



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

November 2023





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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 people living with HIV 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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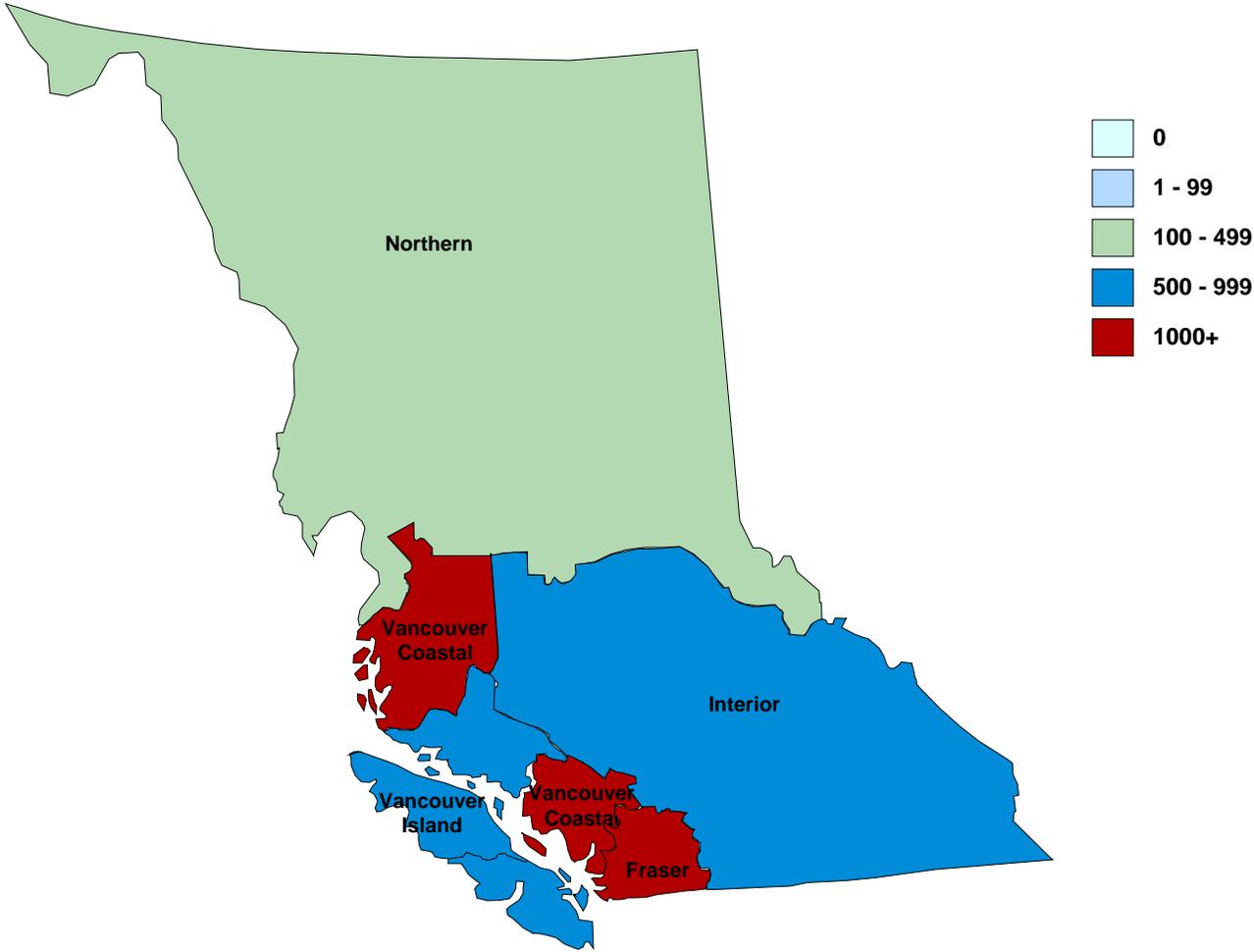




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

November 2023

N = 7628



Health Authority	Male	Female	All
FRASER	1545	482	2027
INTERIOR	467	118	585
NORTHERN	156	72	228
VANCOUVER COASTAL	3321	452	3773
VANCOUVER ISLAND	827	164	991
	6316	1288	7604
		Unknown/not stated:	24
		Total:	7628

Definitions:

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

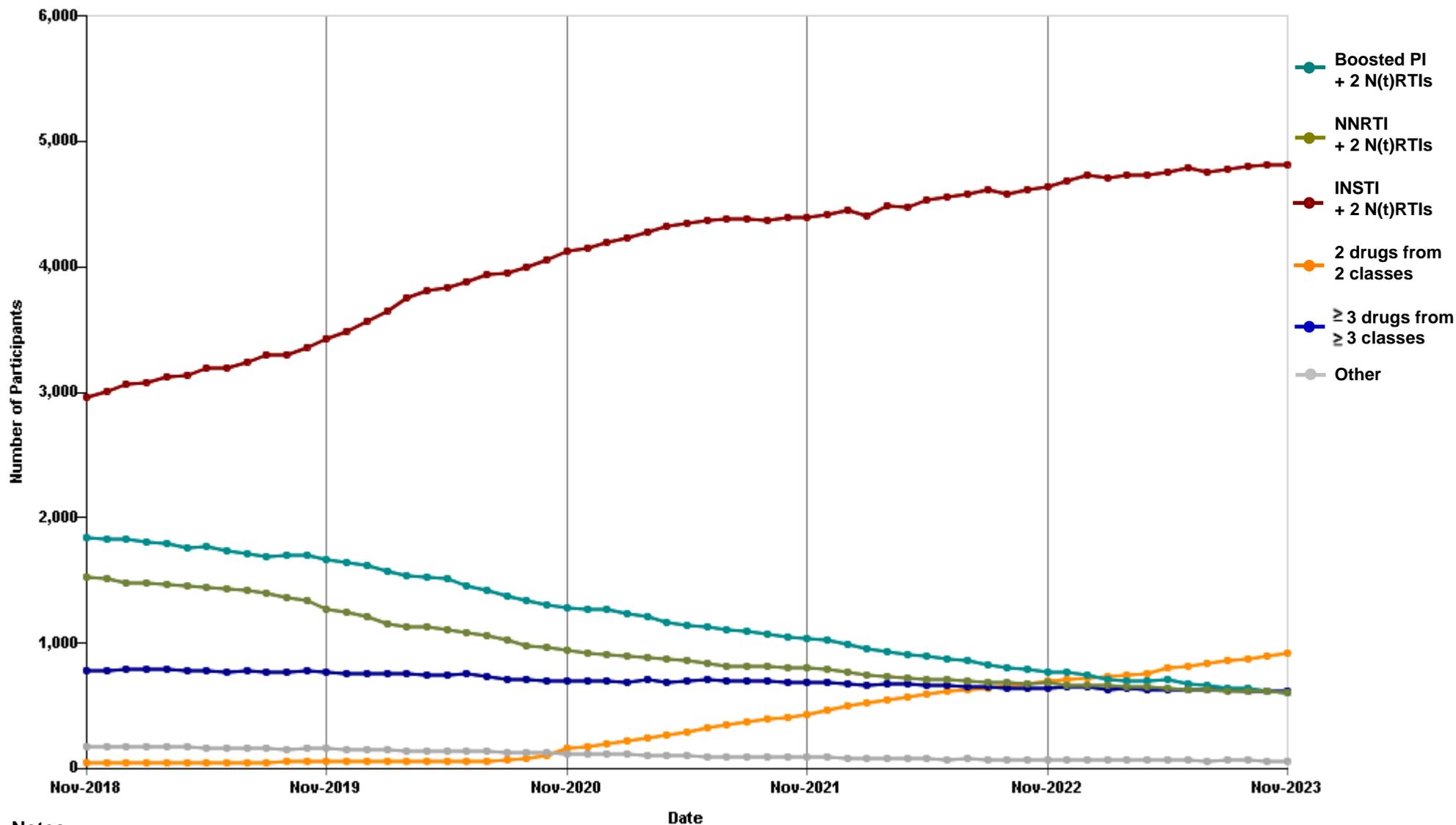
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (November 2018 - November 2023)



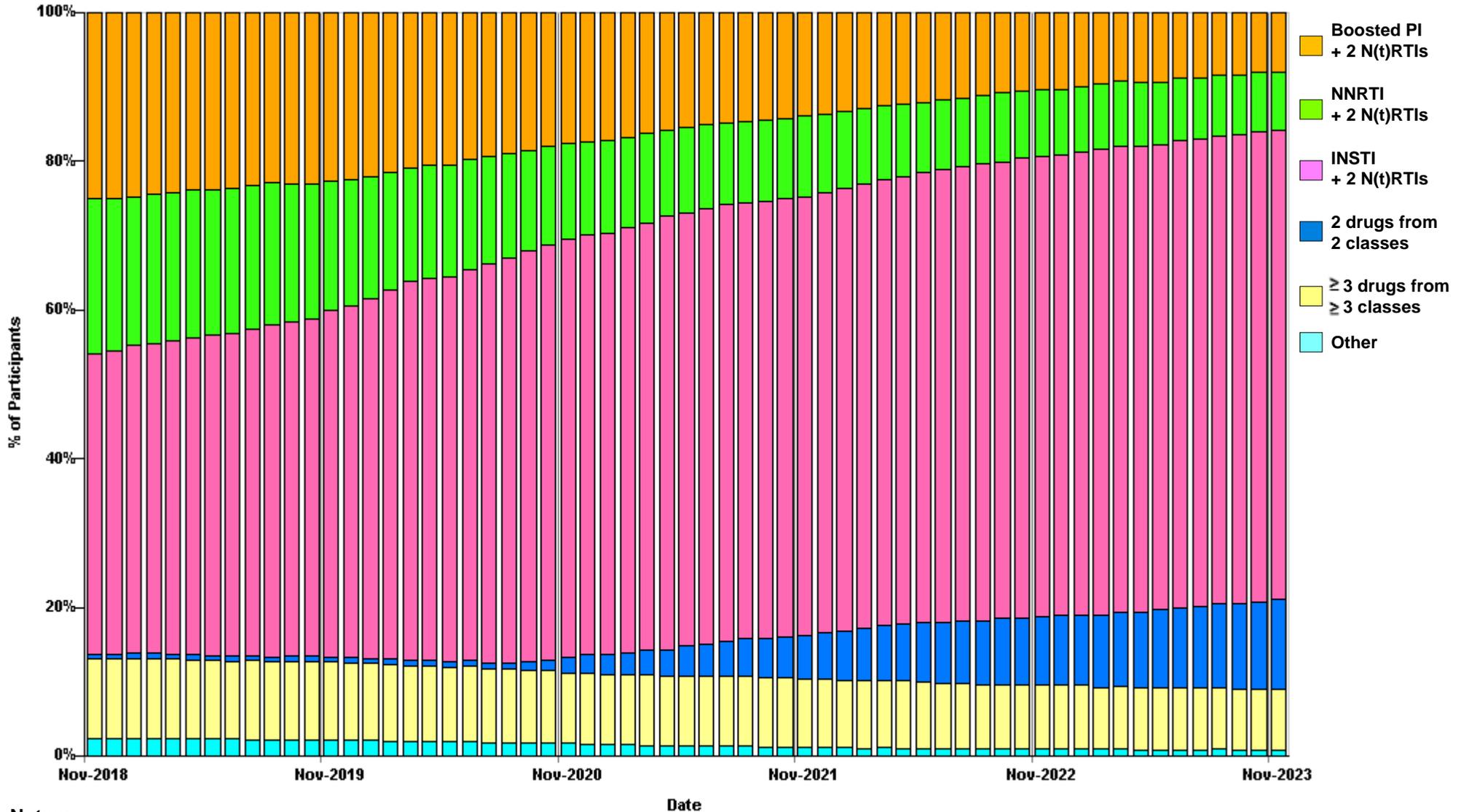
Notes:

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 (November 2018 - November 2023)



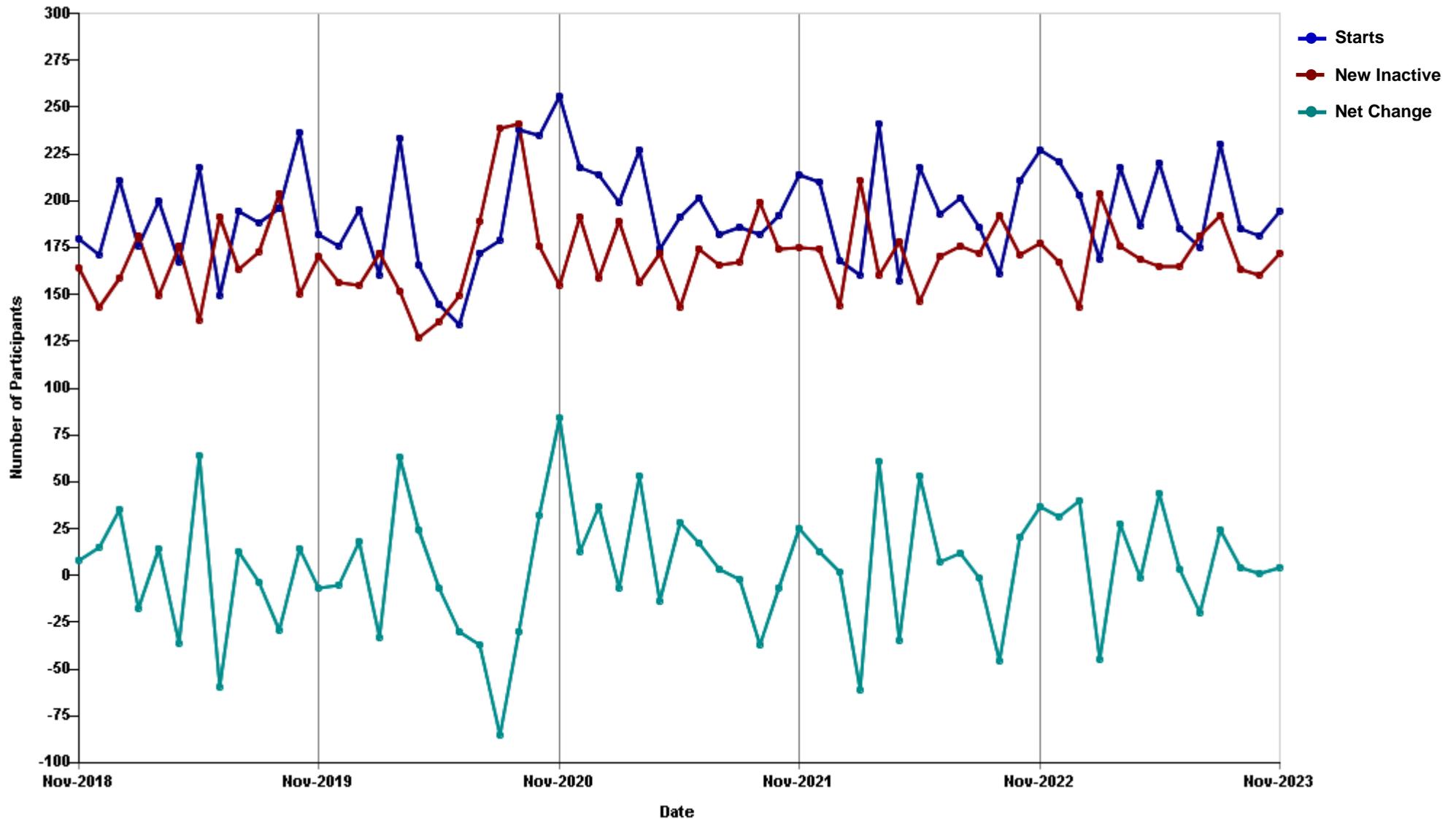
Notes:

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



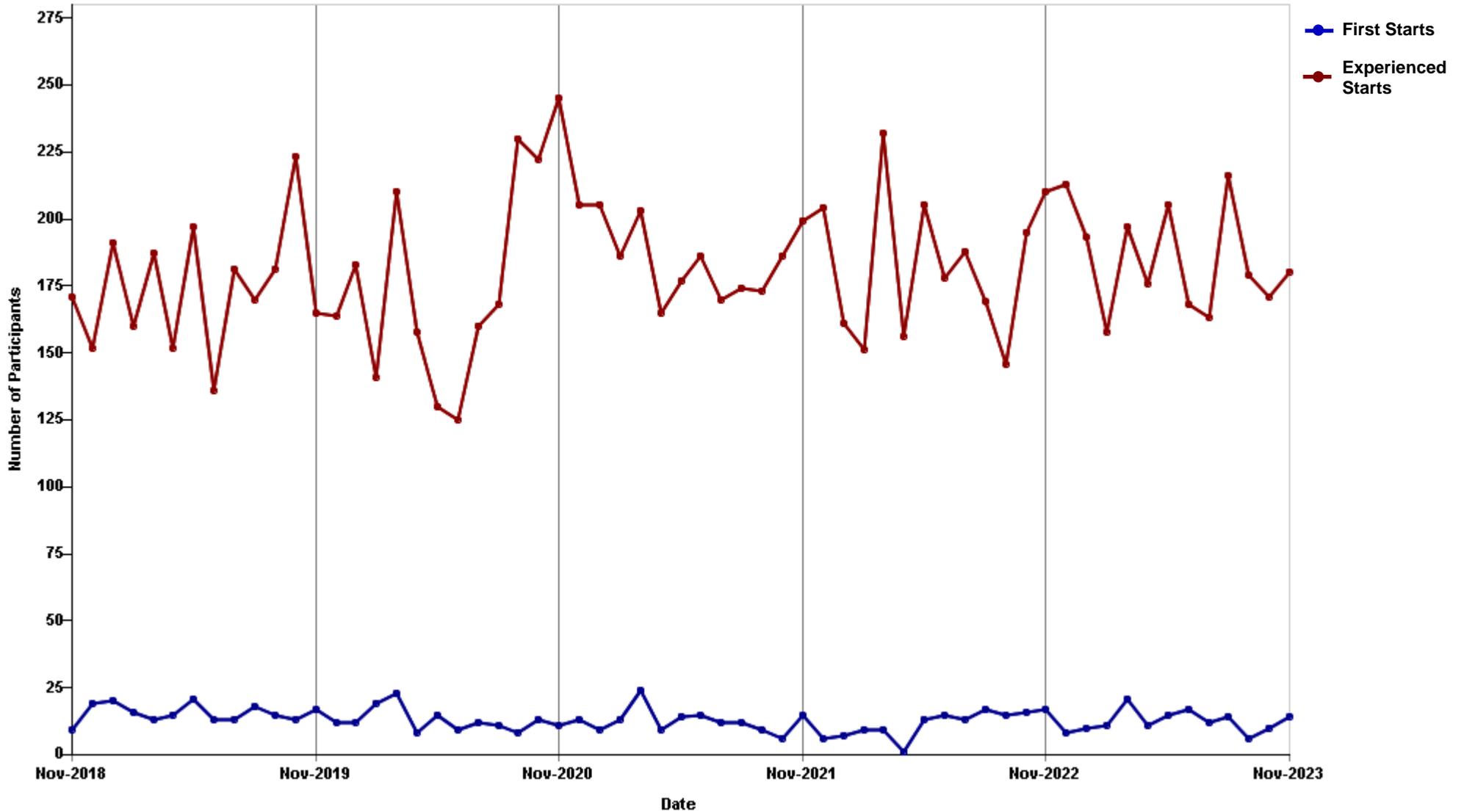


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (November 2018 - November 2023)



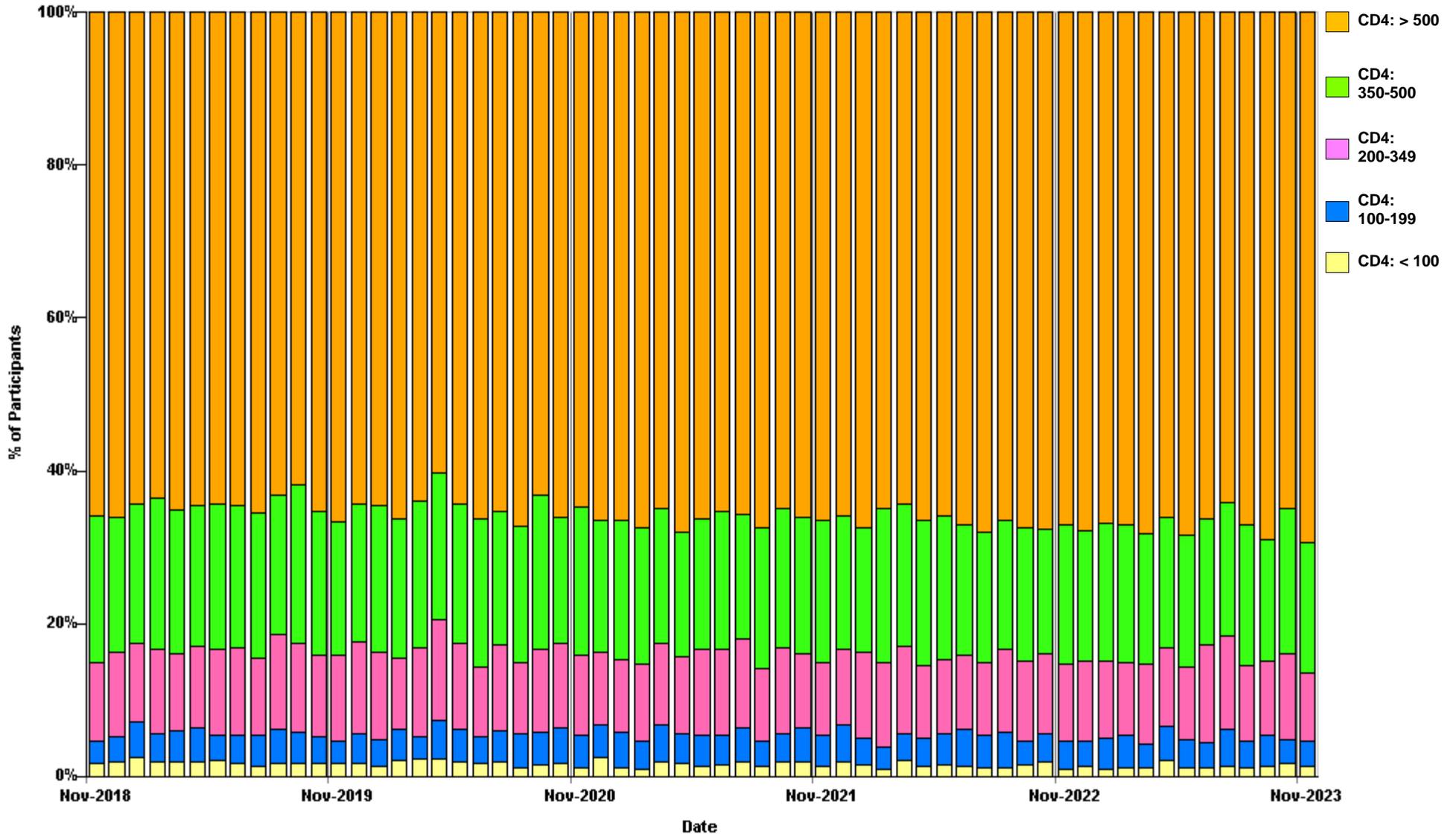


1.5 BC-CfE Enrolment: New Antiretroviral Participants
(November 2018 - November 2023)



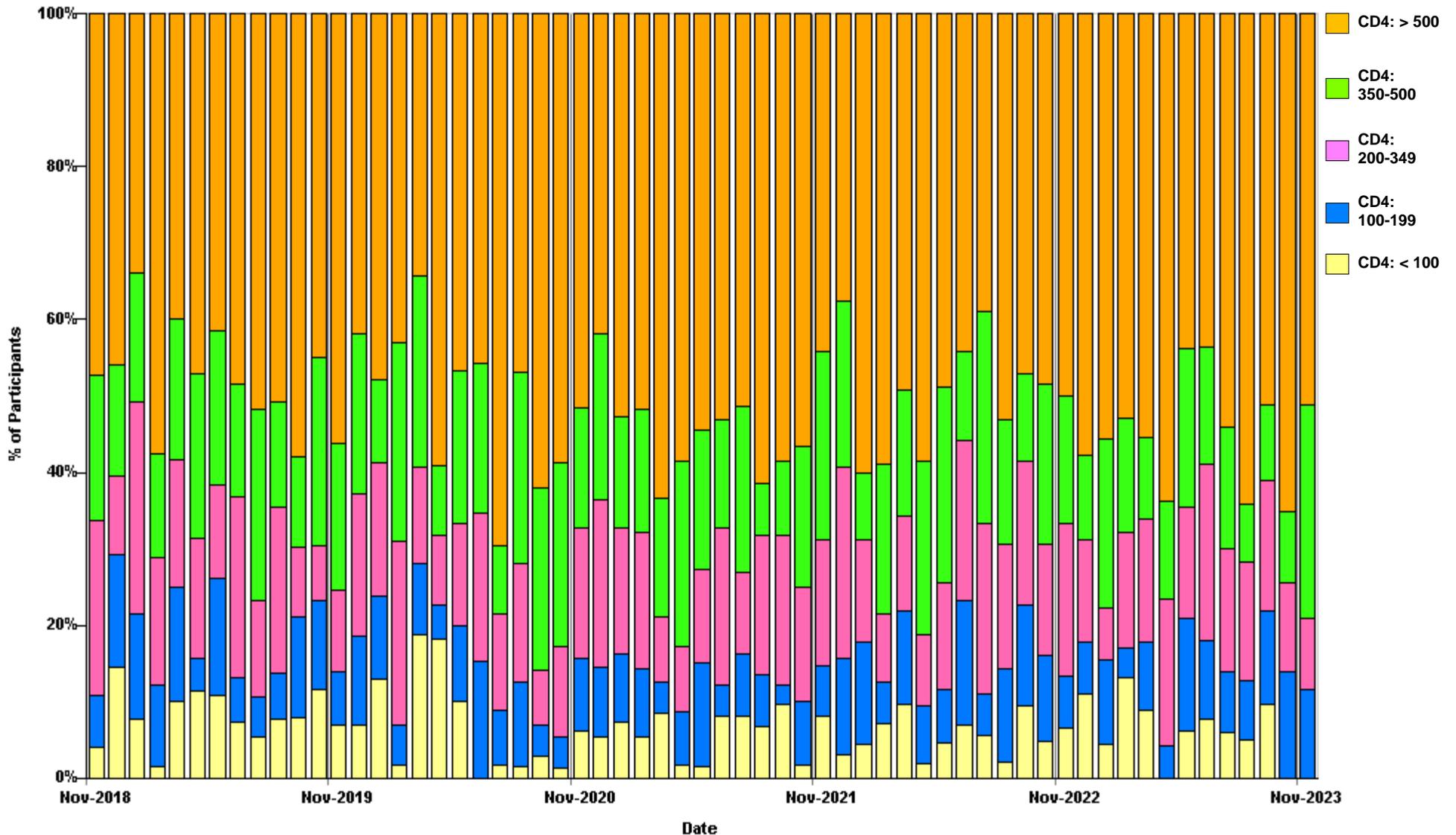


1.6 Percent Distribution of Active Participants by CD4 Count
(November 2018 - November 2023)



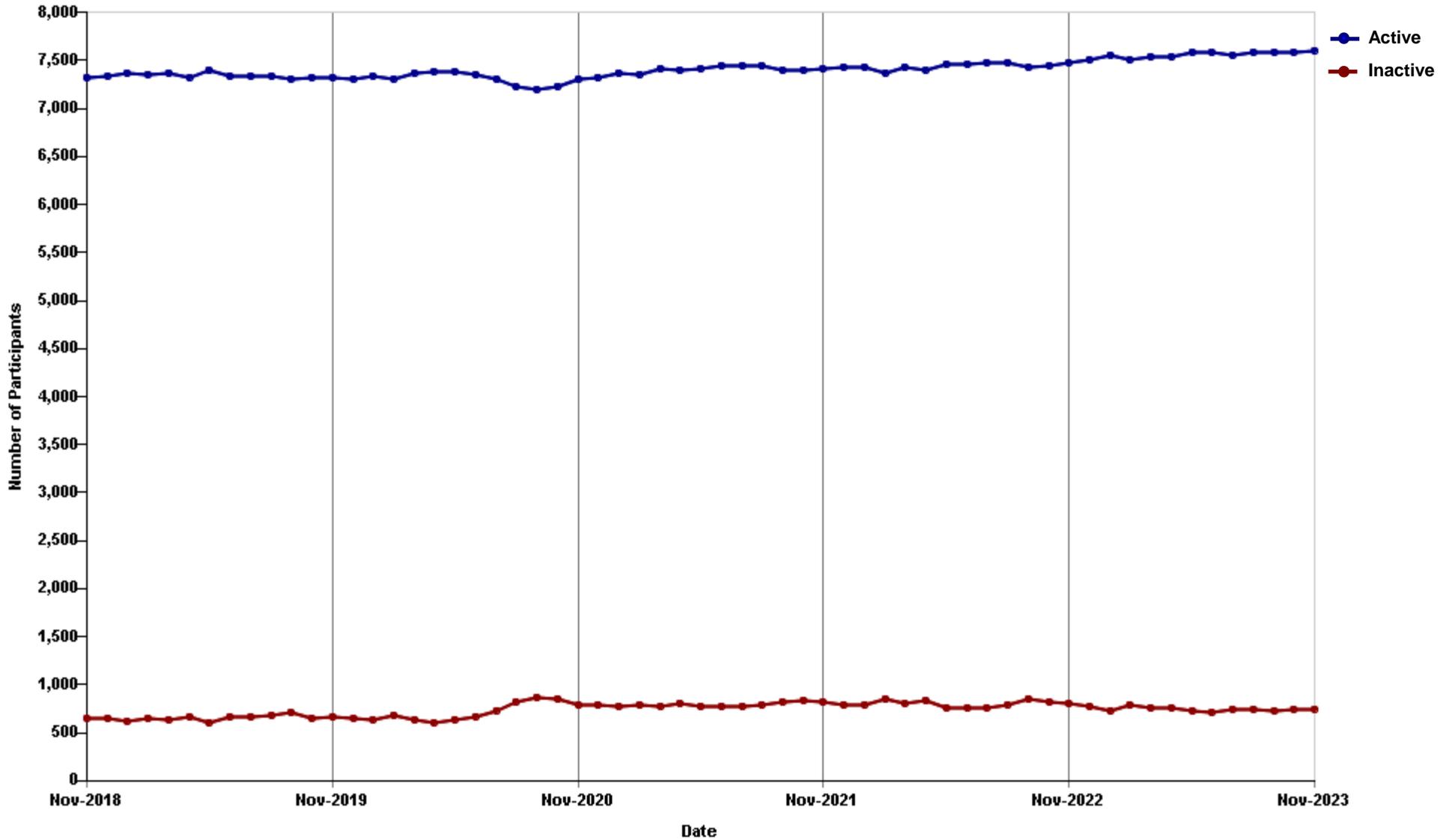


1.7 Percent Distribution of Inactive Participants by CD4 Count (November 2018 - November 2023)



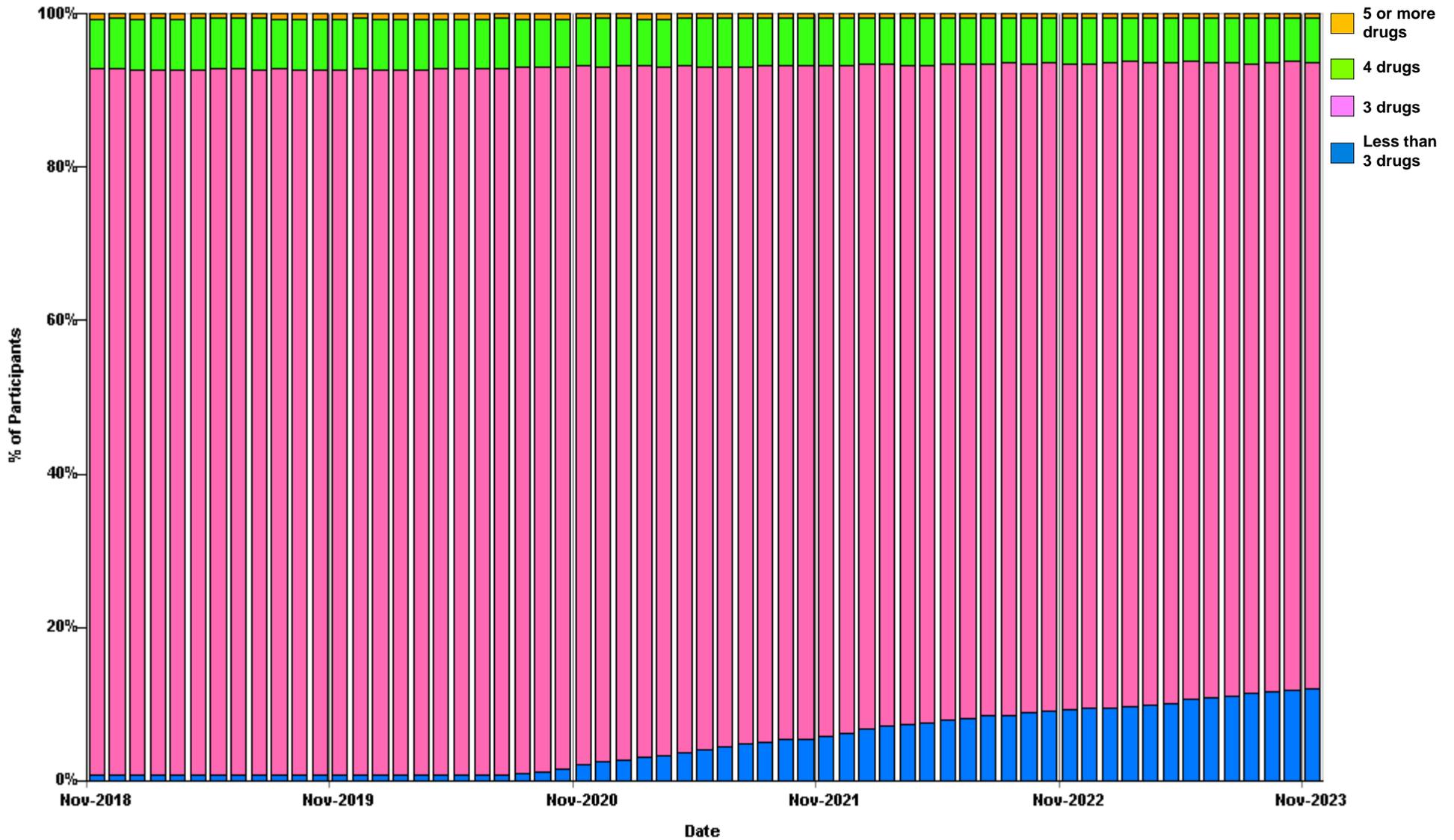


1.8 Active and Inactive Participants (November 2018 - November 2023)



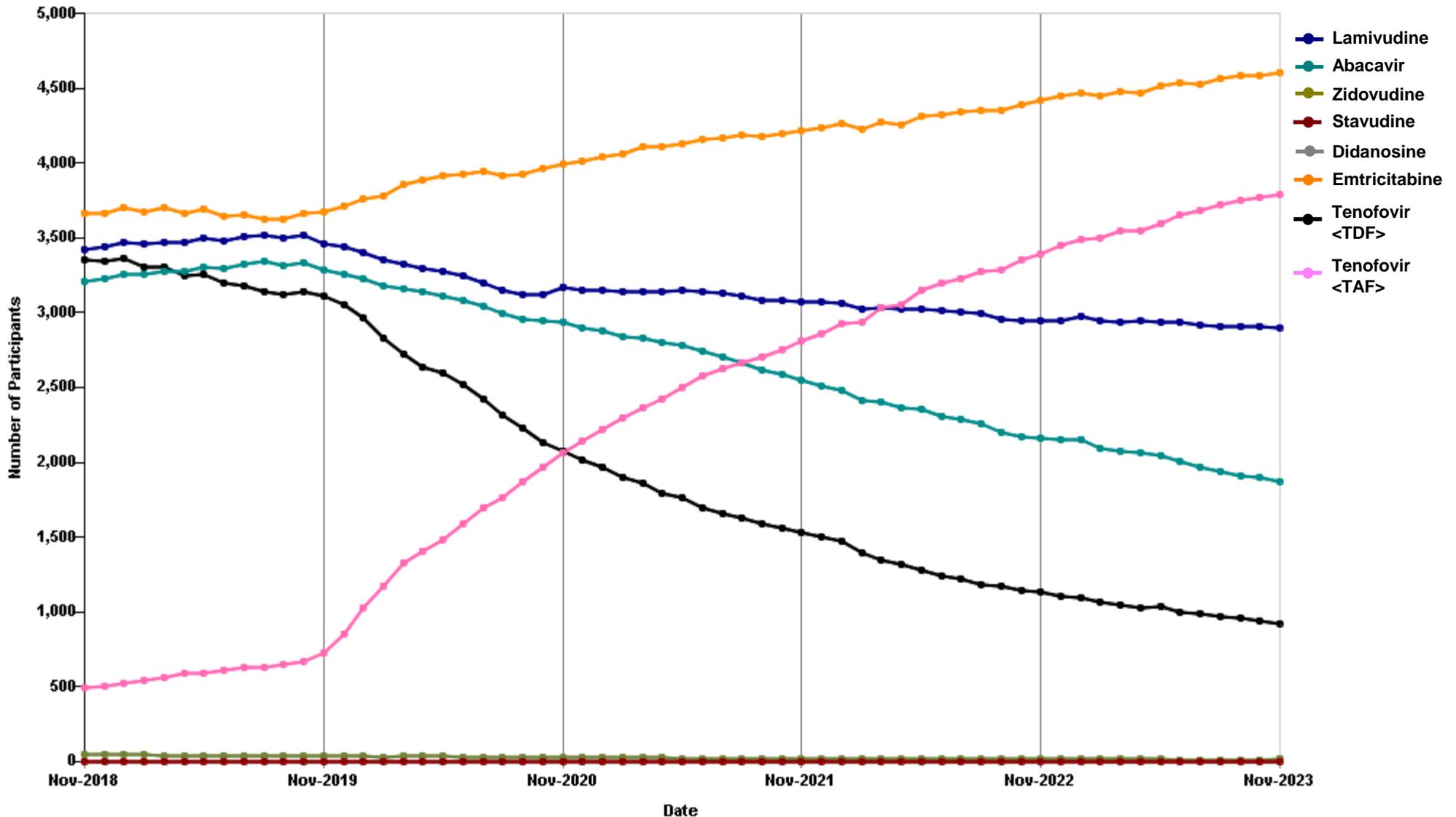


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs
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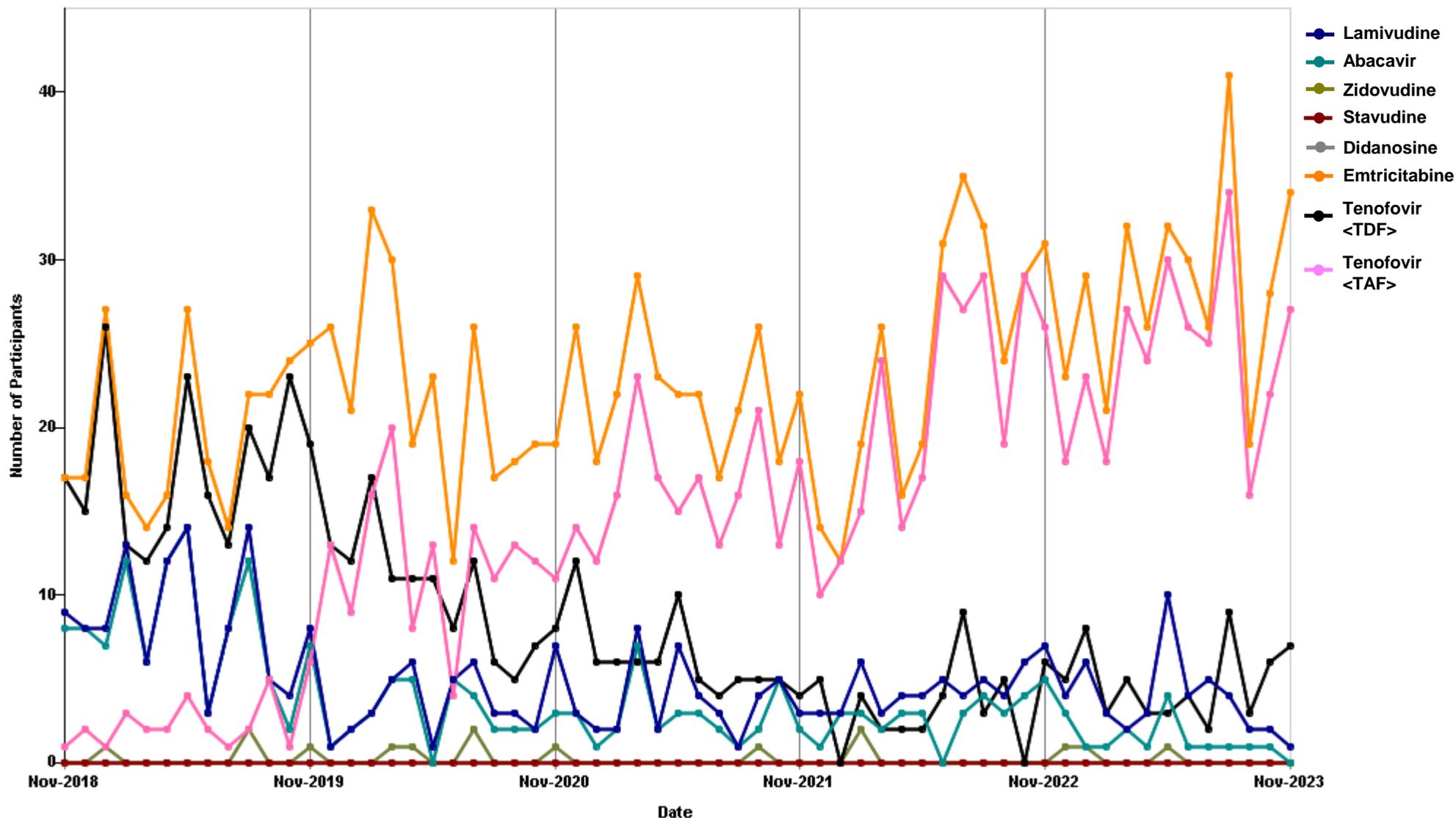
1.10 Distribution of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT (November 2018 - November 2023)





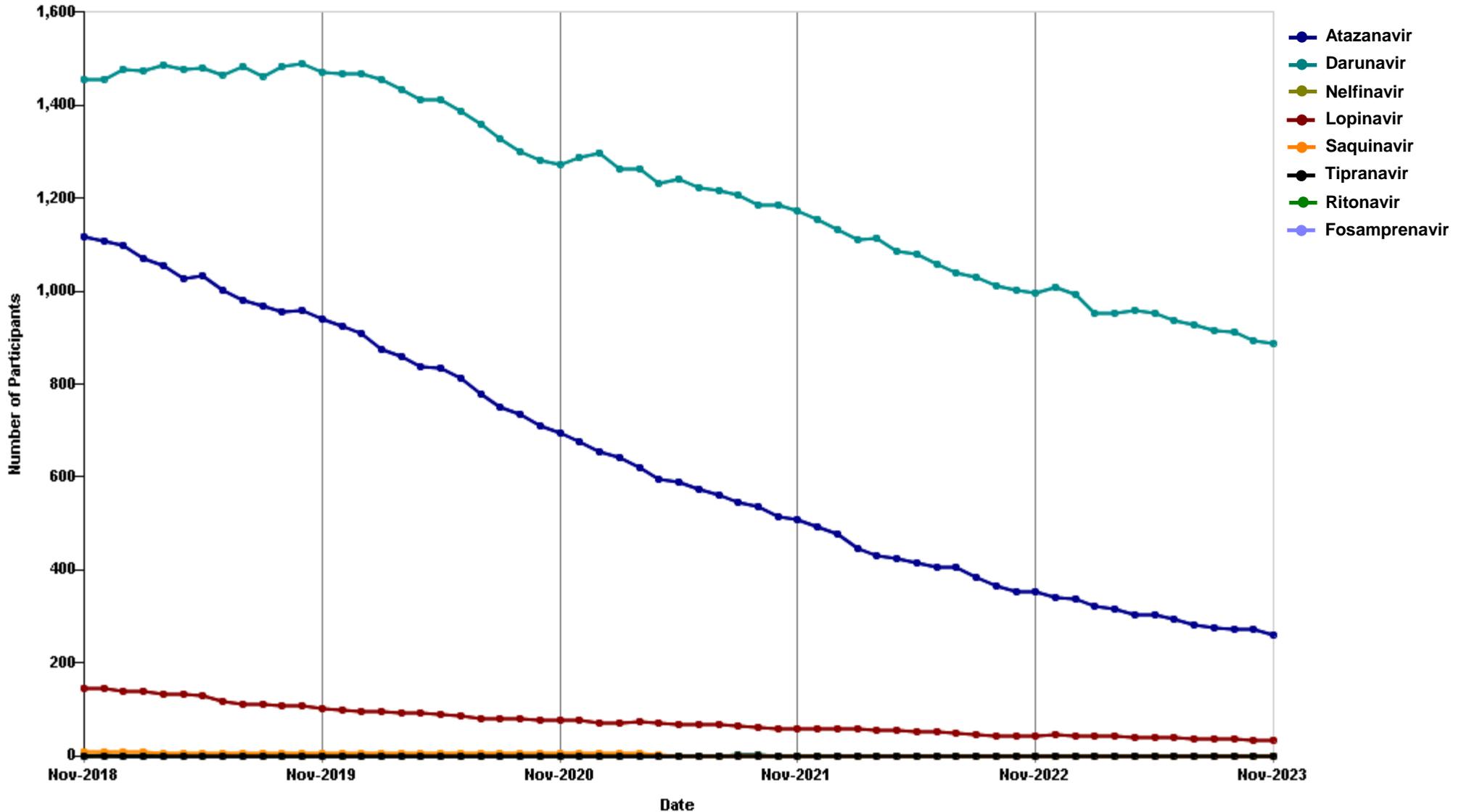
1.11 Distribution of Participants on Nucleoside/Nucleotide Analogues at the time of first start of ARV Therapy by INGREDIENT

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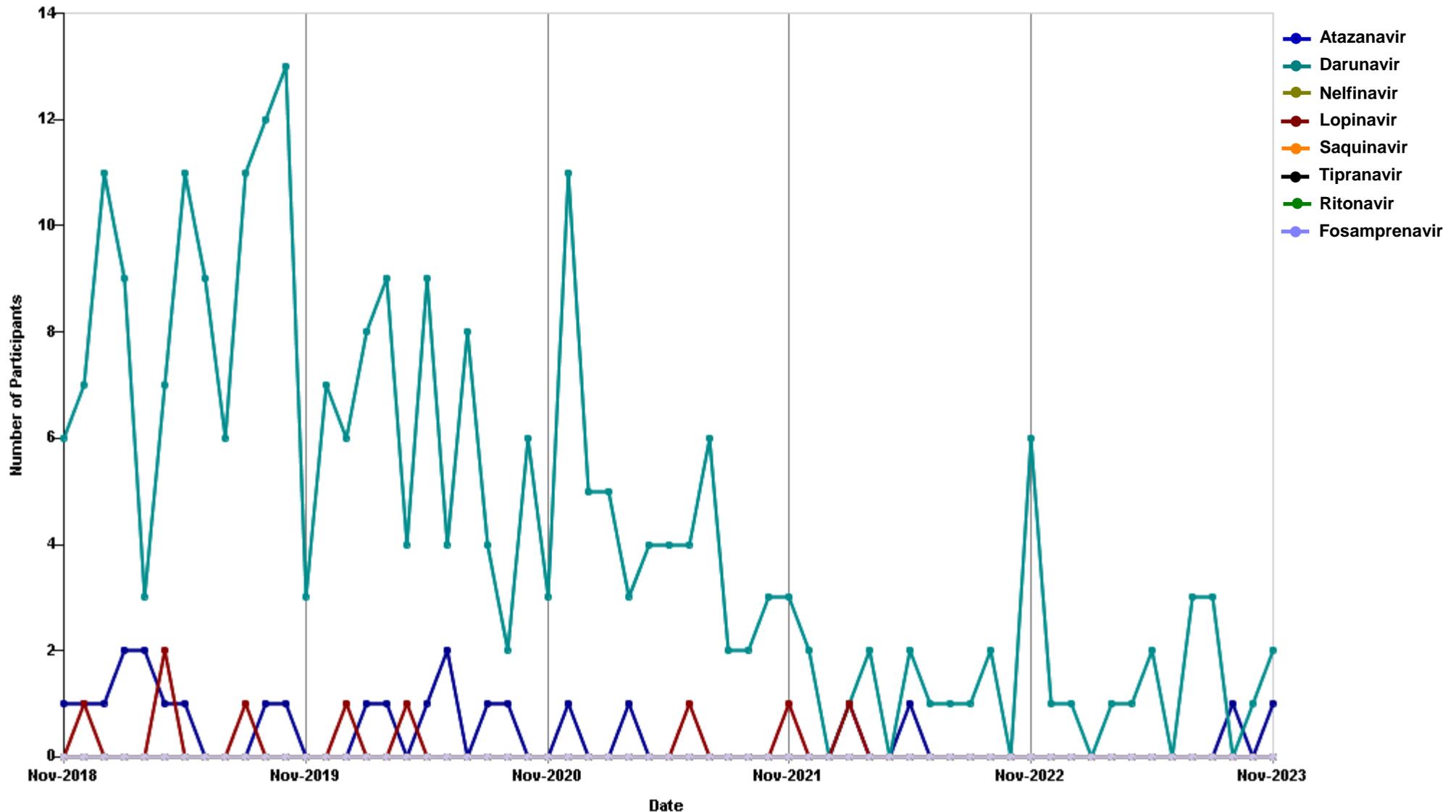
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(November 2018 - November 2023)





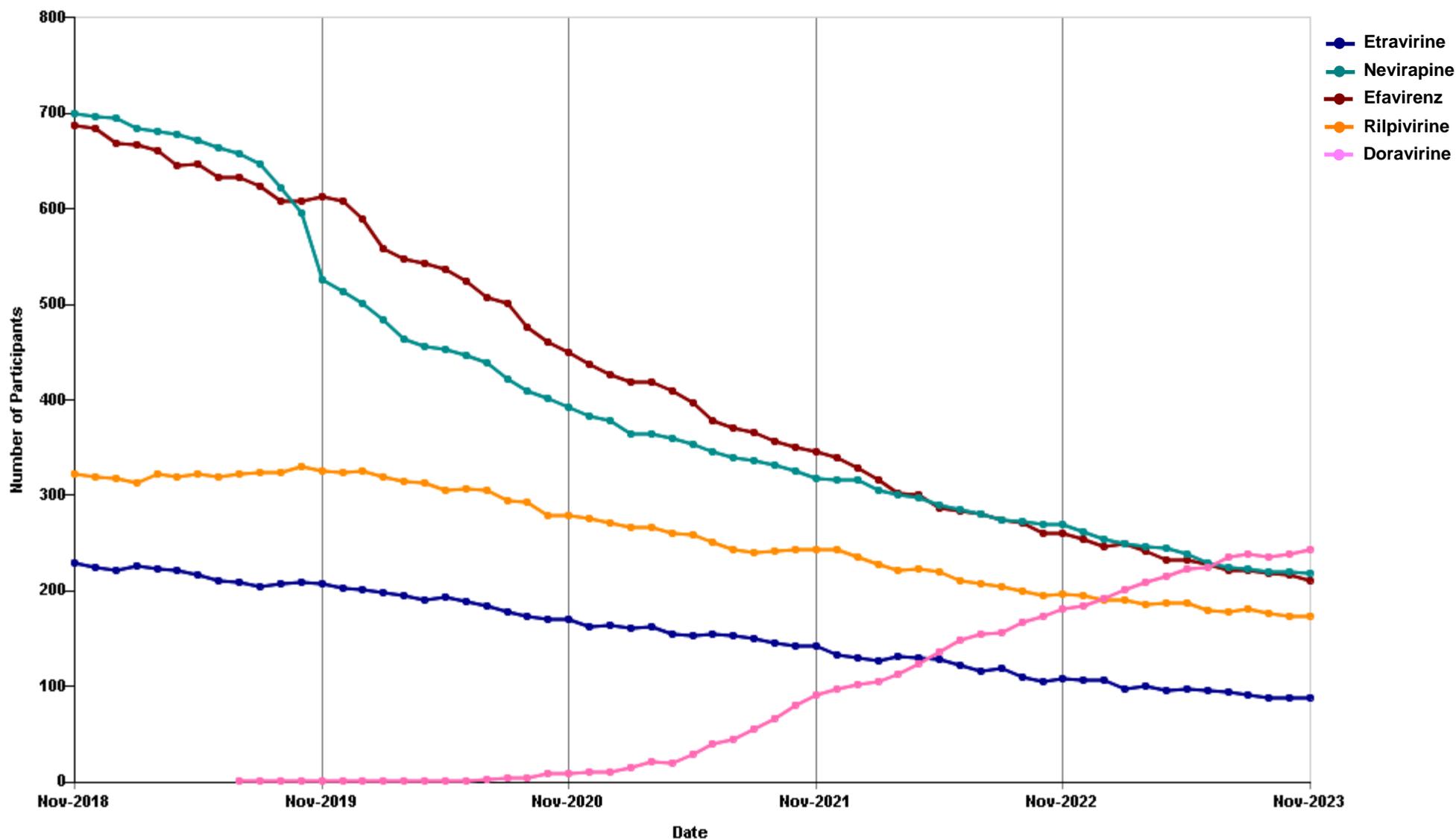
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

(November 2018 - November 2023)





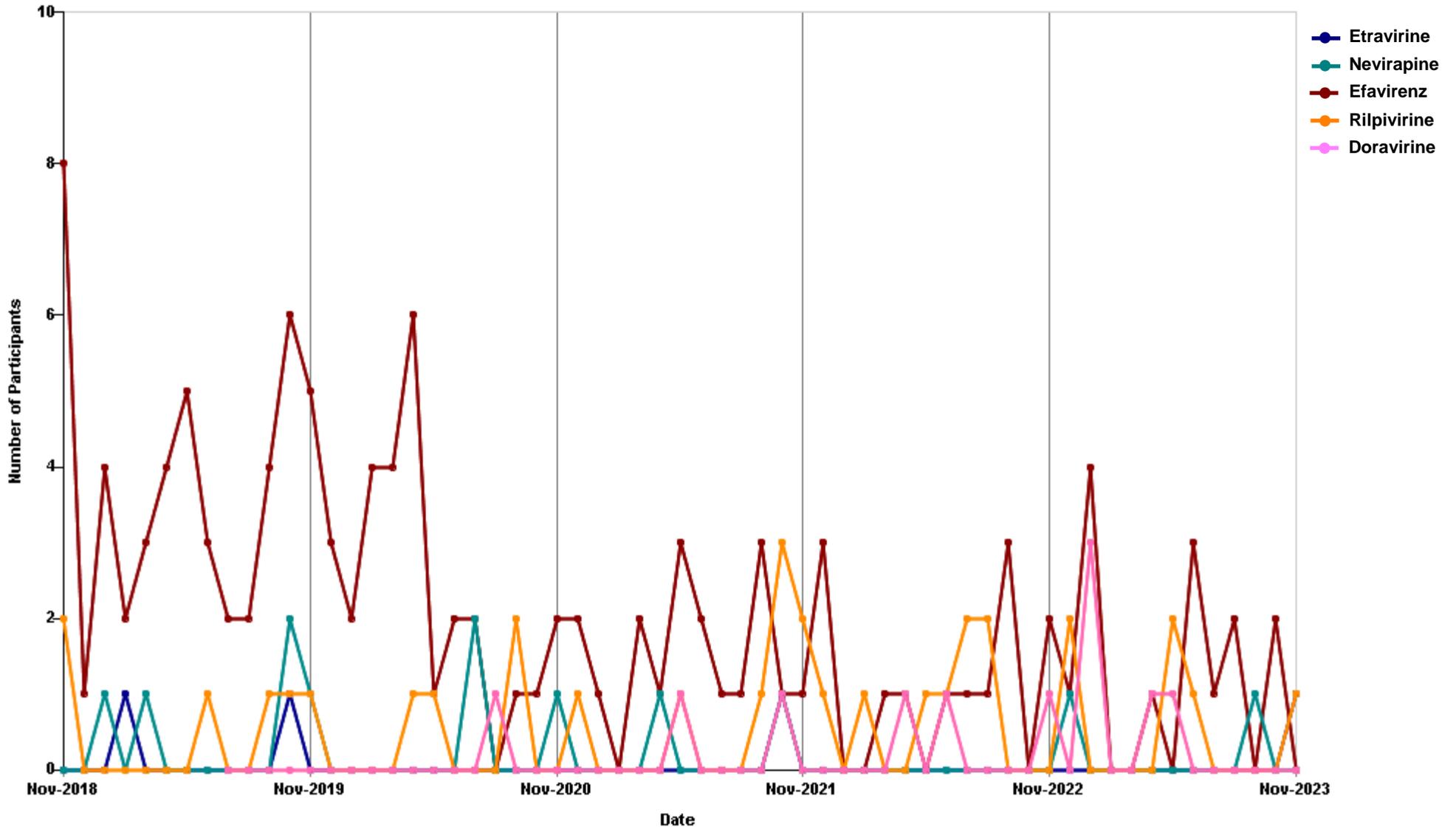
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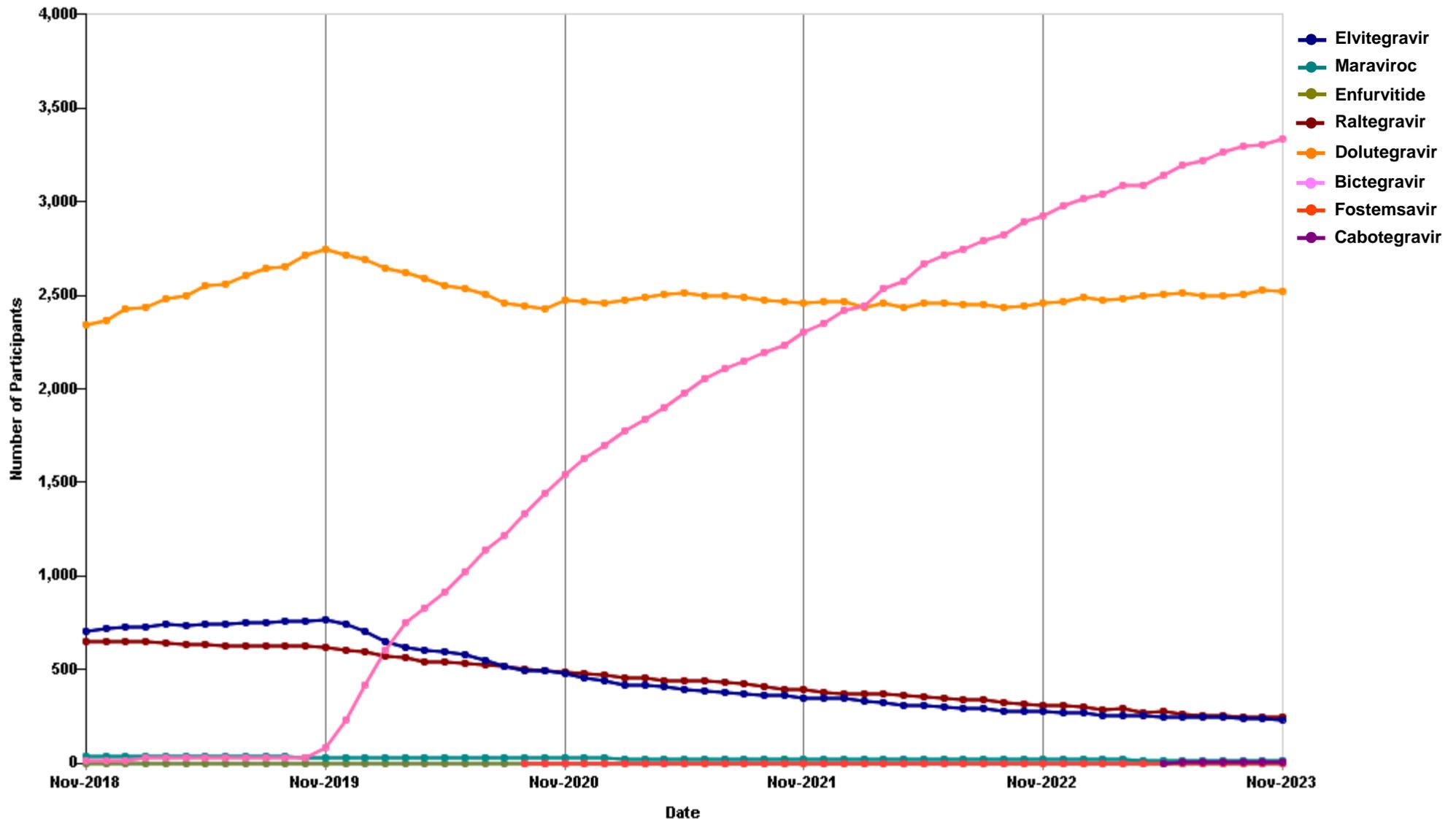
1.15 Distribution of Participants on Non-Nucleosides at the time of first start of ARV Therapy by INGREDIENT

(November 2018 - November 2023)





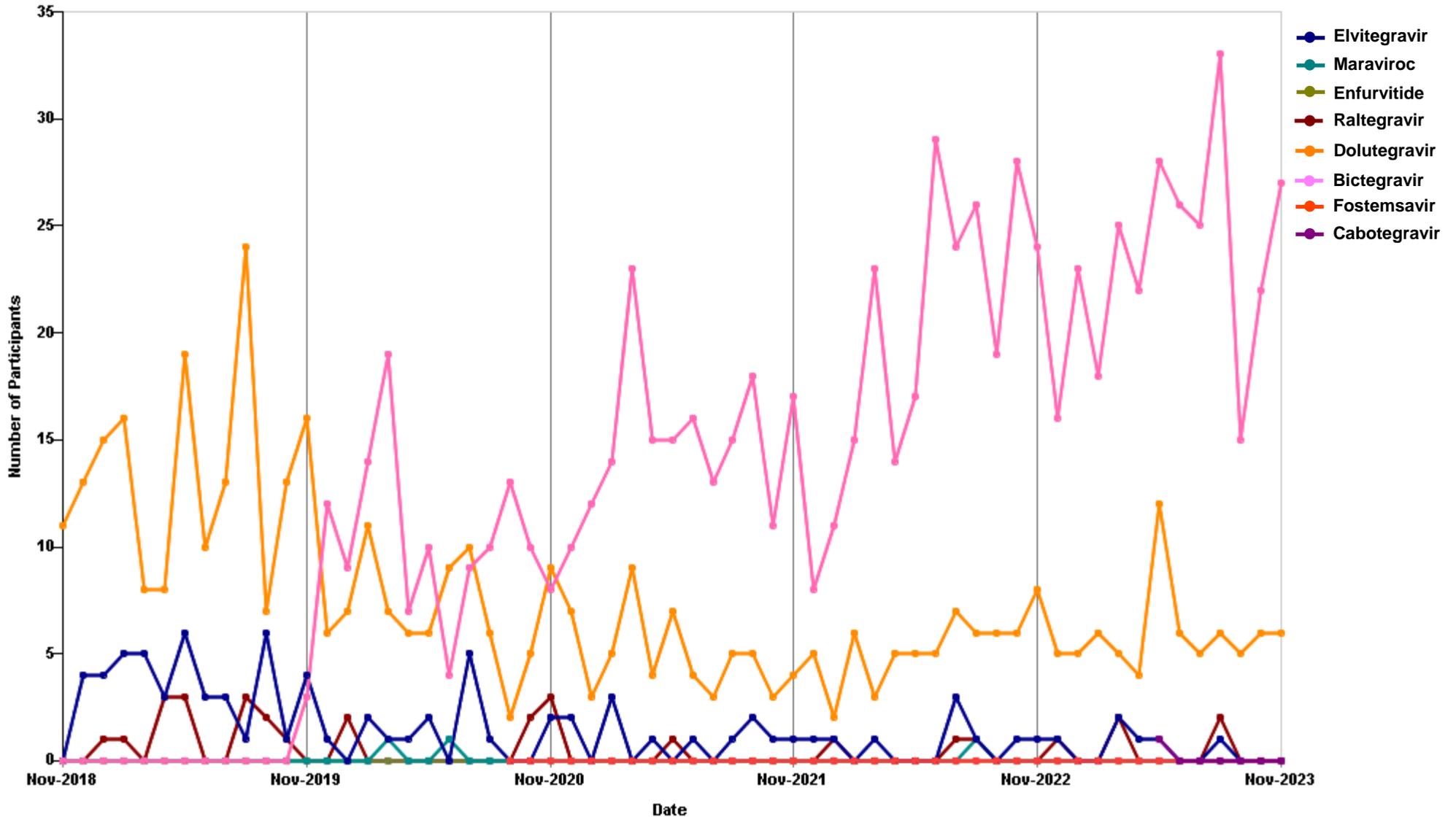
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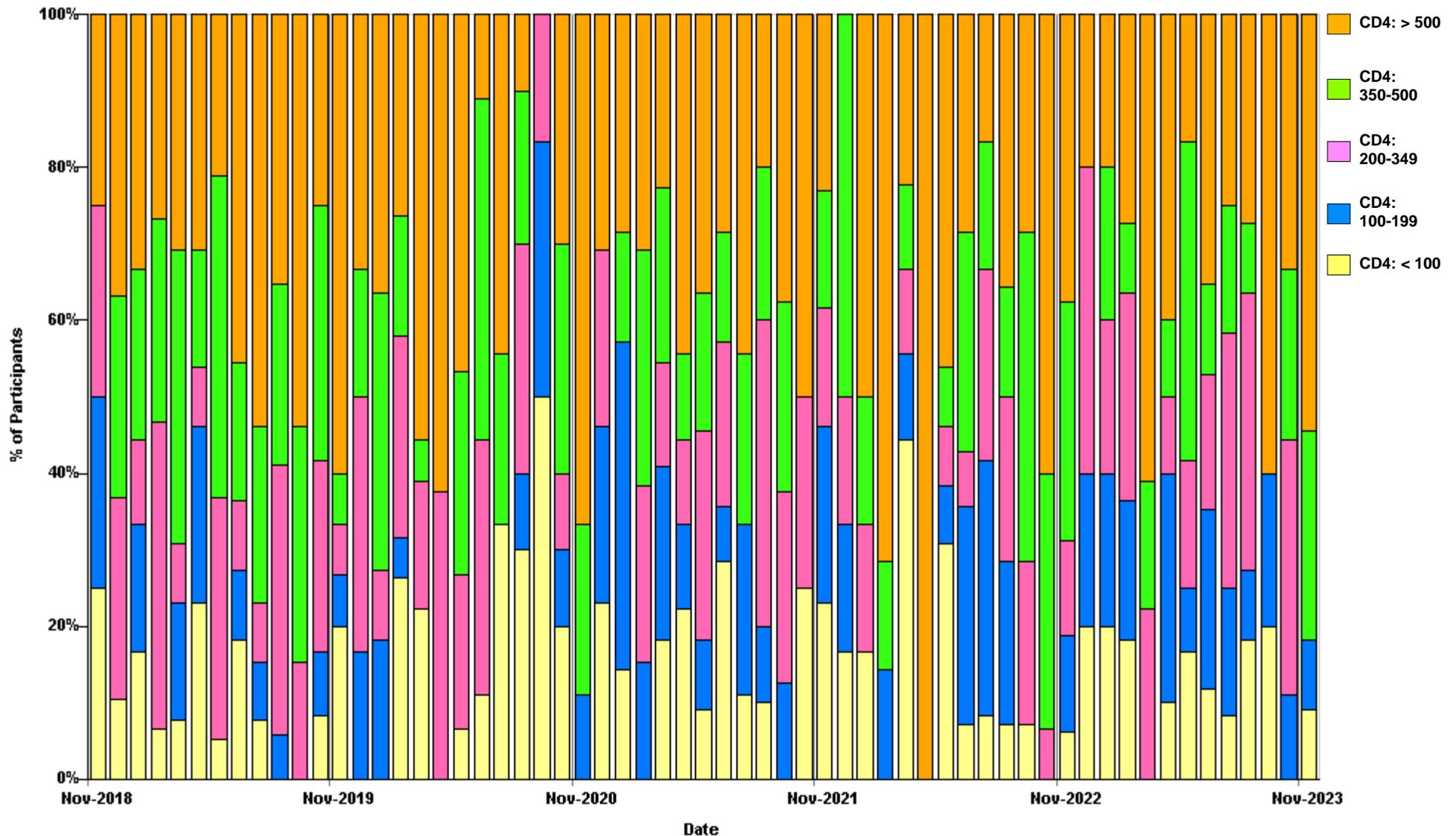
1.17 Distribution of Participants on Entry/Integrase Inhibitors
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(November 2018 - November 2023)



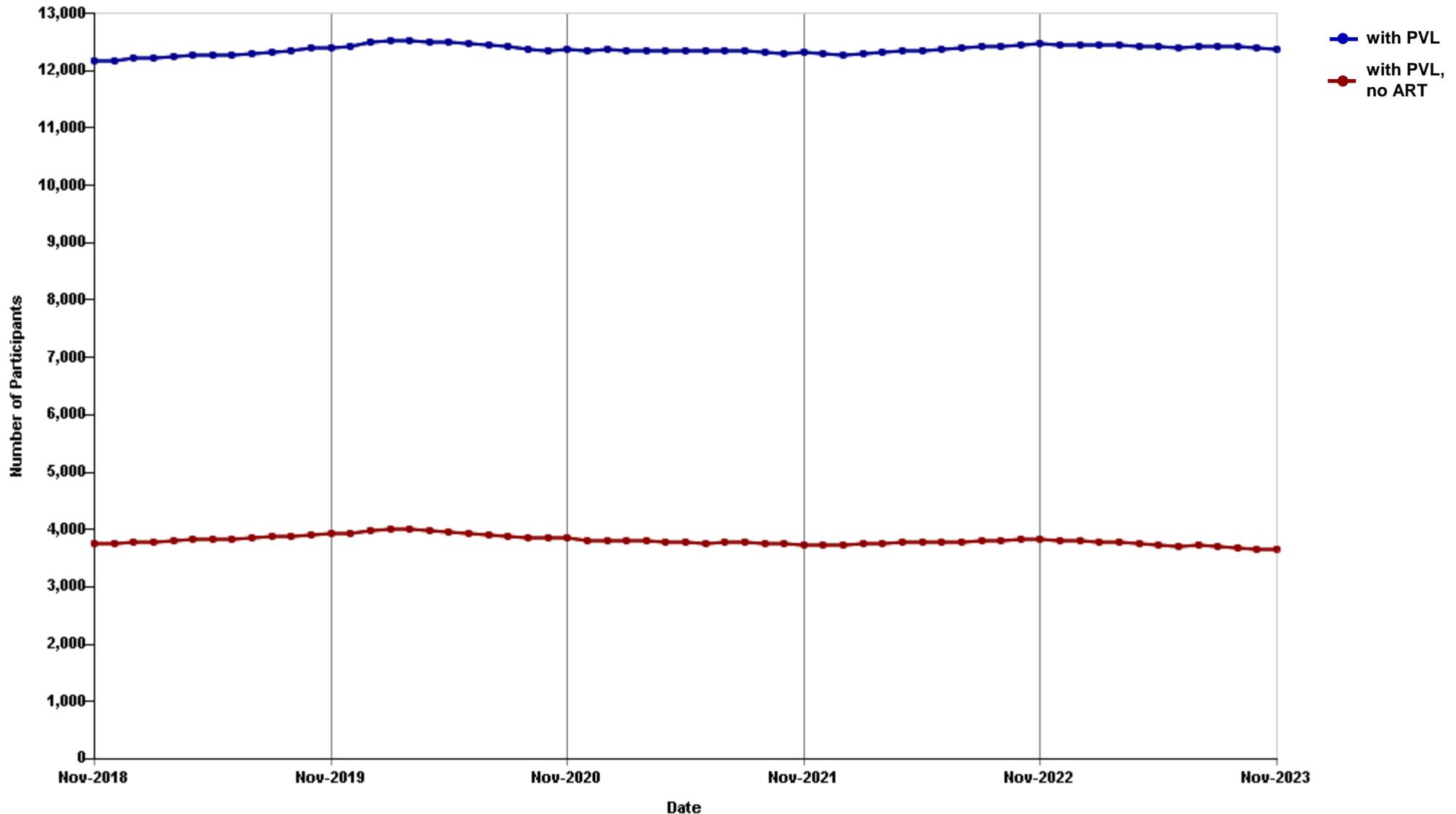


1.18 Baseline CD4 for Antiretroviral First Starts (November 2018 - November 2023)



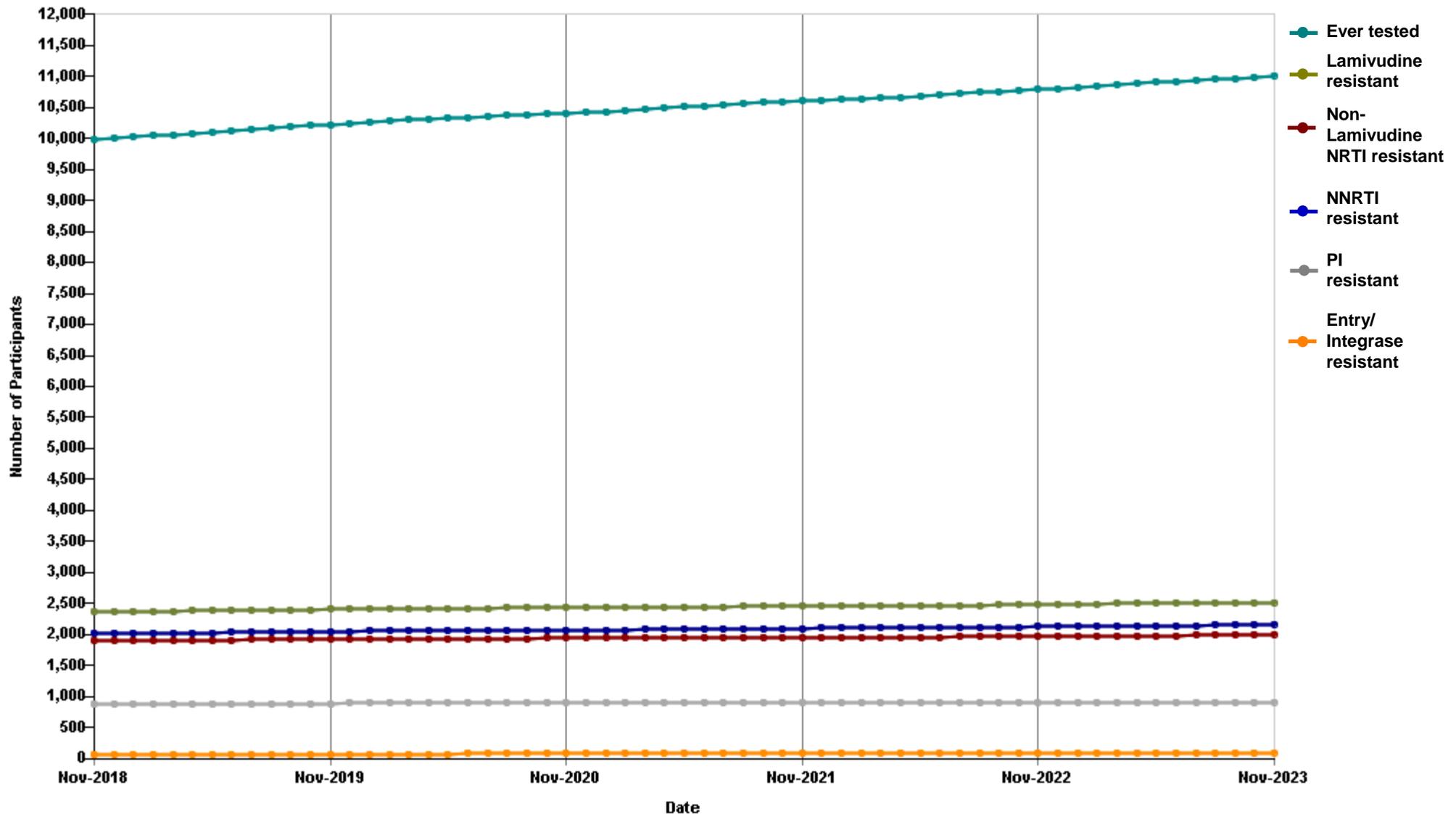


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (November 2018 - November 2023)



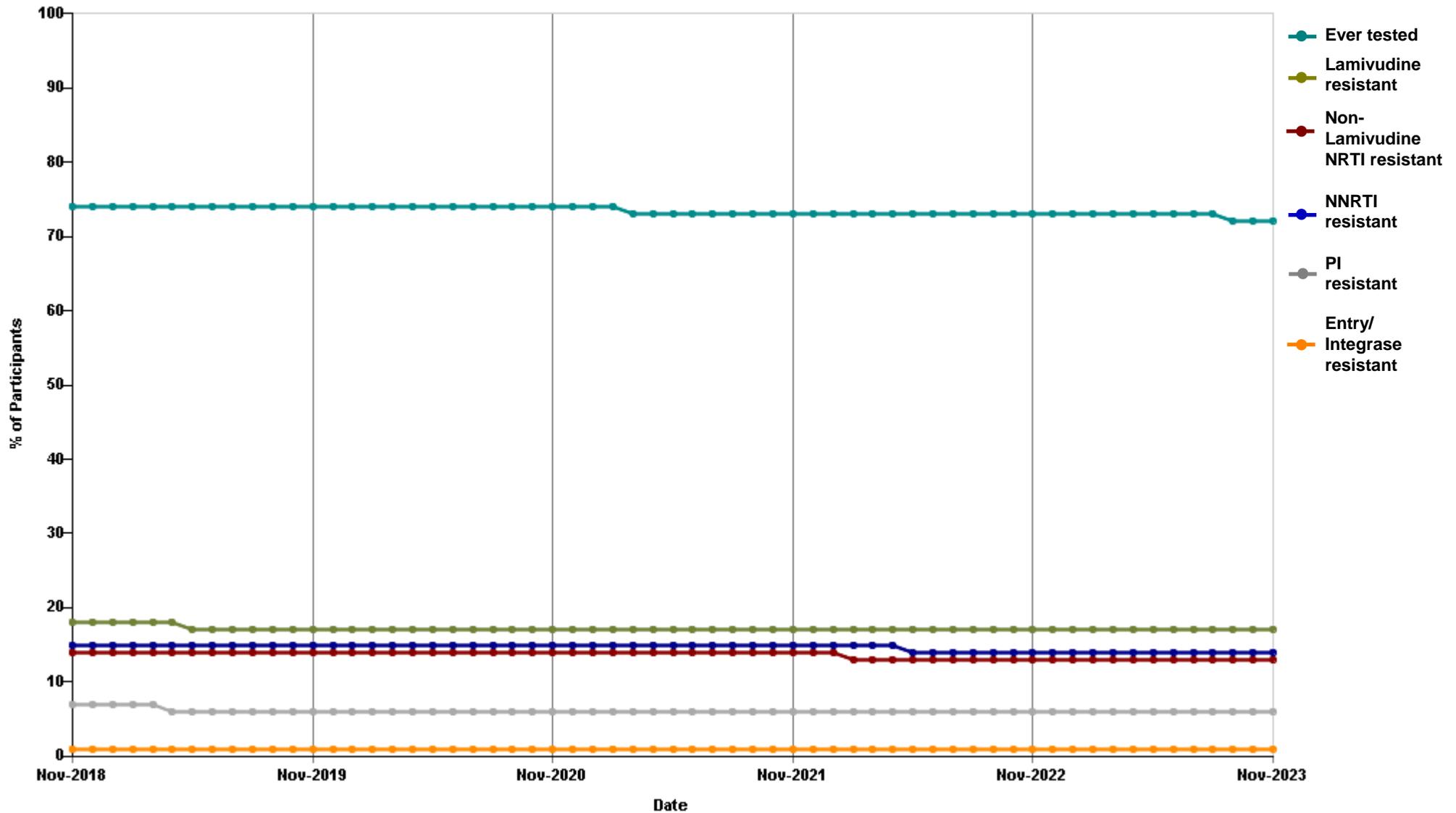


1.20 Cumulative Resistance Testing Results by Resistance Category (November 2018 - November 2023)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (November 2018 - November 2023)





**2.1 Duration of ARV treatment in the Province of BC, 1987-2023
(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	32	4	0	4	1	900	3	<40	4
1988	33	4	0	4	1	420	4	<40	4
1989	31	49	1	50	18	540	43	<40	3
1990	29	51	1	52	28	550	51	<40	3
1991	29	36	3	39	15	640	36	<40	3
1992	29	48	5	53	20	620	51	<40	3
1993	28	112	15	127	67	560	120	<40	3
1994	27	66	12	78	38	560	72	<40	3
1995	27	118	19	137	68	550	127	<40	3
1996	25	291	45	336	163	590	304	<40	3
1997	23	258	30	288	152	575	263	<40	3
1998	22	176	37	213	115	540	190	<40	3
1999	22	146	37	183	105	570	165	<40	3
2000	22	114	27	141	81	610	124	<40	3
2001	22	107	26	133	70	610	115	<40	3
2002	20	113	23	136	76	575	125	<40	3
2003	20	130	26	156	99	630	144	<40	3
2004	19	136	34	170	97	630	152	<40	3
2005	18	167	36	203	122	685	182	<40	3
2006	17	162	38	200	103	680	176	<40	3
2007	16	223	43	266	160	665	251	<40	3
2008	15	263	57	320	186	650	279	<40	3
2009	14	291	64	355	200	635	319	<40	3
2010	13	240	66	306	175	700	280	<40	3
2011	12	306	68	374	207	720	323	<40	3
2012	11	251	62	313	175	700	290	<40	3
2013	10	248	62	310	178	690	280	<40	3
2014	9	260	43	303	155	730	264	<40	3
2015	8	254	42	296	160	670	260	<40	3
2016	7	237	49	286	161	730	249	<40	3
2017	6	195	31	226	128	715	198	<40	3
2018	5	171	47	218	121	760	191	<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, 1987-2023
(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
2019	4	215	40	255	159	690	227	<40	3
2020	3	160	53	213	136	740	182	<40	3
2021	2	181	34	215	134	610	199	<40	3
2022	1	251	44	295	195	680	277	<40	3
2023	1	275	62	337	274	540	330	<40	3
Total:		6309	1282	7591					

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-2022	7465	756	1878	<40	1317	650
FEB-2022	7386	774	1803	<40	1263	620
MAR-2022	7458	766	1904	<40	1251	620
APR-2022	7420	778	1755	<40	1153	620
MAY-2022	7477	763	1998	<40	1306	620
JUN-2022	7482	759	1839	<40	1201	630
JUL-2022	7495	754	1761	<40	1141	645
AUG-2022	7492	758	1990	<40	1227	620
SEP-2022	7442	772	1787	<40	1092	636
OCT-2022	7468	778	1849	<40	1164	640
NOV-2022	7501	783	1898	<40	1202	630
DEC-2022	7543	787	1607	<40	1005	640
JAN-2023	7581	793	2051	<40	1318	650
FEB-2023	7521	807	1727	<40	1017	630
MAR-2023	7548	803	1974	<40	1214	640
APR-2023	7553	796	1761	<40	1082	630
MAY-2023	7592	786	1933	<40	1230	650
JUN-2023	7599	787	1841	<40	1091	630
JUL-2023	7577	806	1747	<40	1050	620
AUG-2023	7605	805	1814	<40	1023	630
SEP-2023	7619	796	1775	<40	1049	650
OCT-2023	7619	803	1888	<40	1121	620
NOV-2023	7628	797	1856	<40	1047	650

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-2022	786	273	55	<40	45	580
FEB-2022	856	232	73	<40	56	635
MAR-2022	800	285	94	<40	73	480
APR-2022	834	278	70	<40	53	550
MAY-2022	758	317	60	<40	43	490
JUN-2022	761	291	61	<40	43	400
JUL-2022	764	283	61	<50	36	447
AUG-2022	787	261	59	78	49	560
SEP-2022	844	209	71	<40	53	460
OCT-2022	822	210	83	<40	62	495
NOV-2022	809	205	80	50	60	505
DEC-2022	774	230	57	<40	45	560
JAN-2023	734	276	63	<40	45	550
FEB-2023	787	230	66	<40	53	550
MAR-2023	756	242	78	<40	56	512
APR-2023	762	218	66	<40	47	560
MAY-2023	728	240	65	<40	48	430
JUN-2023	711	204	57	<40	39	460
JUL-2023	742	186	68	<40	50	565
AUG-2023	741	192	63	<40	39	590
SEP-2023	728	209	55	<40	41	540
OCT-2023	737	214	59	<40	43	600
NOV-2023	742	207	63	<40	43	530

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-2022	7432	786	19	7	161	144	2	14485
FEB-2022	7371	856	8	9	151	211	-61	14510
MAR-2022	7432	800	16	9	232	160	61	14539
APR-2022	7397	834	11	1	156	178	-35	14559
MAY-2022	7450	758	13	13	205	146	53	14583
JUN-2022	7457	761	11	15	178	170	7	14620
JUL-2022	7469	764	10	13	188	176	12	14659
AUG-2022	7468	787	15	17	169	172	-1	14697
SEP-2022	7423	845	13	15	146	192	-46	14725
OCT-2022	7443	822	14	16	195	171	20	14760
NOV-2022	7479	809	9	17	210	177	37	14799
DEC-2022	7510	774	19	8	213	167	31	14826
JAN-2023	7550	734	20	10	193	143	40	14861
FEB-2023	7505	787	10	11	158	204	-45	14885
MAR-2023	7532	756	15	21	197	176	27	14919
APR-2023	7531	762	13	11	176	169	-1	14948
MAY-2023	7575	728	7	15	205	165	44	14992
JUN-2023	7578	711	14	17	168	165	3	15027
JUL-2023	7558	742	11	12	163	181	-20	15058
AUG-2023	7582	741	11	14	216	192	24	15103
SEP-2023	7586	728	14	6	179	163	4	15124
OCT-2023	7587	737	18	10	171	160	1	15154
NOV-2023	7591	742	17	14	180	172	4	15190

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-2022	499	6468	455	43	7465	6.68%	86.64%	6.10%	0.58%	100.00%
FEB-2022	525	6371	445	45	7386	7.11%	86.26%	6.02%	0.61%	100.00%
MAR-2022	550	6408	455	45	7458	7.37%	85.92%	6.10%	0.60%	100.00%
APR-2022	567	6357	450	46	7420	7.64%	85.67%	6.06%	0.62%	100.00%
MAY-2022	597	6381	452	47	7477	7.98%	85.34%	6.05%	0.63%	100.00%
JUN-2022	614	6376	450	42	7482	8.21%	85.22%	6.01%	0.56%	100.00%
JUL-2022	635	6371	445	45	7496	8.47%	84.99%	5.94%	0.60%	100.00%
AUG-2022	644	6364	442	43	7493	8.59%	84.93%	5.90%	0.57%	100.00%
SEP-2022	663	6295	439	45	7442	8.91%	84.59%	5.90%	0.60%	100.00%
OCT-2022	679	6308	439	41	7467	9.09%	84.48%	5.88%	0.55%	100.00%
NOV-2022	696	6317	447	41	7501	9.28%	84.22%	5.96%	0.55%	100.00%
DEC-2022	709	6343	450	41	7543	9.40%	84.09%	5.97%	0.54%	100.00%
JAN-2023	722	6371	445	44	7582	9.52%	84.03%	5.87%	0.58%	100.00%
FEB-2023	735	6318	429	39	7521	9.77%	84.00%	5.70%	0.52%	100.00%
MAR-2023	750	6312	445	41	7548	9.94%	83.62%	5.90%	0.54%	100.00%
APR-2023	766	6307	440	41	7554	10.14%	83.49%	5.82%	0.54%	100.00%
MAY-2023	803	6314	435	41	7593	10.58%	83.16%	5.73%	0.54%	100.00%
JUN-2023	821	6299	438	41	7599	10.80%	82.89%	5.76%	0.54%	100.00%
JUL-2023	844	6253	440	40	7577	11.14%	82.53%	5.81%	0.53%	100.00%
AUG-2023	867	6245	448	46	7606	11.40%	82.11%	5.89%	0.60%	100.00%
SEP-2023	882	6258	434	46	7620	11.57%	82.13%	5.70%	0.60%	100.00%
OCT-2023	900	6246	432	41	7619	11.81%	81.98%	5.67%	0.54%	100.00%
NOV-2023	920	6227	440	41	7628	12.06%	81.63%	5.77%	0.54%	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)





Monthly Report

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-2022	3 20%	3064 42%	3 20%	2480 34%	0 0%	19 0%	12 80%	2922 40%	0 0%	1473 20%	12 80%	4262 58%
FEB-2022	6 24%	3019 42%	3 12%	2410 33%	2 8%	19 0%	15 60%	2939 41%	4 16%	1395 19%	19 76%	4225 58%
MAR-2022	3 10%	3034 41%	2 7%	2406 33%	0 0%	19 0%	24 83%	3029 41%	2 7%	1350 18%	26 90%	4272 58%
APR-2022	4 20%	3019 41%	3 15%	2366 33%	0 0%	19 0%	14 70%	3052 42%	2 10%	1313 18%	16 80%	4250 58%
MAY-2022	4 17%	3026 41%	3 13%	2354 32%	0 0%	18 0%	17 74%	3145 43%	2 9%	1282 17%	19 83%	4309 59%
JUN-2022	5 14%	3015 41%	0 0%	2309 31%	0 0%	19 0%	29 81%	3199 44%	4 11%	1237 17%	31 86%	4320 59%
JUL-2022	4 10%	3007 41%	3 8%	2285 31%	0 0%	19 0%	27 69%	3229 44%	9 23%	1218 17%	35 90%	4343 59%
AUG-2022	5 14%	2991 41%	4 11%	2261 31%	0 0%	18 0%	29 78%	3271 45%	3 8%	1178 16%	32 86%	4354 59%
SEP-2022	4 14%	2952 40%	3 11%	2195 30%	0 0%	17 0%	19 68%	3284 45%	5 18%	1173 16%	24 86%	4352 60%
OCT-2022	6 17%	2949 40%	4 11%	2172 30%	0 0%	16 0%	29 83%	3350 46%	0 0%	1143 16%	29 83%	4388 60%
NOV-2022	7 18%	2947 40%	5 13%	2157 29%	0 0%	15 0%	26 68%	3387 46%	6 16%	1136 15%	31 82%	4417 60%
DEC-2022	4 15%	2950 40%	3 11%	2147 29%	1 4%	16 0%	18 67%	3446 47%	5 19%	1109 15%	23 85%	4445 60%
JAN-2023	6 17%	2971 40%	1 3%	2147 29%	1 3%	16 0%	23 66%	3491 47%	8 23%	1095 15%	29 83%	4465 60%
FEB-2023	3 13%	2944 40%	1 4%	2097 28%	0 0%	17 0%	18 75%	3502 47%	3 13%	1065 14%	21 88%	4446 60%
MAR-2023	2 6%	2936 40%	2 6%	2071 28%	0 0%	15 0%	27 79%	3551 48%	5 15%	1051 14%	32 94%	4476 60%
APR-2023	3 10%	2948 40%	1 3%	2067 28%	0 0%	15 0%	24 83%	3550 48%	3 10%	1030 14%	26 90%	4469 60%
MAY-2023	10 24%	2940 39%	4 10%	2043 27%	1 2%	16 0%	30 71%	3598 48%	3 7%	1040 14%	32 76%	4513 61%
JUN-2023	4 12%	2934 39%	1 3%	2008 27%	0 0%	14 0%	26 76%	3655 49%	4 12%	1002 13%	30 88%	4533 61%
JUL-2023	5 16%	2917 39%	1 3%	1966 26%	0 0%	14 0%	25 81%	3678 49%	2 6%	985 13%	26 84%	4530 61%
AUG-2023	4 9%	2911 39%	1 2%	1937 26%	0 0%	14 0%	34 76%	3719 50%	9 20%	969 13%	41 91%	4563 61%
SEP-2023	2 10%	2905 39%	1 5%	1913 26%	0 0%	13 0%	16 76%	3751 50%	3 14%	955 13%	19 90%	4584 61%
OCT-2023	2 7%	2906 39%	1 3%	1896 25%	0 0%	14 0%	22 73%	3770 50%	6 20%	938 13%	28 93%	4579 61%
NOV-2023	1 3%	2894 39%	0 0%	1868 25%	0 0%	15 0%	27 77%	3793 51%	7 20%	922 12%	34 97%	4598 61%

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		tipranavir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2022	0 0%	1 0%	0 0%	476 29%	0 0%	1132 68%	0 0%	60 4%	0 0%	1 0%	0 0%	1 0%
FEB-2022	0 0%	1 0%	1 33%	447 28%	1 33%	1110 69%	1 33%	60 4%	0 0%	1 0%	0 0%	1 0%
MAR-2022	0 0%	1 0%	0 0%	430 27%	2 100%	1113 70%	0 0%	57 4%	0 0%	1 0%	0 0%	1 0%
APR-2022	0 0%	1 0%	0 0%	424 27%	0 0%	1085 69%	0 0%	56 4%	0 0%	1 0%	0 0%	1 0%
MAY-2022	0 0%	1 0%	1 33%	417 27%	2 67%	1080 70%	0 0%	53 3%	0 0%	1 0%	0 0%	1 0%
JUN-2022	0 0%	1 0%	0 0%	407 27%	1 100%	1056 70%	0 0%	52 3%	0 0%	1 0%	0 0%	1 0%
JUL-2022	0 0%	1 0%	0 0%	405 27%	1 100%	1039 70%	0 0%	50 3%	0 0%	1 0%	0 0%	1 0%
AUG-2022	0 0%	1 0%	0 0%	385 26%	1 100%	1028 71%	0 0%	45 3%	0 0%	1 0%	0 0%	1 0%
SEP-2022	0 0%	0 0%	0 0%	367 26%	2 100%	1010 71%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
OCT-2022	0 0%	0 0%	0 0%	354 25%	0 0%	1002 72%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
NOV-2022	0 0%	0 0%	0 0%	352 25%	6 100%	995 72%	0 0%	43 3%	0 0%	1 0%	0 0%	1 0%
DEC-2022	0 0%	0 0%	0 0%	342 25%	1 100%	1008 72%	0 0%	45 3%	0 0%	1 0%	0 0%	1 0%
JAN-2023	0 0%	0 0%	0 0%	339 25%	1 100%	993 72%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
FEB-2023	0 0%	0 0%	0 0%	321 24%	0 0%	953 73%	0 0%	43 3%	0 0%	1 0%	0 0%	1 0%
MAR-2023	0 0%	0 0%	0 0%	317 24%	1 100%	952 73%	0 0%	42 3%	0 0%	1 0%	0 0%	1 0%
APR-2023	0 0%	0 0%	0 0%	305 23%	1 100%	957 74%	0 0%	41 3%	0 0%	1 0%	0 0%	1 0%
MAY-2023	0 0%	0 0%	0 0%	303 23%	2 100%	951 74%	0 0%	39 3%	0 0%	1 0%	0 0%	1 0%
JUN-2023	0 0%	0 0%	0 0%	294 23%	0 0%	936 74%	0 0%	39 3%	0 0%	1 0%	0 0%	1 0%
JUL-2023	0 0%	0 0%	0 0%	283 23%	3 100%	927 74%	0 0%	38 3%	0 0%	1 0%	0 0%	1 0%
AUG-2023	0 0%	0 0%	0 0%	276 23%	3 100%	914 75%	0 0%	37 3%	0 0%	0 0%	0 0%	0 0%
SEP-2023	0 0%	0 0%	1 100%	272 22%	0 0%	911 75%	0 0%	36 3%	0 0%	0 0%	0 0%	0 0%
OCT-2023	0 0%	0 0%	0 0%	273 23%	1 100%	892 75%	0 0%	35 3%	0 0%	0 0%	0 0%	0 0%
NOV-2023	0 0%	0 0%	1 33%	260 22%	2 67%	888 75%	0 0%	35 3%	0 0%	0 0%	0 0%	0 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-2022	0 0%	103 9%	0 0%	328 30%	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%
MAR-2022	0 0%	113 11%	1 100%	303 28%	0 0%	132 12%	0 0%	301 28%	0 0%	222 21%
APR-2022	1 50%	124 12%	1 50%	301 28%	0 0%	130 12%	0 0%	297 28%	0 0%	223 21%
MAY-2022	0 0%	136 13%	0 0%	287 27%	0 0%	128 12%	0 0%	290 27%	1 100%	220 21%
JUN-2022	1 33%	149 14%	1 33%	284 27%	0 0%	122 12%	0 0%	285 27%	1 33%	211 20%
JUL-2022	0 0%	155 15%	1 33%	280 27%	0 0%	117 11%	0 0%	280 27%	2 67%	207 20%
AUG-2022	0 0%	157 15%	1 33%	275 27%	0 0%	119 12%	0 0%	274 27%	2 67%	204 20%
SEP-2022	0 0%	167 16%	3 100%	271 27%	0 0%	110 11%	0 0%	273 27%	0 0%	200 20%
OCT-2022	0 0%	173 17%	0 0%	261 26%	0 0%	105 10%	0 0%	269 27%	0 0%	196 20%
NOV-2022	1 33%	182 18%	2 67%	261 26%	0 0%	108 11%	0 0%	269 27%	0 0%	197 19%
DEC-2022	0 0%	185 18%	1 25%	254 25%	0 0%	107 11%	1 25%	262 26%	2 50%	195 19%
JAN-2023	3 43%	192 19%	4 57%	247 25%	0 0%	107 11%	0 0%	255 26%	0 0%	191 19%
FEB-2023	0 0%	202 20%	0 0%	250 25%	0 0%	98 10%	0 0%	249 25%	0 0%	190 19%
MAR-2023	0 0%	209 21%	0 0%	242 25%	0 0%	101 10%	0 0%	246 25%	0 0%	186 19%
APR-2023	1 50%	215 22%	1 50%	232 24%	0 0%	96 10%	0 0%	245 25%	0 0%	187 19%
MAY-2023	1 33%	223 23%	0 0%	232 24%	0 0%	98 10%	0 0%	239 24%	2 67%	187 19%
JUN-2023	0 0%	224 23%	3 75%	228 24%	0 0%	96 10%	0 0%	230 24%	1 25%	180 19%
JUL-2023	0 0%	235 25%	1 100%	222 23%	0 0%	94 10%	0 0%	225 24%	0 0%	178 19%
AUG-2023	0 0%	238 25%	2 100%	222 23%	0 0%	92 10%	0 0%	223 23%	0 0%	182 19%
SEP-2023	0 0%	236 25%	0 0%	218 23%	0 0%	89 9%	1 100%	220 23%	0 0%	177 19%
OCT-2023	0 0%	239 26%	2 100%	217 23%	0 0%	89 10%	0 0%	220 24%	0 0%	173 19%
NOV-2023	0 0%	243 26%	0 0%	211 23%	1 50%	88 9%	0 0%	219 24%	1 50%	173 19%

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		cabotegravir		dolutegravir		elvitegravir		fostemsavir		maraviroc		raltegravir															
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All														
JAN-2022	11	73%	2421	43%	0	0%	0	0%	2	13%	2468	44%	1	7%	347	6%	0	0%	1	0%	0	0%	24	0%	1	7%	374	7%
FEB-2022	15	71%	2443	44%	0	0%	0	0%	6	29%	2437	44%	0	0%	331	6%	0	0%	1	0%	0	0%	21	0%	0	0%	369	7%
MAR-2022	23	85%	2536	45%	0	0%	0	0%	3	11%	2460	43%	1	4%	324	6%	0	0%	1	0%	0	0%	21	0%	0	0%	370	7%
APR-2022	14	74%	2574	45%	0	0%	0	0%	5	26%	2436	43%	0	0%	312	5%	0	0%	1	0%	0	0%	20	0%	0	0%	366	6%
MAY-2022	17	77%	2666	46%	0	0%	0	0%	5	23%	2455	43%	0	0%	309	5%	0	0%	1	0%	0	0%	22	0%	0	0%	360	6%
JUN-2022	29	85%	2710	47%	0	0%	0	0%	5	15%	2454	42%	0	0%	300	5%	0	0%	1	0%	0	0%	22	0%	0	0%	352	6%
JUL-2022	24	69%	2745	47%	0	0%	0	0%	7	20%	2452	42%	3	9%	297	5%	0	0%	1	0%	0	0%	22	0%	1	3%	342	6%
AUG-2022	26	76%	2790	48%	0	0%	0	0%	6	18%	2452	42%	1	3%	294	5%	0	0%	1	0%	1	3%	22	0%	1	3%	340	6%
SEP-2022	19	76%	2820	48%	0	0%	0	0%	6	24%	2433	42%	0	0%	281	5%	0	0%	1	0%	0	0%	21	0%	0	0%	323	6%
OCT-2022	28	80%	2889	49%	0	0%	0	0%	6	17%	2439	41%	1	3%	280	5%	0	0%	1	0%	0	0%	22	0%	0	0%	314	5%
NOV-2022	24	73%	2920	49%	0	0%	0	0%	8	24%	2461	41%	1	3%	276	5%	0	0%	2	0%	0	0%	22	0%	0	0%	309	5%
DEC-2022	16	70%	2974	50%	0	0%	0	0%	5	22%	2463	41%	1	4%	270	4%	0	0%	2	0%	0	0%	20	0%	1	4%	307	5%
JAN-2023	23	82%	3016	50%	0	0%	0	0%	5	18%	2492	41%	0	0%	269	4%	0	0%	2	0%	0	0%	21	0%	0	0%	302	5%
FEB-2023	18	75%	3040	50%	0	0%	0	0%	6	25%	2476	41%	0	0%	255	4%	0	0%	2	0%	0	0%	21	0%	0	0%	288	5%
MAR-2023	25	74%	3084	51%	0	0%	0	0%	5	15%	2482	41%	2	6%	259	4%	0	0%	2	0%	0	0%	20	0%	2	6%	291	5%
APR-2023	22	81%	3084	50%	0	0%	0	0%	4	15%	2498	41%	1	4%	258	4%	0	0%	2	0%	0	0%	18	0%	0	0%	274	4%
MAY-2023	28	67%	3138	51%	1	2%	3	0%	12	29%	2504	41%	1	2%	250	4%	0	0%	2	0%	0	0%	18	0%	0	0%	278	5%
JUN-2023	26	81%	3197	51%	0	0%	5	0%	6	19%	2509	40%	0	0%	248	4%	0	0%	2	0%	0	0%	18	0%	0	0%	267	4%
JUL-2023	25	83%	3218	52%	0	0%	5	0%	5	17%	2499	40%	0	0%	247	4%	0	0%	2	0%	0	0%	18	0%	0	0%	256	4%
AUG-2023	33	79%	3260	52%	0	0%	7	0%	6	14%	2497	40%	1	2%	245	4%	0	0%	2	0%	0	0%	18	0%	2	5%	254	4%
SEP-2023	15	75%	3293	52%	0	0%	8	0%	5	25%	2504	40%	0	0%	238	4%	0	0%	2	0%	0	0%	18	0%	0	0%	250	4%
OCT-2023	22	79%	3302	52%	0	0%	7	0%	6	21%	2527	40%	0	0%	241	4%	0	0%	2	0%	0	0%	18	0%	0	0%	248	4%
NOV-2023	27	82%	3337	53%	0	0%	9	0%	6	18%	2521	40%	0	0%	234	4%	0	0%	2	0%	0	0%	17	0%	0	0%	244	4%

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

Fostemsavir not currently on BC-CfE Formulary





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		IV 3 drugs from IV 3 classes		Other	
	n	%	n	%	n	%	n	%	n	%	n	%
JAN-2022	985	13.19	773	10.35	4452	59.64	496	6.64	674	9.03	85	1.14
FEB-2022	958	12.97	750	10.15	4409	59.69	522	7.07	668	9.04	79	1.07
MAR-2022	934	12.52	737	9.88	4482	60.10	548	7.35	674	9.04	83	1.11
APR-2022	908	12.24	725	9.77	4473	60.28	565	7.61	670	9.03	79	1.06
MAY-2022	898	12.01	709	9.48	4527	60.55	595	7.96	669	8.95	79	1.06
JUN-2022	873	11.67	705	9.42	4558	60.92	612	8.18	659	8.81	75	1.00
JUL-2022	857	11.43	698	9.31	4578	61.07	632	8.43	655	8.74	76	1.01
AUG-2022	827	11.04	691	9.22	4610	61.52	641	8.55	649	8.66	75	1.00
SEP-2022	799	10.74	691	9.29	4575	61.48	662	8.90	642	8.63	73	0.98
OCT-2022	788	10.55	673	9.01	4619	61.86	678	9.08	637	8.53	72	0.96
NOV-2022	770	10.27	682	9.09	4638	61.83	694	9.25	646	8.61	71	0.95
DEC-2022	774	10.26	663	8.79	4679	62.03	706	9.36	651	8.63	70	0.93
JAN-2023	750	9.89	665	8.77	4728	62.36	718	9.47	649	8.56	72	0.95
FEB-2023	715	9.51	665	8.84	4712	62.65	733	9.75	626	8.32	70	0.93
MAR-2023	699	9.26	653	8.65	4735	62.73	748	9.91	644	8.53	69	0.91
APR-2023	704	9.32	653	8.64	4736	62.70	762	10.09	634	8.39	65	0.86
MAY-2023	706	9.30	644	8.48	4752	62.58	800	10.54	627	8.26	64	0.84
JUN-2023	675	8.88	625	8.22	4788	63.01	819	10.78	627	8.25	65	0.86
JUL-2023	662	8.74	626	8.26	4758	62.80	842	11.11	628	8.29	61	0.81
AUG-2023	643	8.45	621	8.16	4777	62.81	864	11.36	633	8.32	68	0.89
SEP-2023	640	8.40	616	8.08	4799	62.98	879	11.54	620	8.14	66	0.87
OCT-2023	613	8.05	613	8.05	4817	63.22	897	11.77	617	8.10	62	0.81
NOV-2023	610	8.00	602	7.89	4814	63.11	918	12.03	623	8.17	61	0.80

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-2022	7	1	0	1	1	3	490
FEB-2022	9	0	1	0	1	5	530
MAR-2022	9	4	1	1	1	2	150
APR-2022	1	0	0	0	0	1	820
MAY-2022	13	4	1	1	1	6	490
JUN-2022	15	1	4	1	4	4	400
JUL-2022	13	1	4	3	2	2	225
AUG-2022	17	1	3	3	2	5	330
SEP-2022	15	1	0	3	6	4	405
OCT-2022	16	0	0	1	5	9	520
NOV-2022	17	1	2	2	5	6	445
DEC-2022	8	1	1	2	0	1	320
JAN-2023	10	2	2	2	2	2	285
FEB-2023	11	2	2	3	1	3	253
MAR-2023	21	0	0	4	3	11	530
APR-2023	11	1	3	1	1	4	325
MAY-2023	15	2	1	2	5	2	374
JUN-2023	17	2	4	3	2	6	340
JUL-2023	12	1	2	4	2	3	265
AUG-2023	14	2	1	4	1	3	255
SEP-2023	6	1	1	0	0	3	616
OCT-2023	10	0	1	3	2	3	390
NOV-2023	14	1	1	0	3	6	670

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-2022	12277	3734
FEB-2022	12300	3748
MAR-2022	12328	3763
APR-2022	12357	3788
MAY-2022	12348	3777
JUN-2022	12363	3779
JUL-2022	12389	3788
AUG-2022	12410	3800
SEP-2022	12429	3809
OCT-2022	12455	3829
NOV-2022	12463	3819
DEC-2022	12440	3801
JAN-2023	12448	3803
FEB-2023	12436	3788
MAR-2023	12443	3787
APR-2023	12418	3753
MAY-2023	12426	3731
JUN-2023	12399	3693
JUL-2023	12426	3716
AUG-2023	12423	3698
SEP-2023	12410	3685
OCT-2023	12394	3662
NOV-2023	12381	3649

Definitions:

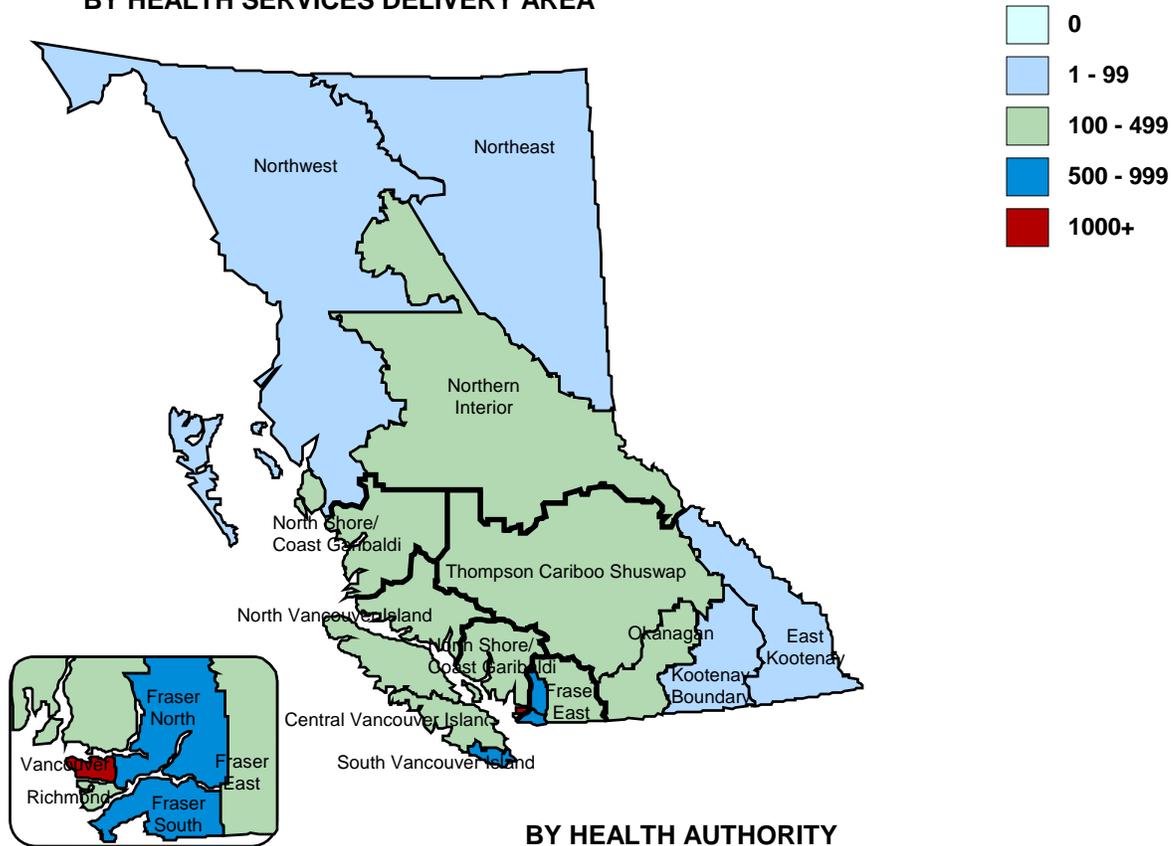
Patients with PVL test are defined as having at least one PVL test within previous five years, and not reported deceased/moved
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



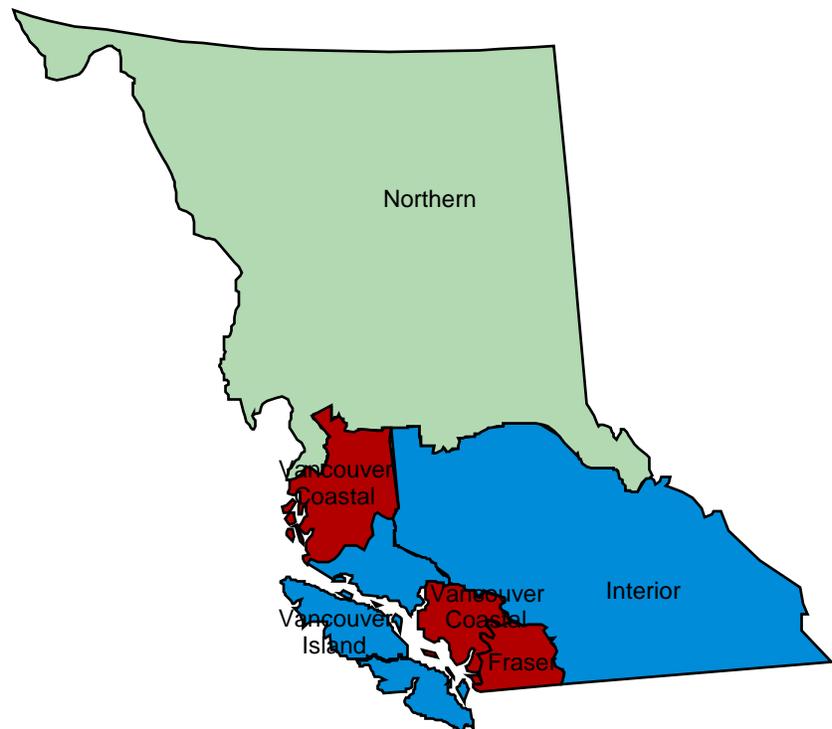


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7628
Nov-2023

BY HEALTH SERVICES DELIVERY AREA



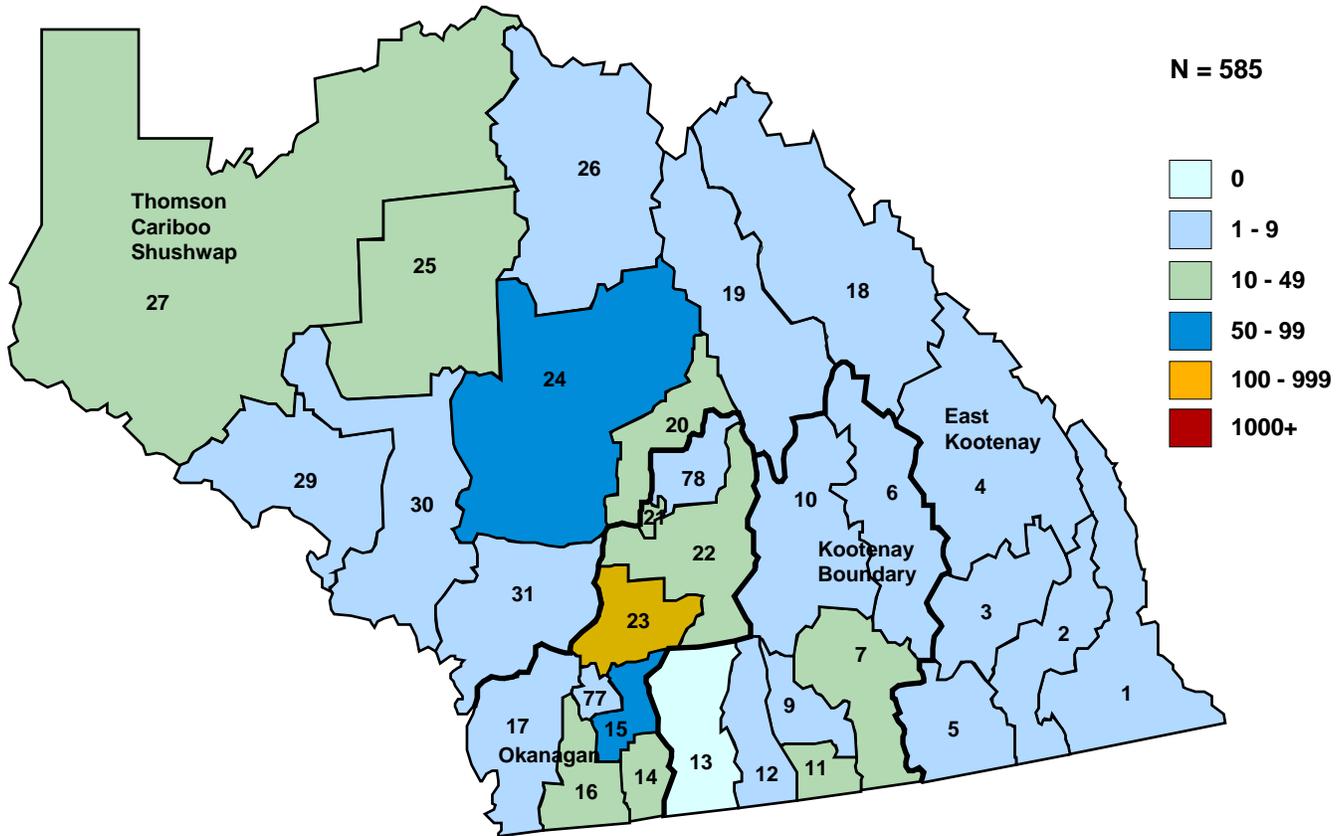
BY HEALTH AUTHORITY



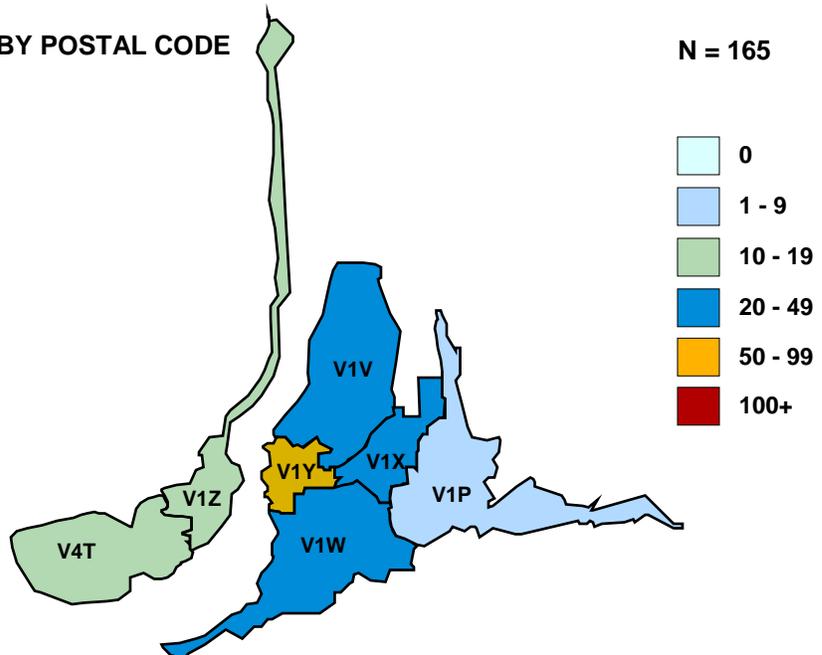


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2023

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



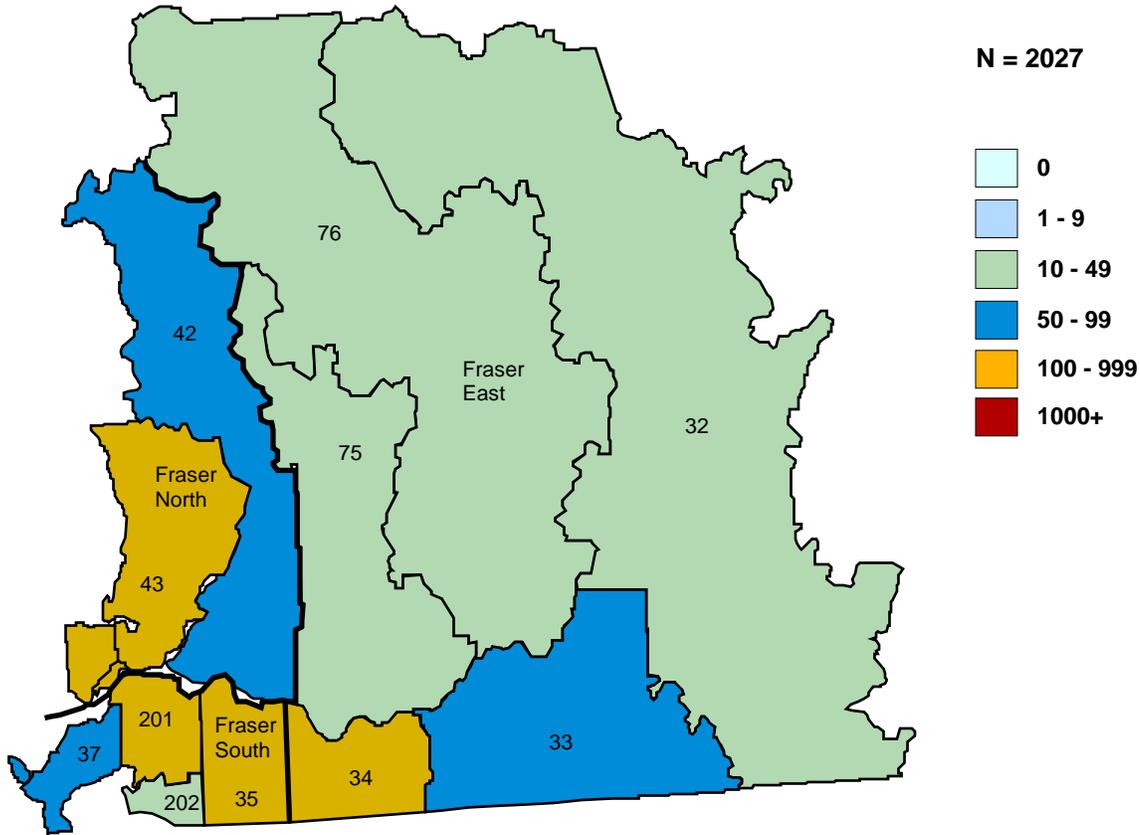
KELOWNA BY POSTAL CODE



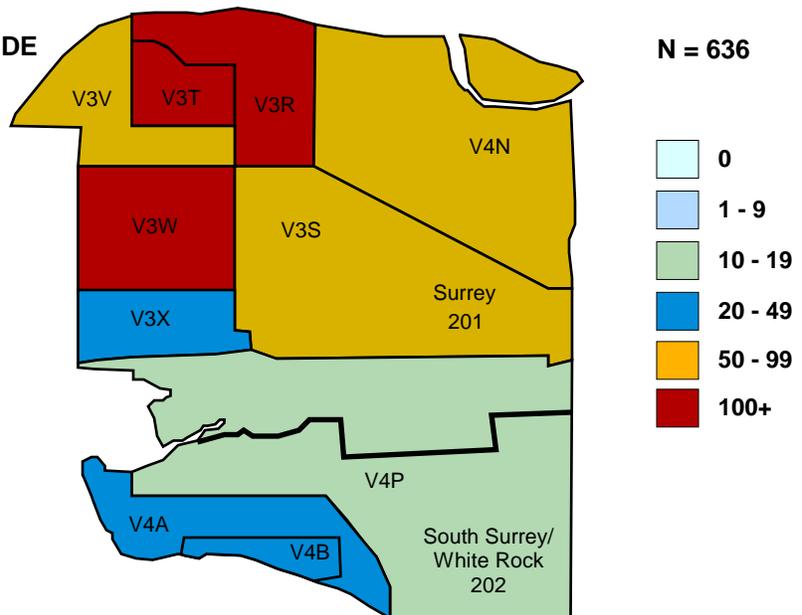


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2023

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



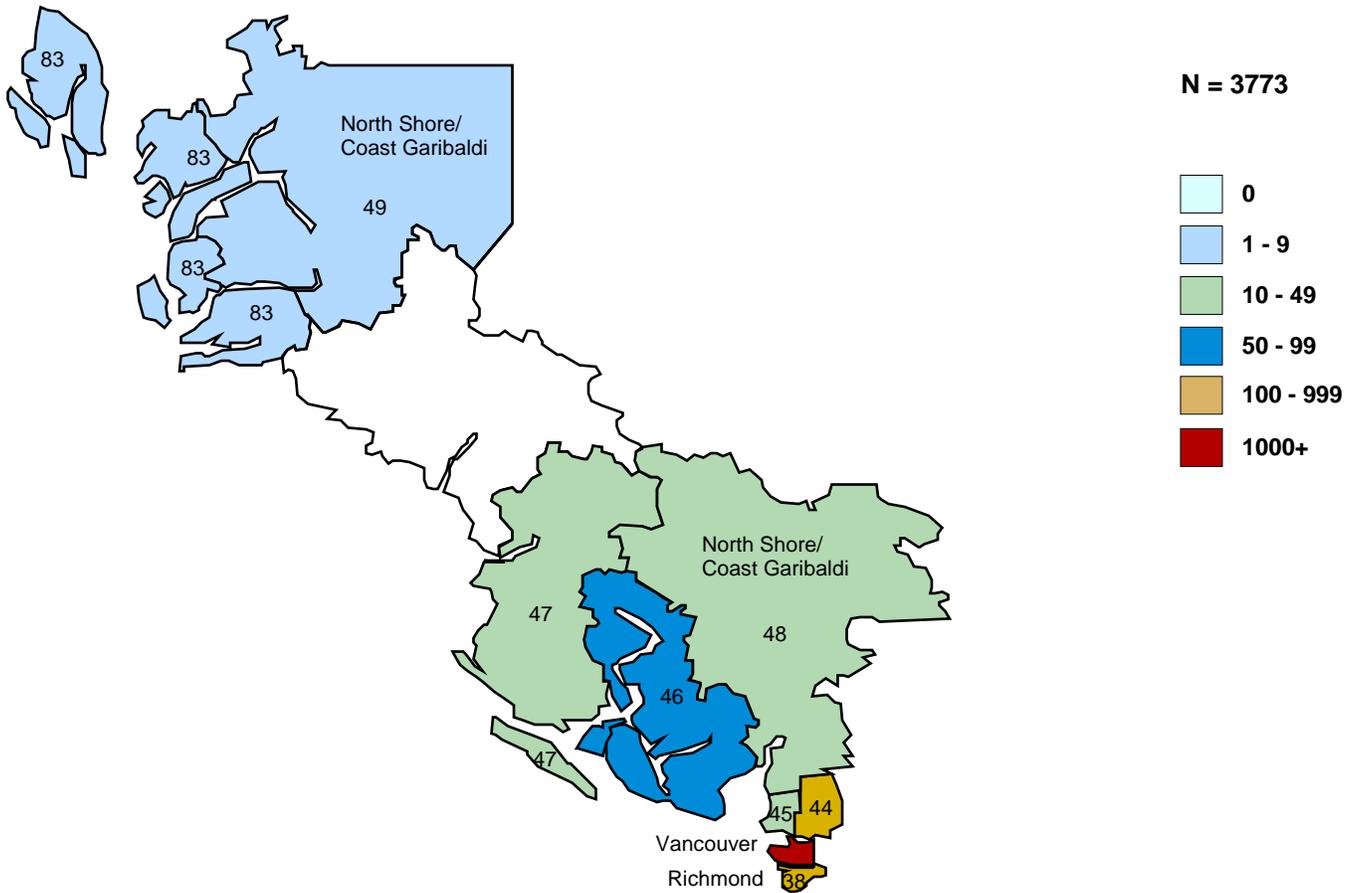
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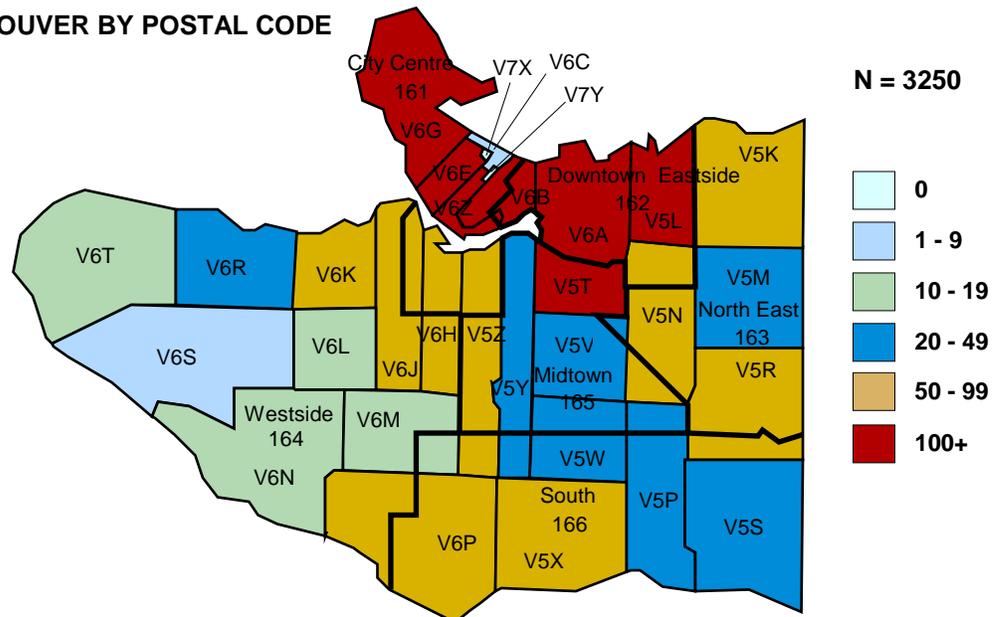


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2023

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



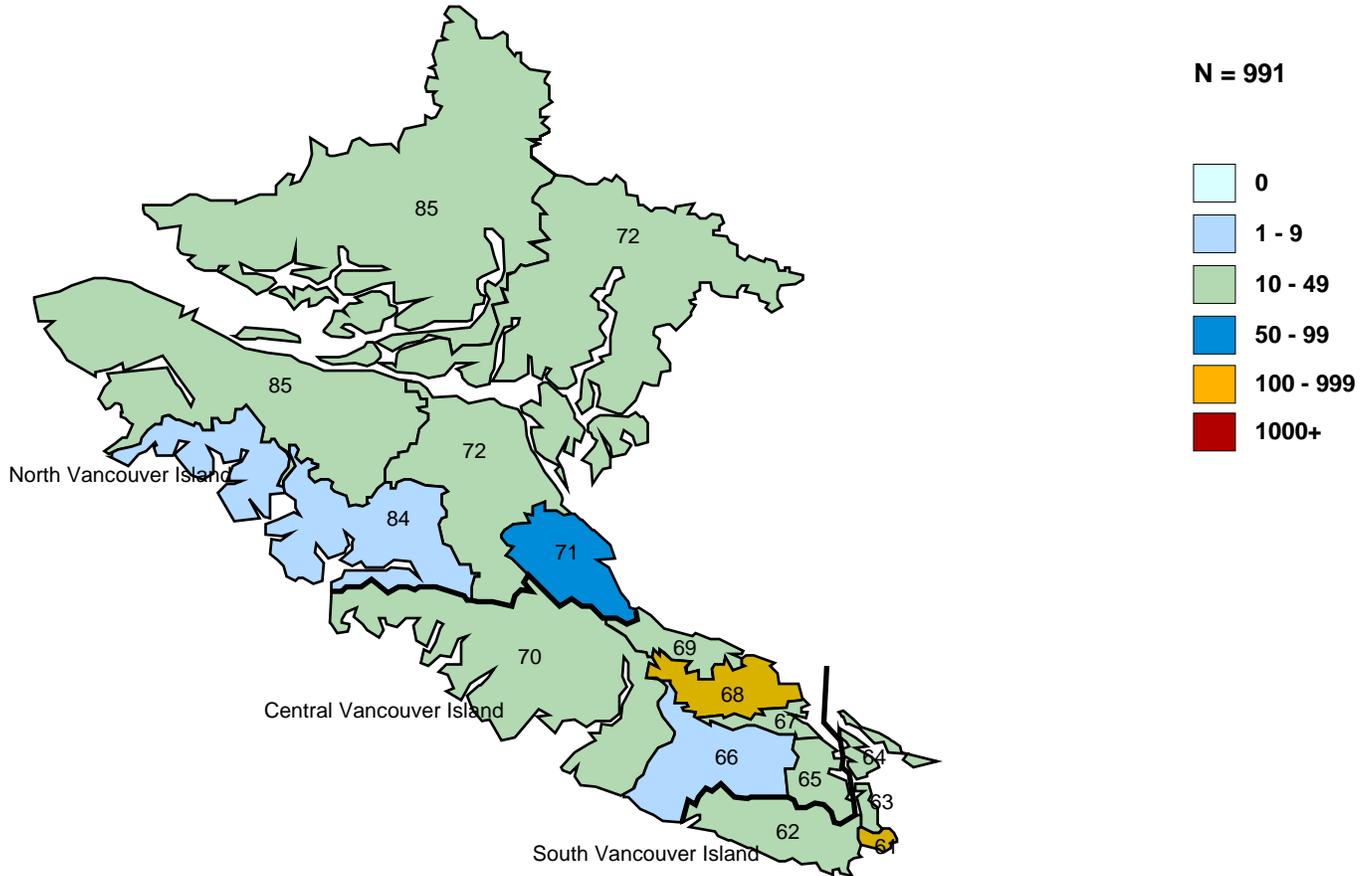
VANCOUVER BY POSTAL CODE



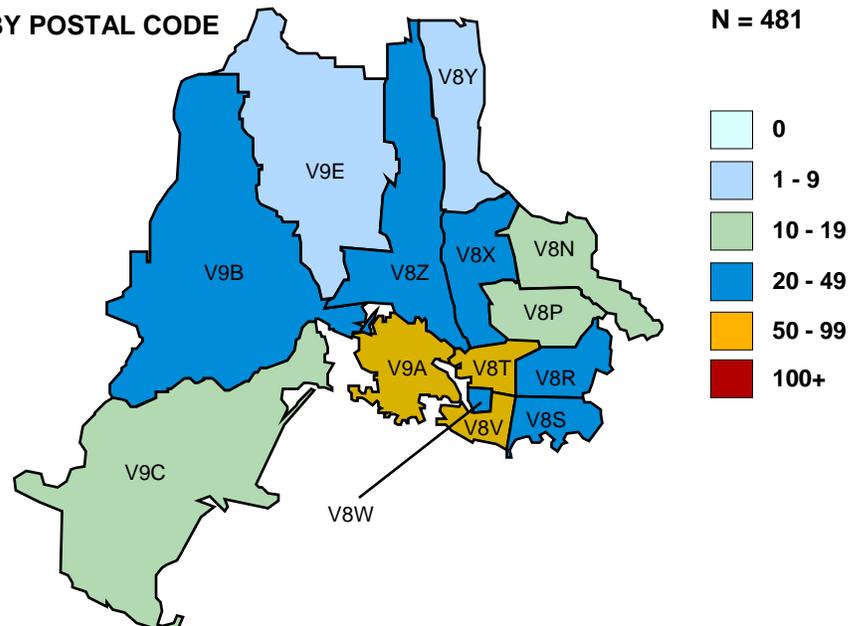


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2023

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



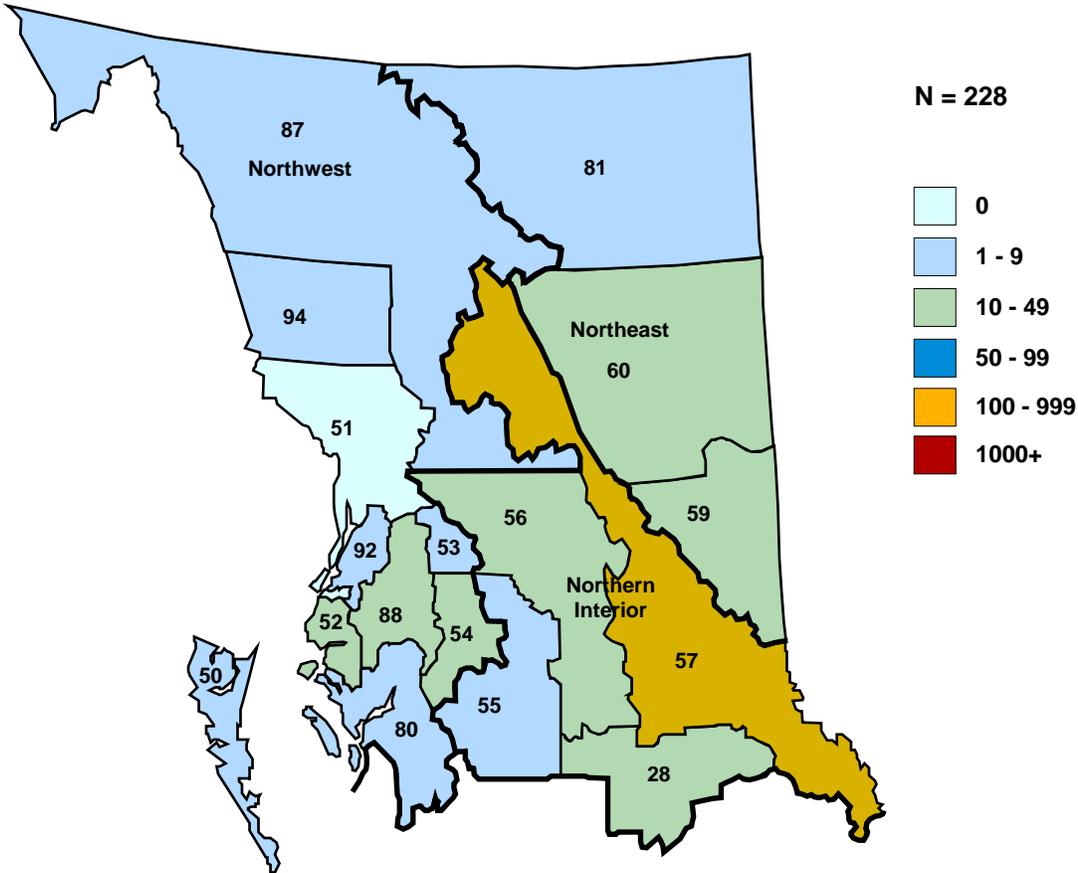
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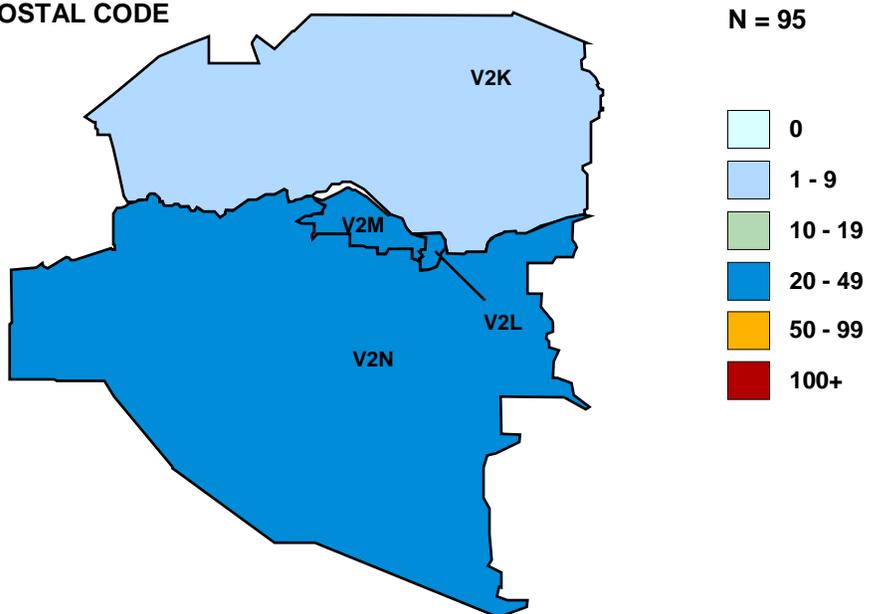


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2023

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	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	44	60	25
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	72	101	53	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	448	608	336	
THOMPSON/CARIBOO/ SHUSWAP	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	237	321	171	
Total HA:		801	1090	585

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	5	5	*
	20-34	75	76	*
	35-49	189	206	*
	50+	532	803	*
Total HA:		801	1090	585

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	161	222	118
Male	640	868	467

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	585	57	660	<40

* 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	24	13
	5 years or more	15	7
	<5 years	5	5
	Total HSDA:	44	25
KOOTENAY BOUNDARY	10 years or more	48	33
	5 years or more	13	10
	<5 years	11	10
	Total HSDA:	72	53
OKANAGAN	10 years or more	281	210
	5 years or more	92	65
	<5 years	75	61
	Total HSDA:	448	336
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	145	105
	5 years or more	44	30
	<5 years	48	36
	Total HSDA:	237	171
Total HA:		801	585

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	498	361
5 years or more	164	112
<5 years	139	112
Total HA:	801	585

* 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	53	71	11	16
KOOTENAY BOUNDARY	76	138	19	42
OKANAGAN	241	1108	53	335
THOMPSON/CARIBOO/SHUSWAP	150	575	35	142
Total:	520	1892	118	535

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	13
KOOTENAY BOUNDARY	11
OKANAGAN	74
THOMPSON/CARIBOO/SHUSWAP	48
Total:	146

* 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	6
	20-34	43	45	35
	35-49	101	104	69
	50+	271	379	207
	Total HSDA:	422	535	317
FRASER NORTH	20-34	143	144	100
	35-49	359	386	278
	50+	646	1032	493
	Total HSDA:	1148	1562	871
FRASER SOUTH	0-19	7	7	6
	20-34	119	121	89
	35-49	312	340	246
	50+	627	967	498
	Total HSDA:	1065	1435	839
Total HA:		2635	3532	2027

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	14	14	12
	20-34	305	310	224
	35-49	772	830	593
	50+	1544	2378	1198
Total HA:		2635	3532	2027

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	639	821	482
Male	1996	2711	1545

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	2027	53	650	<40

* 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	282	217
	5 years or more	69	40
	<5 years	71	60
	Total HSDA:	422	317
FRASER NORTH	10 years or more	722	530
	5 years or more	229	181
	<5 years	197	160
	Total HSDA:	1148	871
FRASER SOUTH	10 years or more	649	503
	5 years or more	219	166
	<5 years	197	170
	Total HSDA:	1065	839
Total HA:		2635	2027

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1653	1250
	5 years or more	517	387
	<5 years	465	390
Total HA:		2635	2027

* 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	150	548	32	63
FRASER NORTH	263	1643	45	224
FRASER SOUTH	227	1832	43	489
Total:	640	4023	120	776

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	208
FRASER NORTH	713
FRASER SOUTH	485
Total:	1406

* 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:		359	533
RICHMOND	20-34	29	30	19
	35-49	59	60	49
	50+	124	181	103
	Total HSDA:	212	271	171
VANCOUVER	0-19	11	11	9
	20-34	452	469	300
	35-49	1226	1366	863
	50+	2997	5390	2152
	Total HSDA:	4686	7236	3324
Total HA:		5257	8040	3773

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	10
	20-34	509	527	336
	35-49	1358	1506	968
	50+	3378	5995	2459
Total HA:		5257	8040	3773

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	600	979	452
Male	4655	7059	3321
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3773	56	660	<40

* 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	248	192
	5 years or more	54	45
	<5 years	57	41
	Total HSDA:	359	278
RICHMOND	10 years or more	125	98
	5 years or more	35	26
	<5 years	52	47
	Total HSDA:	212	171
VANCOUVER	10 years or more	*	2284
	5 years or more	*	546
	<5 years	*	494
	Never on ART	*	0
	Total HSDA:	4686	3324
Total HA:	5257	3773	

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	*	2574
5 years or more	*	617
<5 years	*	582
Never on ART	*	0
Total HA:	5257	3773

* 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	189	416	35	49
RICHMOND	46	321	7	98
VANCOUVER	695	11829	227	5492
Total:	930	12566	269	5639

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	65

* 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:		356	524
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		130	183
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		821	1178
Total HA:		1307	1885	991

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	6
	20-34	108	117	70
	35-49	306	344	227
	50+	887	1418	688
Total HA:		1307	1885	991

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	220	322	164
Male	1087	1563	827

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	991	56	610	<40

* 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	229	184
	5 years or more	67	46
	<5 years	60	51
	Total HSDA:	356	281
NORTH VANCOUVER ISLAND	10 years or more	95	76
	5 years or more	24	17
	<5 years	11	11
	Total HSDA:	130	104
SOUTH VANCOUVER ISLAND	10 years or more	510	368
	5 years or more	159	115
	<5 years	152	123
	Total HSDA:	821	606
Total HA:		1307	991

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	834	628
	5 years or more	250	178
	<5 years	223	185
Total HA:		1307	991

* 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	205	936	67	173
NORTH VANCOUVER ISLAND	161	286	37	68
SOUTH VANCOUVER ISLAND	230	1980	40	588
Total:	596	3202	144	829

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	103
NORTH VANCOUVER ISLAND	46
SOUTH VANCOUVER ISLAND	126
Total:	275

* 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	8	8	*
	35-49	17	20	*
	50+	30	39	*
	Total HSDA:	55	67	29
NORTH WEST	20-34	*	5	*
	35-49	*	38	*
	50+	*	80	*
	Total HSDA:	75	123	57
NORTHERN INTERIOR	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	202	302	142
Total HA:		332	492	228

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		332	492	228

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	115	176	72
Male	217	316	156

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	228	53	560	<40

* 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	31	*
	5 years or more	6	*
	<5 years	18	*
	Total HSDA:	55	29
NORTH WEST	10 years or more	52	37
	5 years or more	10	9
	<5 years	13	11
	Total HSDA:	75	57
NORTHERN INTERIOR	10 years or more	114	81
	5 years or more	52	35
	<5 years	36	26
	Total HSDA:	202	142
Total HA:		332	228

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	197	130
	5 years or more	68	46
	<5 years	67	52
Total HA:		332	228

* 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	51	6	8
NORTH WEST	89	188	14	41
NORTHERN INTERIOR	123	508	22	193
Total:	251	747	42	242

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	7
NORTH WEST	20
NORTHERN INTERIOR	16
Total:	43

* 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	*	10	*
	KOOTENAY BOUNDARY	*	9	*
	OKANAGAN	*	51	*
	THOMPSON/CARIBOO/SHUSWAP	*	53	*
	Total HA:	67	123	49
FRASER	FRASER EAST	37	53	32
	FRASER NORTH	50	93	37
	FRASER SOUTH	80	119	58
	Total HA:	167	265	127
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	28	55	26
	RICHMOND	6	11	5
	VANCOUVER	447	914	370
	Total HA:	481	980	401
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	48	83	38
	NORTH VANCOUVER ISLAND	15	29	11
	SOUTH VANCOUVER ISLAND	49	97	37
	Total HA:	112	209	86
NORTHERN	NORTH EAST	11	15	*
	NORTH WEST	33	69	*
	NORTHERN INTERIOR	72	120	*
	Total HA:	116	204	80
Total:		943	1781	743

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	341	636	279
Male	602	1145	464

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	743	54	530	<40

* 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.

Cabenuva: the ViiV Healthcare trade name for an injectable formulation containing CABOTEGRAVIR and RILPIVIRINE.

Cabotegravir: an INTEGRASE INHIBITOR.

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.





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

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

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.

Fostemsavir: an ATTACHMENT INHIBITOR from ViiV Healthcare. Fostemsavir is a PRODRUG of TEMSAVIR.

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.

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.





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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.

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”).

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.

