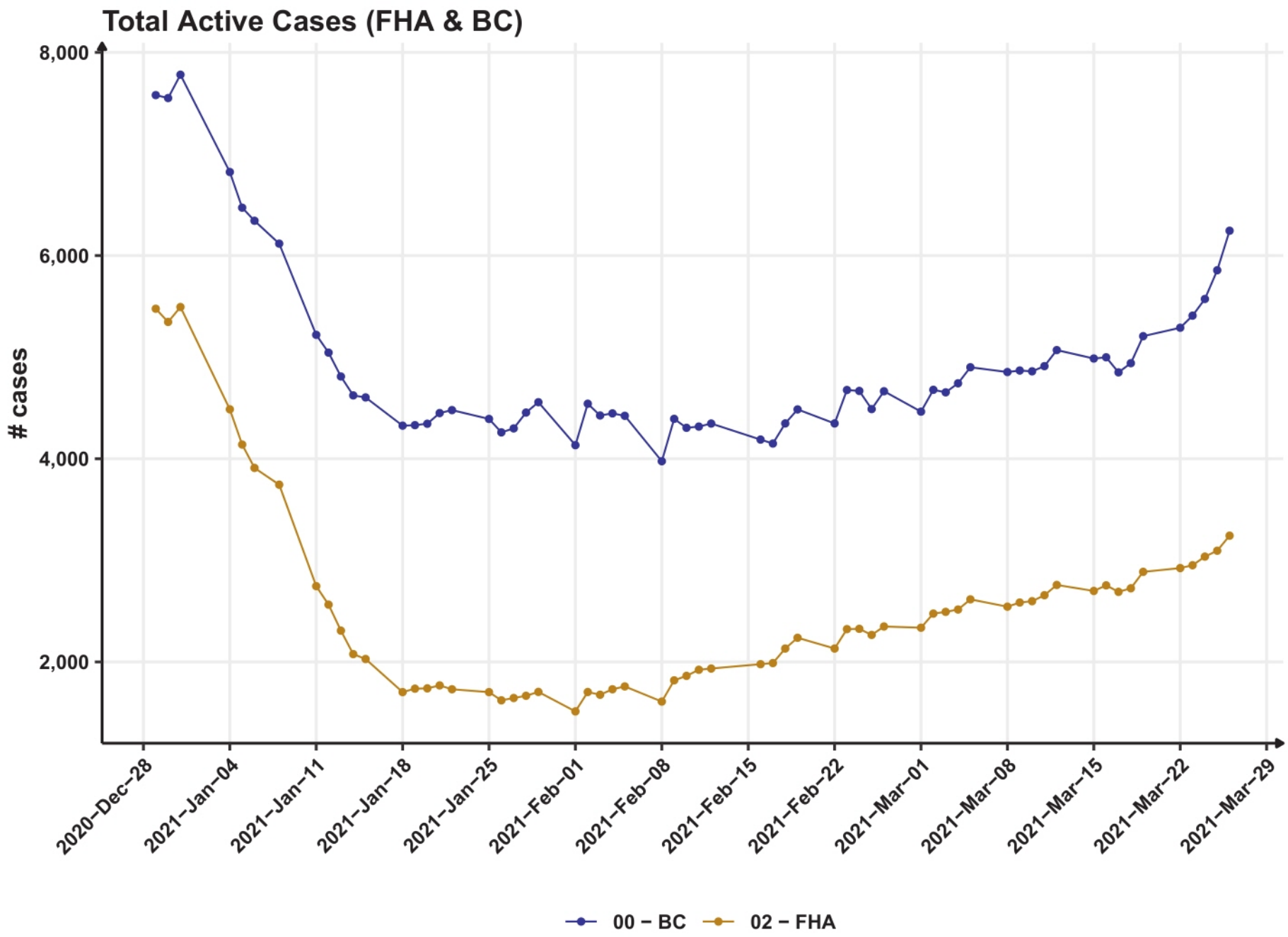
Notes:

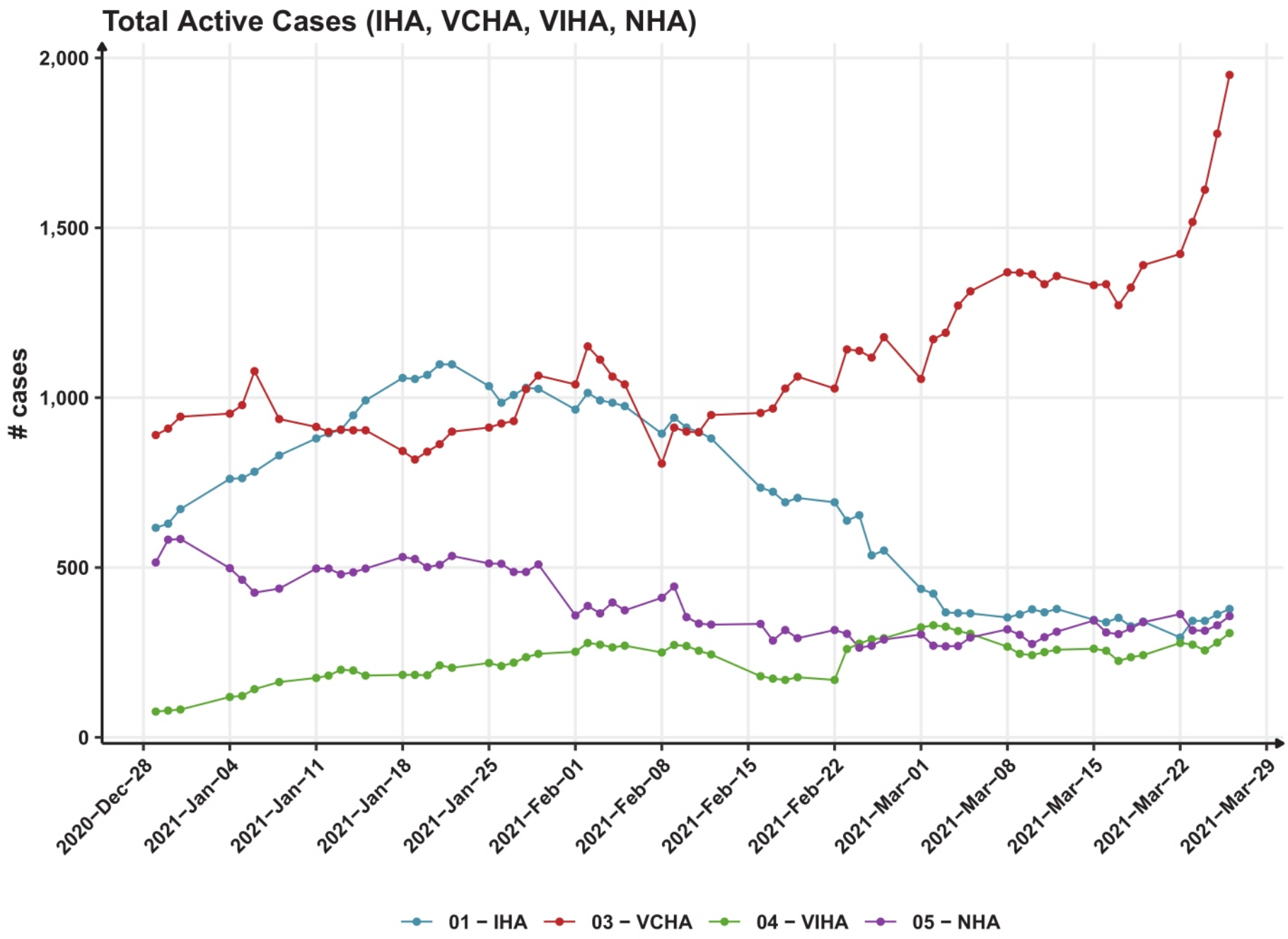
- The date range for all data is 2012-12-01 to present.
- This report was run on 2021-03-29 12:44:14.
- Outbreak case data are given as a single case count number per outbreak, which is not realistic. (For example, an example of an outbreak might be "10 cases between December 5 and 10.") Nevertheless, "non-outbreak cases" per day are calculated as the difference between the number of active cases and the given number of cases per outbreak.
- For the Epi Curve, the total number of cases in BC equal to or larger than the sum of the cases by Health Authority because some cases are not assigned geography.
- Outbreak cases include only those cases reportable to the Ministry (those occurring in acute care, long-term care, assisted living, independent living etc. facilities). Changes in the definitions of clusters and outbreaks over time and across health authorities may impact results.
- Facilities classified as "other" include: Workplace not otherwise specified, Workplace with communal living, Correctional facility, Other residential facility type, School or daycare, Group home (community living), Shelter, Other, Religious institution, Conference.
- Active Cases by Five-Year Age Groups (page 9) is based on the most recently available data on HealthIdeas from the BCCDC.

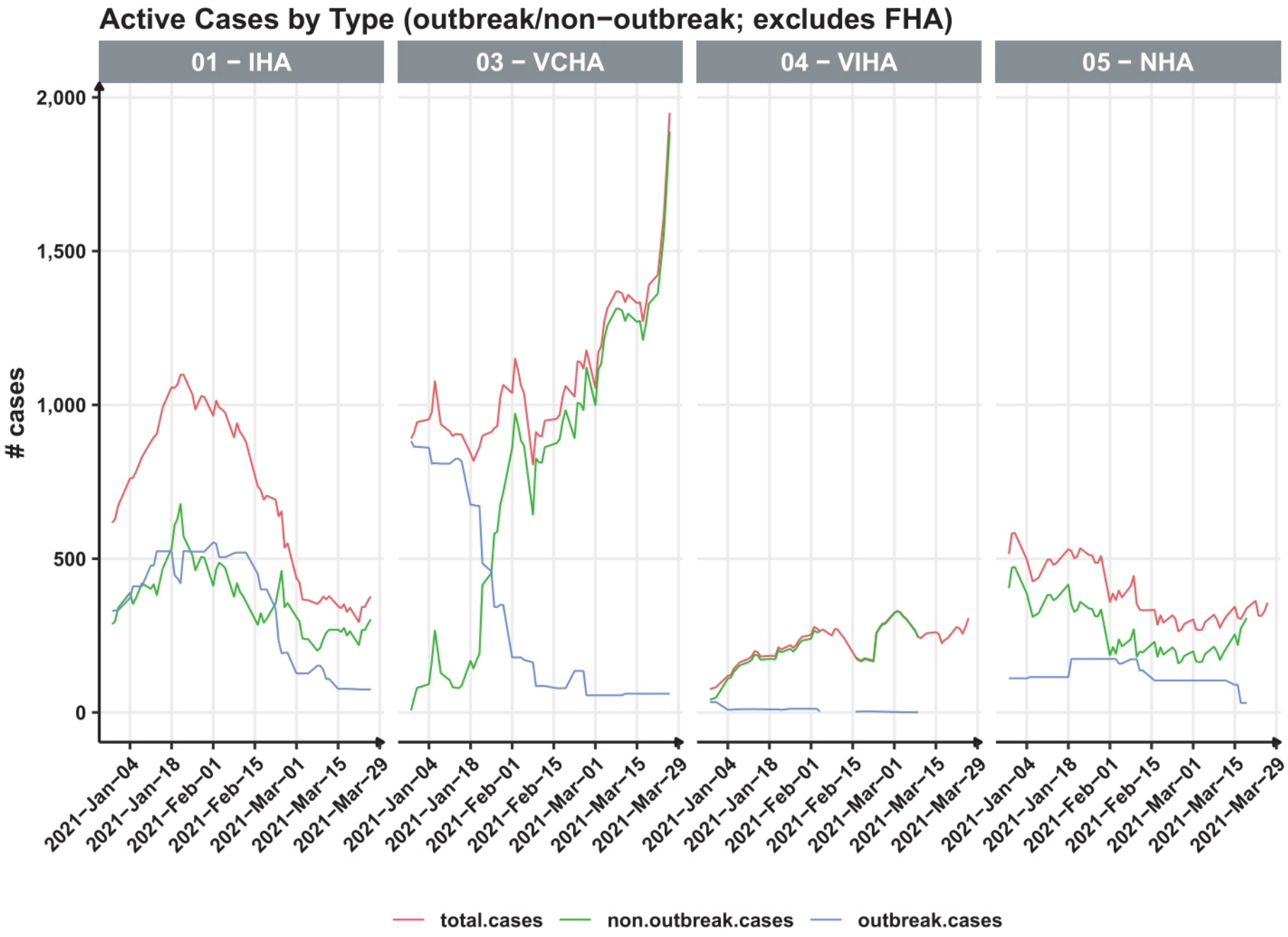
1 Active Cases

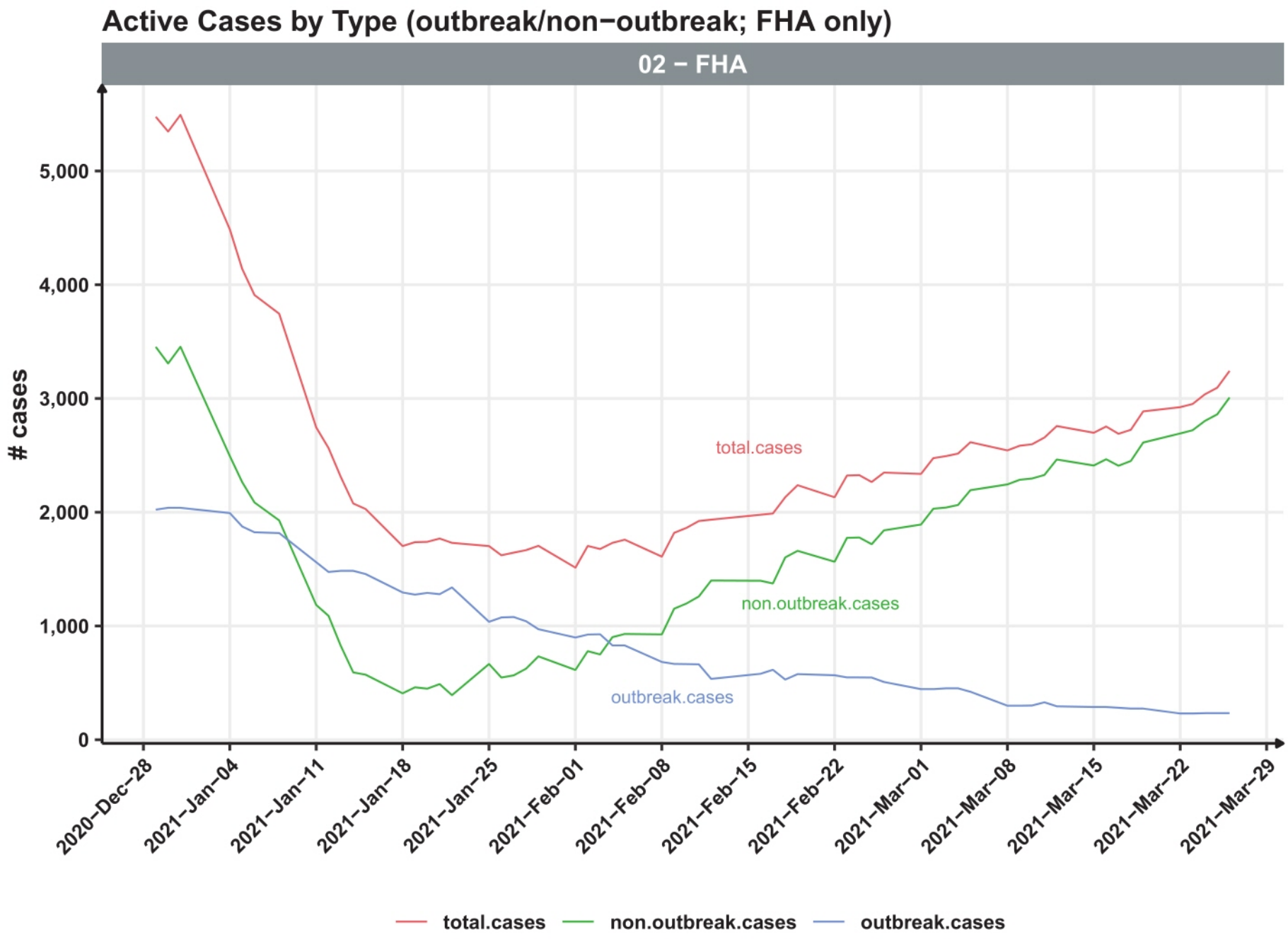


2 Trend Summary

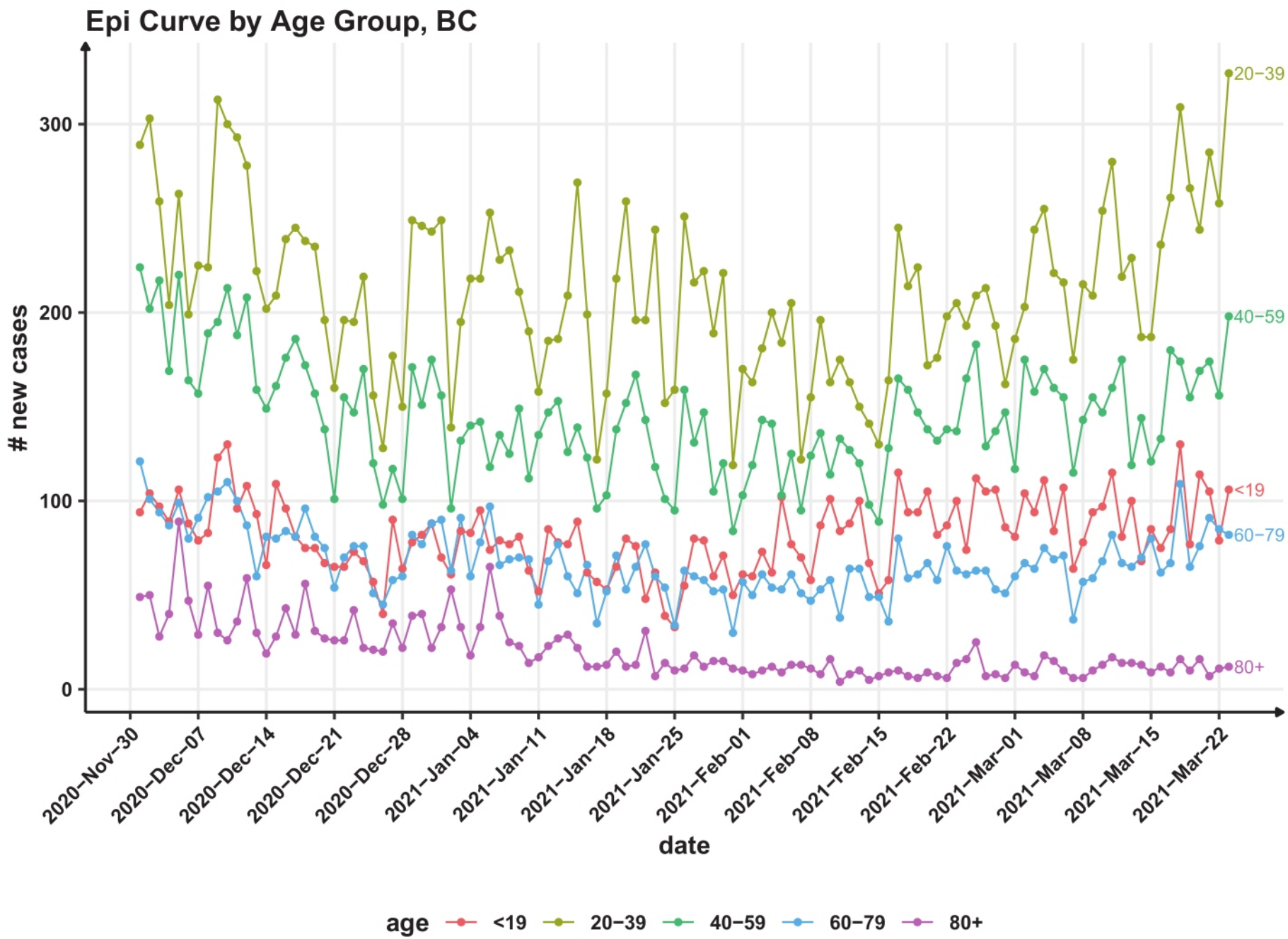


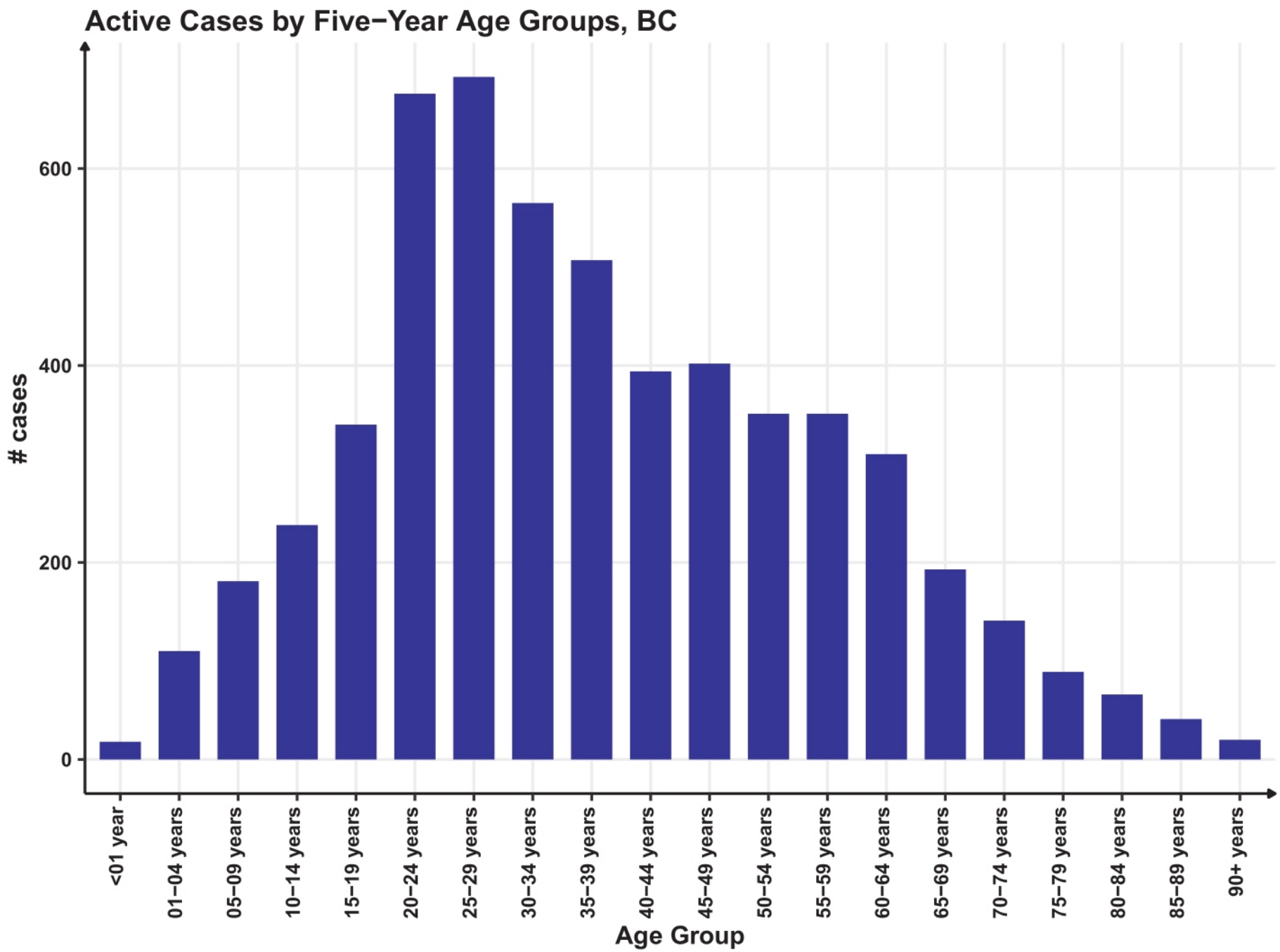

Total Active Cases (IHA, VCHA, VIHA, NHA)
cases
2,000
1,500
1,000
500
0
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
01 − IHA
03 − VCHA
04 − VIHA
05 − NHA

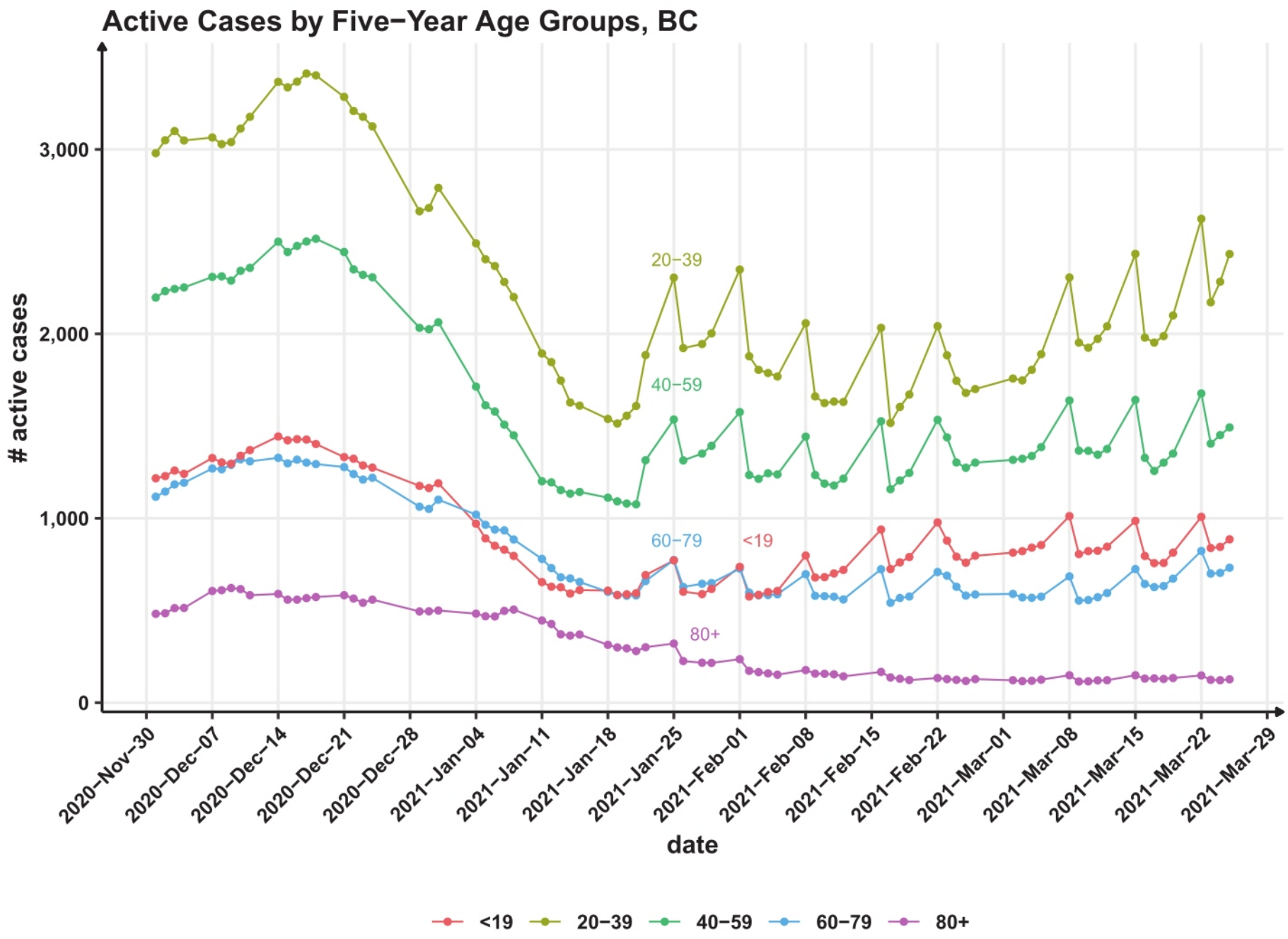

Active Cases by Type (outbreak/non−outbreak; excludes FHA)
01 − IHA
03 − VCHA
04 − VIHA
05 − NHA
cases
2,000
1,500
1,000
500
0
2021−Jan−04
2021−Jan−18
2021−Feb−01
2021−Feb−15
2021−Mar−01
2021−Mar−15
2021−Mar−29
total.cases
non.outbreak.cases
outbreak.cases


Active Cases by Type (outbreak/non−outbreak; FHA only)
02 − FHA
cases
5,000
4,000
3,000
2,000
1,000
0
total.cases
non.outbreak.cases
outbreak.cases
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
total.cases
non.outbreak.cases
outbreak.cases

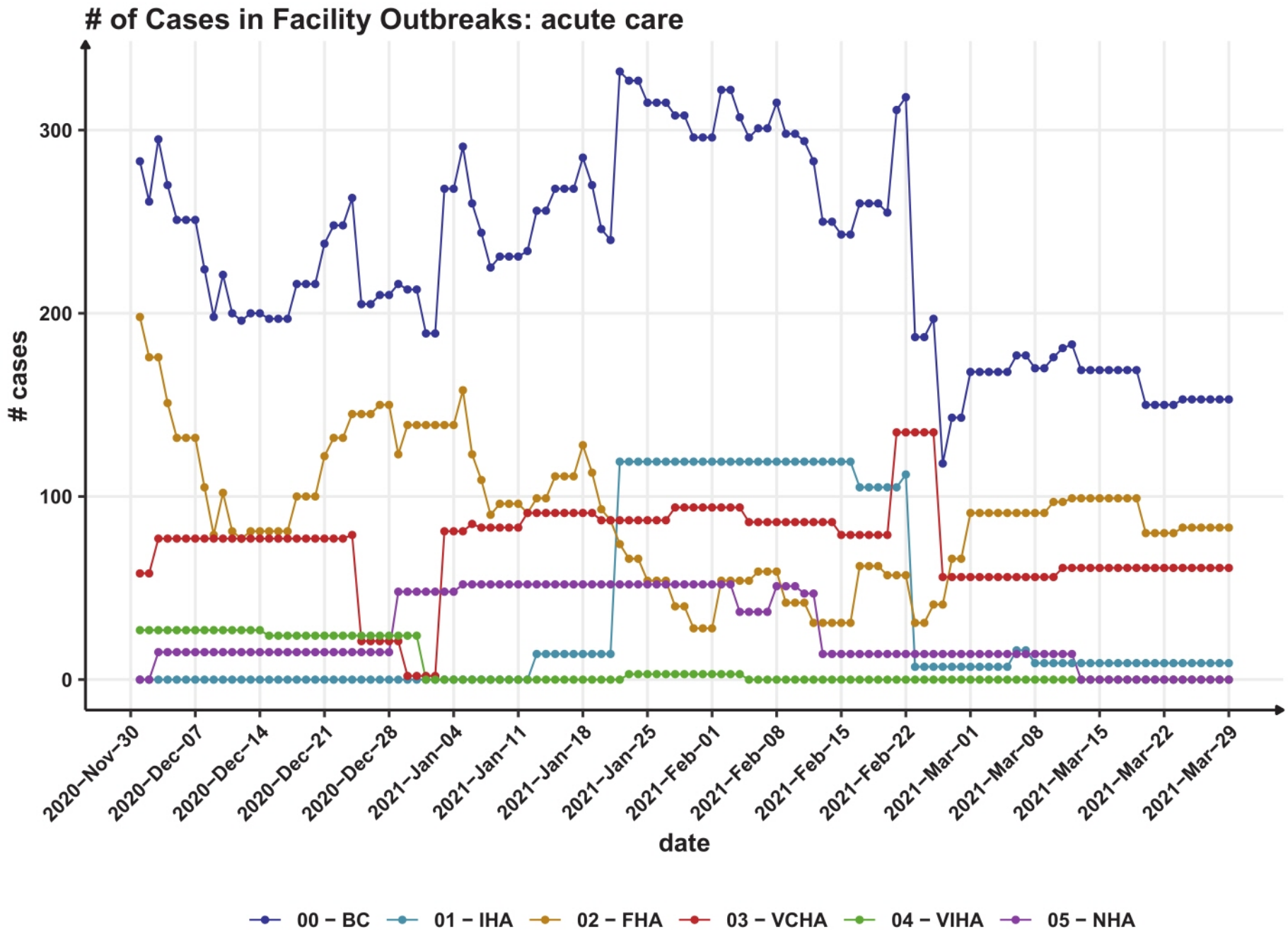
3 New Cases by Age Group

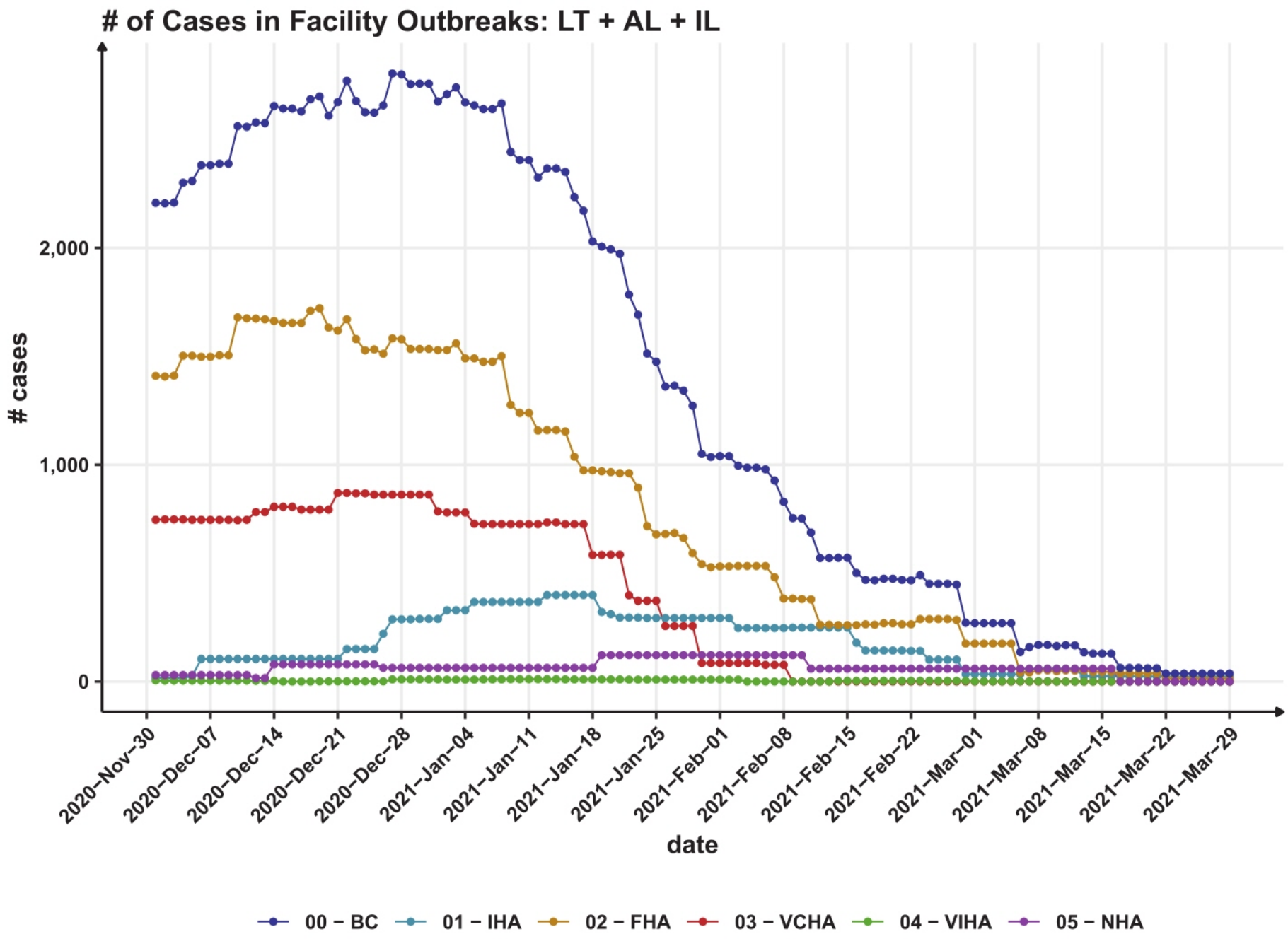


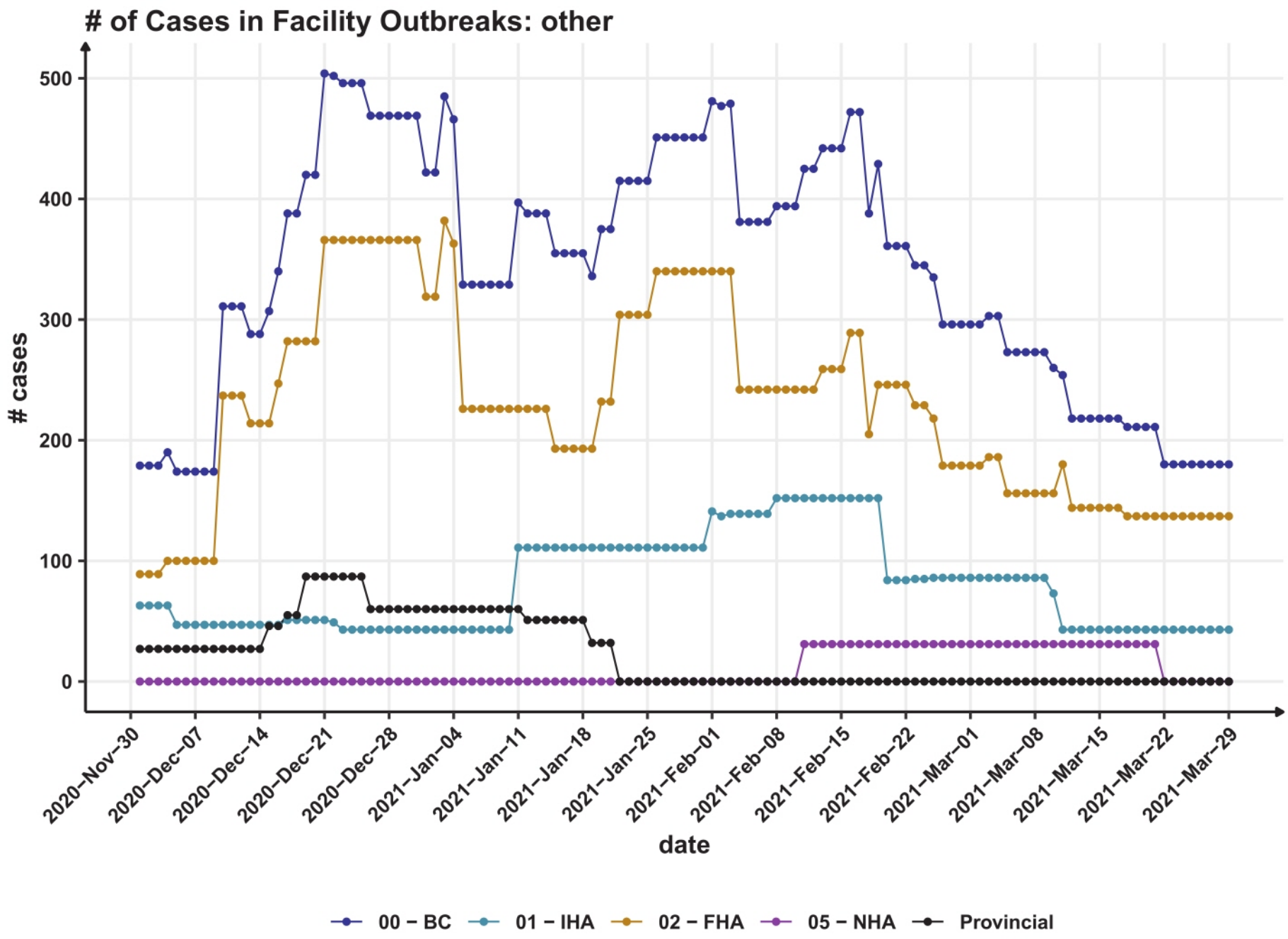

Active Cases by Five−Year Age Groups, BC
cases
600
400
200
0
<01 year
01−04 years
05−09 years
10−14 years
15−19 years
20−24 years
25−29 years
30−34 years
35−39 years
40−44 years
45−49 years
50−54 years
55−59 years
60−64 years
65−69 years
70−74 years
75−79 years
80−84 years
85−89 years
90+ years
Age Group


Active Cases by Five−Year Age Groups, BC
active cases
3,000
2,000
1,000
0
20−39
40−59
60−79
<19
80+
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
date
<19
20−39
40−59
60−79
80+

4 Outbreaks


# of Cases in Facility Outbreaks: acute care
cases
300
200
100
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
date
00 − BC
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA


# of Cases in Facility Outbreaks: LT + AL + IL
cases
2,000
1,000
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
date
00 − BC
01 − IHA
02 − FHA
03 − VCHA
04 − VIHA
05 − NHA


# of Cases in Facility Outbreaks: other
cases
500
400
300
200
100
0
2020−Nov−30
2020−Dec−07
2020−Dec−14
2020−Dec−21
2020−Dec−28
2021−Jan−04
2021−Jan−11
2021−Jan−18
2021−Jan−25
2021−Feb−01
2021−Feb−08
2021−Feb−15
2021−Feb−22
2021−Mar−01
2021−Mar−08
2021−Mar−15
2021−Mar−22
2021−Mar−29
date
00 − BC
01 − IHA
02 − FHA
05 − NHA
Provincial

Cameron, Jessica HLTH:EX

From: Henry, Bonnie HLTH:EX
Sent: March 29, 2021 3:55 PM
To: 'Gustafson, Reka [BCCDC]'; XT:Naus, Monika HLTH:IN; Jack, Kirsty HLTH:EX; Hrycuik, Lorie HLTH:EX; Daly, Patty [VCH]; 'De Villiers, Albert'; XT:HLTH Brodkin, Elizabeth; XT:Kim, Jong EHS:IN; cleaver, dennis [NHA]; XT:ODonnell, Maureen HLTH:IN; XT:HLTH Stanwick, Richard
Cc: Rongve, Ian HLTH:EX; Brown, Stephen R HLTH:EX
Subject: RE: FOR INFO: Materials for Public Health Exec Cttee Mtg Mar. 29, 2021
Attachments: transmission by age.pdf

This is an interesting paper on age driving transmission.
My best,
Bonnie

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health
4th floor, 1515 Blanshard St
Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca

Phone s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

---

From: Gustafson, Reka [BCCDC]
Sent: March 29, 2021 2:17 PM
To: XT:Naus, Monika HLTH:IN ; Jack, Kirsty HLTH:EX ; Hrycuik, Lorie HLTH:EX ; Daly, Patty [VCH] ; 'De Villiers, Albert' ; XT:HLTH Brodkin, Elizabeth ; XT:Kim, Jong EHS:IN ; cleaver, dennis [NHA] ; XT:ODonnell, Maureen HLTH:IN ; XT:HLTH Stanwick, Richard ; Henry, Bonnie HLTH:EX
Cc: Sagar, Brian HLTH:EX ; Achampong, Bernard HLTH:EX ; Robinson, Jonathan M HLTH:EX ; Sterloff, Trish HLTH:EX ; Emerson, Brian P HLTH:EX ; Lavoie, Martin HLTH:EX ; Jepsen, Donna HLTH:EX
Subject: RE: FOR INFO: Materials for Public Health Exec Cttee Mtg Mar. 29, 2021

Hi Everyone,

I wanted to share a next version of the letter based on some feedback I received. I'd like to know if this meets your needs and/or if you have any additions or deletions to suggest in the next 30 min.

Thank you,

Reka

Dr. Réka Gustafson MD FRCPC
Vice President, Public Health and Wellness, PHSA & Deputy Provincial Health Officer
Provincial Health Services Authority

From: Naus, Monika [BCCDC]
Sent: Monday, March 29, 2021 1:12 PM
To: Jack, Kirsty [EX] <Kirsty.Jack@gov.bc.ca>; Hrycuik, Lorie [EXT] <Lorie.Hrycuik@gov.bc.ca>; Daly, Patty [VCH] <Patricia.Daly@vch.ca>; 'De Villiers, Albert' <Albert.DeVilliers@interiorhealth.ca>; Brodkin, Elizabeth Dr. [FH] <Elizabeth.Brodkin@fraserhealth.ca>; Kim, Jong [NHA] <Jong.Kim@northernhealth.ca>; cleaver, dennis [NHA] <dennis.cleaver@northernhealth.ca>; O'Donnell, Maureen [PHSA] <modonnell@phsa.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; Stanwick, Richard (Dr) [VIHA] <Richard.Stanwick@viha.ca>; Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>
Cc: Brian.Sagar [EXT] <Brian.Sagar@gov.bc.ca>; Achampong, Bernard <Bernard.Achampong@gov.bc.ca>; Jonathan.Robinson@gov.bc.ca [EXT] <Jonathan.Robinson@gov.bc.ca>; sterloff, trish [BCCDC] <trish.sterloff@gov.bc.ca>; Emerson, Brian [EXT] <Brian.Emerson@gov.bc.ca>; Lavoie, Martin <Martin.Lavoie@gov.bc.ca>; donna.jepsen@gov.bc.ca [EXT] <donna.jepsen@gov.bc.ca>
Subject: RE: FOR INFO: Materials for Public Health Exec Cttee Mtg Mar. 29, 2021

Here is a shorter version of the 'dear doctor' letter.

Thank you,
Monika

Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540
Cell s.22
Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Jack, Kirsty HLTH:EX <Kirsty.Jack@gov.bc.ca>
Sent: Monday, March 29, 2021 11:12 AM
To: Hrycuik, Lorie [EXT] <Lorie.Hrycuik@gov.bc.ca>; Daly, Patty [VCH] <Patricia.Daly@vch.ca>; 'De Villiers, Albert' <Albert.DeVilliers@interiorhealth.ca>; Brodkin, Elizabeth Dr. [FH] <Elizabeth.Brodkin@fraserhealth.ca>; Kim, Jong [NHA] <Jong.Kim@northernhealth.ca>; cleaver, dennis [NHA] <dennis.cleaver@northernhealth.ca>; O'Donnell, Maureen [PHSA] <modonnell@phsa.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; Stanwick, Richard (Dr) [VIHA] <Richard.Stanwick@viha.ca>; Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>; Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Cc: Brian.Sagar [EXT] <Brian.Sagar@gov.bc.ca>; Achampong, Bernard <Bernard.Achampong@gov.bc.ca>; Jonathan.Robinson@gov.bc.ca [EXT] <Jonathan.Robinson@gov.bc.ca>; sterloff, trish [BCCDC] <trish.sterloff@gov.bc.ca>; Emerson, Brian [EXT] <Brian.Emerson@gov.bc.ca>; Lavoie, Martin

<Martin.Lavoie@gov.bc.ca>; donna.jepsen@gov.bc.ca [EXT] <donna.jepsen@gov.bc.ca>
Subject: FOR INFO: Materials for Public Health Exec Cttee Mtg Mar. 29, 2021

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and **do not** open attachments or click on links.

Hello,

Please see the attached documents for your reference for today's PHEC meeting March 29, 2021 at 11:30a.m.

Thank you,
Kirsty

Kirsty Jack, MPH
Policy Analyst, Immunizations
Population and Public Health Division
BC Ministry of Health
ph: 250-978-9650

I acknowledge with respect I work and live on the traditional territory of the Lekwungen (Songhees, Esquimalt) and W̱SÁNEĆ peoples

RESEARCH ARTICLE SUMMARY

CORONAVIRUS

Age groups that sustain resurging COVID-19 epidemics in the United States

Page 163 of 175 to/à Page 173 of 175

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18 September 2020; accepted 27 January 2021
Published online 2 February 2021
10.1126/science.abe8372

Science

Age groups that sustain resurging COVID-19 epidemics in the United States

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