



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

February 2022





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This database is updated on a regular basis. Figures and tables provided in this Monthly Report represent the best estimates available at the time this document was generated.

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Please note that the figures and graphs in this document are best viewed in colour.

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Funding for the BC Centre for Excellence in HIV/AIDS is provided through Pharmacare and the Provincial Health Services Authority (PHSA)





EXECUTIVE SUMMARY

A key component of the BC Centre for Excellence in HIV/AIDS' (BC-CfE) mandate is to monitor the impact of HIV/AIDS in British Columbia. The BC-CfE provides essential information to local health authorities, treating physicians, and the community at large on an ongoing basis. The HIV/AIDS Drug Treatment Program (DTP) Update is one example of the BC-CfE's commitment to HIV-infected persons throughout the Province of British Columbia.

The DTP distributes anti-HIV drugs at no cost to eligible British Columbians. The DTP Update provides an important overview of available anti-HIV drugs, common drug combinations and distribution of active DTP participants throughout the province.

DTP participants are typically followed at three-monthly intervals at which time routine blood sampling is performed. Information from all recipients is entered into a database, providing data for clinical and virological outcome studies of patients receiving antiretroviral therapy. These studies form the basis of ongoing revisions to the BC-CfE's treatment guidelines.





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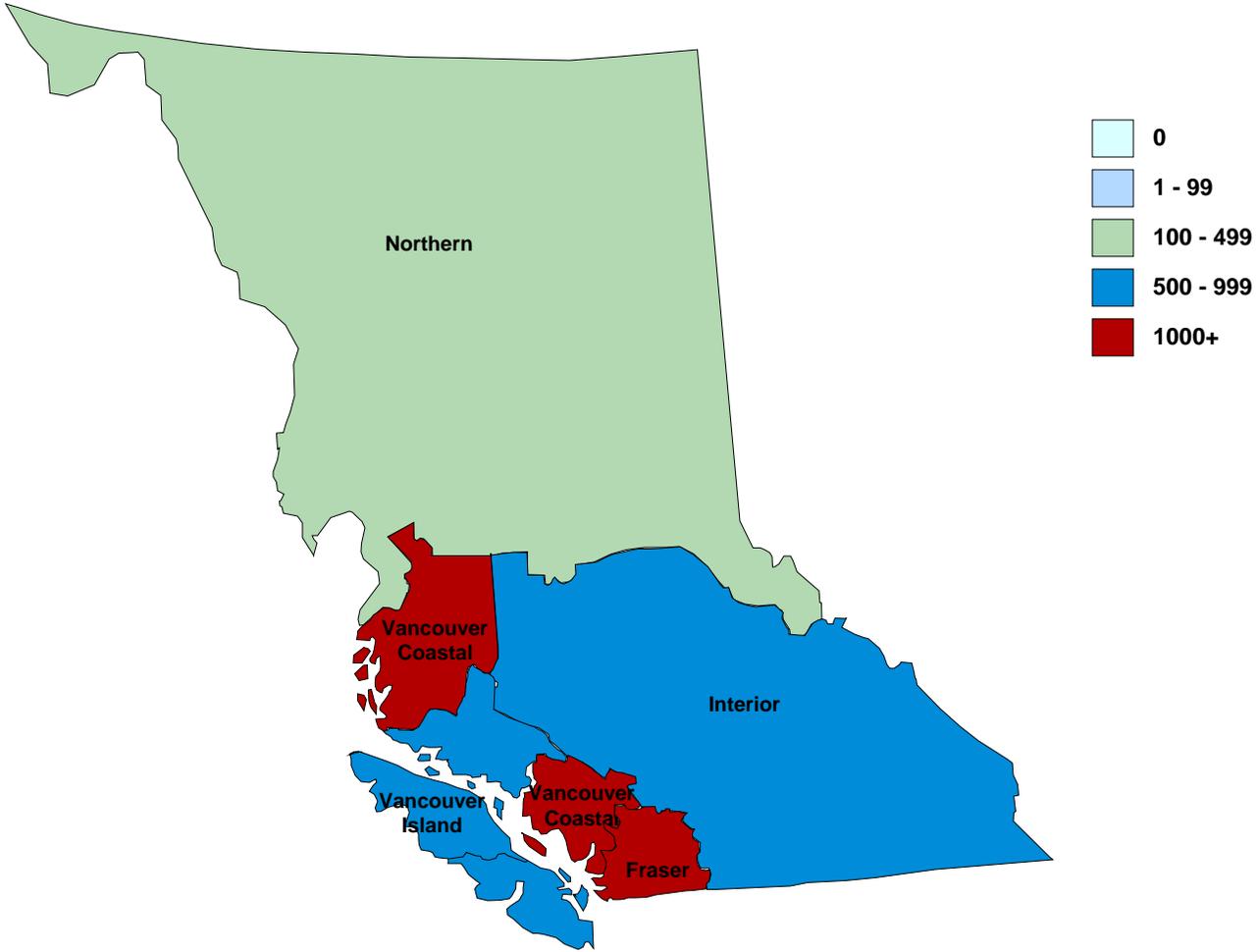




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

February 2022

N = 7393



Health Authority	Male	Female	All
FRASER	1452	444	1896
INTERIOR	434	108	542
NORTHERN	132	79	211
VANCOUVER COASTAL	3295	449	3744
VANCOUVER ISLAND	792	163	955
	6105	1243	7348
		Unknown/not stated:	45
		Total:	7393

Definitions:

On antiretroviral therapy defined as being on treatment in the current month

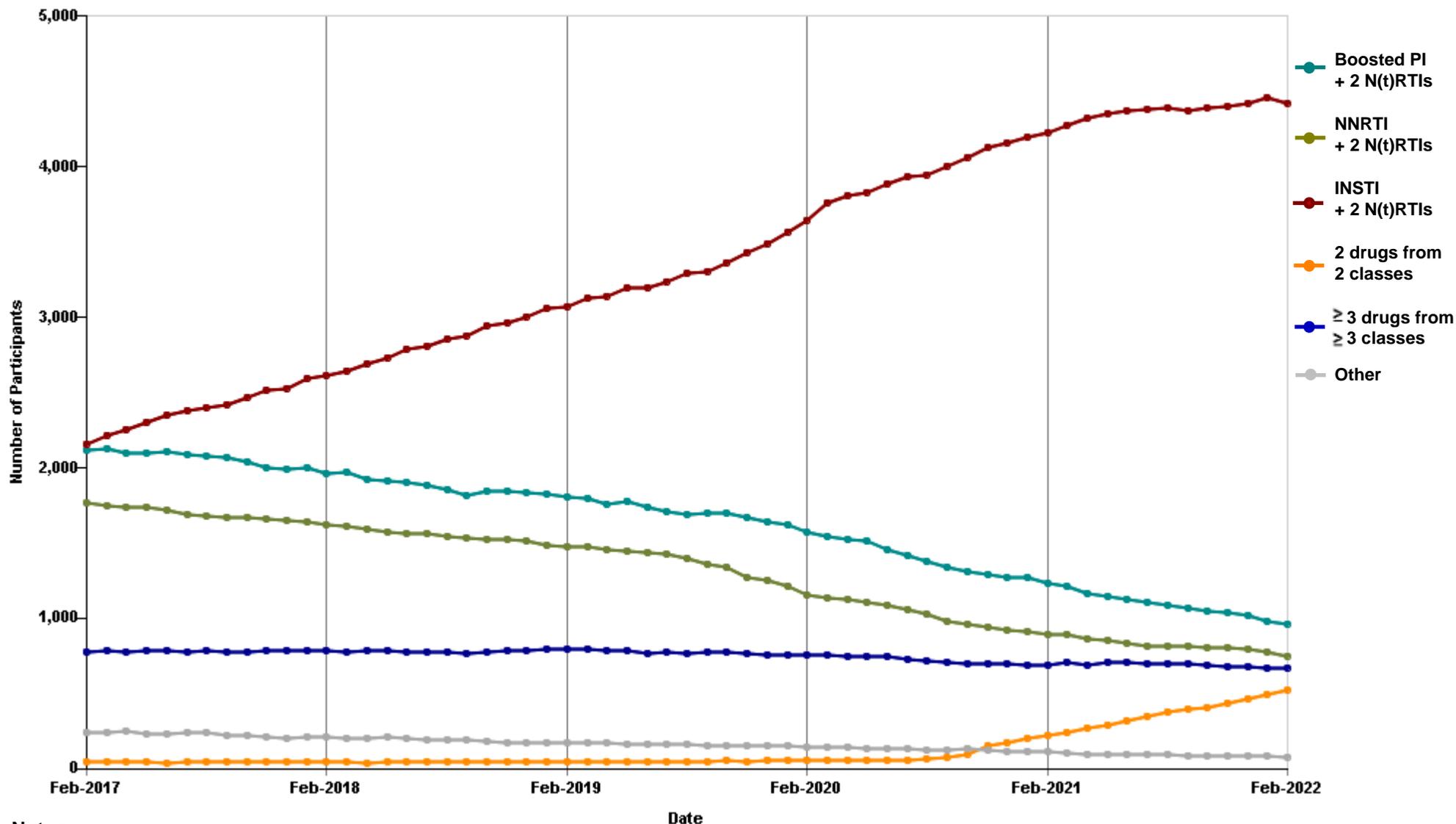
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (February 2017 - February 2022)



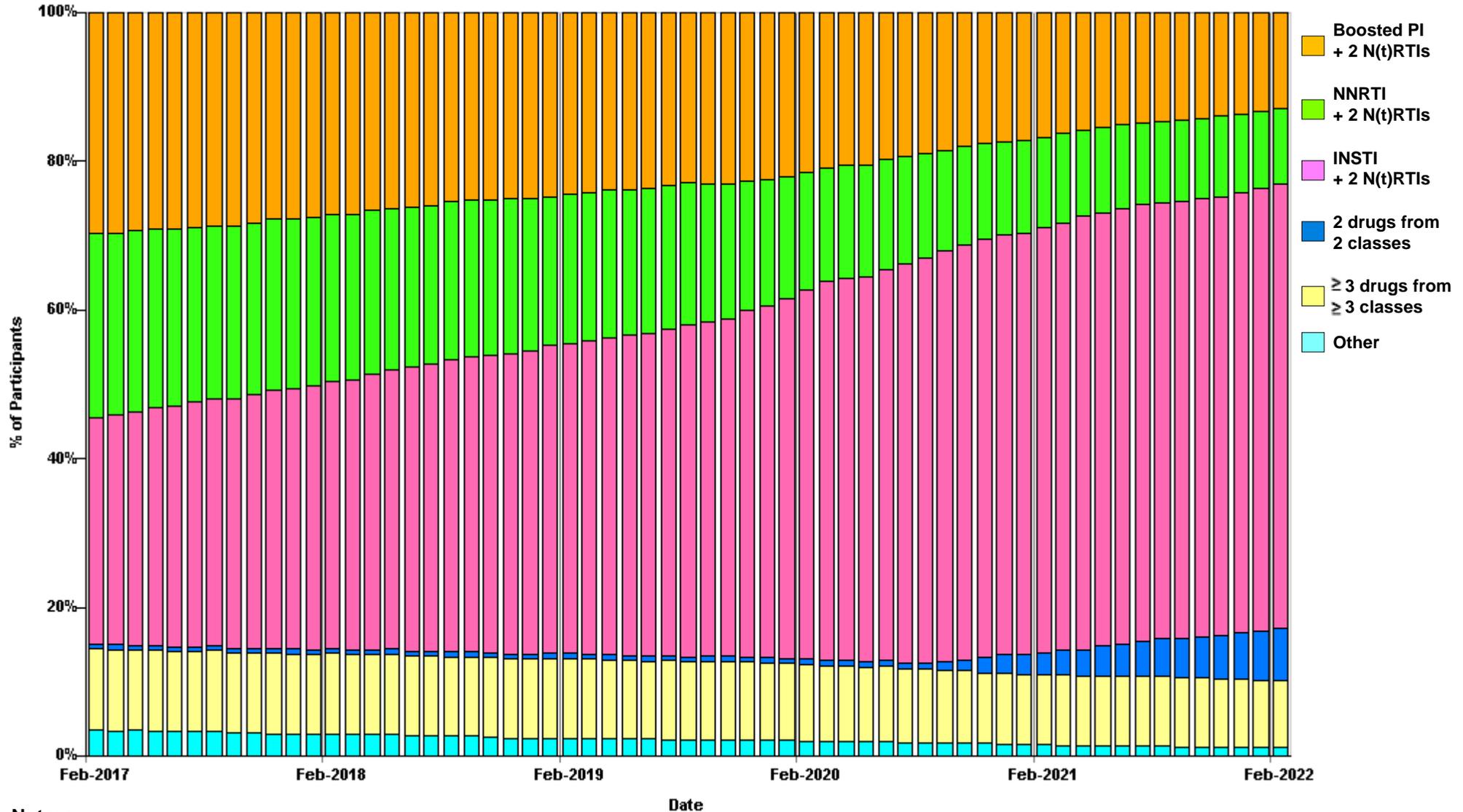
Notes:

Regimen categories may contain a small number of participants with undetermined regimen, due to medication change(s) within the month





1.3 Percent Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (February 2017 - February 2022)



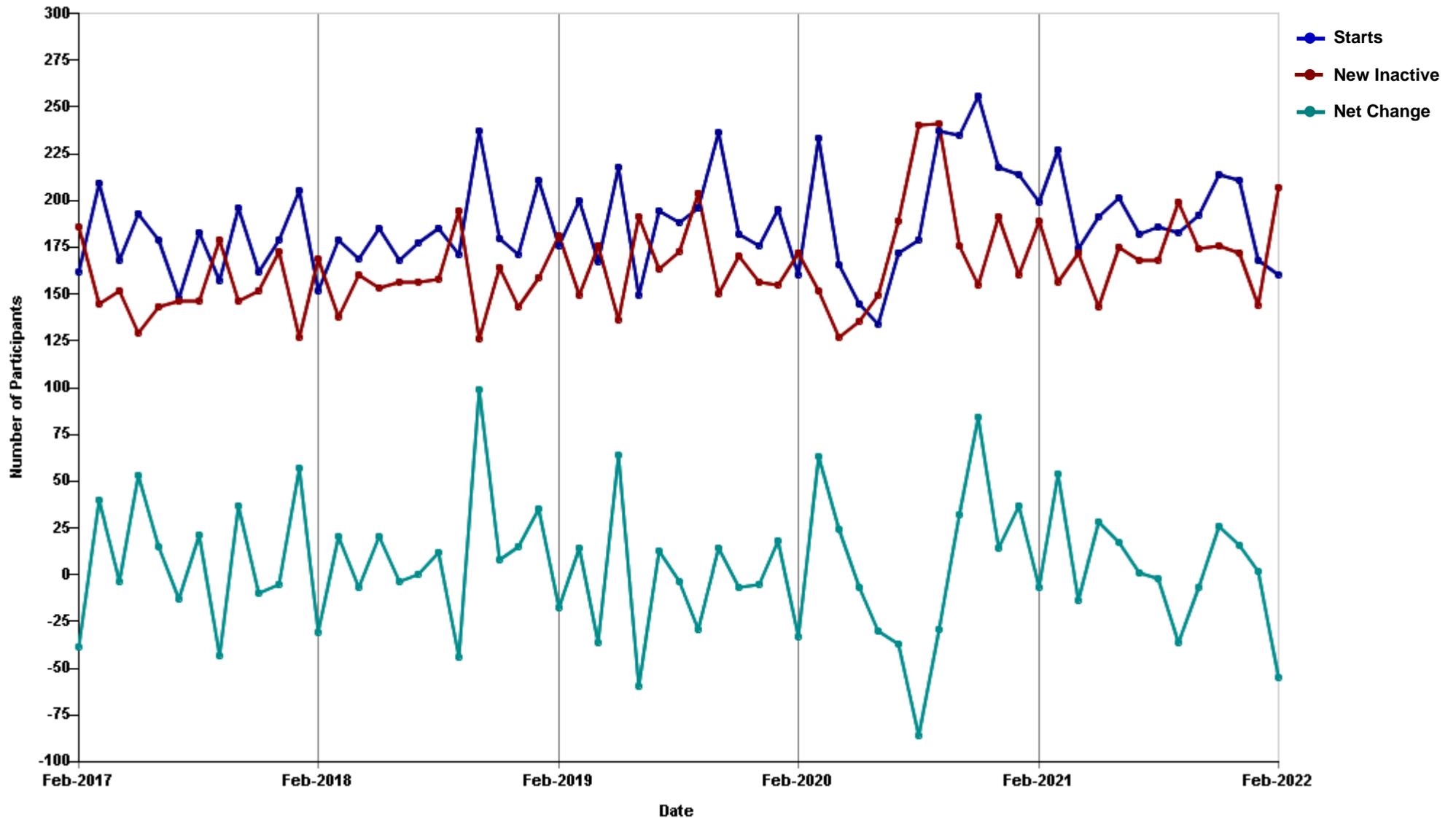
Notes:

Regimen categories may contain a small number of participants with undetermined regimen, due to medication change(s) within the month



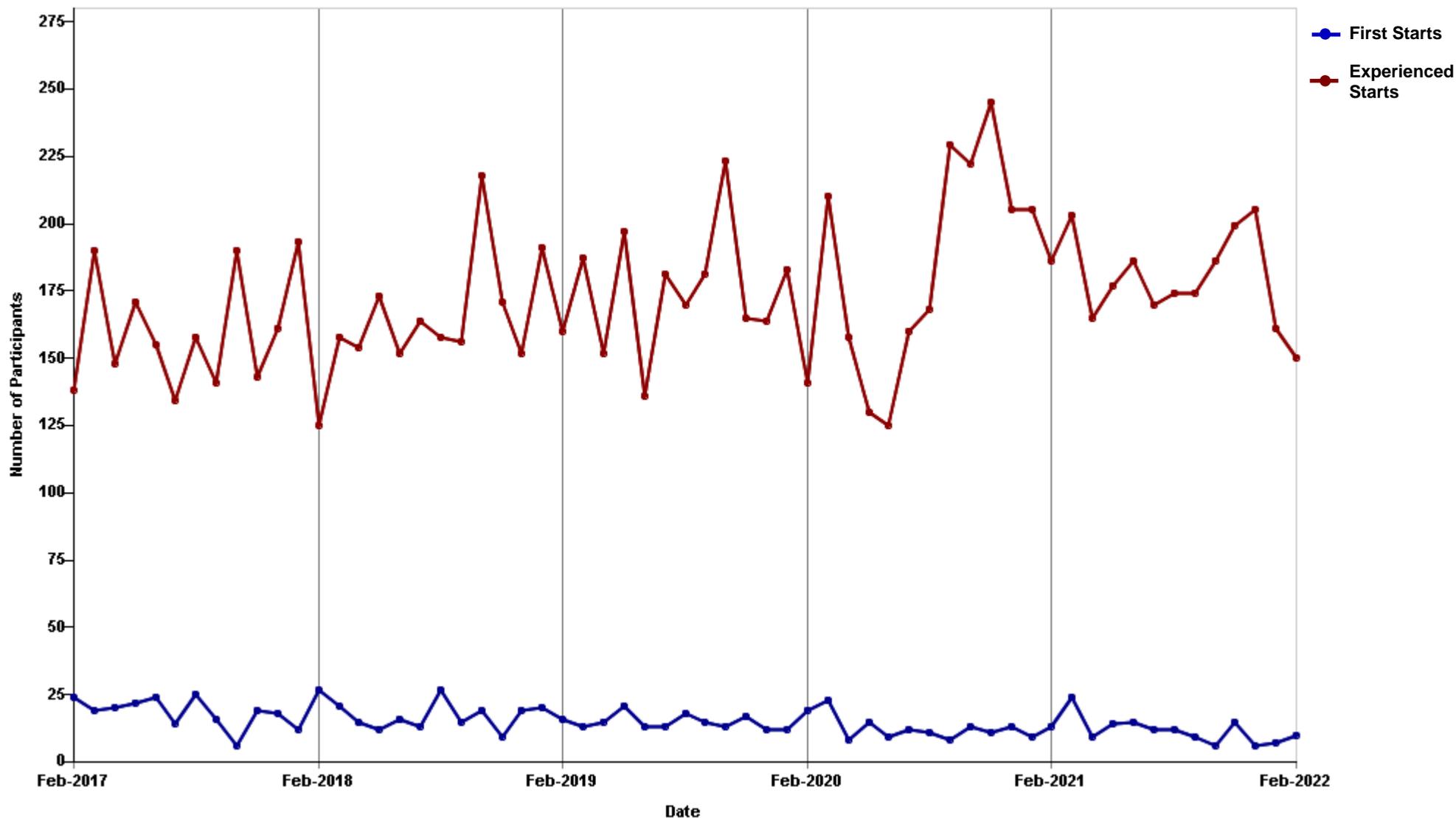


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (February 2017 - February 2022)



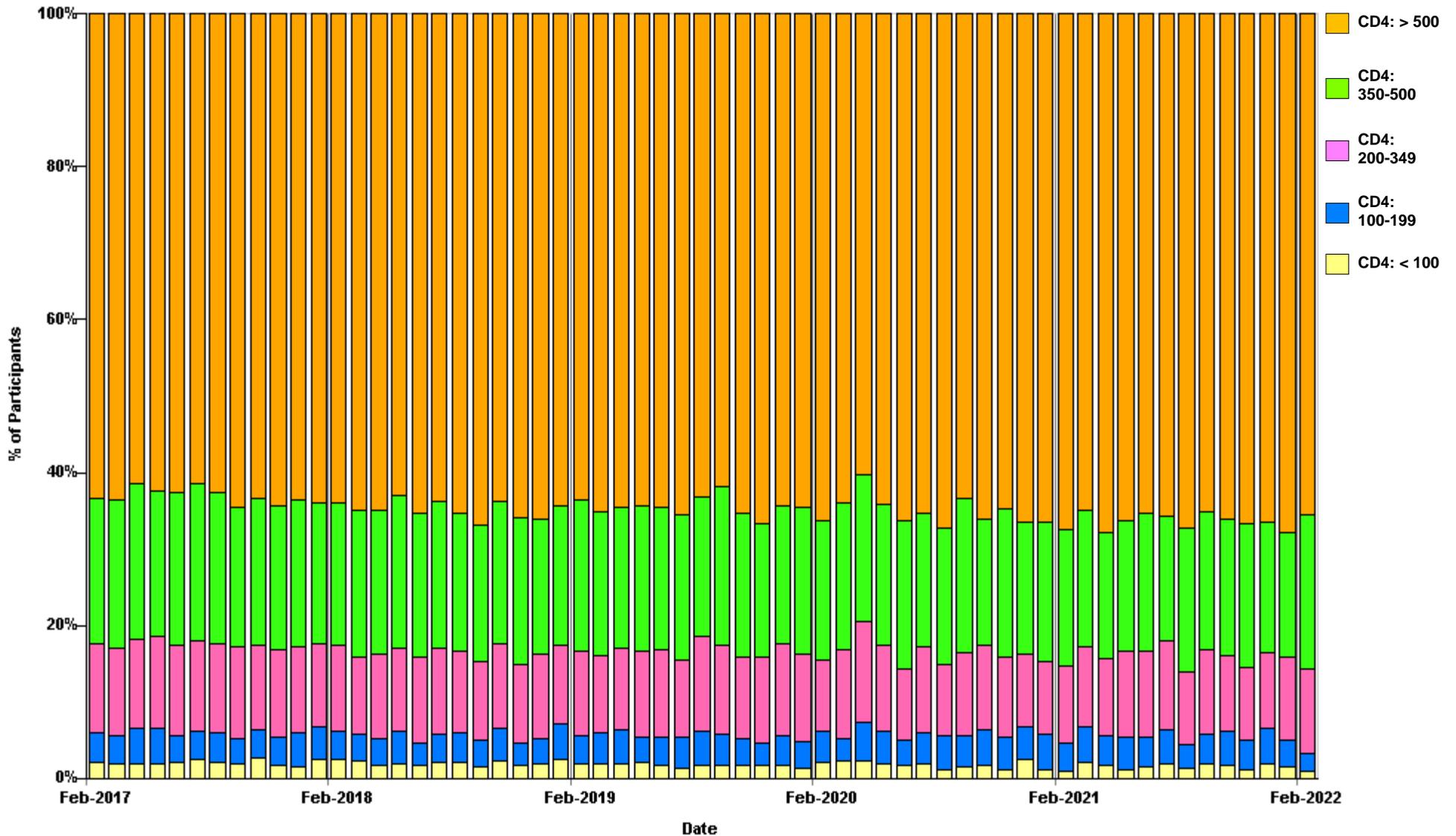


1.5 BC-CfE Enrolment: New Antiretroviral Participants (February 2017 - February 2022)



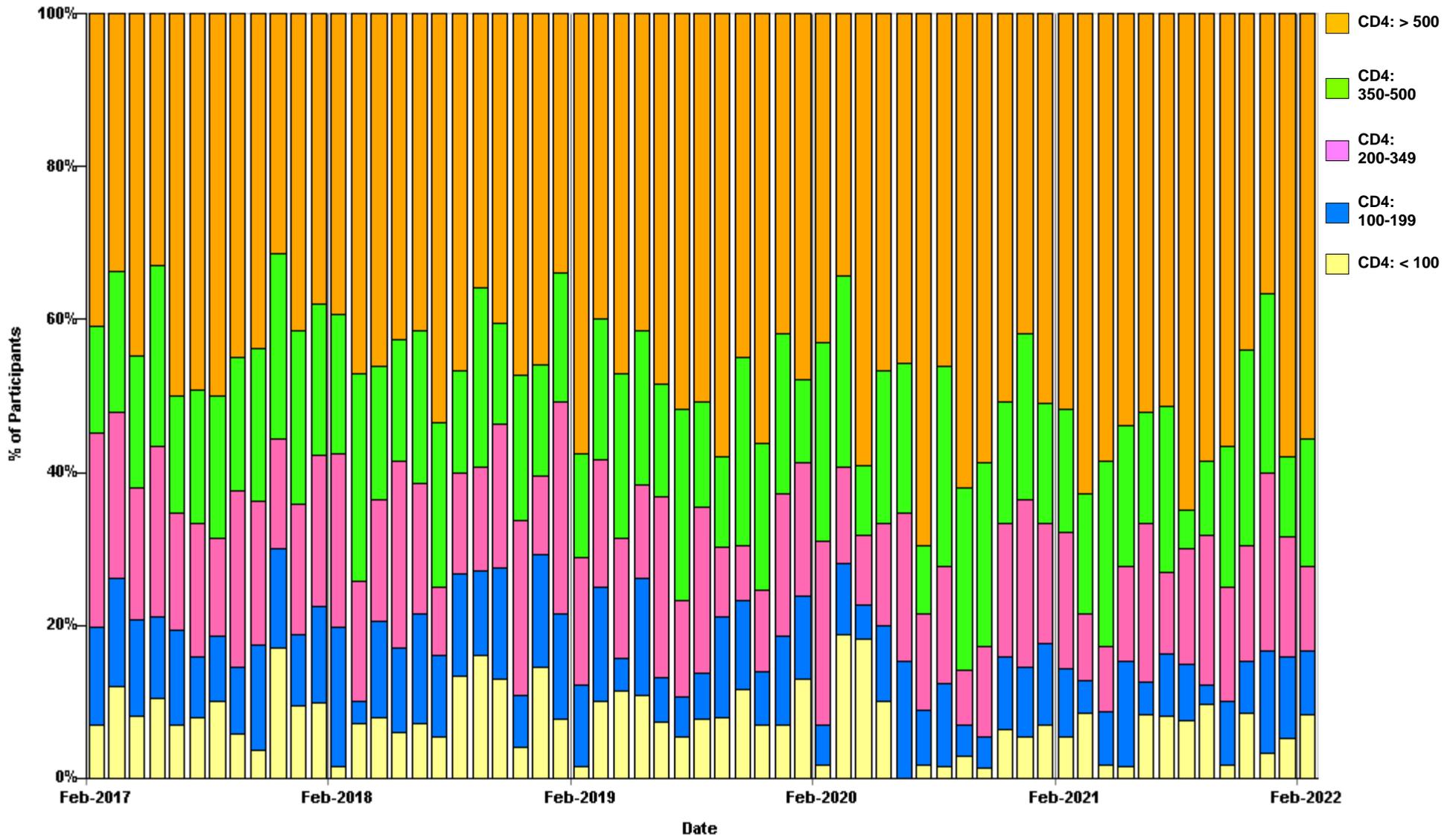


1.6 Percent Distribution of Active Participants by CD4 Count
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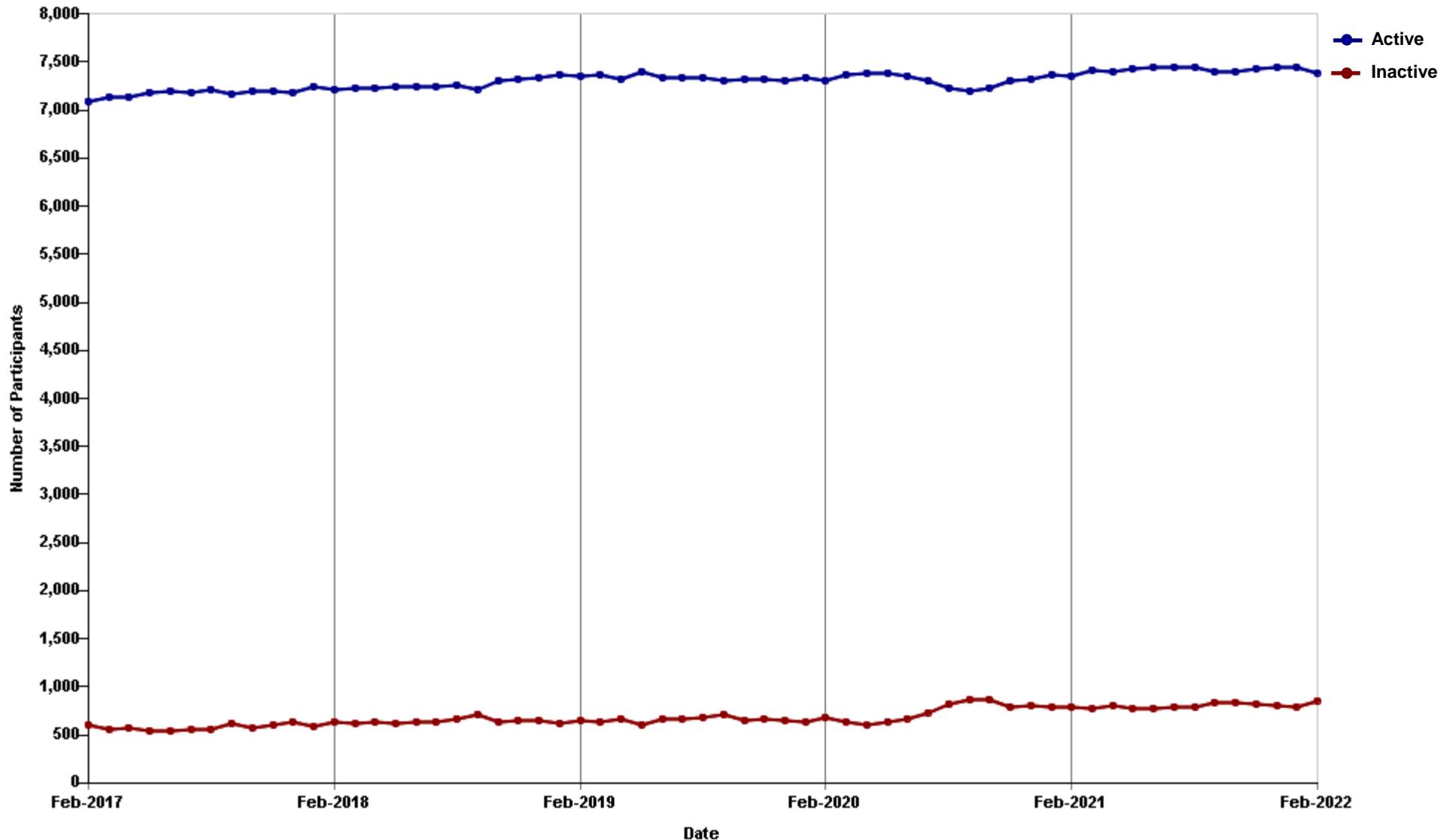


1.7 Percent Distribution of Inactive Participants by CD4 Count (February 2017 - February 2022)



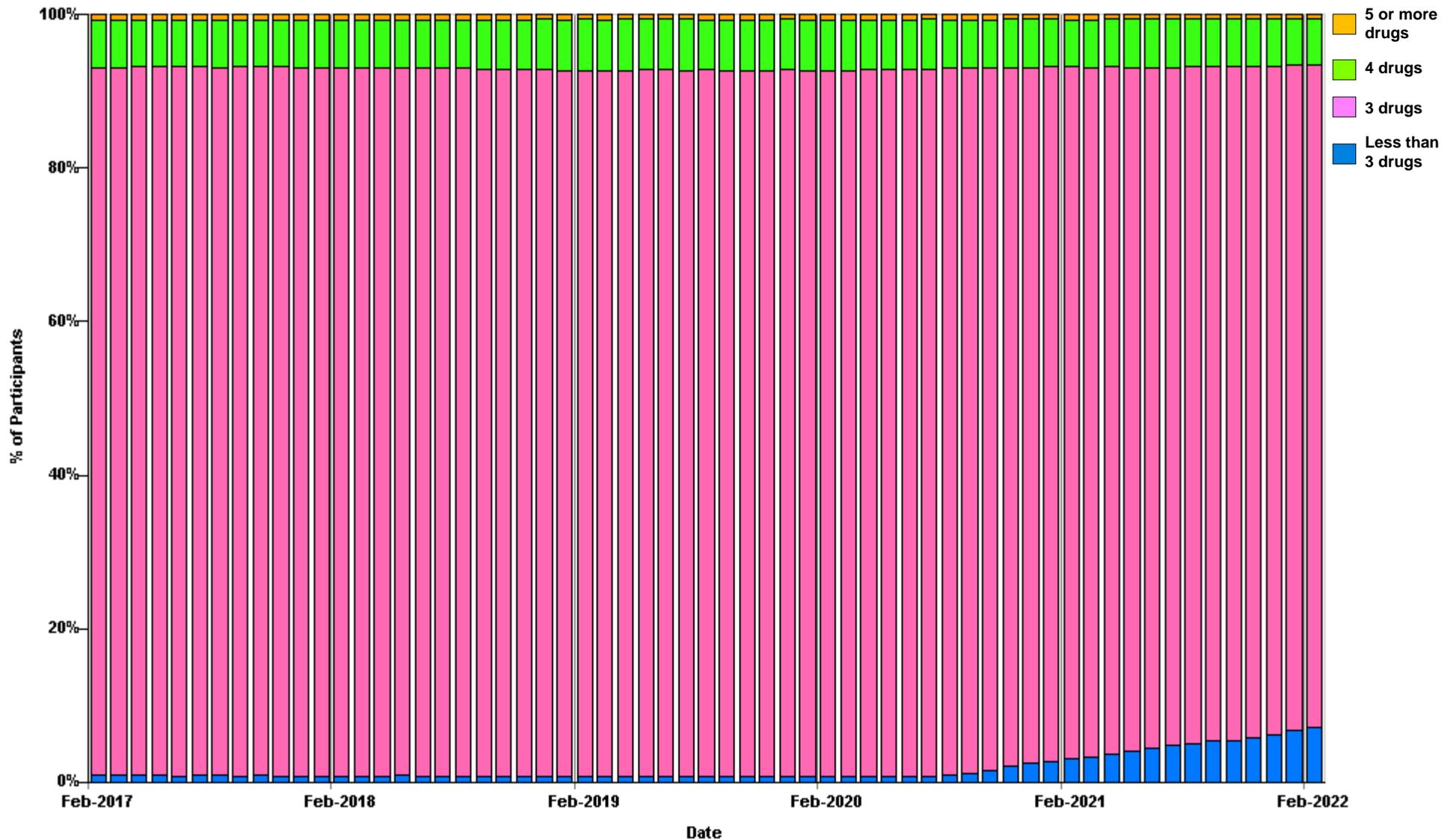


1.8 Active and Inactive Participants (February 2017 - February 2022)



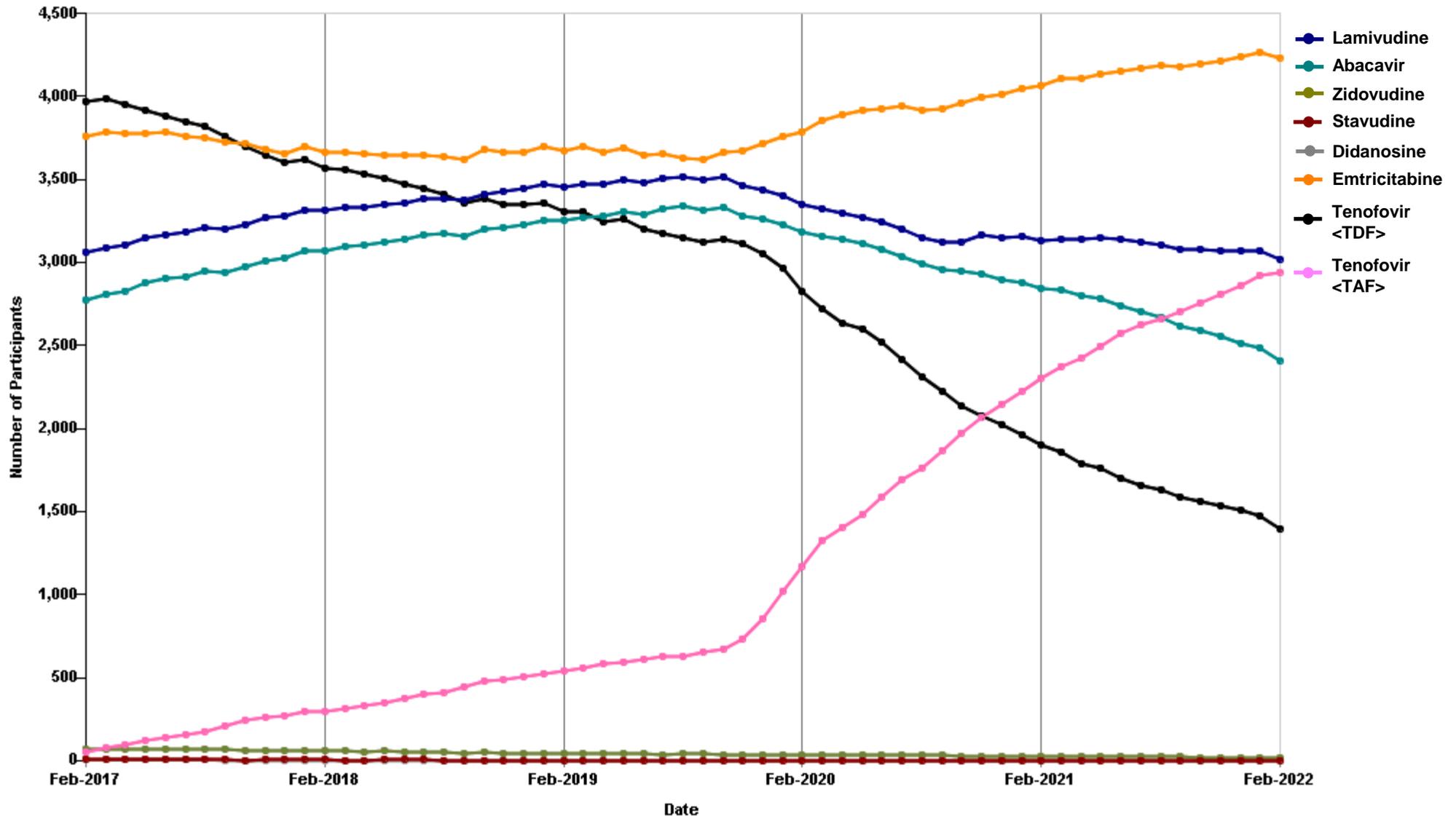


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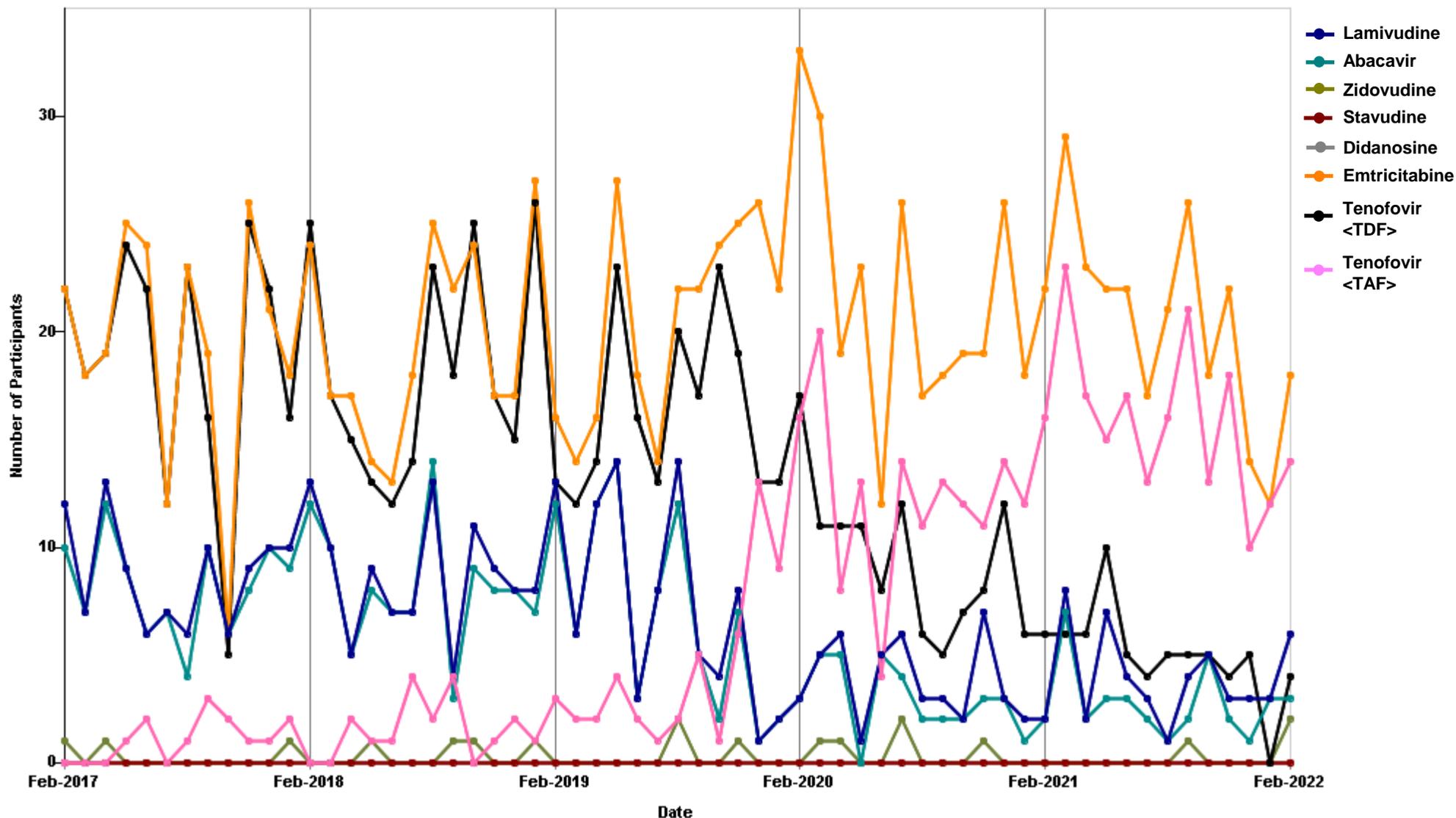
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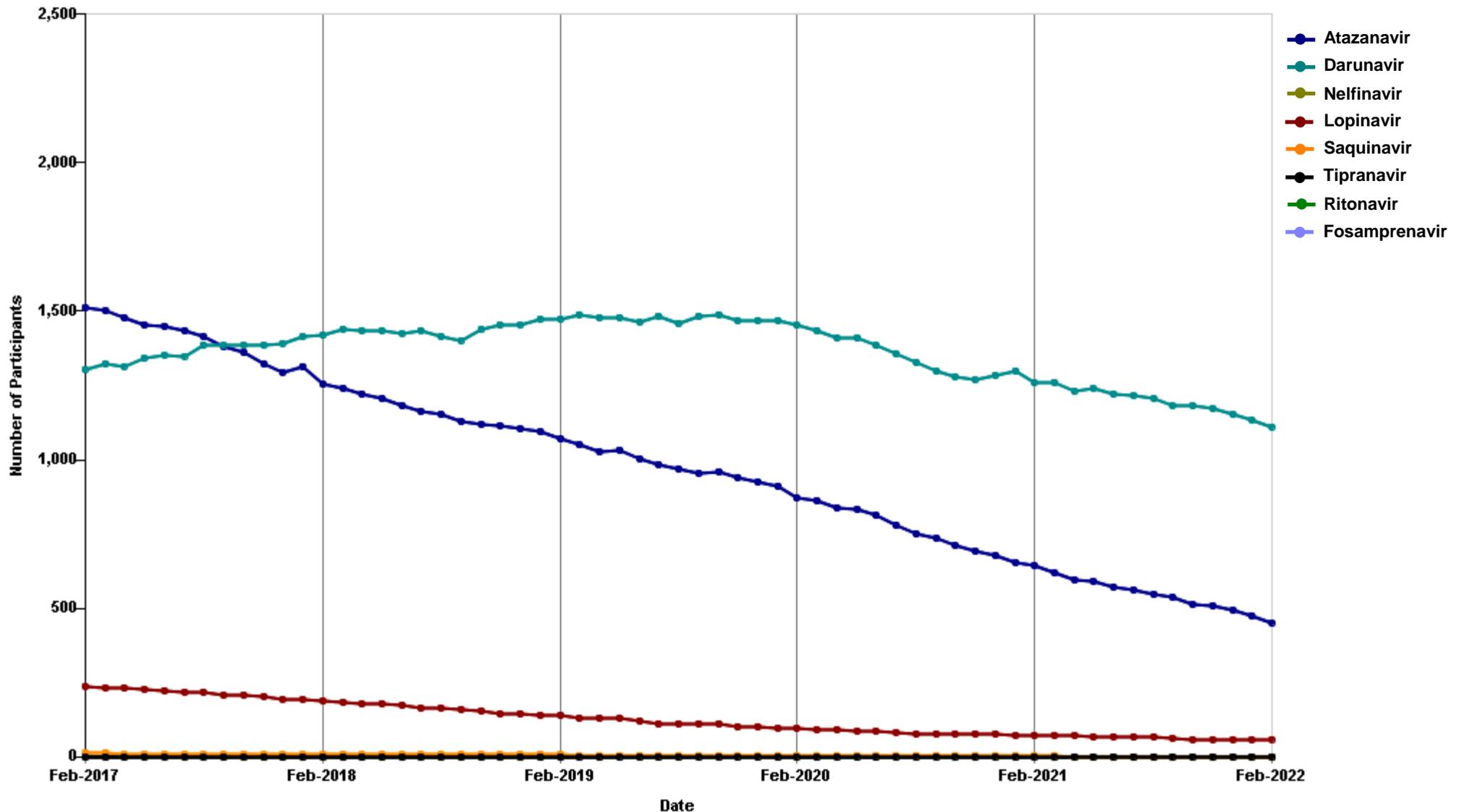
1.11 Distribution of Participants on Nucleoside/Nucleotide Analogues at the time of first start of ARV Therapy by INGREDIENT

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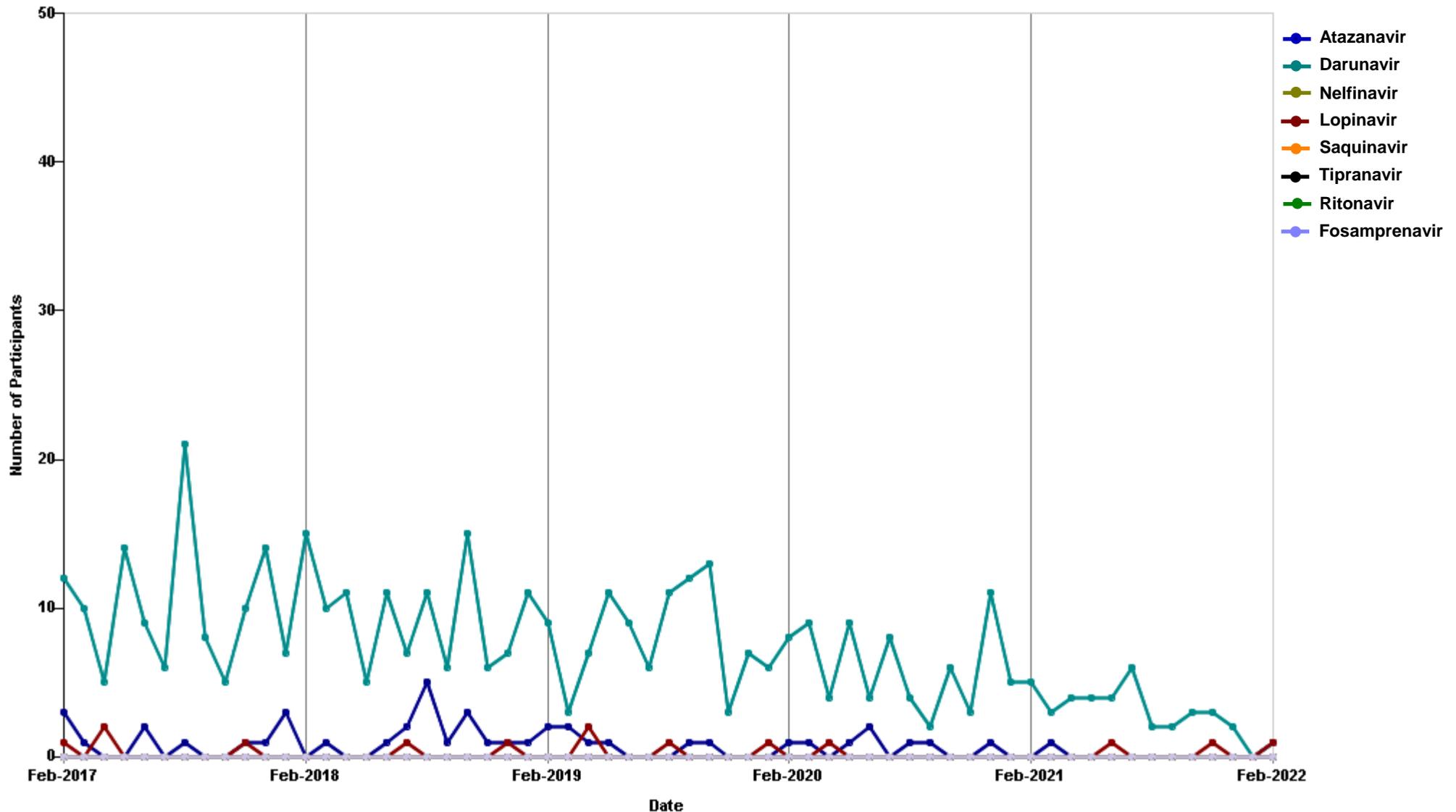
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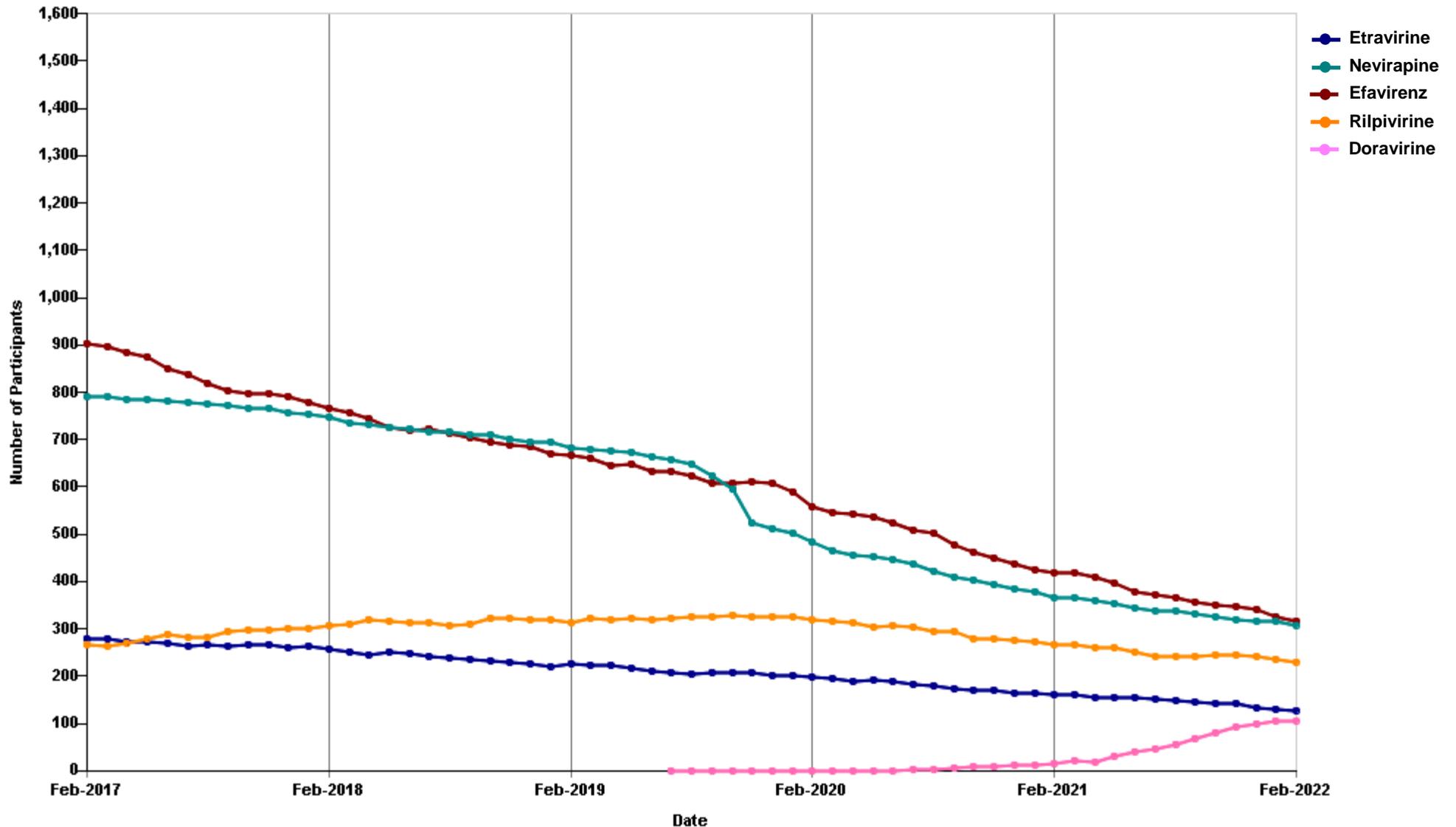
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

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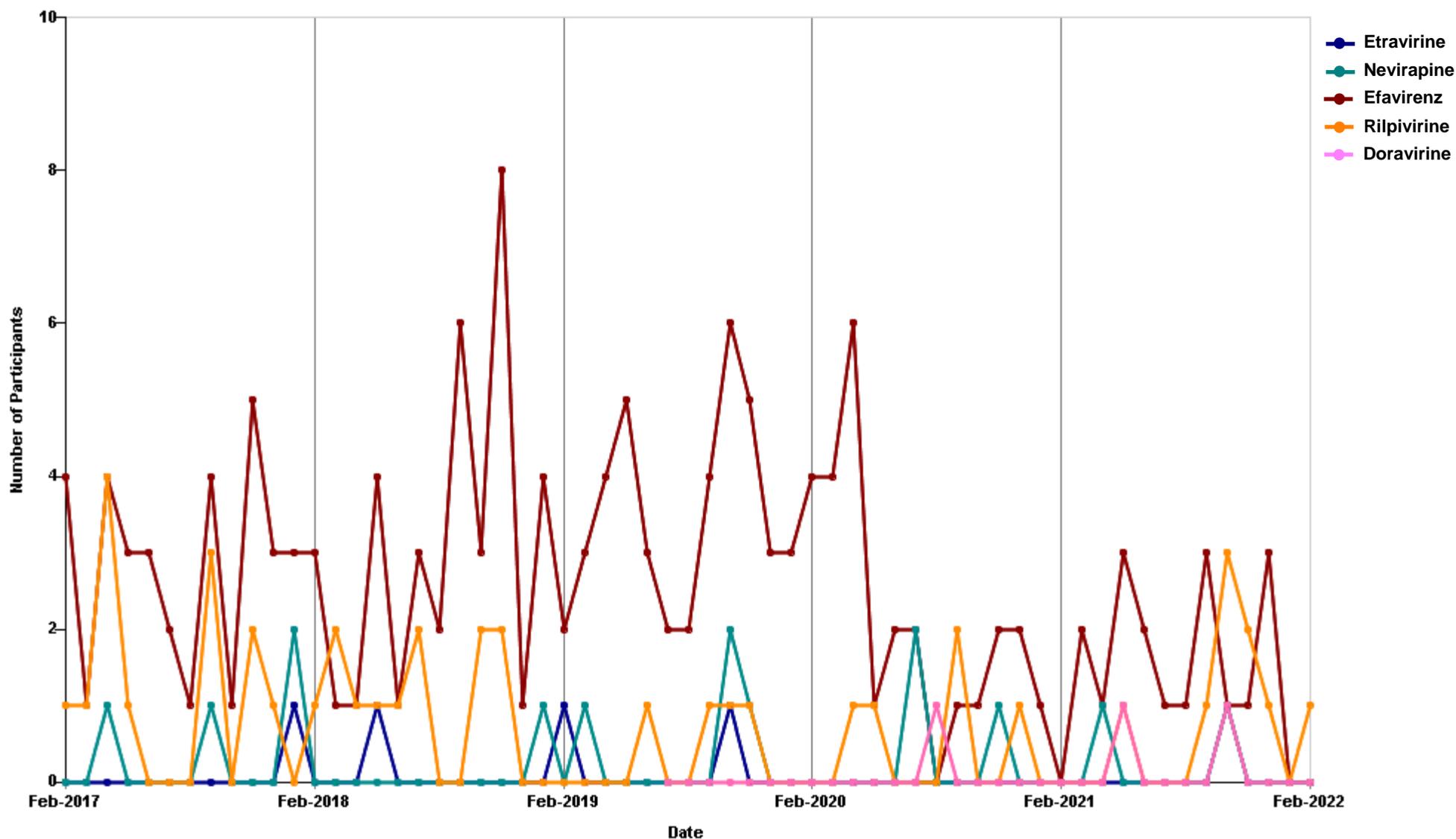
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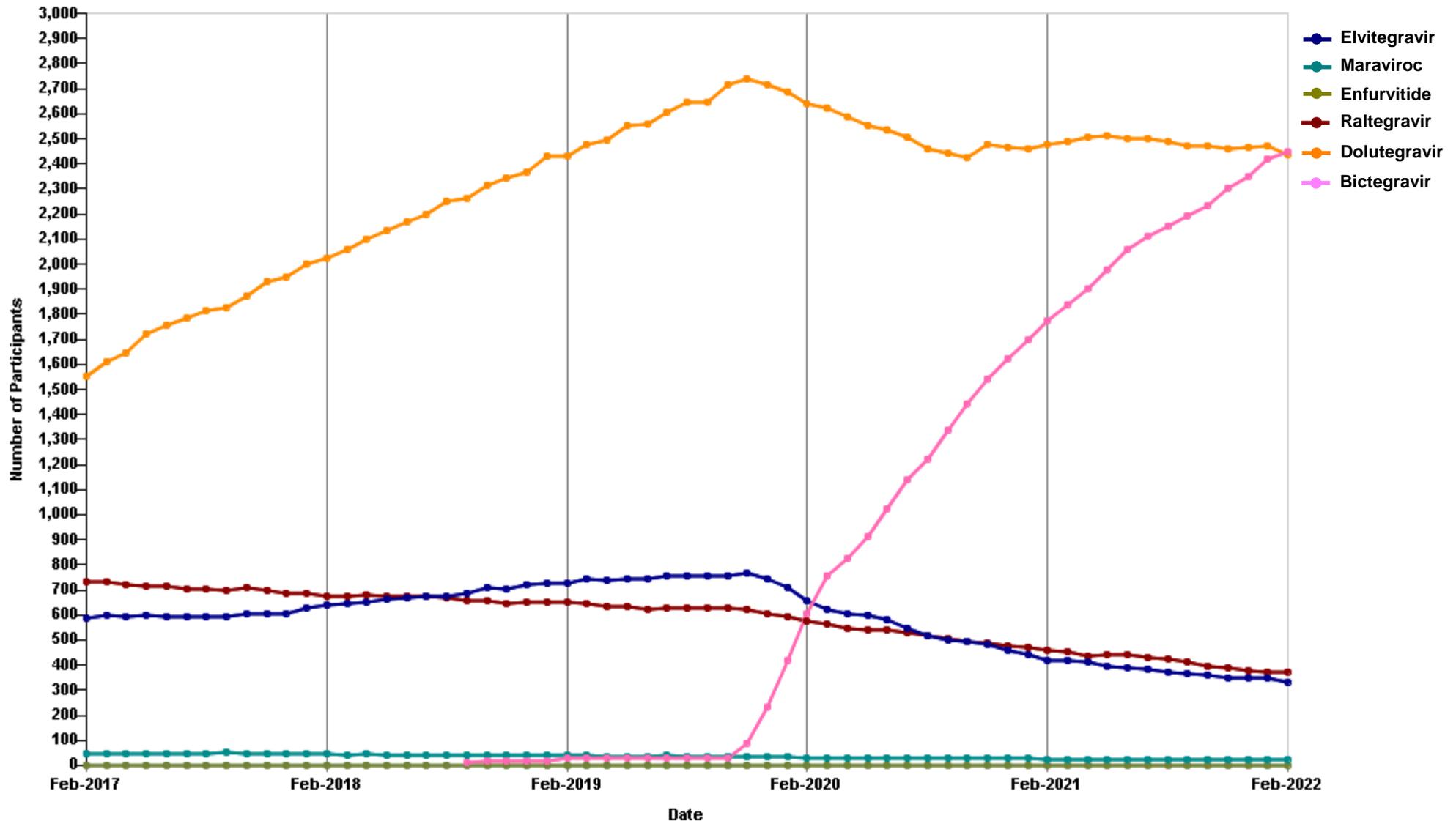
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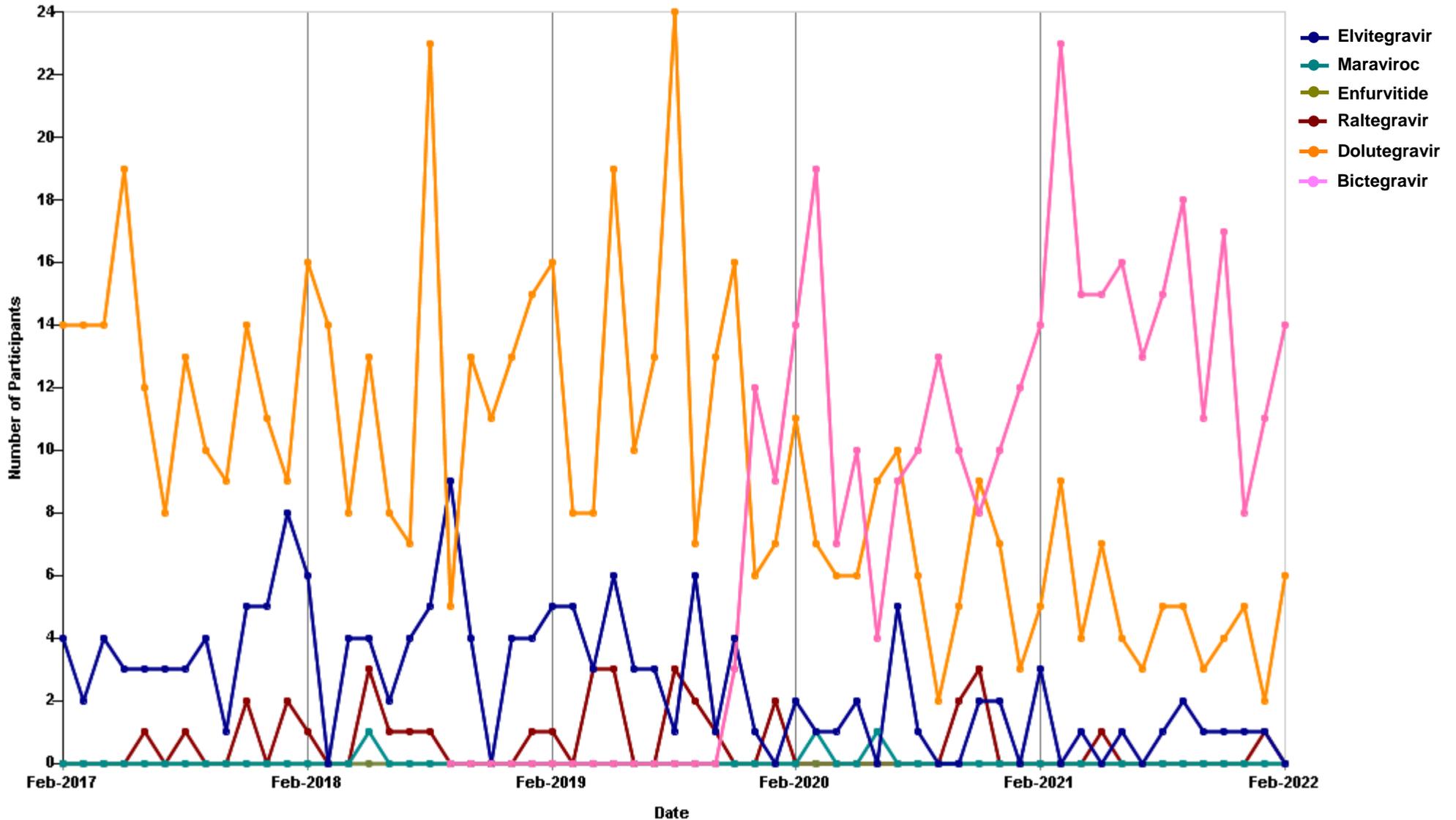
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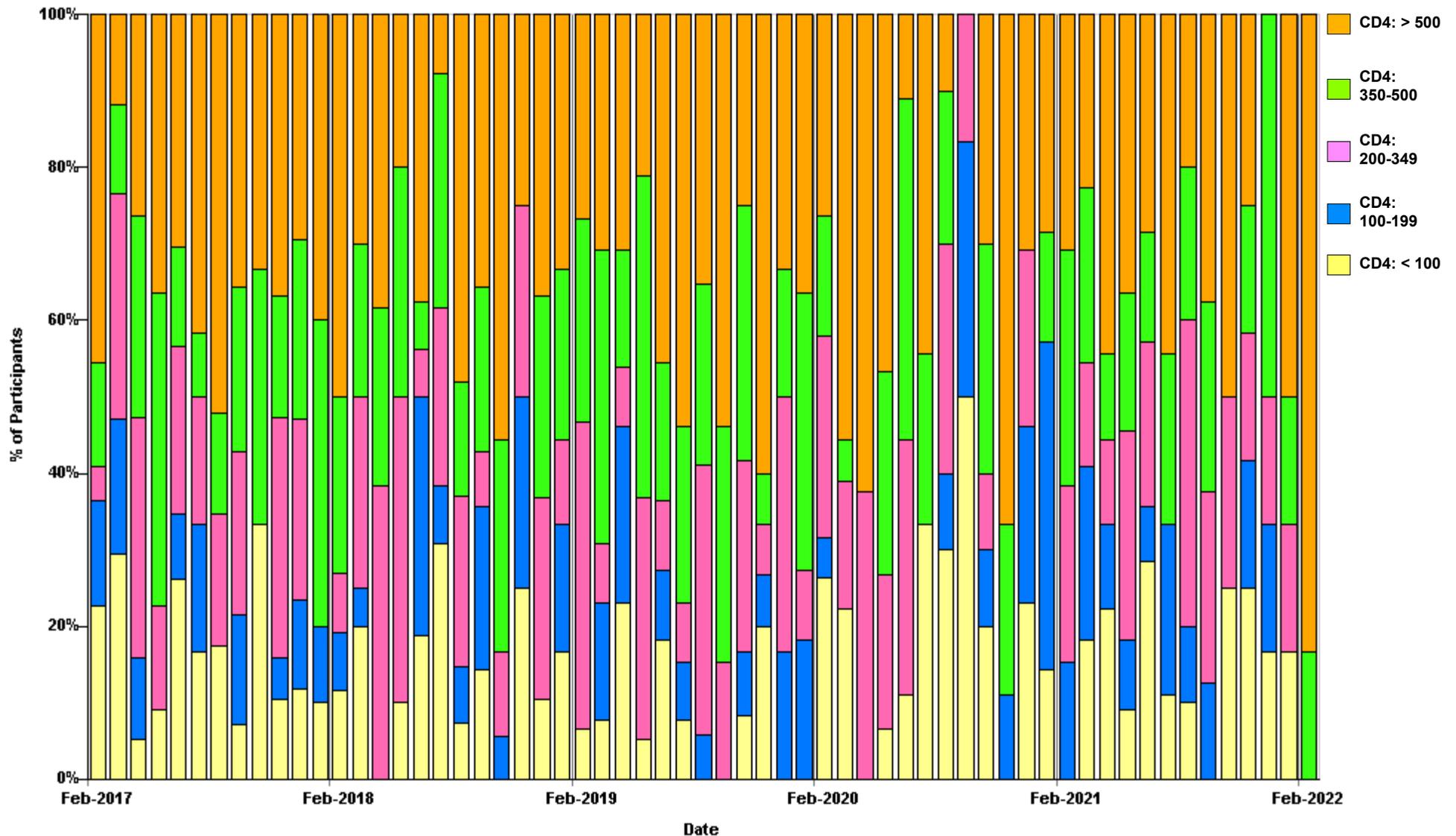
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(February 2017 - February 2022)



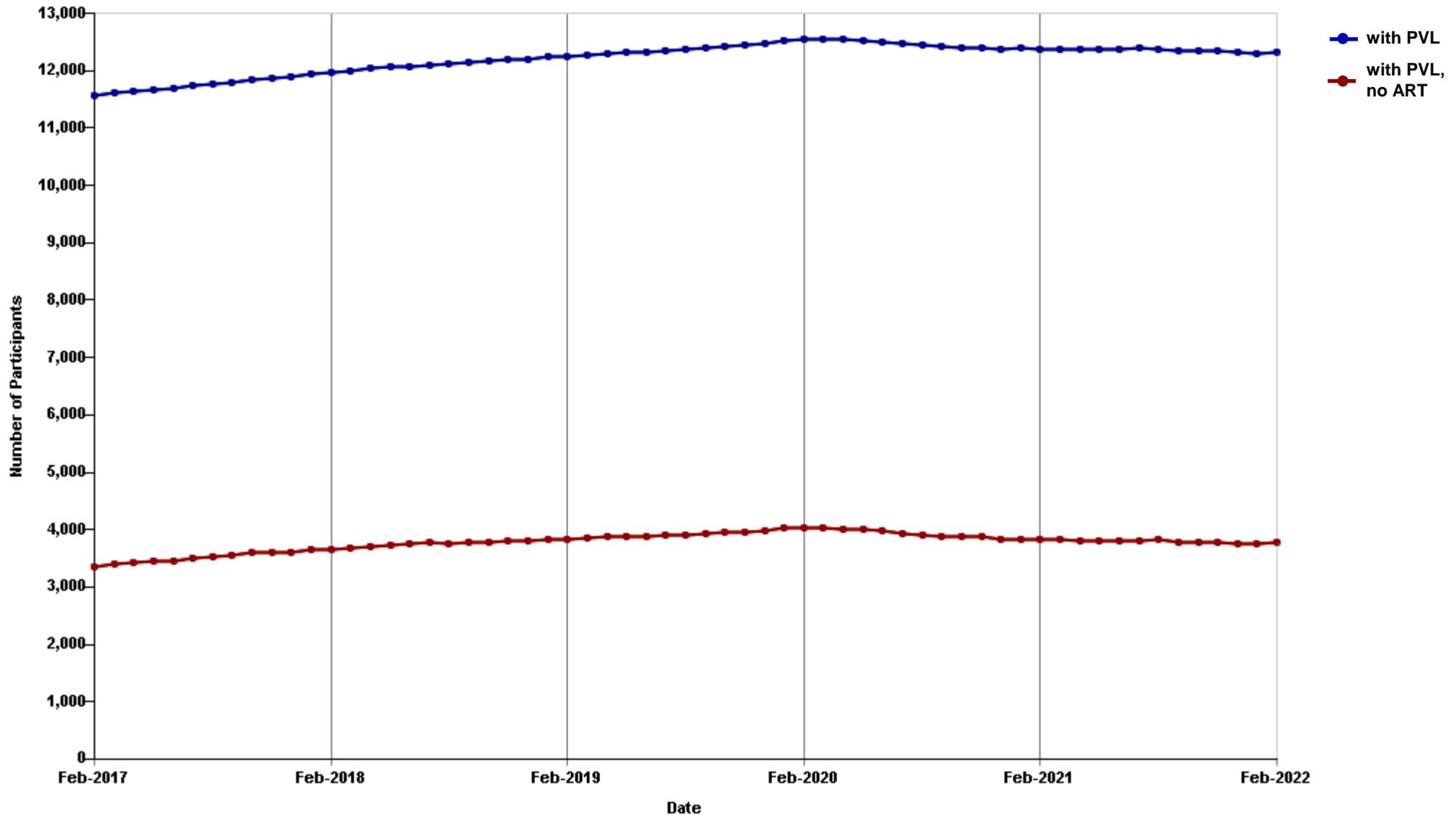


1.18 Baseline CD4 for Antiretroviral First Starts (February 2017 - February 2022)



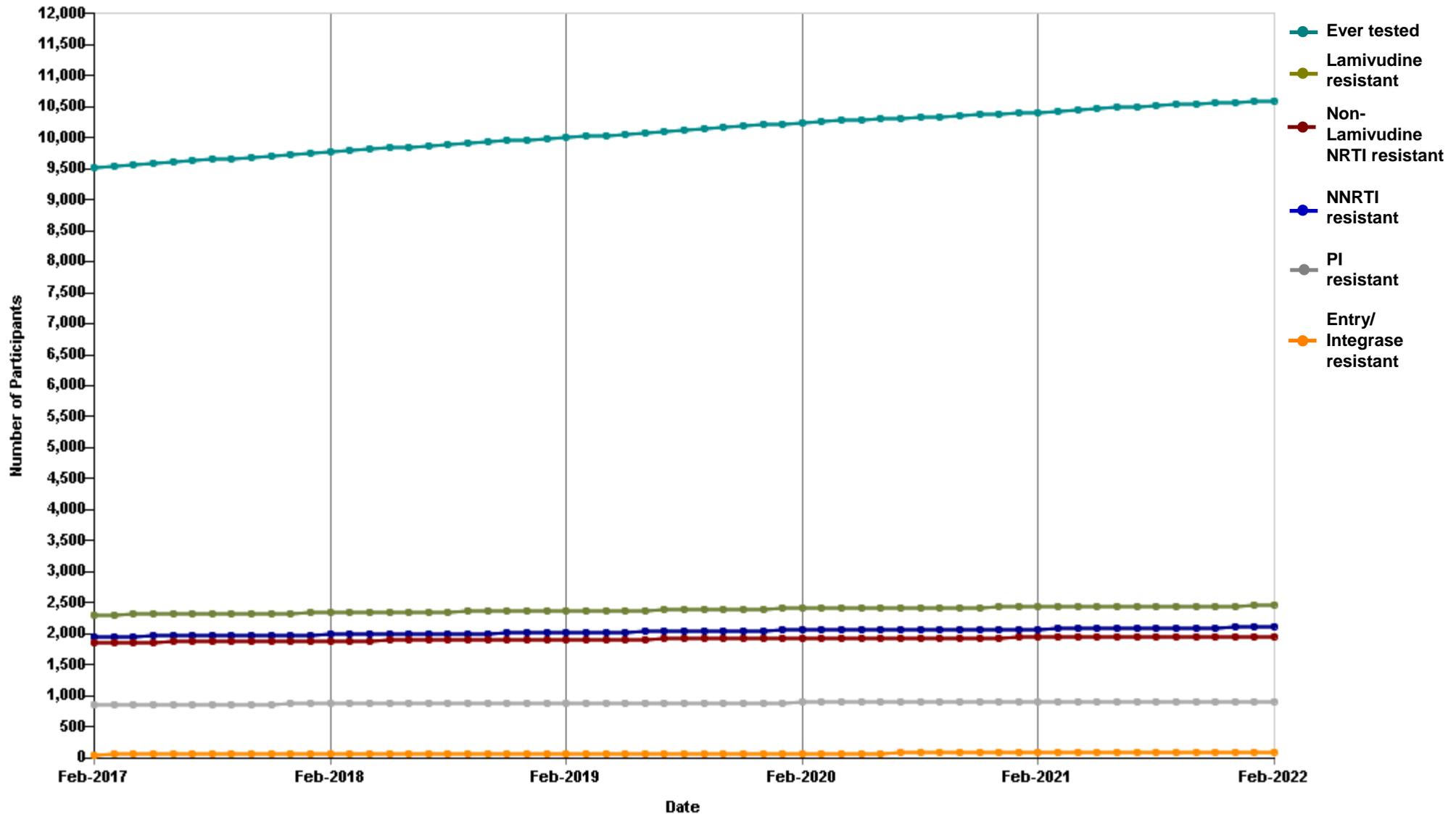


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (February 2017 - February 2022)



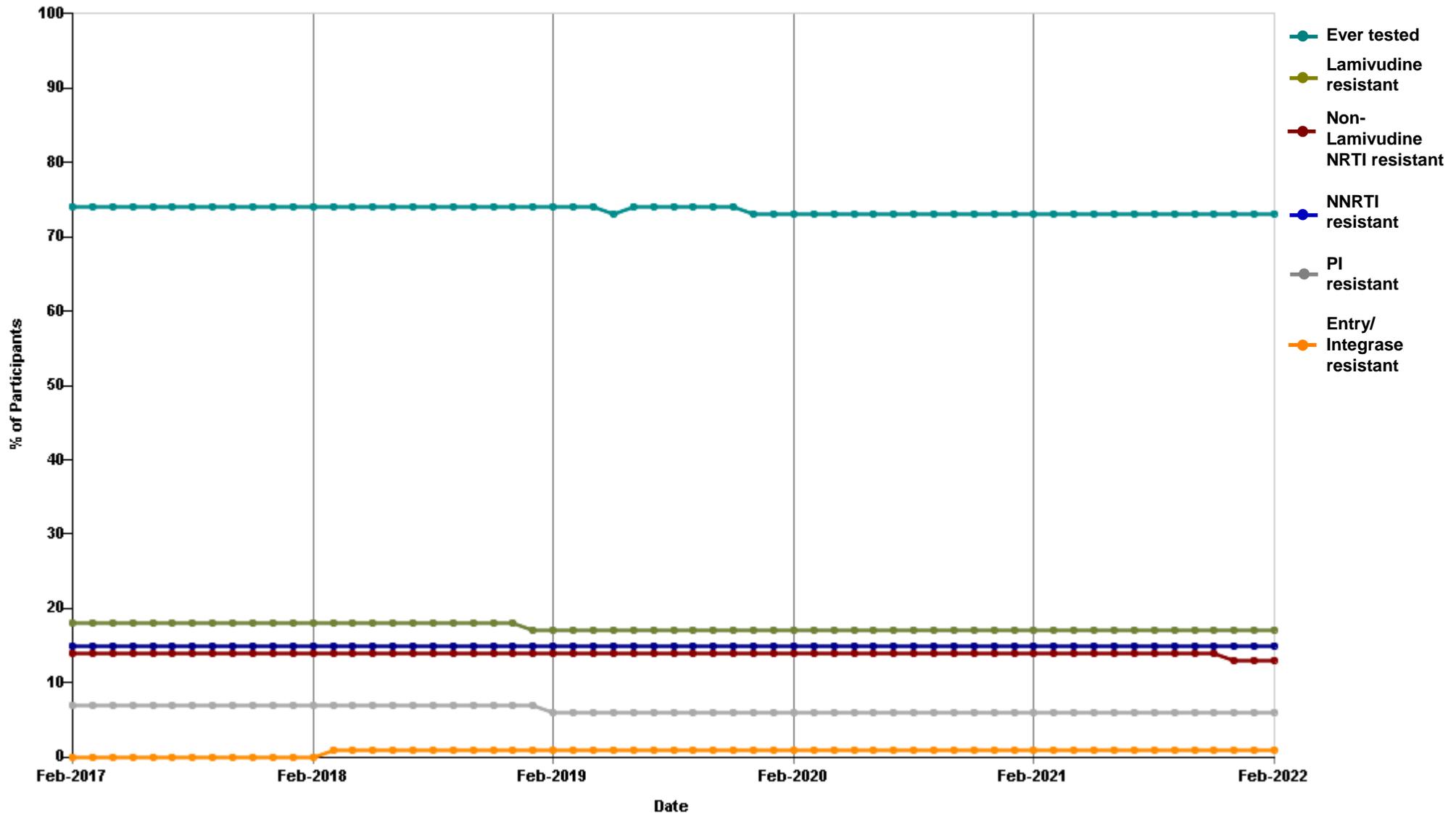


1.20 Cumulative Resistance Testing Results by Resistance Category (February 2017 - February 2022)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (February 2017 - February 2022)





**2.1 Duration of ARV treatment in the Province of BC, 1987-2022
(for HIV+ persons currently on treatment)**

Start Year	Duration (years) Median	Male	Female	All	Current CD4 (n)	Median	Current PVL (n)	Median	Current ARV Median
1987	30	4	0	4	1	880	4	<40	4
1988	31	5	0	5	3	660	5	<40	3
1989	29	50	1	51	23	510	44	<40	3
1990	27	55	1	56	31	550	51	<40	3
1991	28	34	3	37	17	660	33	<40	3
1992	27	55	5	60	26	585	56	<40	3
1993	26	125	14	139	81	510	128	<40	3
1994	25	74	12	86	51	520	76	<40	3
1995	25	122	19	141	91	550	132	<40	3
1996	23	315	47	362	219	550	334	<40	3
1997	21	265	32	297	182	645	264	<40	3
1998	20	189	41	230	137	590	203	<40	3
1999	20	151	38	189	118	565	174	<40	3
2000	21	113	28	141	89	620	129	<40	3
2001	20	110	26	136	79	590	121	<40	3
2002	19	121	26	147	103	580	137	<40	3
2003	18	136	27	163	93	620	150	<40	3
2004	17	149	35	184	126	605	167	<40	3
2005	16	178	42	220	143	650	197	<40	3
2006	15	165	41	206	128	630	184	<40	3
2007	14	229	47	276	175	630	241	<40	3
2008	13	278	61	339	229	670	305	<40	3
2009	12	298	64	362	234	665	328	<40	3
2010	11	262	67	329	220	668	291	<40	3
2011	10	314	70	384	241	720	342	<40	3
2012	9	262	62	324	196	700	282	<40	3
2013	9	246	62	308	200	700	273	<40	3
2014	8	266	47	313	192	700	283	<40	3
2015	7	260	42	302	189	720	265	<40	3
2016	6	260	52	312	185	650	271	<40	3
2017	5	216	33	249	163	650	226	<40	3
2018	4	179	56	235	155	720	214	<40	3

Definitions:

On treatment defined as being on ARV therapy in the specified month and not reported deceased

Duration defined as cumulative years on ARV therapy, excluding periods of treatment interruption

Current CD4 and PVL tests defined as tests done in the last 6 months (most recent)

Current ARV defined as number of ARV drugs in the current regimen





**2.1 Duration of ARV treatment in the Province of BC, 1987-2022
(for HIV+ persons currently on treatment)**

Start Year	Duration (years) Median	Male	Female	All	Current CD4 (n)	Current CD4 Median	Current PVL (n)	Current PVL Median	Current ARV Median
2019	3	226	39	265	180	665	238	<40	3
2020	2	185	53	238	169	720	217	<40	3
2021	1	212	42	254	183	570	233	<40	3
2022	0	29	10	39	28	630	36	<40	3
Total:		6138	1245	7383					

Definitions:

On treatment defined as being on ARV therapy in the specified month and not reported deceased

Duration defined as cumulative years on ARV therapy, excluding periods of treatment interruption

Current CD4 and PVL tests defined as tests done in the last 6 months (most recent)

Current ARV defined as number of ARV drugs in the current regimen





2.2 Median Viral Load and CD4 for Active patients in Drug Treatment Program

MON-YYYY	# of patients	Median # of therapy days	# of patients with PVL test	Median PVL	# of patients with CD4 test	Median CD4
JAN-2021	7384	746	1942	<40	1391	630
FEB-2021	7377	748	1787	<40	1273	630
MAR-2021	7432	743	2015	<40	1426	620
APR-2021	7417	746	1828	<40	1322	633
MAY-2021	7452	742	1868	<40	1304	630
JUN-2021	7456	738	1880	<40	1352	610
JUL-2021	7460	744	1820	<40	1343	640
AUG-2021	7465	741	1981	<40	1346	630
SEP-2021	7432	750	1763	<40	1235	630
OCT-2021	7432	755	1855	<40	1275	630
NOV-2021	7446	750	2021	<40	1340	630
DEC-2021	7465	757	1544	<40	985	630
JAN-2022	7468	756	1879	<40	1208	650
FEB-2022	7393	771	1802	<40	937	620

Definitions:

Active patient defined as being on ARV treatment in the specified month

Therapy days defined as number of consecutive days on ARV treatment (most recent uninterrupted period)

PVL and CD4 tests defined as tests done in the specified month





2.3 Median Viral Load and CD4 for Inactive patients in Drug Treatment Program

MON-YYYY	# of patients	Median # days of off therapy	# of patients with PVL test	Median PVL	# of patients with CD4 test	Median CD4
JAN-2021	783	202	73	<40	57	510
FEB-2021	786	196	69	<40	56	510
MAR-2021	770	247	89	<40	70	630
APR-2021	803	255	73	<40	58	615
MAY-2021	781	270	73	<40	65	530
JUN-2021	780	261	65	57	48	535
JUL-2021	783	269	52	102	37	530
AUG-2021	790	262	53	<40	40	645
SEP-2021	833	227	64	<40	41	610
OCT-2021	836	239	79	<40	60	540
NOV-2021	821	257	78	<40	59	450
DEC-2021	798	245	47	<40	30	385
JAN-2022	791	272	54	<40	38	555
FEB-2022	856	241	73	<40	36	570

Definitions:

Inactive patient defined as not deceased, not being on ARV treatment in the specified month (but previously treated with ARVs), and had contact with program in past 5 years

Days off therapy defined as number of days elapsed since last ARV treatment

PVL and CD4 tests defined as tests done in the specified month





2.4 BC-CfE Enrolment

MON-YYYY	Currently on ARV Therapy	Currently off ARV Therapy	Deceased	First Starts	Experienced Starts	New Inactive	Net Change	Cumulative Patients
JAN-2021	7360	783	14	9	205	160	37	14211
FEB-2021	7353	786	15	13	186	189	-7	14235
MAR-2021	7407	770	15	24	203	156	54	14272
APR-2021	7393	803	13	9	165	172	-14	14297
MAY-2021	7421	781	14	14	177	143	28	14326
JUN-2021	7438	780	7	15	186	175	17	14352
JUL-2021	7439	783	9	12	170	168	1	14372
AUG-2021	7437	790	16	12	174	168	-2	14394
SEP-2021	7401	833	14	9	174	199	-36	14424
OCT-2021	7394	836	17	6	186	174	-7	14447
NOV-2021	7420	821	11	15	199	176	26	14473
DEC-2021	7436	798	22	6	205	172	16	14491
JAN-2022	7438	791	19	7	161	144	2	14506
FEB-2022	7383	856	8	10	150	207	-55	14530

Definitions:

Currently on ARV Therapy defined as being on ARV treatment in the specified month, and not deceased/moved out of BC

Currently off ARV Therapy defined as not being on ARV treatment in the specified month, not deceased/moved out of BC, but on ARVs in the past

Deceased defined as deceased in the specified month, and being on ARV treatment in the previous month

First Starts defined as starting ARV treatment in the specified month for the first time (ARV naive)

Experienced Starts defined as starting ARV treatment in the specified month, but previously being treated with ARVs

New Inactive defined as not being on ARV treatment in the specified month, not deceased/moved out of BC, but on ARV treatment in the previous month, and had contact with the program in the past 5 years

Net Change is defined as difference between ARV starts (First and Experienced) and ARV stops (Deceased/Moved out of BC and New Inactive)





2.5 Percent Distribution of Participants on ARV Therapy by Number of Drugs

MON-YYYY	Less than 3 Drugs	3 Drugs	4 Drugs	5 or more Drugs	All ARV	Less than 3 Drugs%	3 Drugs%	4 Drugs%	5 or more Drugs%	Total%
JAN-2021	205	6681	452	46	7384	2.78%	90.48%	6.12%	0.62%	100.00%
FEB-2021	226	6652	448	51	7377	3.06%	90.17%	6.07%	0.69%	100.00%
MAR-2021	249	6669	463	51	7432	3.35%	89.73%	6.23%	0.69%	100.00%
APR-2021	275	6644	454	44	7417	3.71%	89.58%	6.12%	0.59%	100.00%
MAY-2021	299	6640	465	48	7452	4.01%	89.10%	6.24%	0.64%	100.00%
JUN-2021	326	6613	471	46	7456	4.37%	88.69%	6.32%	0.62%	100.00%
JUL-2021	354	6590	470	46	7460	4.75%	88.34%	6.30%	0.62%	100.00%
AUG-2021	381	6571	471	42	7465	5.10%	88.02%	6.31%	0.56%	100.00%
SEP-2021	398	6525	462	47	7432	5.36%	87.80%	6.22%	0.63%	100.00%
OCT-2021	409	6517	460	46	7432	5.50%	87.69%	6.19%	0.62%	100.00%
NOV-2021	438	6508	457	43	7446	5.88%	87.40%	6.14%	0.58%	100.00%
DEC-2021	468	6495	457	45	7465	6.27%	87.01%	6.12%	0.60%	100.00%
JAN-2022	500	6471	455	42	7468	6.70%	86.65%	6.09%	0.56%	100.00%
FEB-2022	525	6377	446	45	7393	7.10%	86.26%	6.03%	0.61%	100.00%

Definitions:

Number of Drugs is calculated as number of individual drugs in ARV Therapy (excluding low dose ritonavir used for boosting a protease inhibitor)





2.6 Number of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT

	lamivudine		abacavir		zidovudine		tenofovir <TAF>		tenofovir <TDF>		emtricitabine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	2 10%	3153 44%	1 5%	2880 40%	0 0%	28 0%	12 60%	2220 31%	6 30%	1962 27%	18 90%	4045 56%
FEB-2021	2 8%	3135 43%	2 8%	2843 39%	0 0%	27 0%	16 67%	2298 32%	6 25%	1899 26%	22 92%	4061 56%
MAR-2021	8 22%	3140 43%	7 19%	2832 39%	0 0%	24 0%	23 62%	2368 33%	6 16%	1858 26%	29 78%	4111 57%
APR-2021	2 8%	3137 43%	2 8%	2802 39%	0 0%	25 0%	17 68%	2422 33%	6 24%	1791 25%	23 92%	4104 57%
MAY-2021	7 24%	3150 43%	3 10%	2784 38%	0 0%	22 0%	15 52%	2497 34%	10 34%	1759 24%	22 76%	4131 57%
JUN-2021	4 15%	3137 43%	3 12%	2741 38%	0 0%	23 0%	17 65%	2574 35%	5 19%	1698 23%	22 85%	4153 57%
JUL-2021	3 15%	3126 43%	2 10%	2707 37%	0 0%	23 0%	13 65%	2626 36%	4 20%	1655 23%	17 85%	4166 57%
AUG-2021	1 5%	3109 43%	1 5%	2667 37%	0 0%	23 0%	16 73%	2660 36%	5 23%	1631 22%	21 95%	4182 57%
SEP-2021	4 13%	3078 42%	2 7%	2614 36%	1 3%	22 0%	21 70%	2707 37%	5 17%	1587 22%	26 87%	4178 57%
OCT-2021	5 22%	3082 42%	5 22%	2591 36%	0 0%	20 0%	13 57%	2755 38%	5 22%	1563 21%	18 78%	4196 58%
NOV-2021	3 12%	3071 42%	2 8%	2552 35%	0 0%	19 0%	18 72%	2812 39%	4 16%	1534 21%	22 88%	4216 58%
DEC-2021	3 18%	3069 42%	1 6%	2515 34%	0 0%	19 0%	10 59%	2861 39%	5 29%	1505 21%	14 82%	4238 58%
JAN-2022	3 20%	3067 42%	3 20%	2482 34%	0 0%	19 0%	12 80%	2922 40%	0 0%	1473 20%	12 80%	4263 58%
FEB-2022	6 25%	3021 42%	3 13%	2411 33%	2 8%	19 0%	14 58%	2942 41%	4 17%	1398 19%	18 75%	4231 58%

Definitions:

Initial is defined as number of patients whose first ARV treatment with the BC-CfE DTP contains INGREDIENT;

% is calculated as ratio of "Initial" and number of patients whose first treatment is of given CLASS

All is defined as number of patients on ARV treatment which contains INGREDIENT;

% is calculated as ratio of "All" and number of patients whose treatment is of given CLASS





2.7 Number of Participants on Protease Inhibitor by INGREDIENT

	fosamprenavir		atazanavir		darunavir		lopinavir		ritonavir		saquinavir		tipranavir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	0 0%	1 0%	0 0%	655 32%	5 100%	1297 64%	0 0%	71 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
FEB-2021	0 0%	1 0%	0 0%	643 33%	5 100%	1262 64%	0 0%	71 4%	0 0%	1 0%	0 0%	5 0%	0 0%	1 0%
MAR-2021	0 0%	1 0%	1 25%	621 32%	3 75%	1261 65%	0 0%	73 4%	0 0%	1 0%	0 0%	5 0%	0 0%	1 0%
APR-2021	0 0%	1 0%	0 0%	595 31%	4 100%	1230 65%	0 0%	72 4%	0 0%	1 0%	0 0%	2 0%	0 0%	1 0%
MAY-2021	0 0%	1 0%	0 0%	589 31%	4 100%	1239 65%	0 0%	69 4%	0 0%	1 0%	0 0%	1 0%	0 0%	1 0%
JUN-2021	0 0%	1 0%	0 0%	573 31%	4 80%	1221 66%	1 20%	69 4%	0 0%	1 0%	0 0%	1 0%	0 0%	1 0%
JUL-2021	0 0%	1 0%	0 0%	560 30%	6 100%	1216 66%	0 0%	68 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
AUG-2021	0 0%	0 0%	0 0%	547 30%	2 100%	1205 66%	0 0%	66 4%	0 0%	2 0%	0 0%	0 0%	0 0%	1 0%
SEP-2021	0 0%	1 0%	0 0%	536 30%	2 100%	1184 66%	0 0%	61 3%	0 0%	2 0%	0 0%	0 0%	0 0%	1 0%
OCT-2021	0 0%	1 0%	0 0%	515 29%	3 100%	1183 67%	0 0%	59 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
NOV-2021	0 0%	1 0%	0 0%	508 29%	3 75%	1171 68%	1 25%	58 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
DEC-2021	0 0%	1 0%	0 0%	492 29%	2 100%	1152 68%	0 0%	58 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
JAN-2022	0 0%	1 0%	0 0%	476 29%	0 0%	1132 68%	0 0%	60 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
FEB-2022	0 0%	1 0%	1 33%	449 28%	1 33%	1110 69%	1 33%	60 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%

Definitions:

Initial is defined as number of patients whose first ARV treatment with the BC-CfE DTP contains INGREDIENT;

% is calculated as ratio of "Initial" and number of patients whose first treatment is of given CLASS

All is defined as number of patients on ARV treatment which contains INGREDIENT;

% is calculated as ratio of "All" and number of patients whose treatment is of given CLASS

Ritonavir - greater than 400 mg total daily dose





2.8 Number of Participants on Non-Nucleosides by INGREDIENT

	doravirine		efavirenz		etravirine		nevirapine		rilpivirine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	0 0%	11 1%	1 100%	426 34%	0 0%	164 13%	0 0%	379 30%	0 0%	272 22%
FEB-2021	0 0%	15 1%	0 0%	418 34%	0 0%	161 13%	0 0%	365 30%	0 0%	267 22%
MAR-2021	0 0%	21 2%	2 100%	419 34%	0 0%	162 13%	0 0%	365 30%	0 0%	266 22%
APR-2021	0 0%	20 2%	1 50%	409 34%	0 0%	155 13%	1 50%	359 30%	0 0%	260 22%
MAY-2021	1 20%	30 3%	3 60%	397 33%	0 0%	154 13%	0 0%	353 30%	1 20%	259 22%
JUN-2021	0 0%	41 4%	2 100%	379 32%	0 0%	155 13%	0 0%	345 30%	0 0%	251 22%
JUL-2021	0 0%	45 4%	1 100%	371 32%	0 0%	153 13%	0 0%	339 29%	0 0%	243 21%
AUG-2021	0 0%	56 5%	1 100%	366 32%	0 0%	150 13%	0 0%	337 29%	0 0%	241 21%
SEP-2021	0 0%	67 6%	3 75%	357 31%	0 0%	146 13%	0 0%	332 29%	1 25%	242 21%
OCT-2021	1 14%	81 7%	1 14%	350 31%	1 14%	142 12%	1 14%	326 29%	3 43%	244 21%
NOV-2021	0 0%	92 8%	1 33%	346 30%	0 0%	142 13%	0 0%	318 28%	2 67%	244 21%
DEC-2021	0 0%	99 9%	3 75%	340 30%	0 0%	134 12%	0 0%	317 28%	1 25%	243 21%
JAN-2022	0 0%	104 9%	0 0%	327 29%	0 0%	130 12%	0 0%	317 29%	0 0%	235 21%
FEB-2022	0 0%	106 10%	0 0%	317 29%	0 0%	127 12%	0 0%	306 28%	1 100%	228 21%

Definitions:

Initial is defined as number of patients whose first ARV treatment with the BC-CfE DTP contains INGREDIENT;

% is calculated as ratio of "Initial" and number of patients whose first treatment is of given CLASS

All is defined as number of patients on ARV treatment which contains INGREDIENT;

% is calculated as ratio of "All" and number of patients whose treatment is of given CLASS

Doravirine not currently available on BC-CfE Formulary





2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT

	bictegravir		dolutegravir		elvitegravir		maraviroc		raltegravir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	12 80%	1697 34%	3 20%	2461 49%	0 0%	442 9%	0 0%	27 1%	0 0%	469 9%
FEB-2021	14 64%	1774 35%	5 23%	2476 49%	3 14%	420 8%	0 0%	24 0%	0 0%	457 9%
MAR-2021	23 72%	1839 35%	9 28%	2491 48%	0 0%	418 8%	0 0%	24 0%	0 0%	454 9%
APR-2021	15 75%	1901 36%	4 20%	2504 48%	1 5%	412 8%	0 0%	22 0%	0 0%	438 8%
MAY-2021	15 65%	1979 37%	7 30%	2509 47%	0 0%	397 7%	0 0%	22 0%	1 4%	439 8%
JUN-2021	16 76%	2056 38%	4 19%	2498 47%	1 5%	387 7%	0 0%	23 0%	0 0%	440 8%
JUL-2021	13 81%	2111 39%	3 19%	2498 46%	0 0%	382 7%	0 0%	23 0%	0 0%	432 8%
AUG-2021	15 71%	2150 40%	5 24%	2488 46%	1 5%	374 7%	0 0%	23 0%	0 0%	424 8%
SEP-2021	18 72%	2192 40%	5 20%	2470 46%	2 8%	366 7%	0 0%	23 0%	0 0%	411 8%
OCT-2021	11 73%	2234 41%	3 20%	2469 45%	1 7%	363 7%	0 0%	24 0%	0 0%	398 7%
NOV-2021	17 77%	2303 42%	4 18%	2459 45%	1 5%	348 6%	0 0%	24 0%	0 0%	392 7%
DEC-2021	8 57%	2348 42%	5 36%	2464 45%	1 7%	349 6%	0 0%	24 0%	0 0%	380 7%
JAN-2022	11 73%	2421 43%	2 13%	2471 44%	1 7%	347 6%	0 0%	24 0%	1 7%	374 7%
FEB-2022	14 70%	2446 44%	6 30%	2439 44%	0 0%	332 6%	0 0%	21 0%	0 0%	370 7%

Definitions:

Initial is defined as number of patients whose first ARV treatment with the BC-CfE DTP contains INGREDIENT;

% is calculated as ratio of "Initial" and number of patients whose first treatment is of given CLASS

All is defined as number of patients on ARV treatment which contains INGREDIENT;

% is calculated as ratio of "All" and number of patients whose treatment is of given CLASS





2.10 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category

MON-YYYY	Boosted PI + 2 N(t)RTIs		NNRTI + 2 N(t)RTIs		INSTI + 2 N(t)RTIs		2 drugs from 2 classes		3 drugs from 3 classes		Other	
	n	%	n	%	n	%	n	%	n	%	n	%
JAN-2021	1273	17.24	912	12.35	4191	56.76	202	2.74	693	9.39	113	1.53
FEB-2021	1232	16.70	894	12.12	4226	57.29	223	3.02	689	9.34	113	1.53
MAR-2021	1209	16.27	890	11.98	4274	57.51	246	3.31	707	9.51	106	1.43
APR-2021	1166	15.72	868	11.70	4319	58.23	273	3.68	690	9.30	101	1.36
MAY-2021	1146	15.38	858	11.51	4348	58.35	296	3.97	704	9.45	100	1.34
JUN-2021	1125	15.09	834	11.19	4370	58.61	324	4.35	705	9.46	98	1.31
JUL-2021	1104	14.80	820	10.99	4383	58.75	352	4.72	702	9.41	99	1.33
AUG-2021	1090	14.60	817	10.94	4384	58.73	377	5.05	700	9.38	97	1.30
SEP-2021	1070	14.40	812	10.93	4370	58.80	394	5.30	694	9.34	92	1.24
OCT-2021	1053	14.17	809	10.89	4387	59.03	406	5.46	685	9.22	92	1.24
NOV-2021	1038	13.94	804	10.80	4396	59.04	435	5.84	682	9.16	91	1.22
DEC-2021	1020	13.66	792	10.61	4417	59.17	464	6.22	682	9.14	90	1.21
JAN-2022	985	13.19	773	10.35	4455	59.65	497	6.66	672	9.00	86	1.15
FEB-2022	959	12.97	750	10.14	4414	59.71	522	7.06	668	9.04	80	1.08

Definitions:

n is number of participants on the specified regimen class in the specified month

% is ratio of n and total number of participants on ART in the specified month

Regimen categories may contain a small number of participants with undetermined regimen, due to medication change(s) within the month





2.11 Baseline CD4 for Antiretroviral First Starts

MON-YYYY	# of First Starts	# of Pts with CD4 < 100	# of Pts with CD4: 100-199	# of Pts with CD4: 200-349	# of Pts with CD4: 350-500	# of Pts with CD4 > 500	Median CD4
JAN-2021	9	1	3	0	1	2	170
FEB-2021	13	0	2	3	4	4	360
MAR-2021	24	4	5	3	5	5	280
APR-2021	9	2	1	1	1	4	370
MAY-2021	14	1	1	3	2	4	480
JUN-2021	15	4	1	3	2	4	289
JUL-2021	12	1	2	0	2	4	480
AUG-2021	12	1	1	4	2	2	300
SEP-2021	9	0	1	2	2	3	400
OCT-2021	6	1	0	1	0	2	490
NOV-2021	15	3	2	2	2	3	260
DEC-2021	6	1	1	1	3	0	350
JAN-2022	7	1	0	1	1	3	490
FEB-2022	10	0	0	0	1	5	555

Definitions:

First Starts defined as starting ARV treatment in the specified month for the first time (ARV naive)

Baseline CD4 is defined as most recent CD4 test before ARV start





2.12 DTP Participants with PVL Measurement within previous five years, and never on ART

MON-YYYY	# of Participants with PVL test	# of Participants with PVL test, and never on ART
JAN-2021	12390	3840
FEB-2021	12383	3835
MAR-2021	12381	3824
APR-2021	12370	3811
MAY-2021	12365	3799
JUN-2021	12366	3793
JUL-2021	12387	3812
AUG-2021	12381	3818
SEP-2021	12350	3786
OCT-2021	12337	3778
NOV-2021	12340	3769
DEC-2021	12321	3764
JAN-2022	12307	3763
FEB-2022	12331	3778

Definitions:

Patients with PVL test are defined as having at least one PVL test within previous five years, and not reported deceased/moved

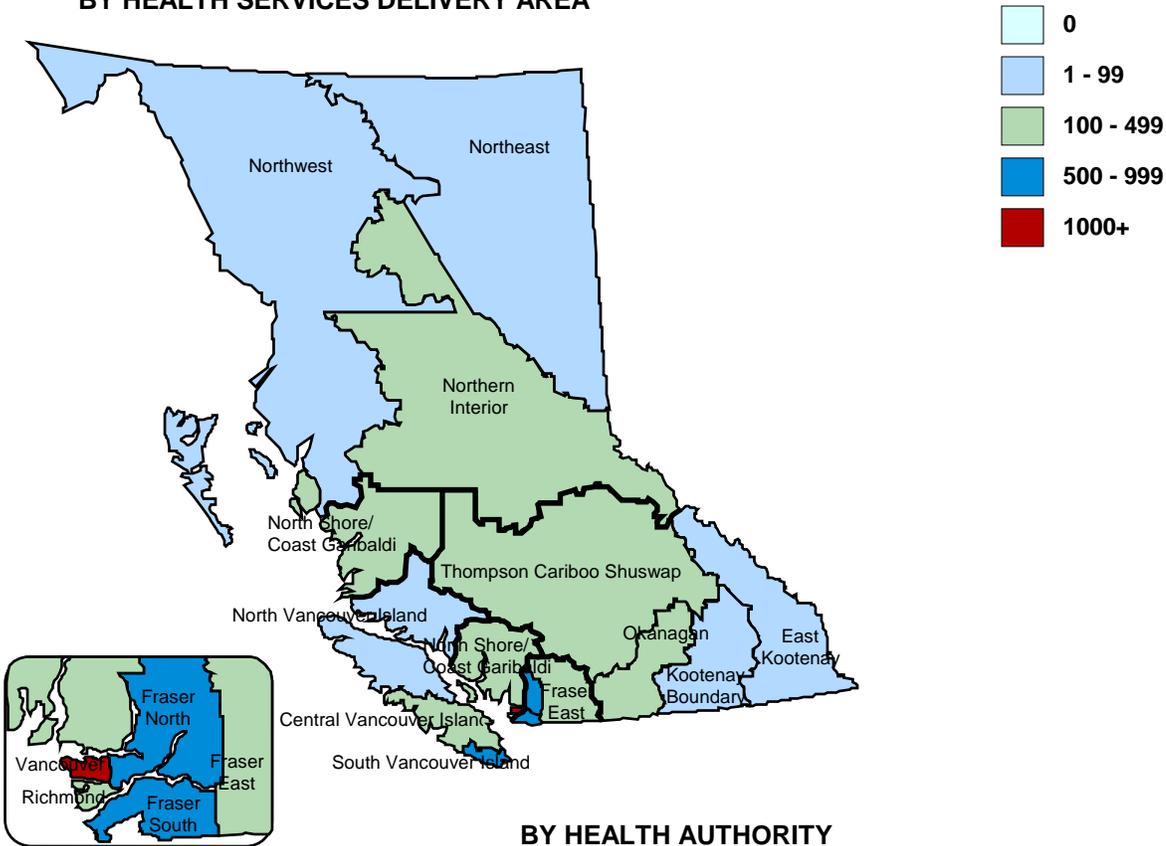
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



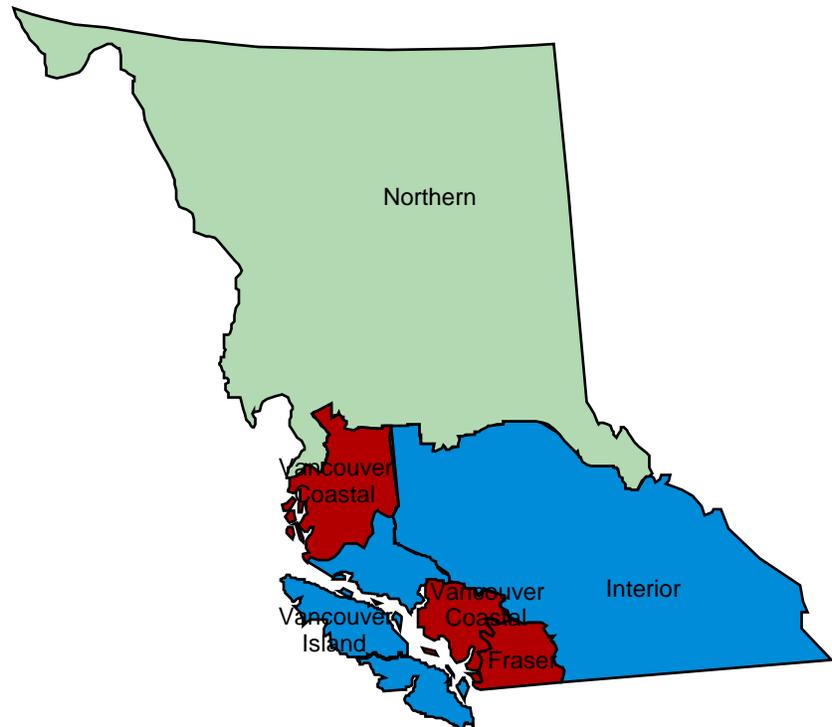


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants Feb-2022 N = 7393

BY HEALTH SERVICES DELIVERY AREA



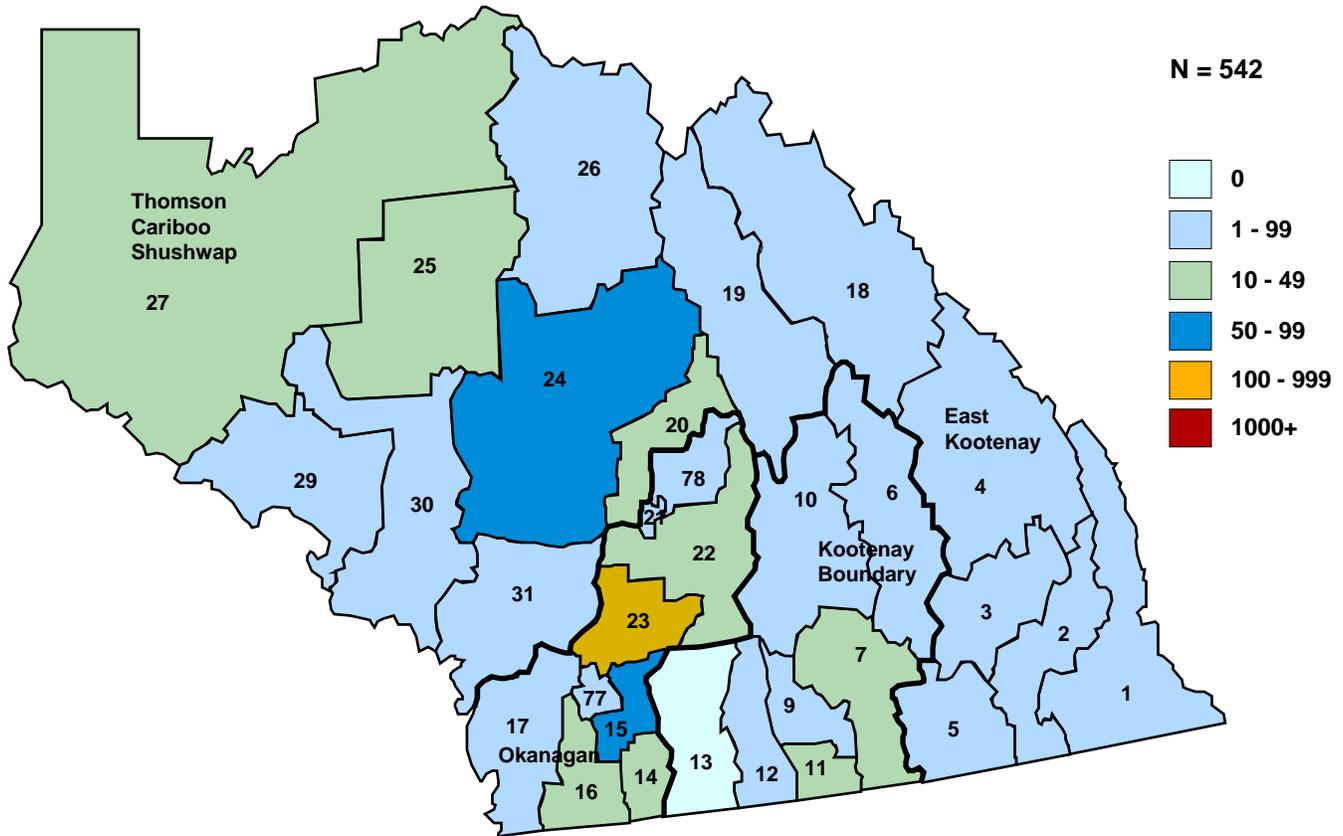
BY HEALTH AUTHORITY



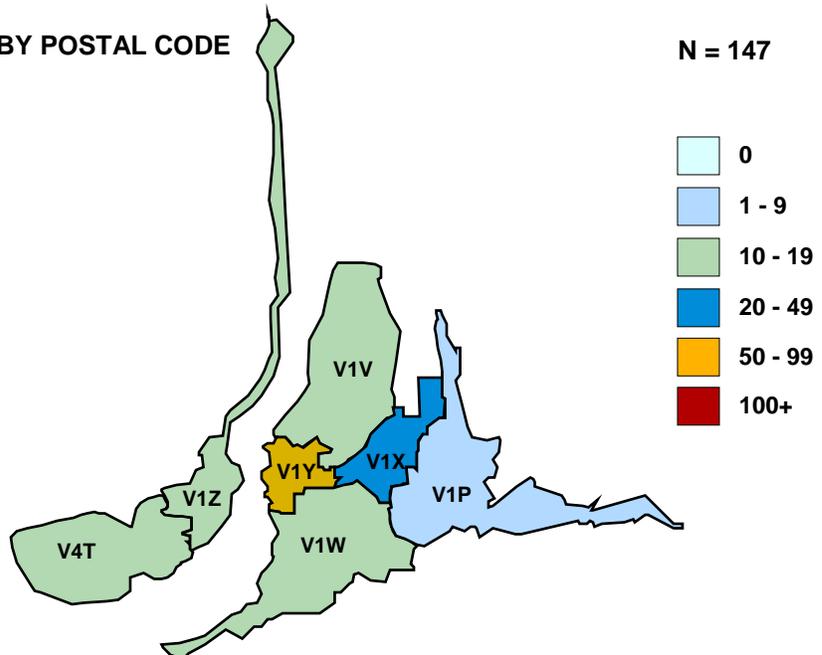


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Feb-2022

INTERIOR HEALTH AUTHORITY BY HEALTH SERVICES DELIVERY AREA/LOCAL HEALTH AREA



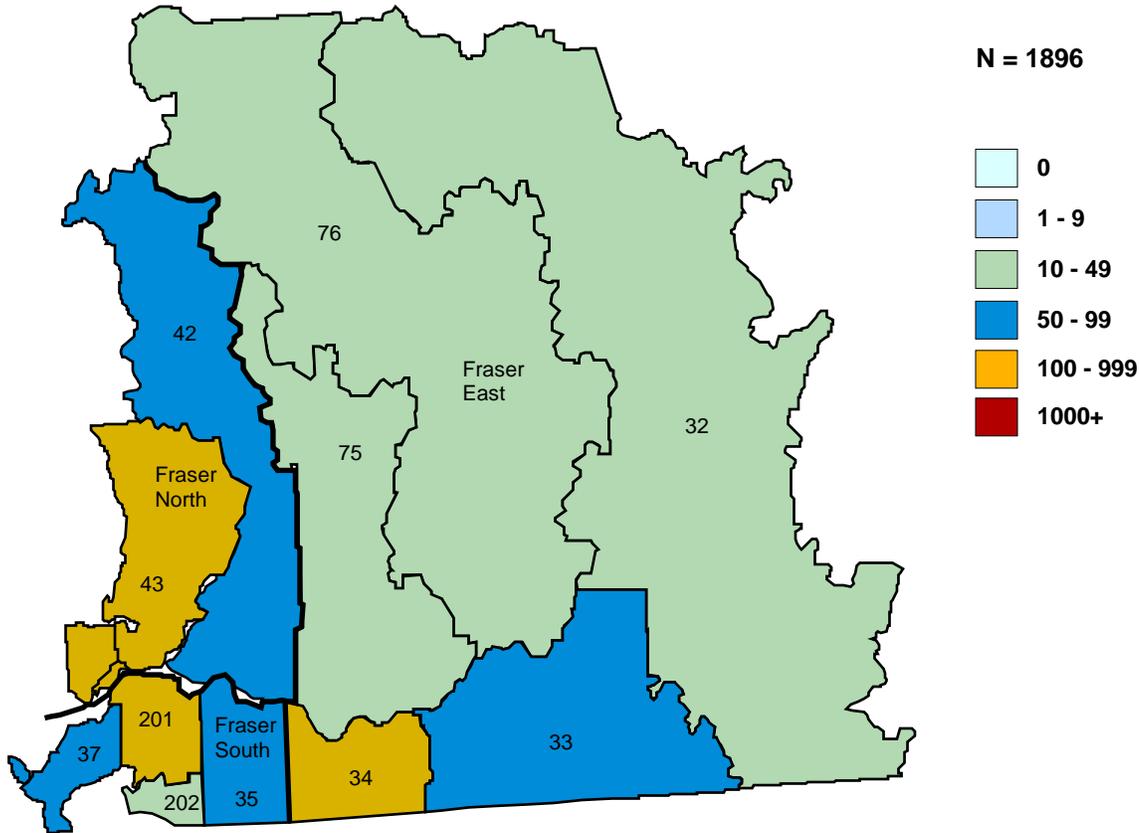
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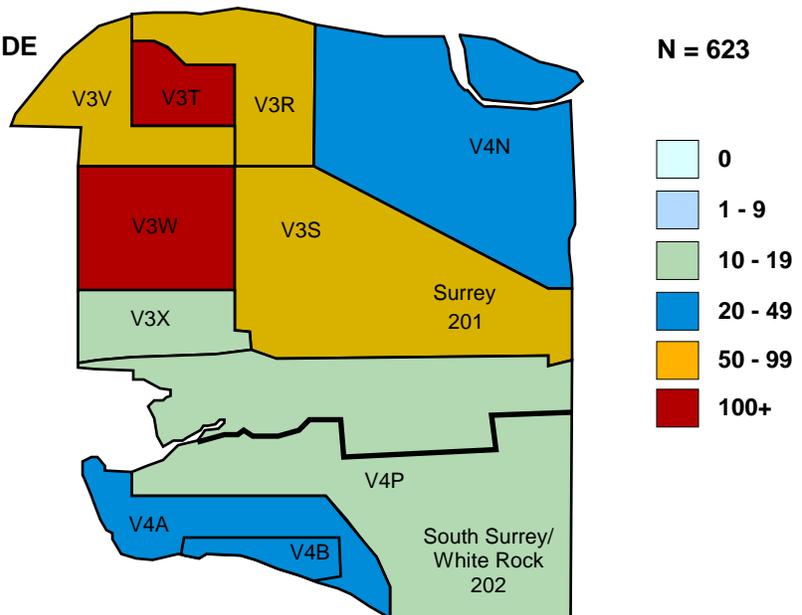


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Feb-2022

FRASER HEALTH AUTHORITY BY HEALTH SERVICES DELIVERY AREA/LOCAL HEALTH AREA



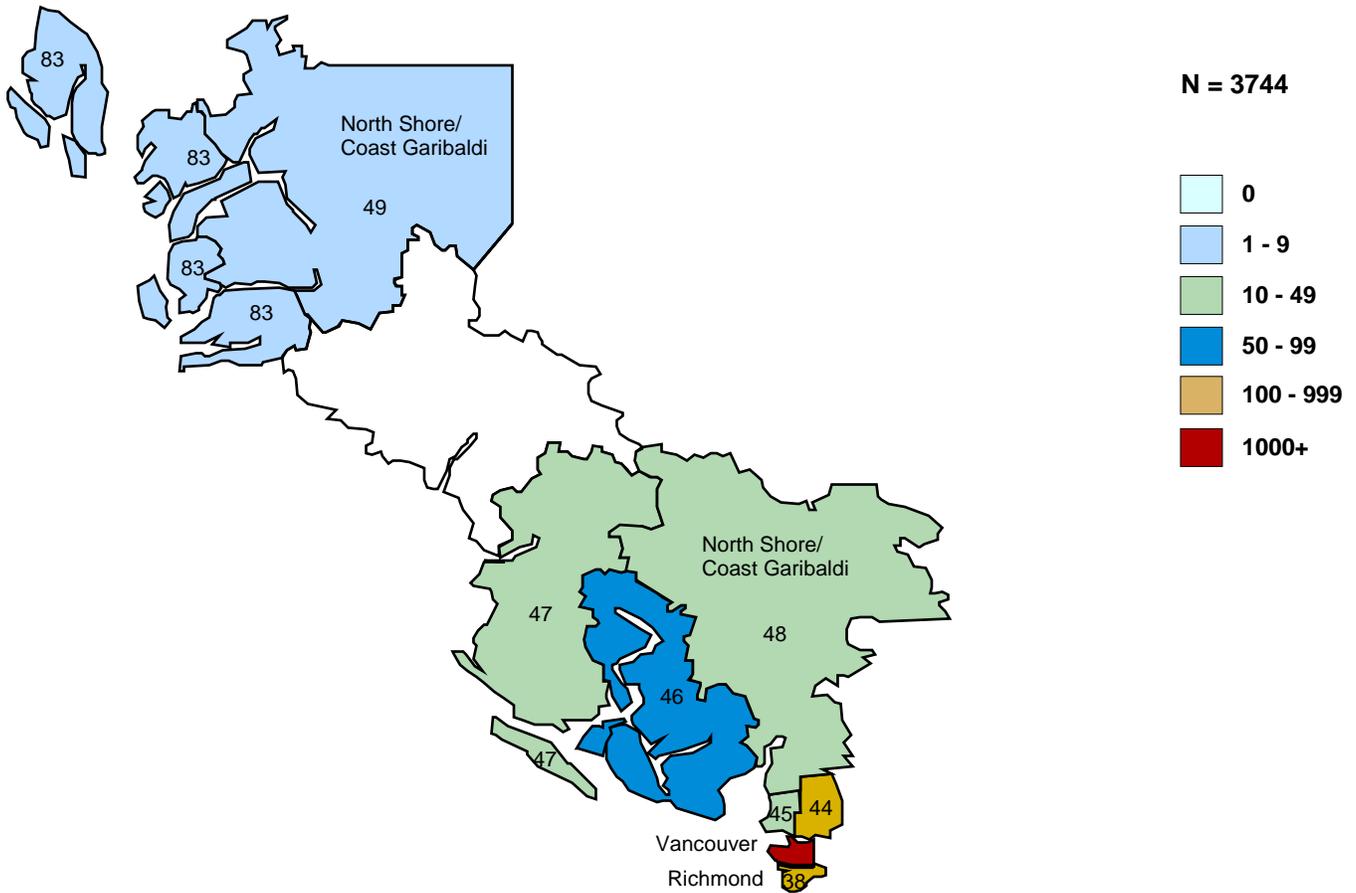
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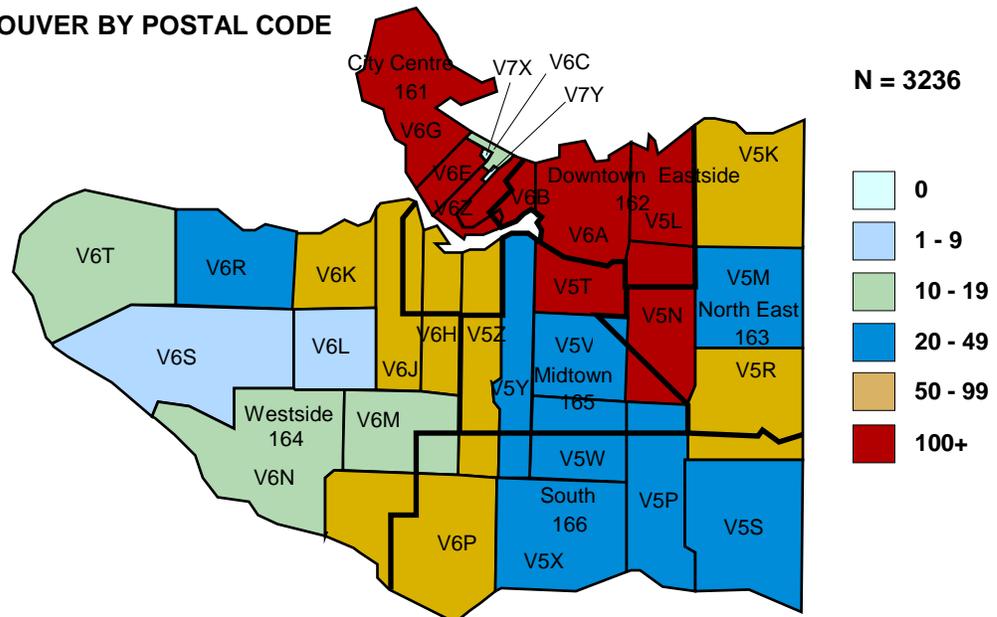


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Feb-2022

VANCOUVER COASTAL HEALTH AUTHORITY BY HEALTH SERVICES DELIVERY AREA/LOCAL HEALTH AREA



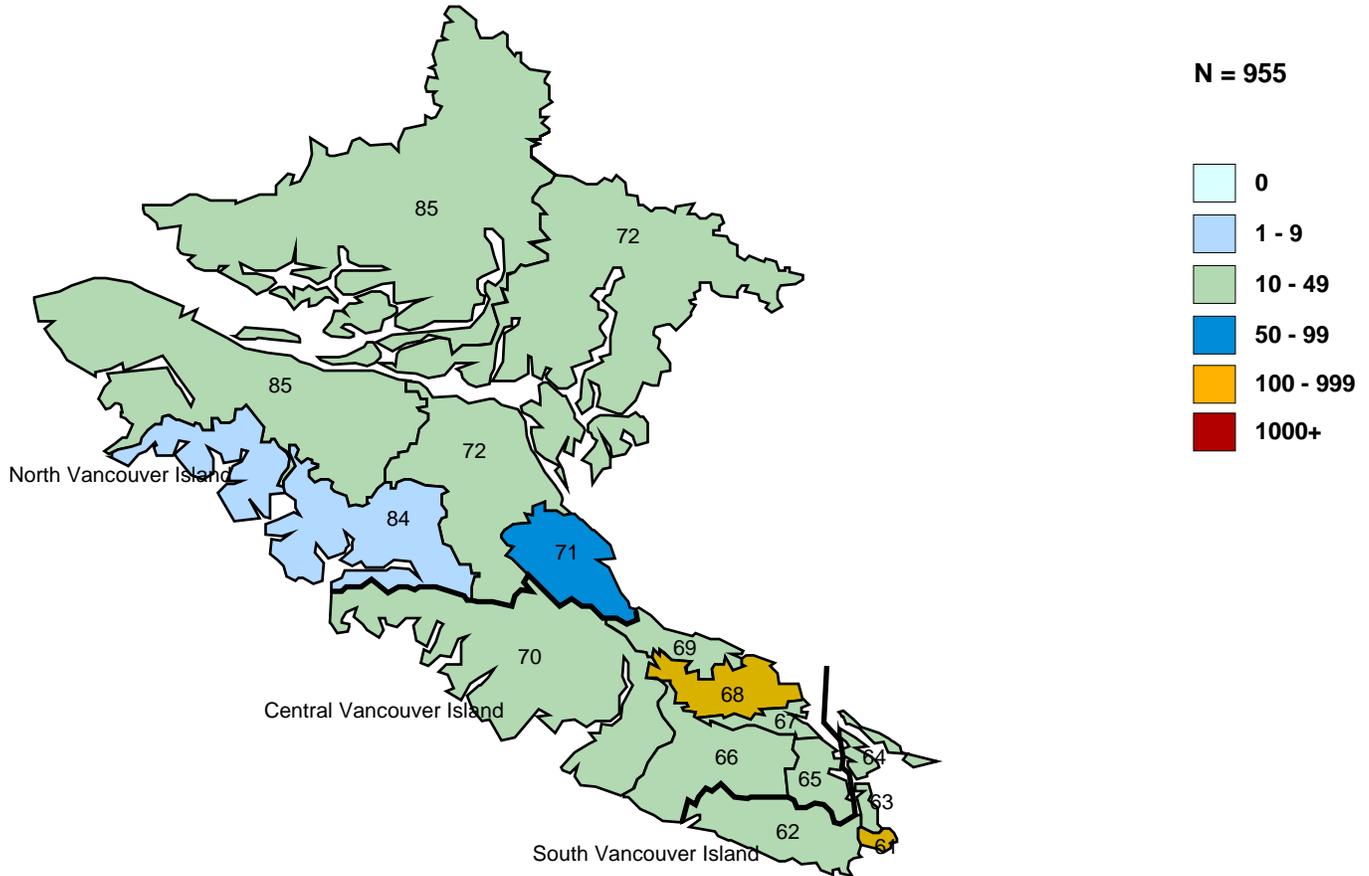
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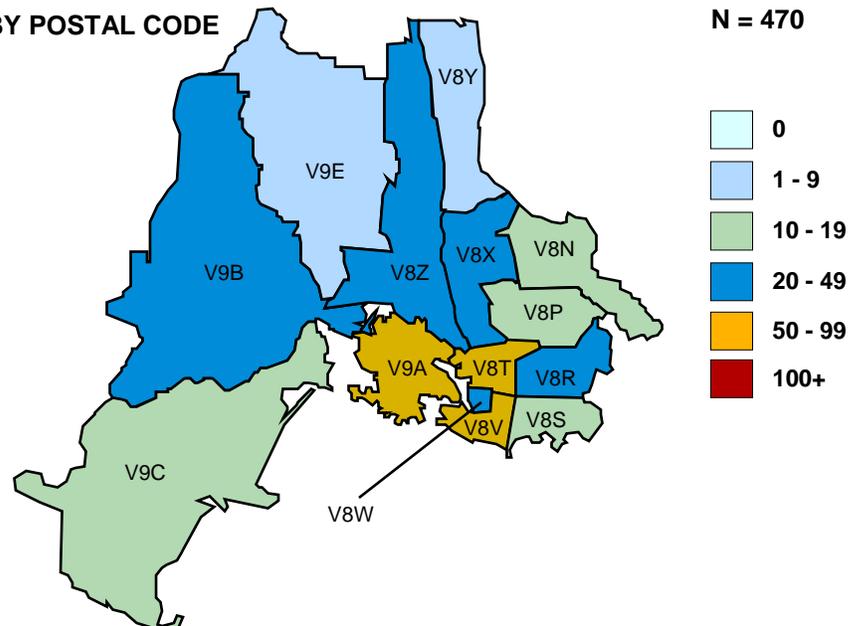


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Feb-2022

VANCOUVER ISLAND HEALTH AUTHORITY BY HEALTH SERVICES DELIVERY AREA/LOCAL HEALTH AREA



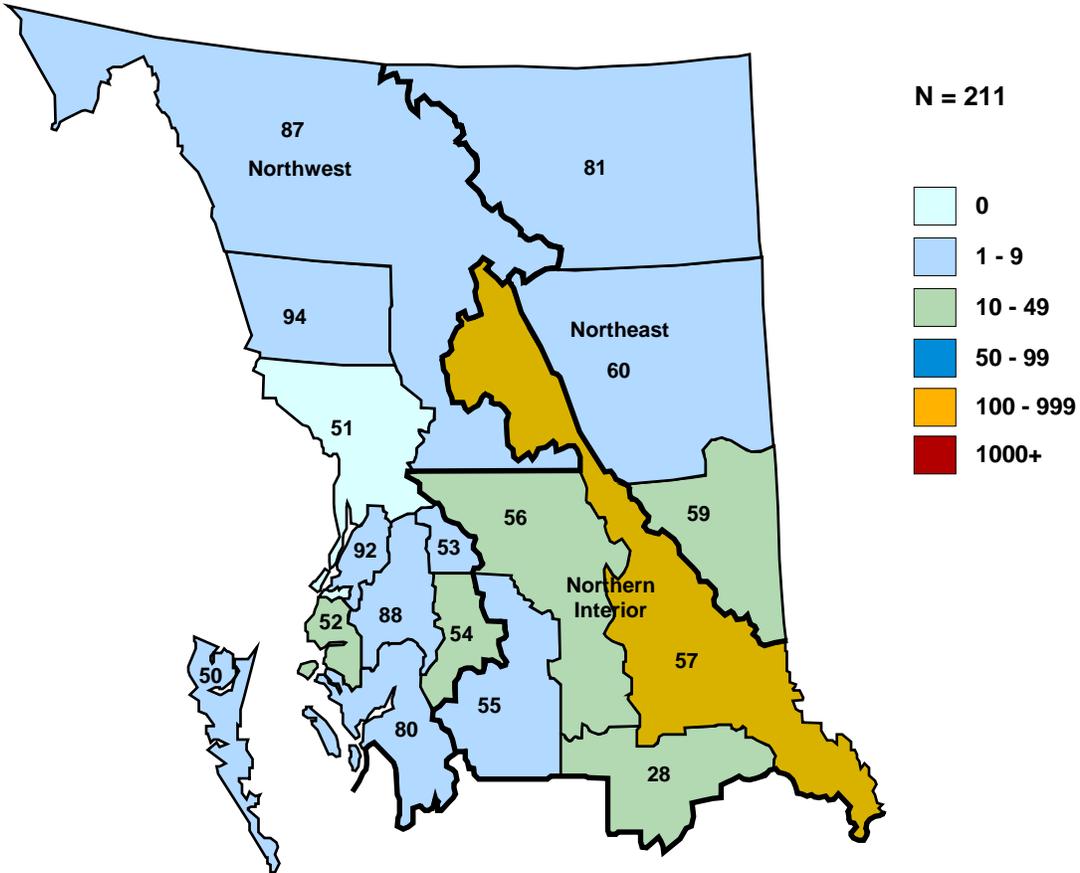
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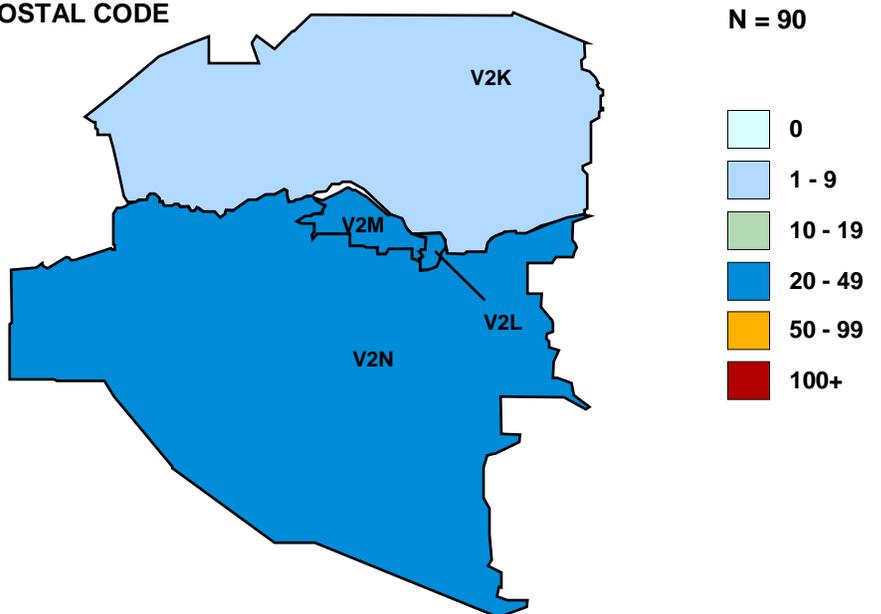


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Feb-2022

NORTHERN HEALTH AUTHORITY BY HEALTH SERVICES DELIVERY AREA/LOCAL HEALTH AREA



PRINCE GEORGE BY POSTAL CODE





4.1 Distribution of Participants in BC-CfE Registries by Age and Sex at Birth INTERIOR Health Authority

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
EAST KOOTENAY	20-34	8	8	5
	35-49	11	11	7
	50+	26	41	17
	Total HSDA:	45	60	29
KOOTENAY BOUNDARY	0-19	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	73	100	55
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	408	551	304
THOMPSON/CARIBOO/ SHUSWAP	20-34	21	21	13
	35-49	66	71	47
	50+	121	194	94
	Total HSDA:	208	286	154
Total HA:		734	997	542

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		734	997	542

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	147	201	108
Male	587	796	434

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	542	56	630	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





4.2 Distribution of Participants in BC-CfE Registries by Treatment Duration INTERIOR Health Authority

HSDA	Treatment Duration	Alive	Currently treated with ARVs
EAST KOOTENAY	10 years or more	22	12
	5 years or more	12	8
	<5 years	11	9
	Total HSDA:	45	29
KOOTENAY BOUNDARY	10 years or more	47	33
	5 years or more	14	10
	<5 years	12	12
	Total HSDA:	73	55
OKANAGAN	10 years or more	269	198
	5 years or more	87	65
	<5 years	52	41
	Total HSDA:	408	304
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	131	98
	5 years or more	45	34
	<5 years	32	22
	Total HSDA:	208	154
Total HA:		734	542

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	469	341
	5 years or more	158	117
	<5 years	107	84
Total HA:		734	542

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Treatment Duration defined as number of years since ARV initiation





4.3 Distribution of ARV Prescribers in BC-CfE Registries INTERIOR Health Authority

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
EAST KOOTENAY	51	70	13	27
KOOTENAY BOUNDARY	77	134	26	55
OKANAGAN	231	981	50	296
THOMPSON/CARIBOO/SHUSWAP	144	541	34	136
Total:	503	1726	123	514

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	110

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently prescribing/treated defined as prescribing/being treated in the previous 6 months

of Patients seeking Prescriber out of HA is defined as patients residing in specified HSDA, but their follow-up prescriber(s) reside in another HA





4.4 Distribution of Participants in BC-CfE Registries by Age and Sex at Birth FRASER Health Authority

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
FRASER EAST	0-19	7	7	7
	20-34	33	35	25
	35-49	97	103	62
	50+	245	340	179
	Total HSDA:	382	485	273
FRASER NORTH	20-34	119	119	78
	35-49	346	372	255
	50+	627	990	485
	Total HSDA:	1092	1481	818
FRASER SOUTH	0-19	5	5	5
	20-34	110	112	76
	35-49	302	335	237
	50+	604	903	487
	Total HSDA:	1021	1355	805
Total HA:		2495	3321	1896

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	12
	20-34	262	266	179
	35-49	745	810	554
	50+	1476	2233	1151
Total HA:		2495	3321	1896

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	606	775	444
Male	1889	2546	1452

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1896	53	650	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





4.5 Distribution of Participants in BC-CfE Registries by Treatment Duration FRASER Health Authority

HSDA	Treatment Duration	Alive	Currently treated with ARVs
FRASER EAST	10 years or more	240	174
	5 years or more	77	49
	<5 years	65	50
	Total HSDA:	382	273
FRASER NORTH	10 years or more	675	489
	5 years or more	237	182
	<5 years	180	147
	Total HSDA:	1092	818
FRASER SOUTH	10 years or more	624	485
	5 years or more	233	179
	<5 years	164	141
	Total HSDA:	1021	805
Total HA:		2495	1896

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1539	1148
	5 years or more	547	410
	<5 years	409	338
Total HA:		2495	1896

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Treatment Duration defined as number of years since ARV initiation





4.6 Distribution of ARV Prescribers in BC-CfE Registries FRASER Health Authority

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
FRASER EAST	142	518	31	58
FRASER NORTH	257	1587	46	222
FRASER SOUTH	226	1735	52	483
Total:	625	3840	129	763

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	185
FRASER NORTH	683
FRASER SOUTH	464
Total:	1332

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently prescribing/treated defined as prescribing/being treated in the previous 6 months

of Patients seeking Prescriber out of HA is defined as patients residing in specified HSDA, but their follow-up prescriber(s) reside in another HA





**4.7 Distribution of Participants in BC-CfE Registries by Age and Sex at Birth
VANCOUVER COASTAL Health Authority**

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
NORTH SHORE/ COAST GARIBALDI	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		358	517
RICHMOND	20-34	32	33	17
	35-49	49	51	40
	50+	109	161	89
	Total HSDA:	190	245	146
VANCOUVER	0-19	11	11	10
	20-34	431	448	285
	35-49	1267	1420	892
	50+	2939	5161	2120
	Total HSDA:	4648	7040	3307
Total HA:		5196	7802	3744

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	11
	20-34	494	512	325
	35-49	1404	1567	998
	50+	3286	5711	2410
Total HA:		5196	7802	3744

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	608	958	449
Male	4586	6842	3295
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3744	55	650	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





4.8 Distribution of Participants in BC-CfE Registries by Treatment Duration VANCOUVER COASTAL Health Authority

HSDA	Treatment Duration	Alive	Currently treated with ARVs
NORTH SHORE/ COAST GARIBALDI	10 years or more	219	177
	5 years or more	78	65
	<5 years	61	49
	Total HSDA:	358	291
RICHMOND	10 years or more	116	86
	5 years or more	31	23
	<5 years	43	37
	Total HSDA:	190	146
VANCOUVER	10 years or more	3141	2169
	5 years or more	896	654
	<5 years	611	484
	Total HSDA:	4648	3307
Total HA:		5196	3744

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3476	2432
	5 years or more	1005	742
	<5 years	715	570
Total HA:		5196	3744

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Treatment Duration defined as number of years since ARV initiation





**4.9 Distribution of ARV Prescribers in BC-CfE Registries
VANCOUVER COASTAL Health Authority**

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
NORTH SHORE/COAST GARIBALDI	185	411	56	81
RICHMOND	44	299	8	92
VANCOUVER	659	11270	212	5353
Total:	888	11980	276	5526

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	84

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently prescribing/treated defined as prescribing/being treated in the previous 6 months

of Patients seeking Prescriber out of HA is defined as patients residing in specified HSDA, but their follow-up prescriber(s) reside in another HA





**4.10 Distribution of Participants in BC-CfE Registries by Age and Sex at Birth
VANCOUVER ISLAND Health Authority**

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
CENTRAL VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		345	502
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		122	170
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		773	1109
Total HA:		1240	1781	955

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	5
	20-34	114	124	77
	35-49	287	331	220
	50+	833	1320	653
Total HA:		1240	1781	955

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	214	311	163
Male	1026	1470	792

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	955	56	590	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





4.11 Distribution of Participants in BC-CfE Registries by Treatment Duration VANCOUVER ISLAND Health Authority

HSDA	Treatment Duration	Alive	Currently treated with ARVs
CENTRAL VANCOUVER ISLAND	10 years or more	210	167
	5 years or more	79	60
	<5 years	56	43
	Total HSDA:	345	270
NORTH VANCOUVER ISLAND	10 years or more	83	65
	5 years or more	27	18
	<5 years	12	12
	Total HSDA:	122	95
SOUTH VANCOUVER ISLAND	10 years or more	466	334
	5 years or more	159	129
	<5 years	148	127
	Total HSDA:	773	590
Total HA:		1240	955

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	759	566
	5 years or more	265	207
	<5 years	216	182
Total HA:		1240	955

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Treatment Duration defined as number of years since ARV initiation





**4.12 Distribution of ARV Prescribers in BC-CfE Registries
VANCOUVER ISLAND Health Authority**

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
CENTRAL VANCOUVER ISLAND	202	908	74	192
NORTH VANCOUVER ISLAND	154	275	40	69
SOUTH VANCOUVER ISLAND	220	1885	41	574
Total:	576	3068	155	835

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	61
NORTH VANCOUVER ISLAND	42
SOUTH VANCOUVER ISLAND	124
Total:	227

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently prescribing/treated defined as prescribing/being treated in the previous 6 months

of Patients seeking Prescriber out of HA is defined as patients residing in specified HSDA, but their follow-up prescriber(s) reside in another HA





**4.13 Distribution of Participants in BC-CfE Registries by Age and Sex at Birth
NORTHERN Health Authority**

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
NORTH EAST	20-34	*	*	0
	35-49	*	*	9
	50+	*	*	13
	Total HSDA:	46	57	22
NORTH WEST	20-34	*	6	0
	35-49	*	40	20
	50+	*	73	34
	Total HSDA:	72	119	54
NORTHERN INTERIOR	0-19	6	6	*
	20-34	21	23	*
	35-49	54	69	*
	50+	112	186	*
	Total HSDA:	193	284	135
Total HA:		311	460	211

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	29	33	*
	35-49	97	130	*
	50+	179	291	*
Total HA:		311	460	211

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	117	173	79
Male	194	287	132

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	211	53	580	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





**4.14 Distribution of Participants in BC-CfE Registries by Treatment Duration
NORTHERN Health Authority**

HSDA	Treatment Duration	Alive	Currently treated with ARVs
NORTH EAST	10 years or more	29	*
	5 years or more	6	*
	<5 years	11	*
	Total HSDA:	46	22
NORTH WEST	10 years or more	47	35
	5 years or more	14	11
	<5 years	11	8
	Total HSDA:	72	54
NORTHERN INTERIOR	10 years or more	99	75
	5 years or more	59	39
	<5 years	35	21
	Total HSDA:	193	135
Total HA:		311	211

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	175	124
	5 years or more	79	52
	<5 years	57	35
Total HA:		311	211

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Treatment Duration defined as number of years since ARV initiation





**4.15 Distribution of ARV Prescribers in BC-CfE Registries
NORTHERN Health Authority**

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
NORTH EAST	39	61	3	*
NORTH WEST	83	168	19	*
NORTHERN INTERIOR	118	487	19	*
Total:	240	716	41	229

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	6
NORTH WEST	22
NORTHERN INTERIOR	12
Total:	40

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently prescribing/treated defined as prescribing/being treated in the previous 6 months

of Patients seeking Prescriber out of HA is defined as patients residing in specified HSDA, but their follow-up prescriber(s) reside in another HA





4.16 Distribution of Indigenous Participants in BC-CfE Registries by Health Service Delivery Area and Sex at Birth

HA	HSDA	Alive	Ever treated with ARVs	Currently treated with ARVs
INTERIOR	EAST KOOTENAY	5	11	*
	KOOTENAY BOUNDARY	6	9	*
	OKANAGAN	27	45	*
	THOMPSON/CARIBOO/SHUSWAP	26	50	*
	Total HA:	64	115	46
FRASER	FRASER EAST	33	46	23
	FRASER NORTH	55	94	42
	FRASER SOUTH	84	119	62
	Total HA:	172	259	127
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	30	53	27
	RICHMOND	7	12	5
	VANCOUVER	467	896	375
	Total HA:	504	961	407
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	47	81	36
	NORTH VANCOUVER ISLAND	13	25	11
	SOUTH VANCOUVER ISLAND	43	88	34
	Total HA:	103	194	81
NORTHERN	NORTH EAST	11	15	6
	NORTH WEST	32	67	24
	NORTHERN INTERIOR	67	110	50
	Total HA:	110	192	80
Total:		953	1721	741

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	601	1104	465
Female	352	617	276

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	741	53	524	35

* Patient numbers > 0 and < 5 are suppressed for privacy purposes.

Definitions:

Currently treated with ARVs defined as being on ARV therapy in the specified month

Med CD4 and PVL tests defined as most recent tests (as of specified month)





5.1 Drug Names and Definitions

Abacavir: a NUCLEOSIDE ANALOG from ViiV Healthcare.

Active: persons in the HIV/AIDS Drug Treatment program that are prescribed one or more drugs in this current month

Antiretroviral: a substance that stops or suppresses the activity of a retrovirus, such as HIV. NUCLEOSIDE ANALOGS and PROTEASE INHIBITORS are examples of antiretroviral drugs.

Atazanavir (Reyataz): a PROTEASE INHIBITOR from Bristol-Myers Squibb.

Atovaquone (Mepron): a medication used to treat pneumocystis carinii pneumonia and, in some cases, toxoplasmosis.

Atripla: the Bristol-Myers Squibb and Gilead trade name for a tablet containing EFAVIRENZ, TENOFOVIR DF and EMTRICITABINE.

Azithromycin (Zithromax): an antibiotic used for the prevention of mycobacterium avium complex (MAC) in people with advanced HIV infection.

Bictegravir: an INTEGRASE INHIBITOR from Gilead Sciences.

Boosted PI: a PI and a small (400 mg or less, total daily dose) additional dose or RITONAVIR. The addition of RITONAVIR inhibits metabolism of other PIs and improves their exposure. This may allow for decreased dosing frequency or pill burden and may improve adherence and antiretroviral activity.

CD4 Cell Count: the most commonly used marker for assessing the state of the immune system. As CD4 cell count declines, the risk of developing opportunistic infections increases. Normal CD4 cell counts are greater than 800 per cubic millimeter of blood.

Chemokine Receptor Inhibitor: a type of ENTRY INHIBITOR designed to prevent HIV entry by blocking the binding site of co-receptors, such as CCR5 or CXCR4.

Clarithromycin (Biaxin): an antibiotic used for the treatment of mycobacterium avium complex (MAC). It is also used for preventing MAC in those with advanced HIV infection.

Cobicistat: a pharmacokinetic enhancer (“booster”) given with other antiretrovirals to improve drug exposure. Cobicistat has no anti-HIV activity. It is currently available as a component of STRIBILD, GENVOYA and PREZCOBIX.

Combination Therapy: initial combination therapy for HIV contains at least three ANTIRETROVIRALS.

Complera: the Gilead trade name for a tablet containing EMTRICITABINE, RILPIVIRINE and TENOFOVIR DF.

Darunavir (Prezista): a PROTEASE INHIBITOR from Janssen that has activity against HIV in treatment-experienced patients.

Deceased: persons enrolled in the HIV/AIDS Drug Treatment program that died in this time period.

Descovy: the Gilead trade name for a tablet containing EMTRICITABINE and TENOFOVIR AF.

Didanosine (Videx): a NUCLEOSIDE ANALOG from Bristol-Myers Squibb.

Dolutegravir (Tivicay): an INTEGRASE INHIBITOR from ViiV Healthcare.





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Doravirine: a NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR (NNRTI) from Merck.

Efavirenz (Sustiva, Auro efavirenz): a NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR (NNRTI) from Bristol-Myers Squibb.

Elvitegravir: an INTEGRASE INHIBITOR from Gilead Sciences. It is currently available as a component of STRIBILD.

Emtricitabine: a NUCLEOSIDE ANALOG from Gilead Sciences. It is currently available as a component of TRUVADA and other combinations.

Enfuvirtide (Fuzeon): a FUSION INHIBITOR from Hoffman-La Roche that targets the gp41 protein on the surface of HIV. It is administered as a subcutaneous injection.

Entry Inhibitor: a drug that inhibits the entry of HIV into cells. Entry inhibitors include FUSION INHIBITORS, CHEMOKINE RECEPTOR INHIBITORS, and attachment inhibitors.

Etravirine (Intence): a NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR from Janssen that has activity against HIV in treatment-experienced patients.

First started program: a person prescribed their first regimen ever in the HIV/AIDS drug treatment program.

Fosamprenavir (Telzir): a PROTEASE INHIBITOR from ViiV Healthcare. Fosamprenavir is a PRODRUG of AMPRENAVIR.

Fusion Inhibitor: a type of ENTRY INHIBITOR designed to prevent HIV from fusing with and thereby infecting CD4 cells.

Genvoya: the Gilead trade name for a tablet containing ELVITEGRAVIR, COBICSTAT, EMTRICITABINE and TENOFOVIR AF.

Health Authority: refers to the five (Interior, Fraser, Northern, Vancouver Coastal, Vancouver Island) health authorities created by the BC Ministry of Health.

Inactive: persons no longer dispensed drugs through the HIV/AIDS Drug Treatment program this current month.

Integrase Inhibitor: a drug that blocks integrase, a protein that HIV needs to enter cells and produce copies of itself, from working.

Kivexa: the ViiV Healthcare's trade name for a tablet containing both ABACAVIR and LAMIVUDINE.

Lamivudine: a NUCLEOSIDE ANALOG from ViiV Healthcare with activity against HIV and hepatitis B.

Lopinavir (Kaletra): a PROTEASE INHIBITOR from Abbott Laboratories. Kaletra is a combination of lopinavir and a low dose of RITONAVIR, a drug that improves blood levels of lopinavir.

Maraviroc (Celsentri): a CHEMOKINE RECEPTOR INHIBITOR from ViiV Healthcare that inhibits HIV entry by blocking the binding site of the CCR5 co-receptor.

Median (MED) age: median age of participants in the HIV/AIDS Drug Treatment program in that time period.

MDRT: see MULTIPLE DRUG RESCUE THERAPY

Moved out of BC: a person in the HIV/AIDS Drug Treatment program that is no longer in the program, because they moved out of BC in this time period.





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Multiple Drug Rescue Therapy (MDRT or Mega-HAART): the use of five or more antiretrovirals to treat HIV, typically some or all of which have been used previously by the individual.

Nelfinavir (Viracept): a PROTEASE INHIBITOR from ViiV Healthcare.

Net change: the net increase or decrease in persons enrolled in the HIV/AIDS Drug Treatment Program from the previous time period.

Nevirapine (Viramune): a NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR (NNRTI) from Boehringer Ingelheim.

NNRTI: see NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR.

NNRTI / no PI: a combination therapy regimen of four or fewer antiretroviral drugs, including an NNRTI, but no PIs.

Non-Nucleoside Reverse Transcriptase Inhibitor (NNRTI): a member of a class of compounds, including DELAVIRDINE, NEVIRAPINE, EFAVIRENZ and ETRAVIRINE that acts to directly combine with and block the action of HIV's reverse transcriptase enzyme.

N(t)RTI: a category of drug encompassing both NUCLEOSIDE ANALOG and NUCLEOTIDE ANALOG

Nucleoside Analog (Nucleoside Analog Reverse Transcriptase Inhibitor, NRTI): a type of ANTIVIRAL drug whose structure constitutes a defective version of a natural nucleoside. Nucleoside analogs may take the place of the natural nucleosides, blocking the completion of a viral DNA chain during infection of a new cell by HIV. The HIV enzyme reverse transcriptase is more likely to incorporate nucleoside analogs into the DNA it is constructing than is the DNA polymerase that cells normally use for DNA construction.

Nucleotide Analog: ANTIVIRAL compounds that function exactly like NUCLEOSIDE ANALOGS but are pre-activated through the addition of a phosphate group during their synthesis. This phosphorylation is supposed to enhance the drug levels and activity achieved within cells.

Odefsey: the Gilead trade name for a tablet containing RILPIVIRINE, EMTRICITABINE and TENOFOVIR AF.

One or more PI: a combination therapy regimen of four or fewer antiretroviral drugs, including one unboosted PI or 2 or more PIs with or without a small (400 mg or less, total daily dose) additional dose of RITONAVIR.

Other: an antiretroviral regimen in the HIV/AIDS Drug Treatment program other than NNRTI/no PI, boosted PI, 1 or more PIs or MDRT-based regimens (eg. Triple Nucleoside regimens).

Pentamidine: an antiprotozoal drug used in aerosol form as a preventative against pneumocystis carinii pneumonia (PCP).

PI: see PROTEASE INHIBITOR.

Prezcobix: the Janssen trade name for a tablet containing DARUNAVIR and COBICISTAT.

Prodrug: a compound that is converted within the body into the active form that has medical effects.

Protease Inhibitor: a drug that binds to and blocks HIV protease from working, thus preventing the production of new functional viral particles.

Raltegravir (Isentress): an INTEGRASE INHIBITOR from Merck.

Restarted/ changed therapy (Tx): a person in the HIV/AIDS Drug Treatment program that was either CURRENTLY OFF THERAPY and now has been prescribed a new regimen or a person who has changed regimens.





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Rifabutin (Mycobutin): an oral drug used to prevent mycobacterium avium complex (MAC) in people with advanced HIV infection. Rifabutin is also used in combination with other drugs for the treatment of active MAC infections.

Rilpivirine (Edurant): a NON-NUCELOSIDE REVERSE TRANSCRIPTASE INHIBITOR (NNRTI) from Janssen.

Ritonavir (Norvir): a PROTEASE INHIBITOR from Abbott. Ritonavir is commonly used to inhibit the liver enzyme metabolism of other protease inhibitors and improve their blood exposure (“booster”).

Saquinavir (Invirase): a PROTEASE INHIBITOR from Hoffman-La Roche.

Stavudine (Zerit): a NUCLEOSIDE ANALOG from Bristol-Myers Squibb.

Stopped all therapies (Tx): a person in the HIV/AIDS Drug Treatment program that stopped all therapies in this time period and is now CURRENTLY OFF THERAPY.

Stribild: the Gilead trade name for a tablet containing ELVITEGRAVIR, COBICISTAT, EMTRICITABINE and TENOFOVIR DF.

Tenofovir alafenamide (Tenofovir AF, TAF): a NUCLEOTIDE ANALOG from Gilead Sciences with activity against HIV. It is currently available as a component of DESCOVY and GENVOYA.

Tenofovir disoproxil fumarate (Viread, Tenofovir DF, TDF): a NUCLEOTIDE ANALOG from Gilead Sciences with activity against HIV and hepatitis B.

Tipranavir (Aptivus): a PROTEASE INHIBITOR from Boehringer Ingelheim that has activity against HIV in treatment-experienced patients.

Triple Therapy: the use of three drugs, most often a PROTEASE INHIBITOR or NON-NUCLEOSIDE ANALOG with two NUCLEOSIDE ANALOGS, in the treatment of HIV.

Triumeq: the ViiV Healthcare’s trade name for a tablet containing DOLUTEGRAVIR, ABACAVIR and LAMIVUDINE.

Trizivir: the ViiV Healthcare’s trade name for a tablet containing ABACAVIR, ZIDOVUDINE and LAMIVUDINE.

Truvada: the Gilead trade name for a tablet containing TENOFOVIR DF and EMTRICITABINE.

Valganciclovir: an antiviral drug used to treat cytomegalovirus (CMV) retinitis.

Viral Load: the amount of HIV RNA per unit of blood plasma. An indicator of virus concentration and reproduction rate. HIV viral load is employed as a measure of the success of antiretroviral therapy.

Zidovudine (Retrovir): a NUCLEOSIDE ANALOG from ViiV Healthcare. AZT is also approved for preventing maternal-fetal HIV transmission.

