



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

November 2024





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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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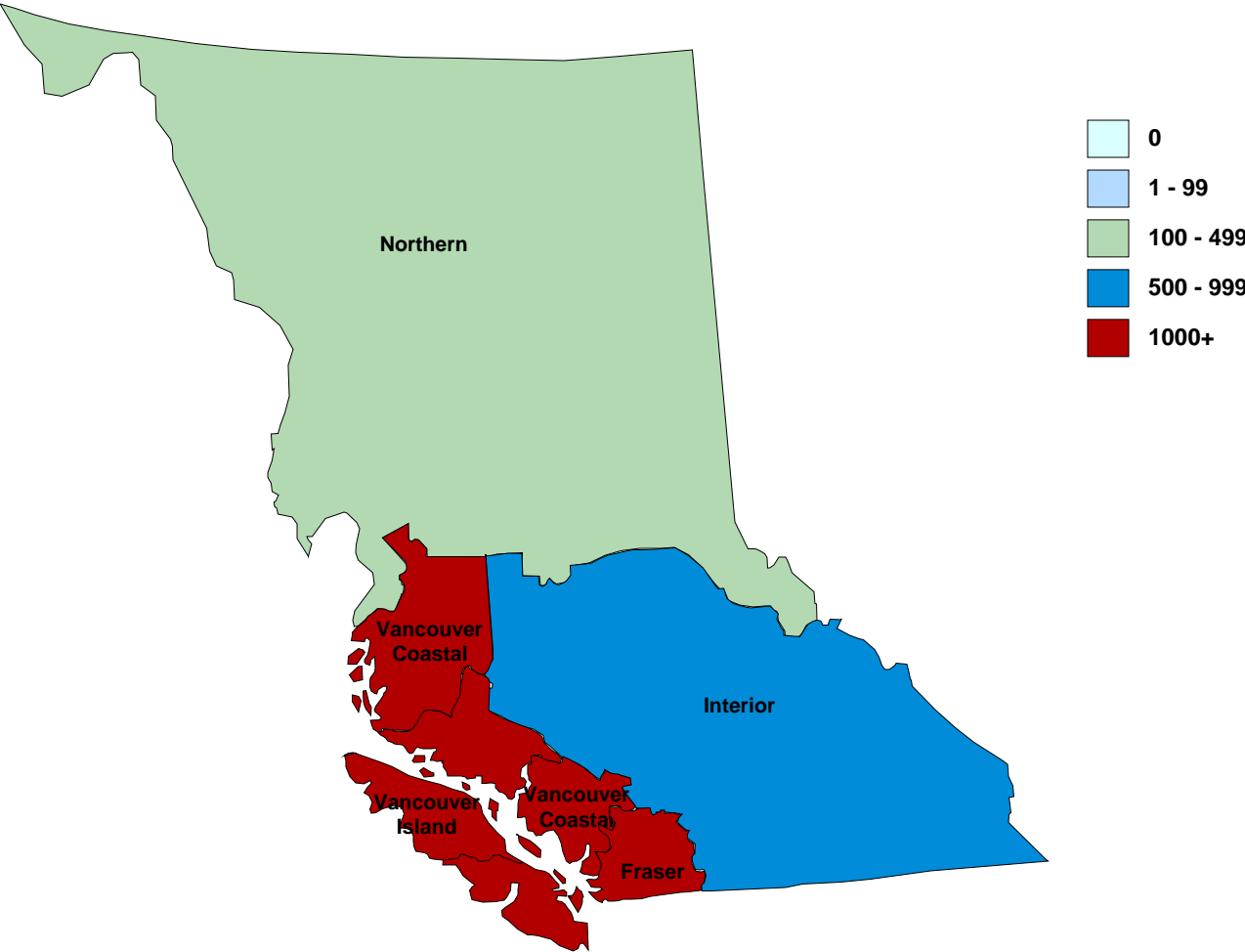


HIV/AIDS Drug Treatment Program
Monthly Report

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

November 2024

N = 7718



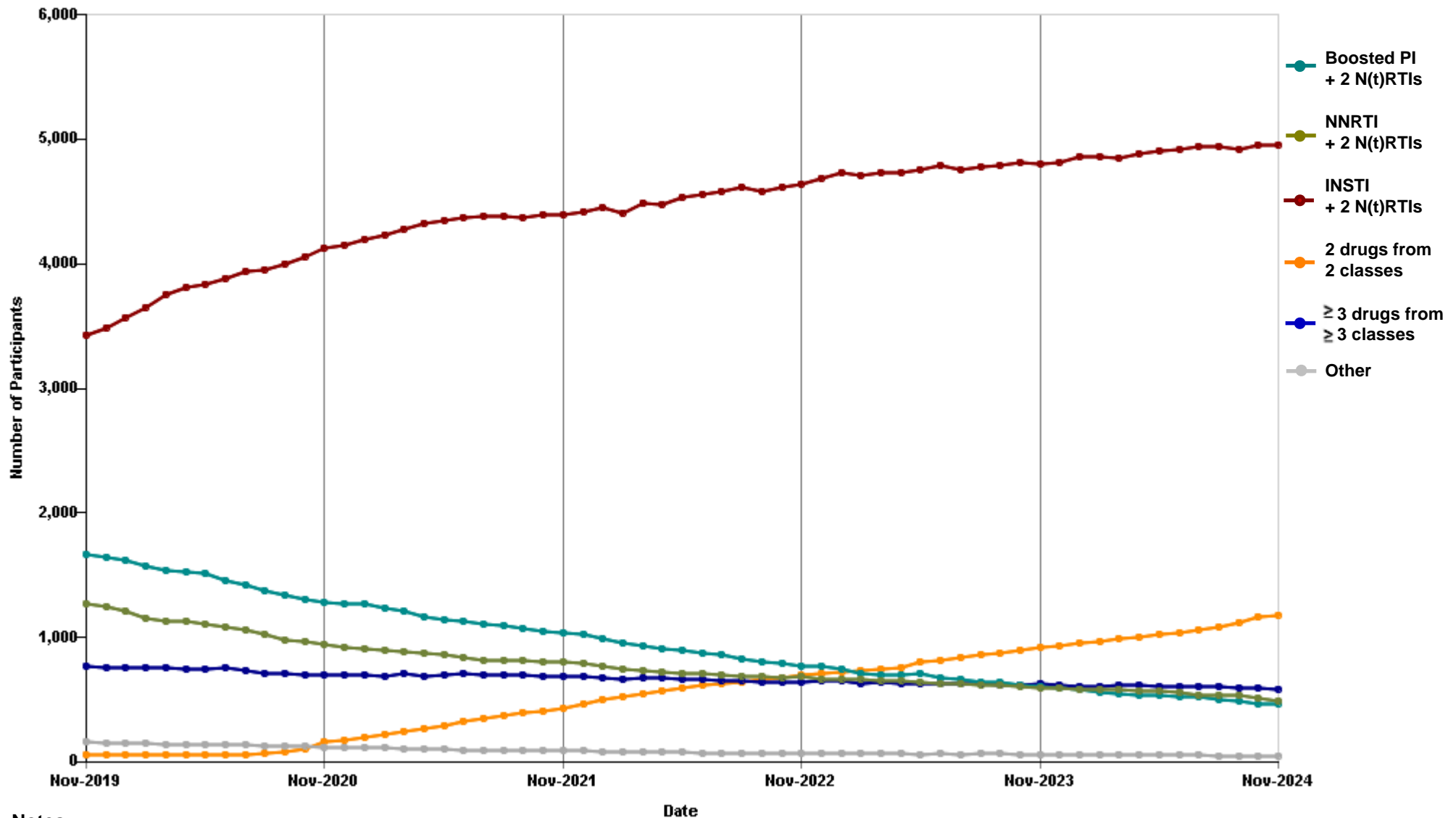
Health Authority	Male	Female	All
FRASER	1612	496	2108
INTERIOR	497	117	614
NORTHERN	170	80	250
VANCOUVER COASTAL	3224	450	3674
VANCOUVER ISLAND	885	170	1055
	6388	1313	7701
	Unknown/not stated:		17
	Total:		7718

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 2019 - November 2024)



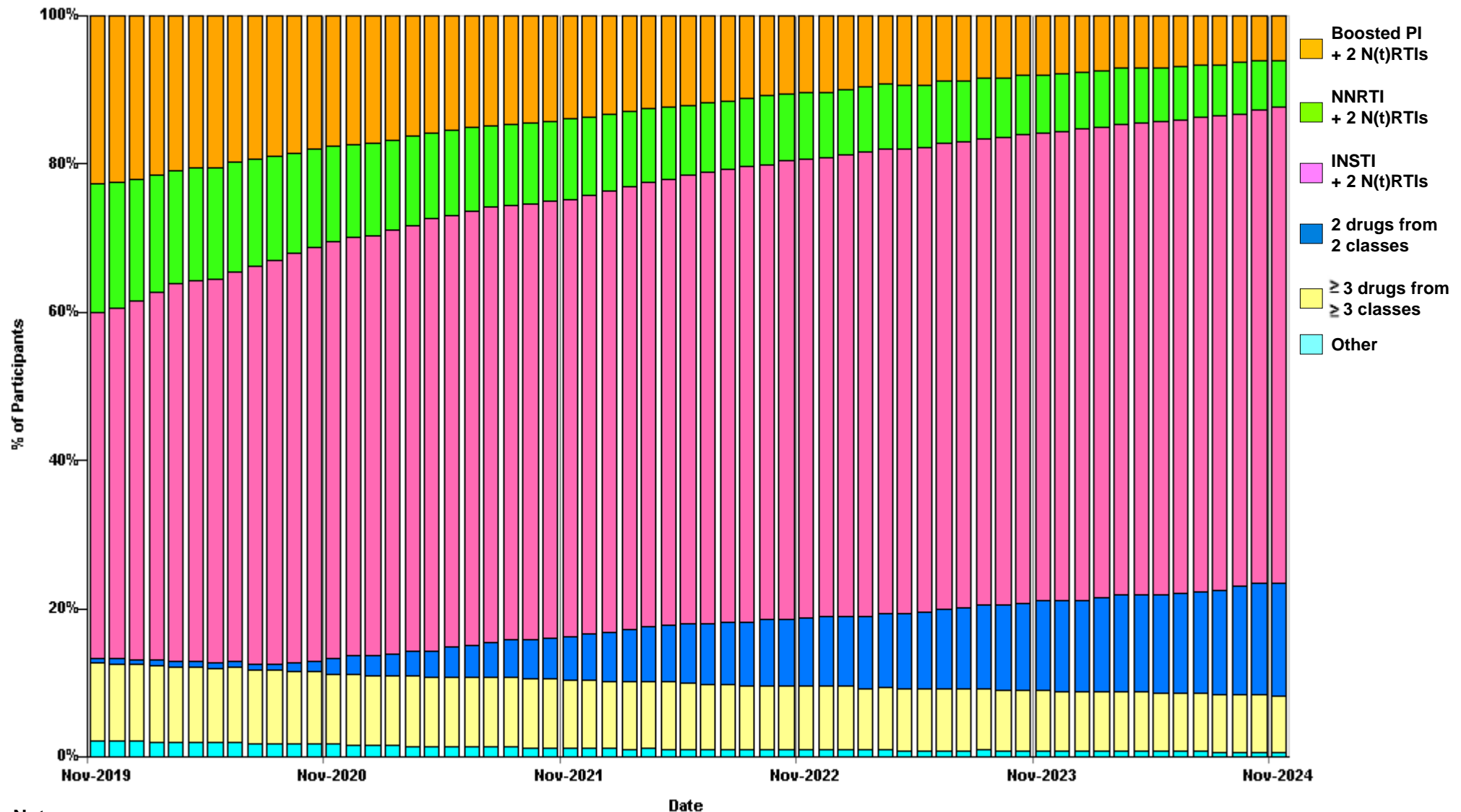
Notes:

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 2019 - November 2024)



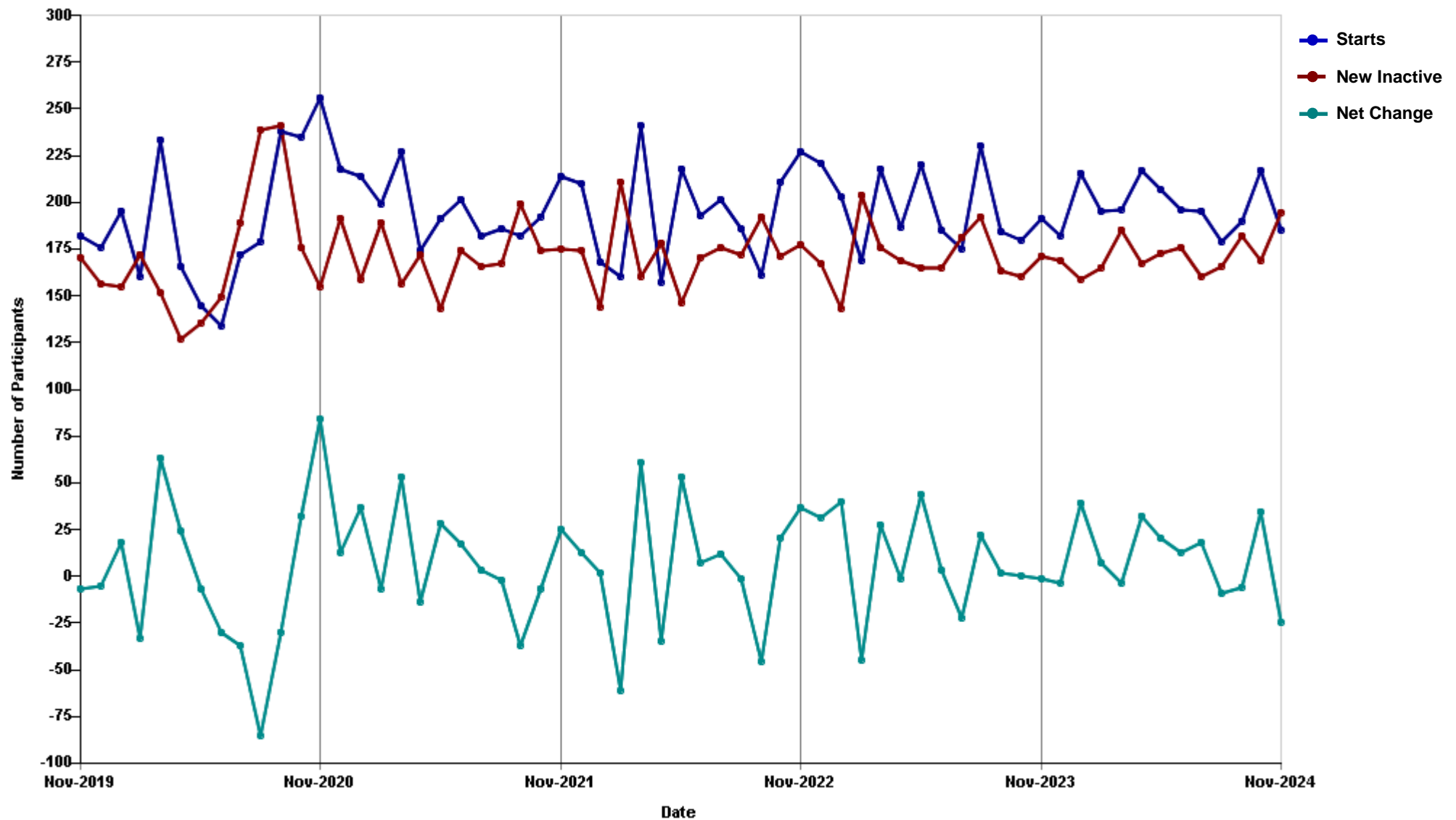
Notes:

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



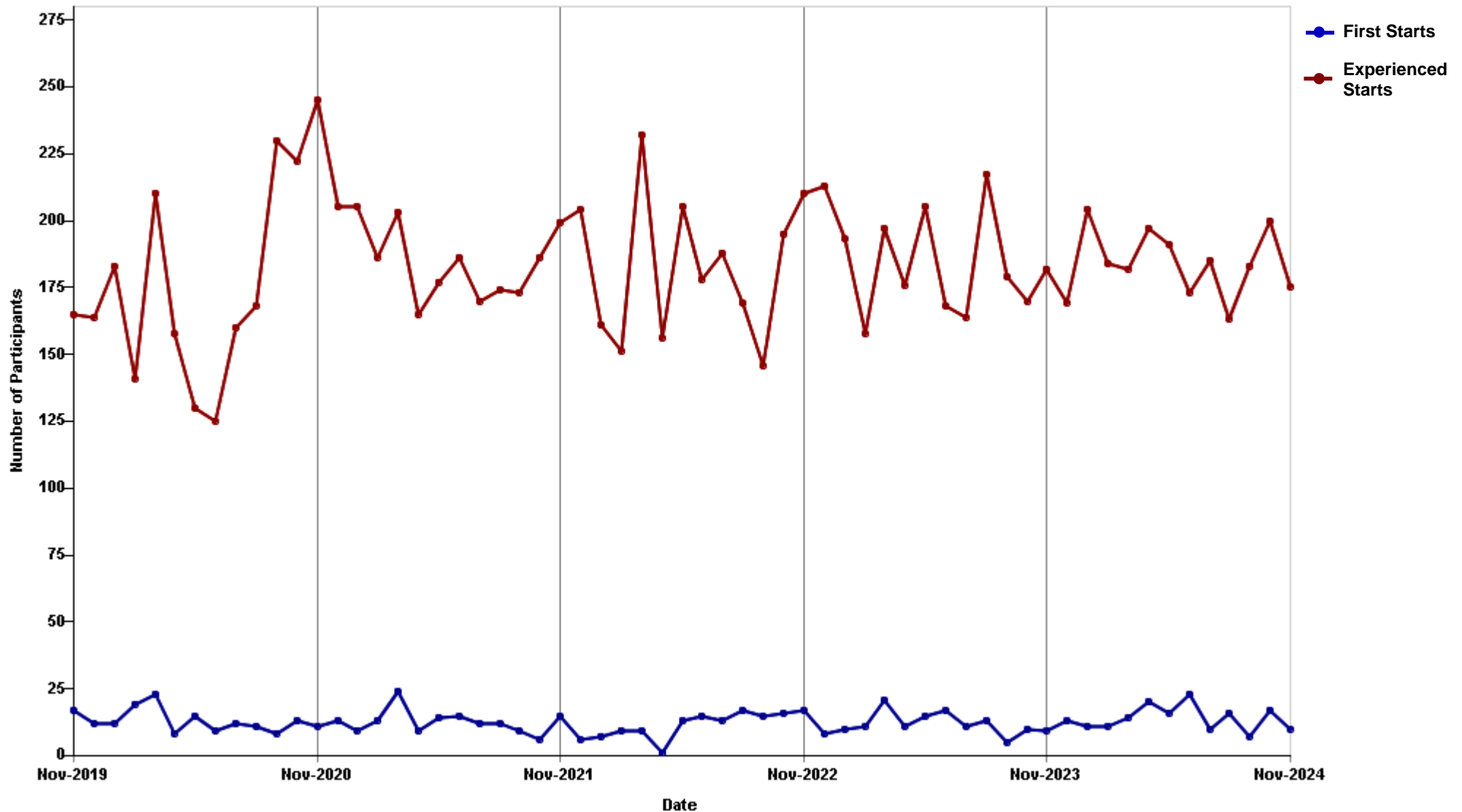


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (November 2019 - November 2024)



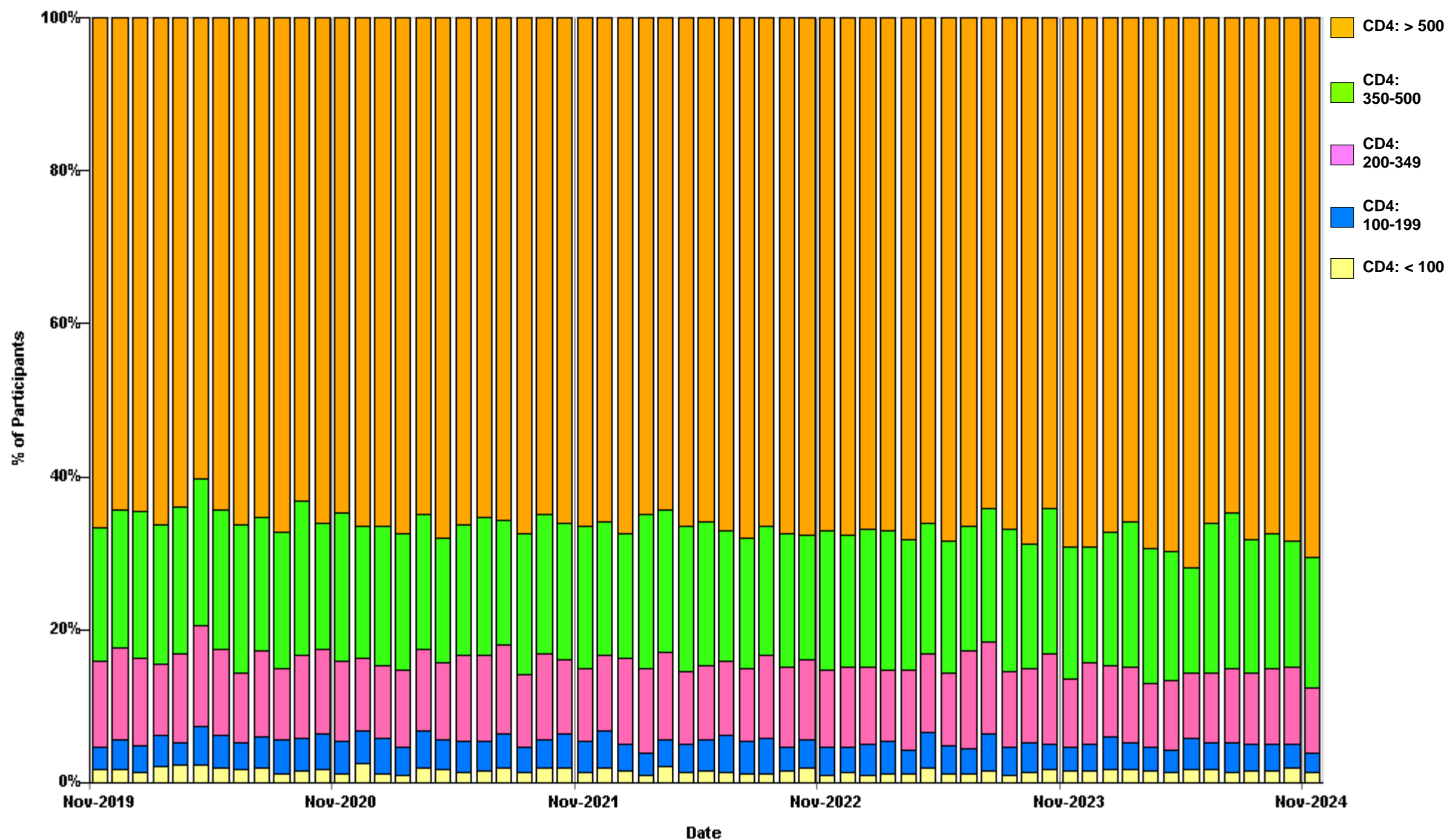


1.5 BC-CfE Enrolment: New Antiretroviral Participants (November 2019 - November 2024)



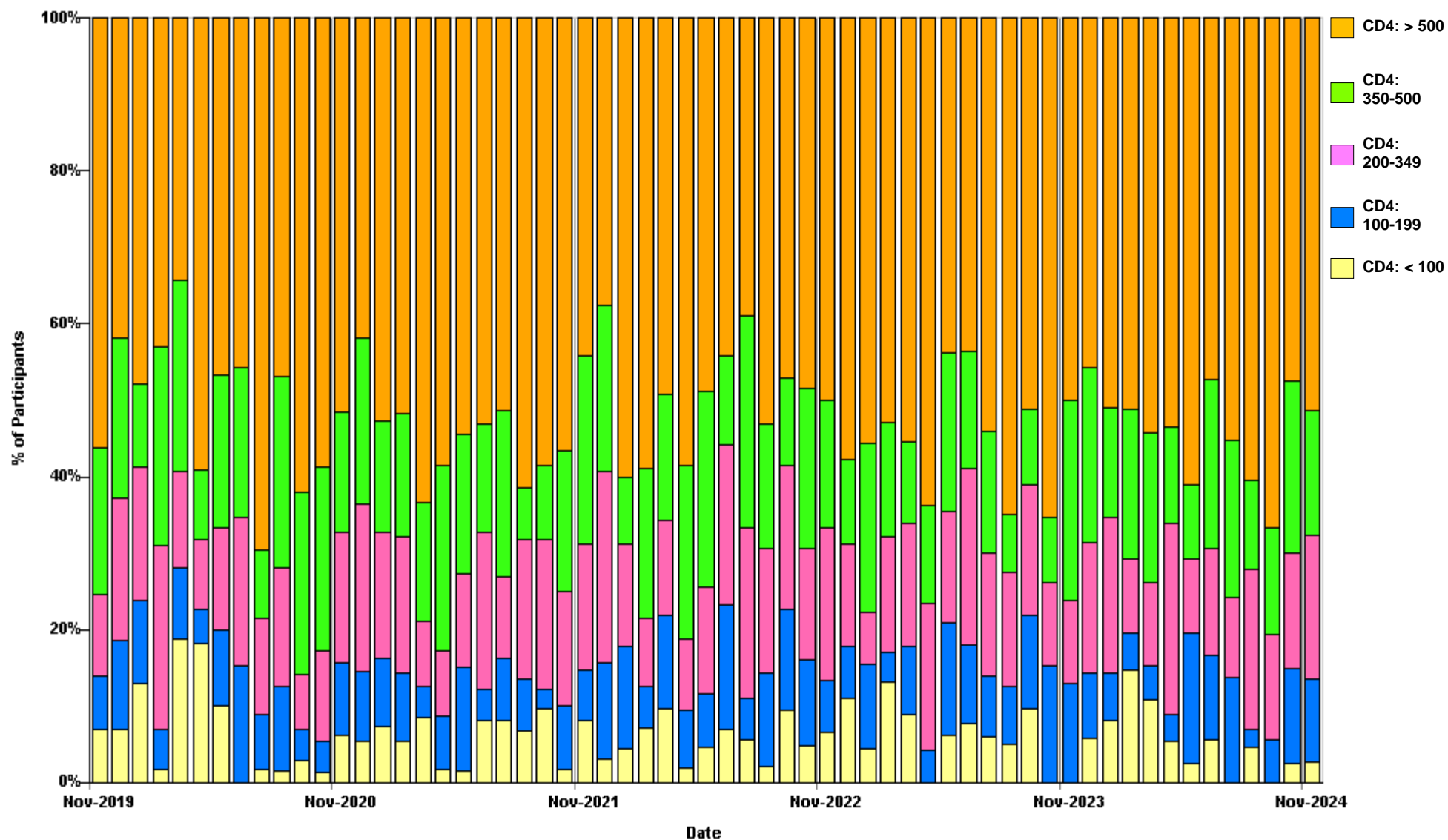


1.6 Percent Distribution of Active Participants by CD4 Count (November 2019 - November 2024)



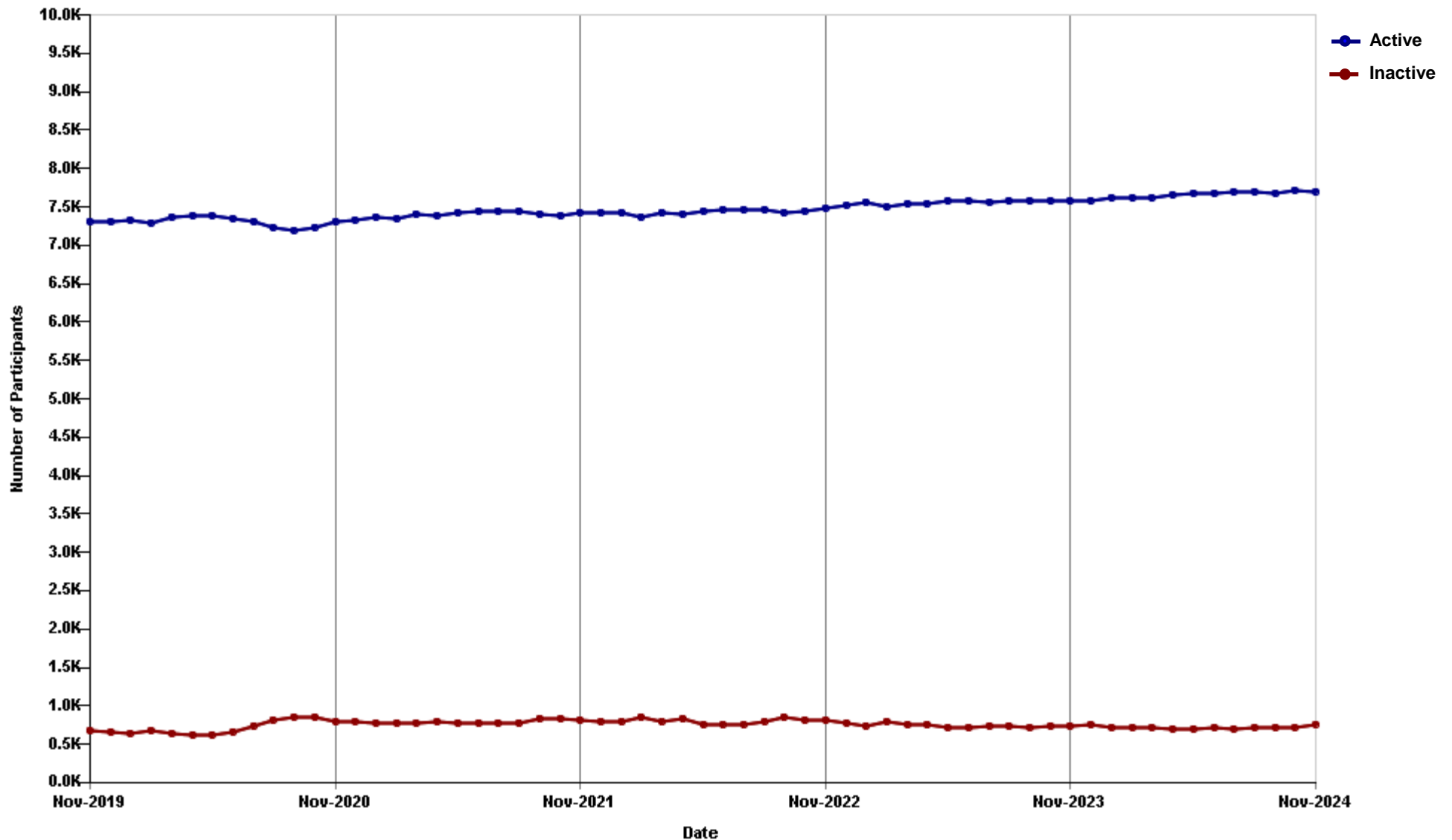


1.7 Percent Distribution of Inactive Participants by CD4 Count (November 2019 - November 2024)



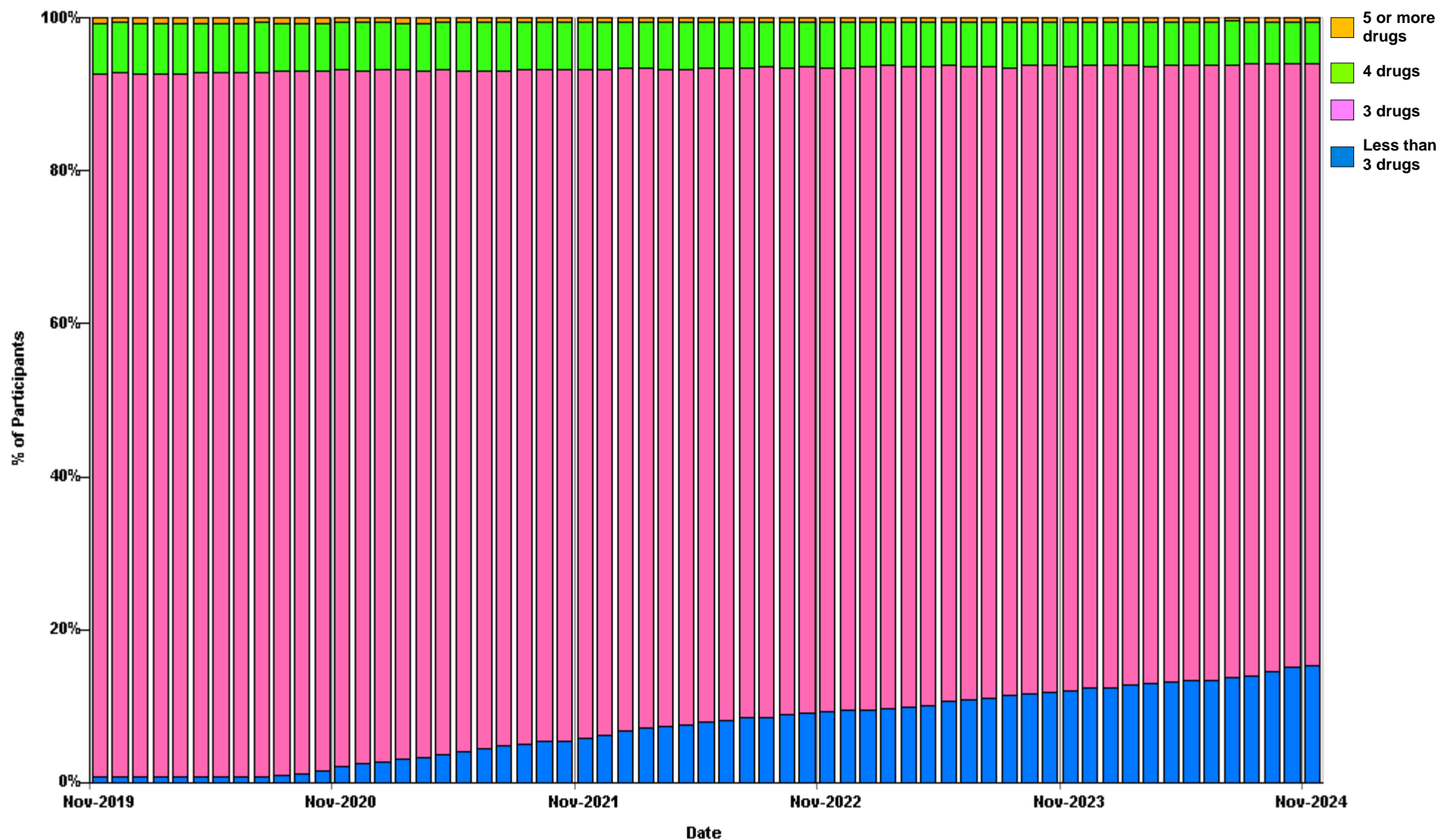


1.8 Active and Inactive Participants (November 2019 - November 2024)



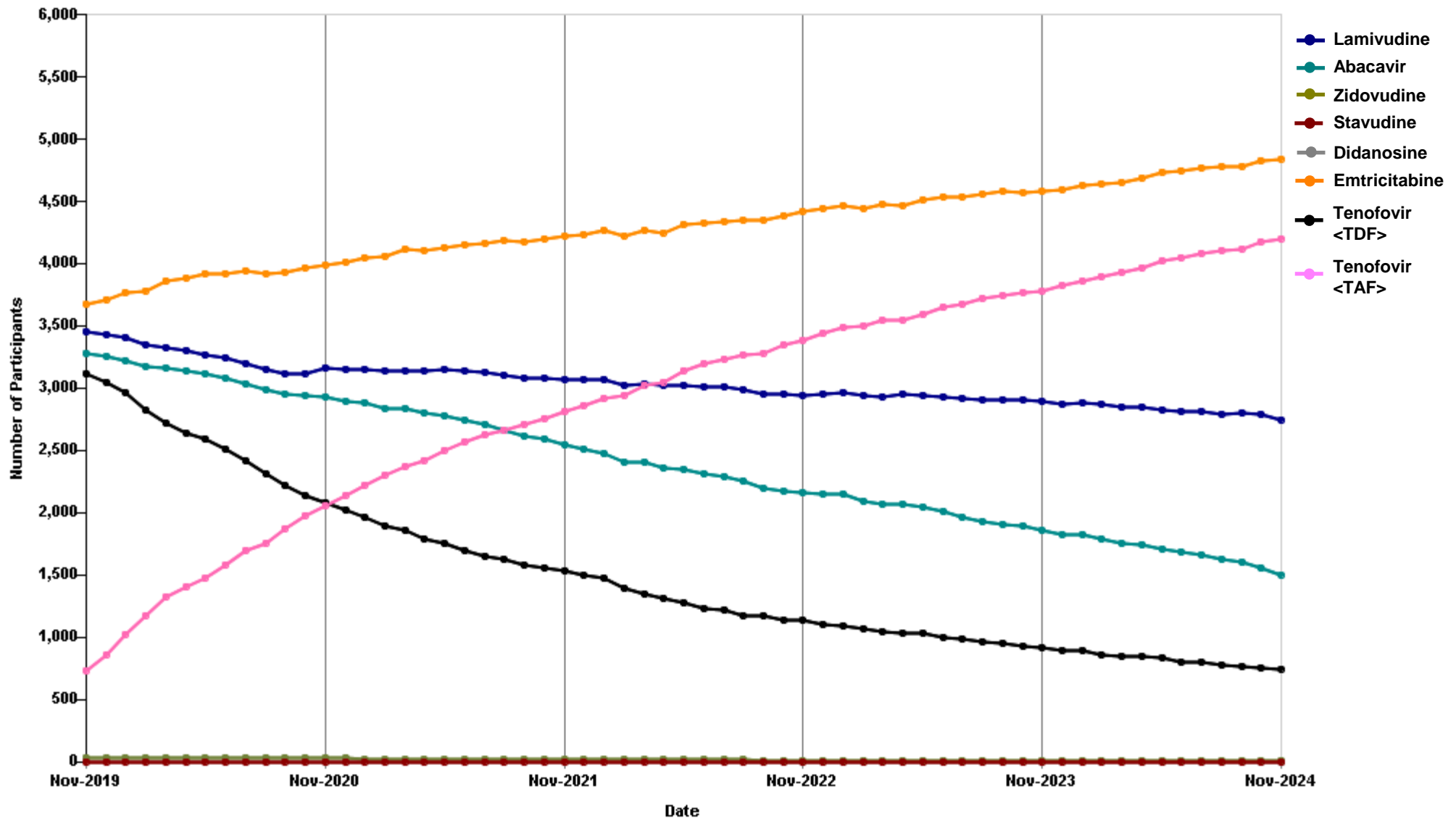


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (November 2019 - November 2024)





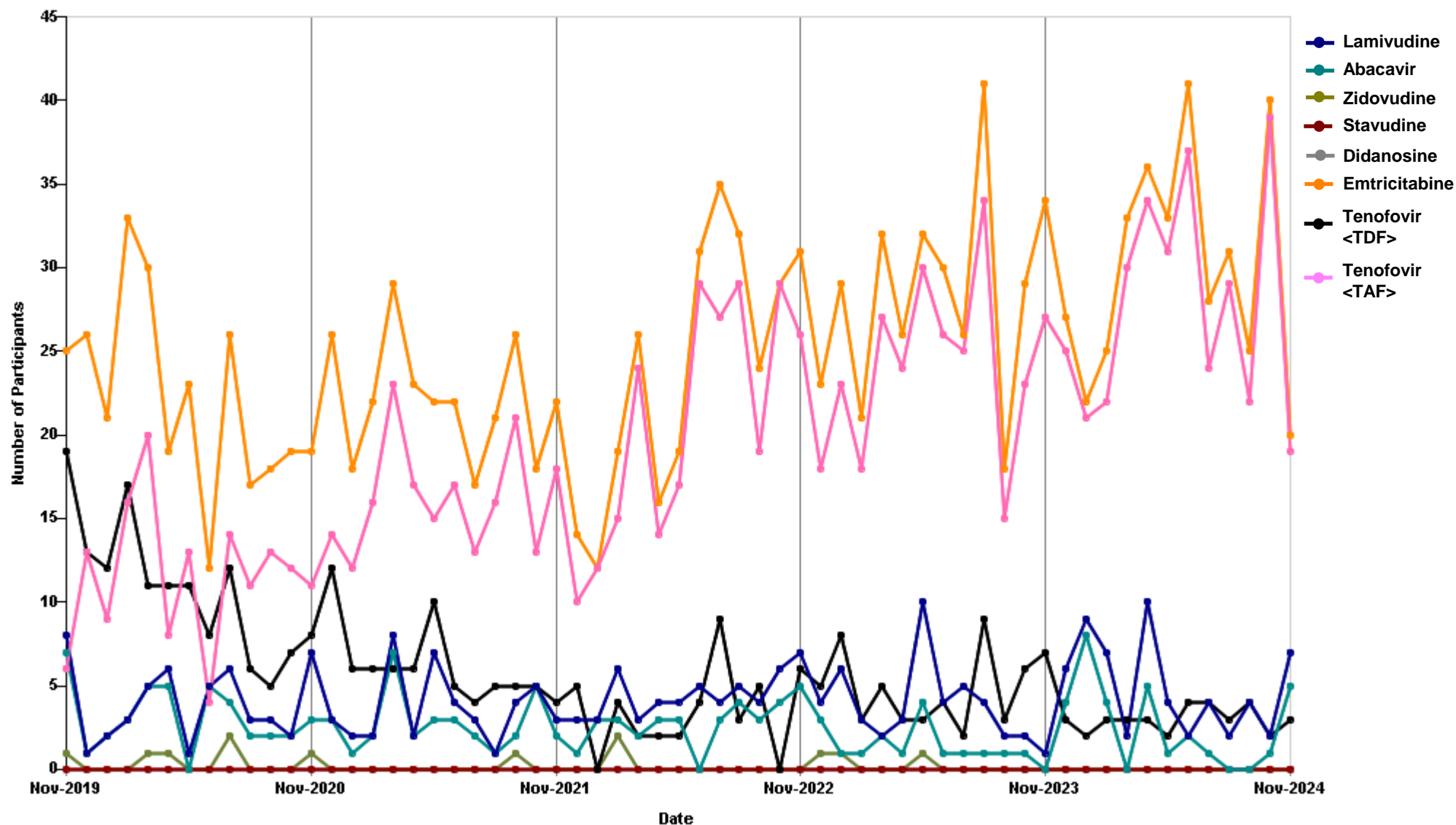
1.10 Distribution of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT (November 2019 - November 2024)





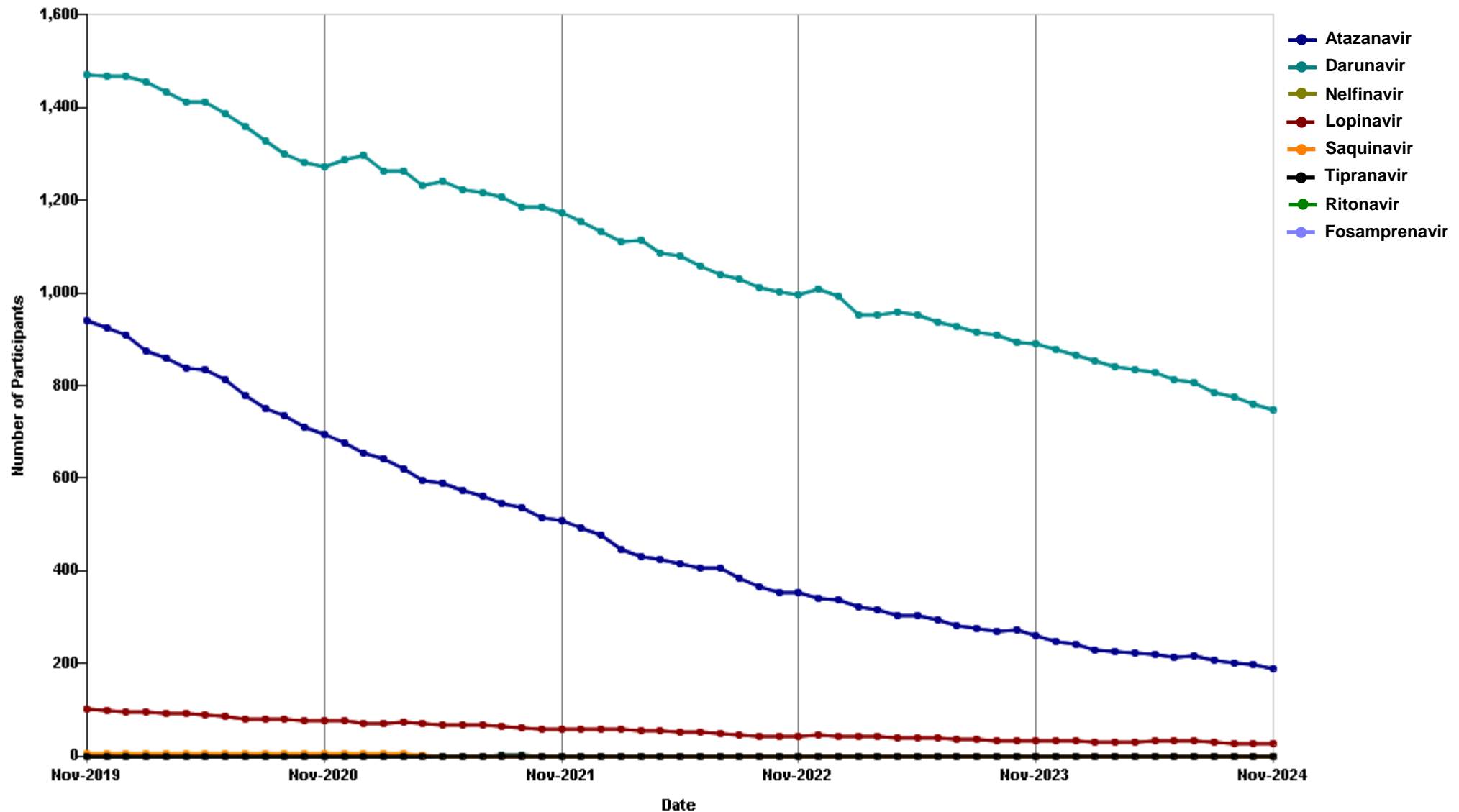
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(November 2019 - November 2024)





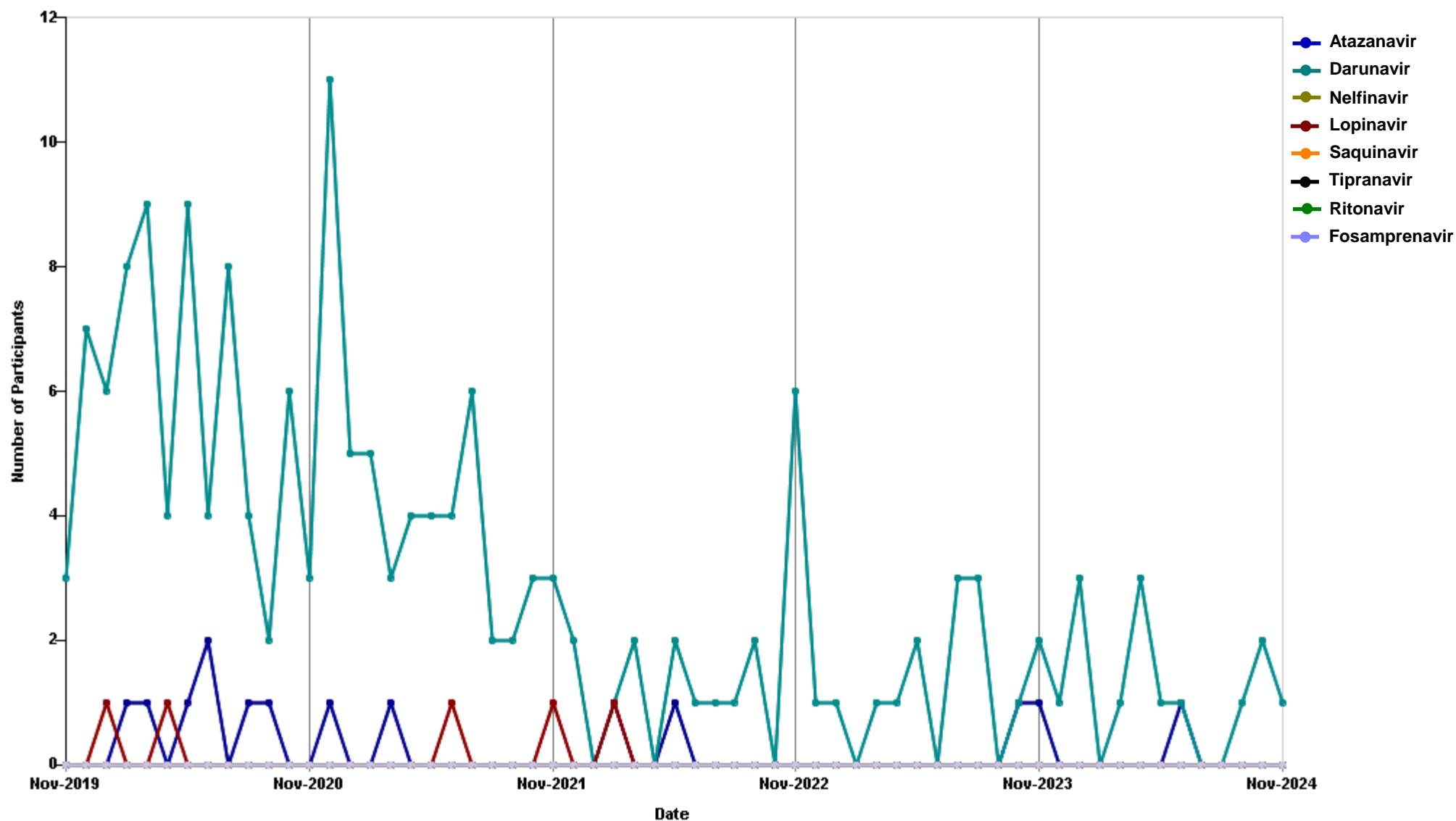
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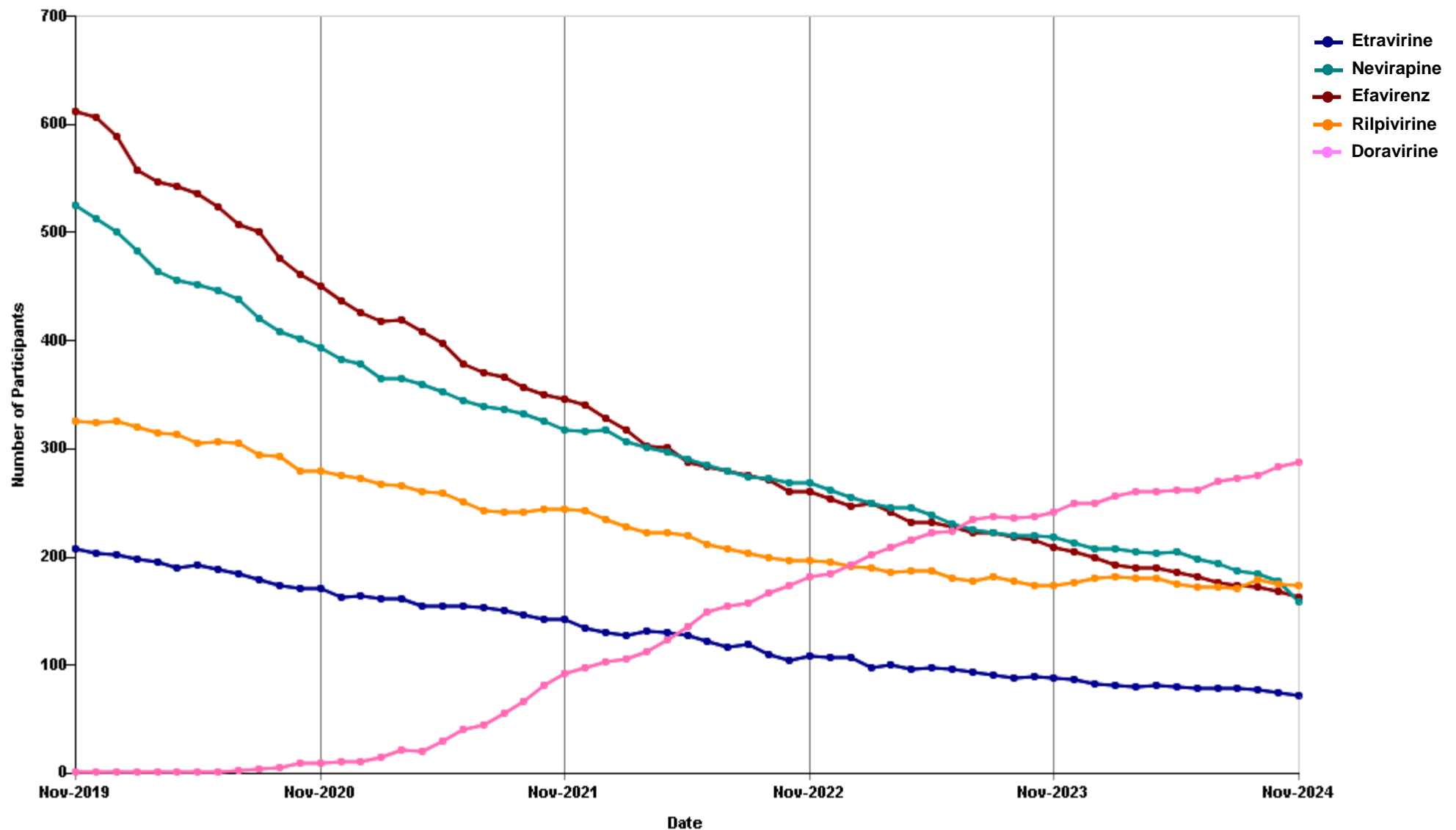
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

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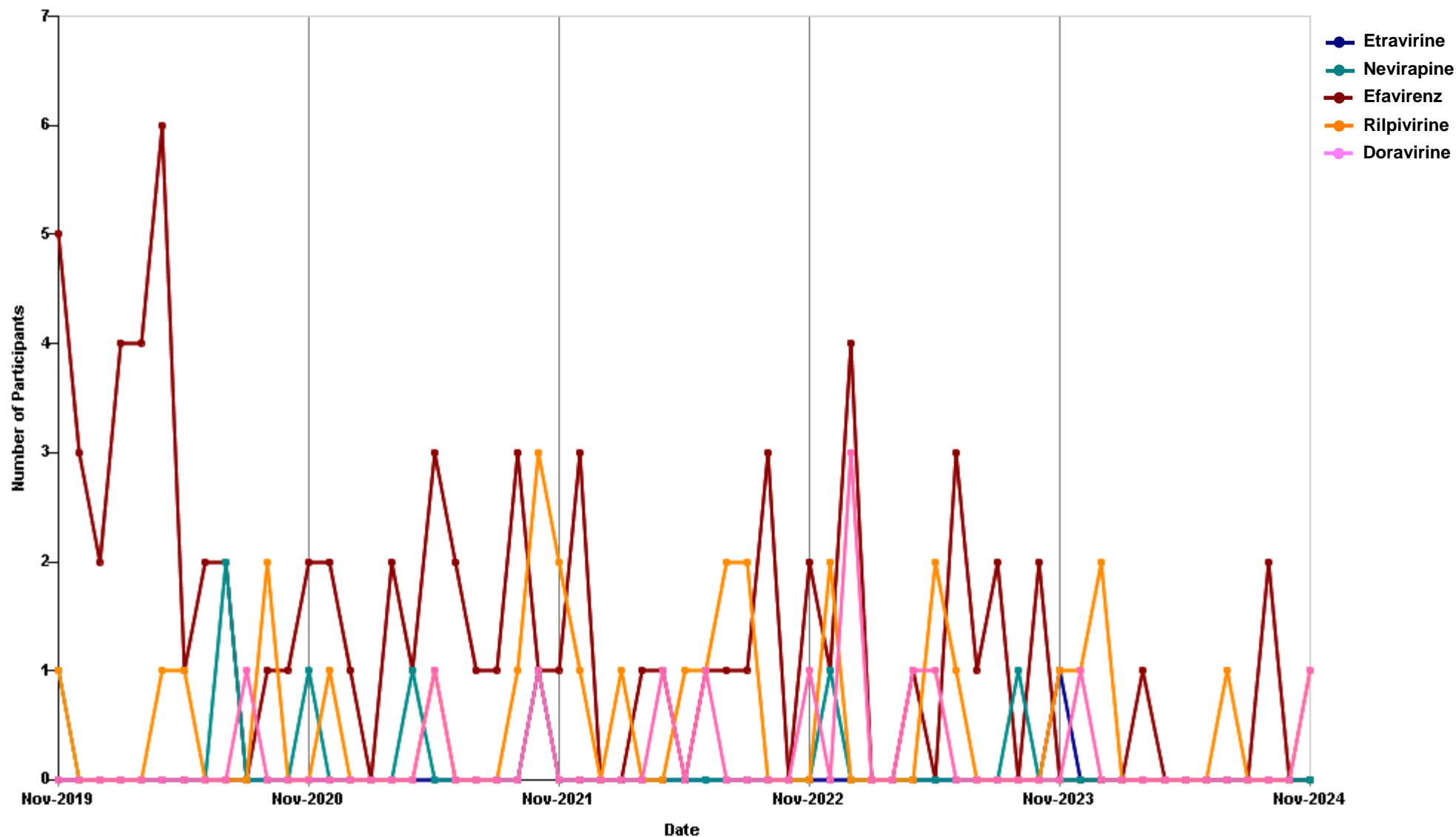
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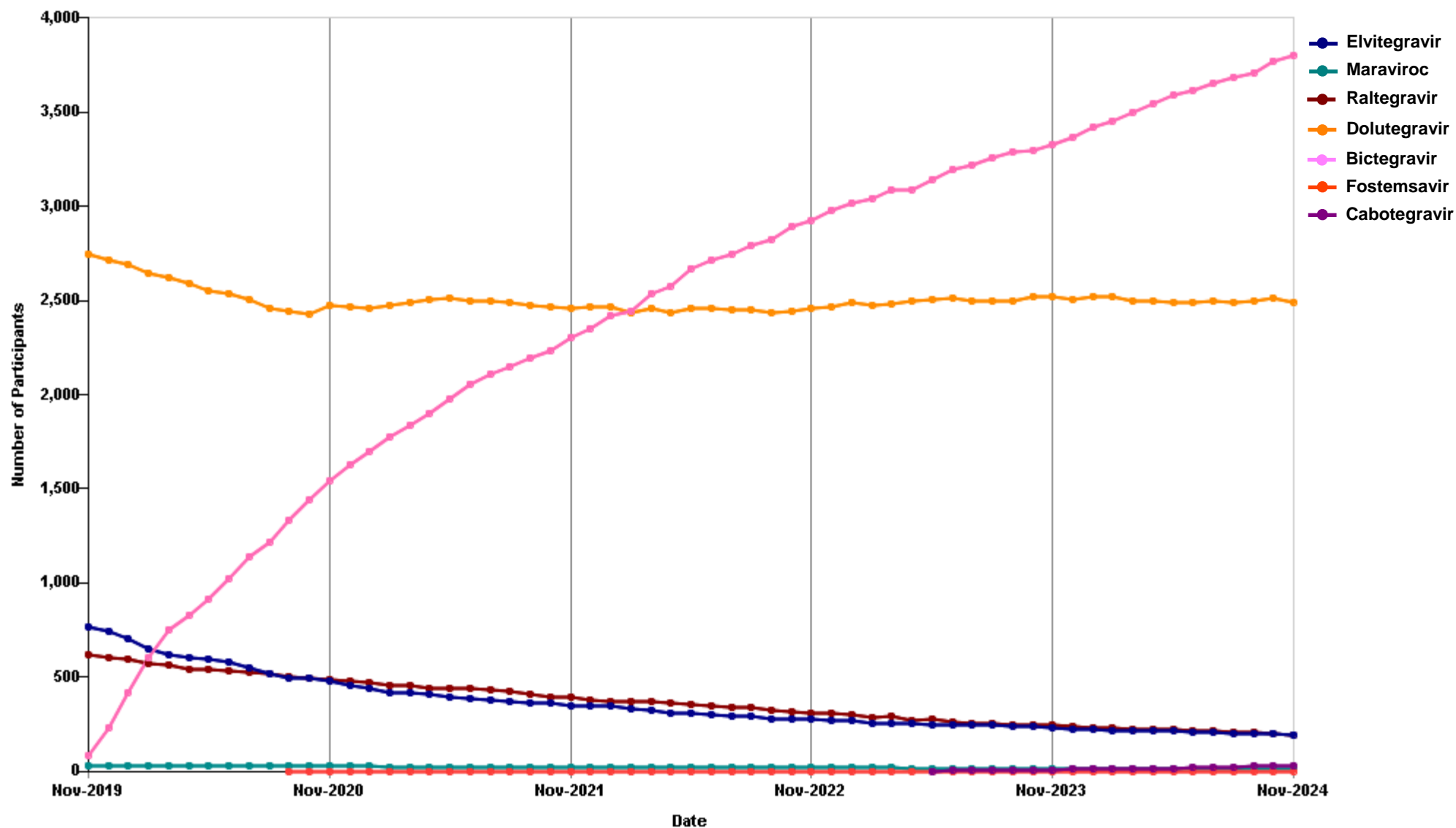
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(November 2019 - November 2024)





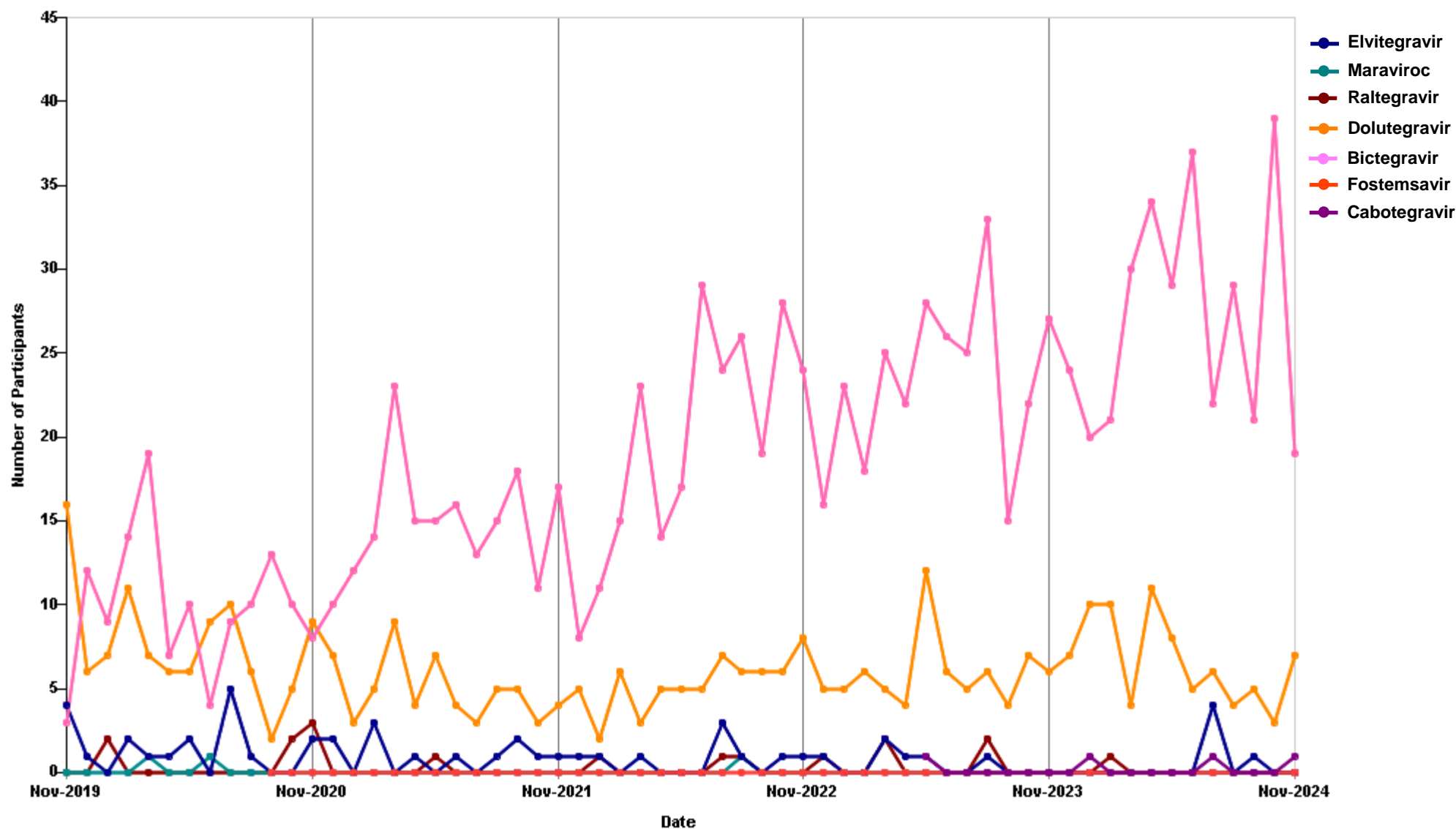
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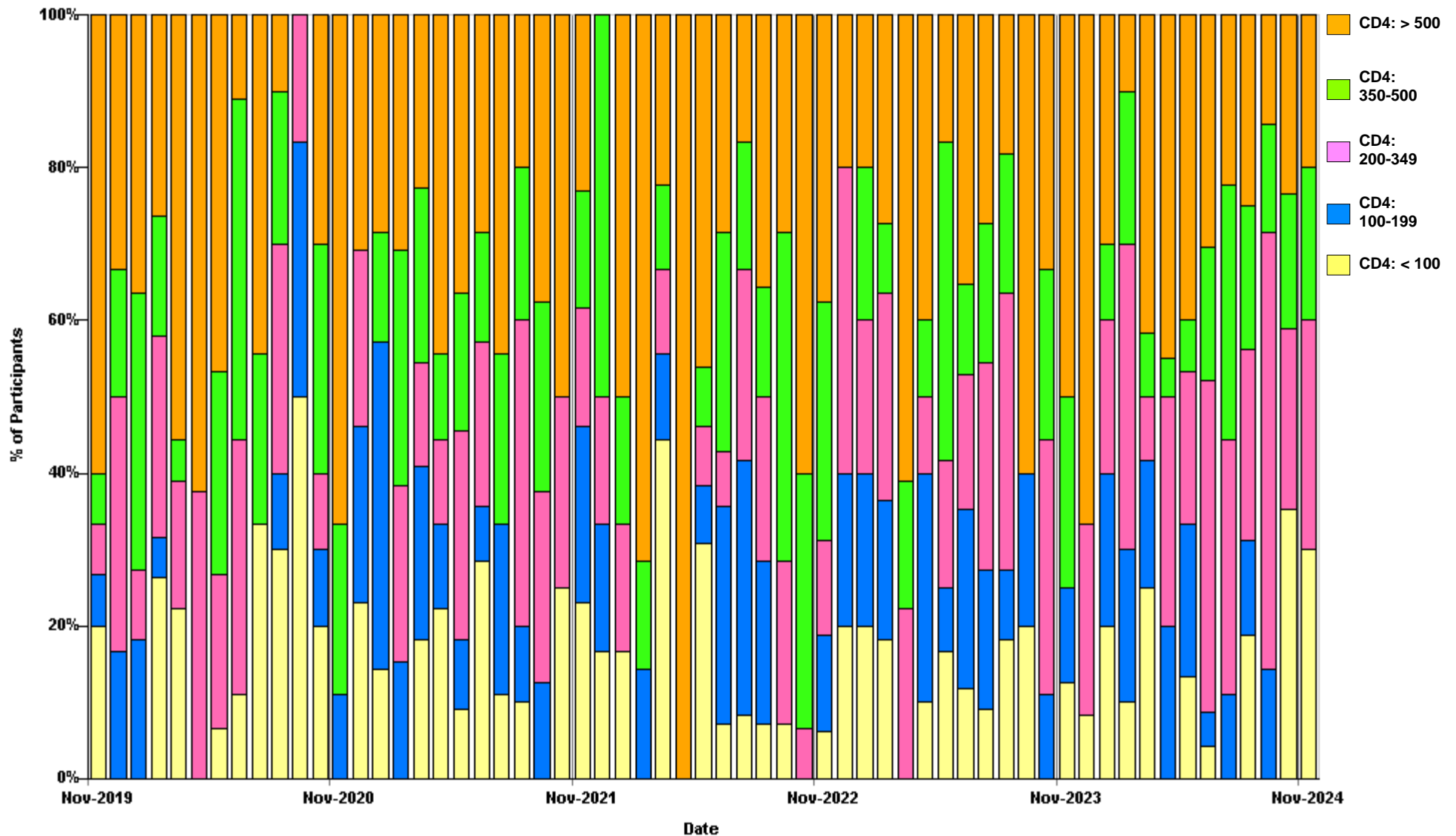
1.17 Distribution of Participants on Entry/Integrase Inhibitors at the time of first ARV Therapy by INGREDIENT

(November 2019 - November 2024)



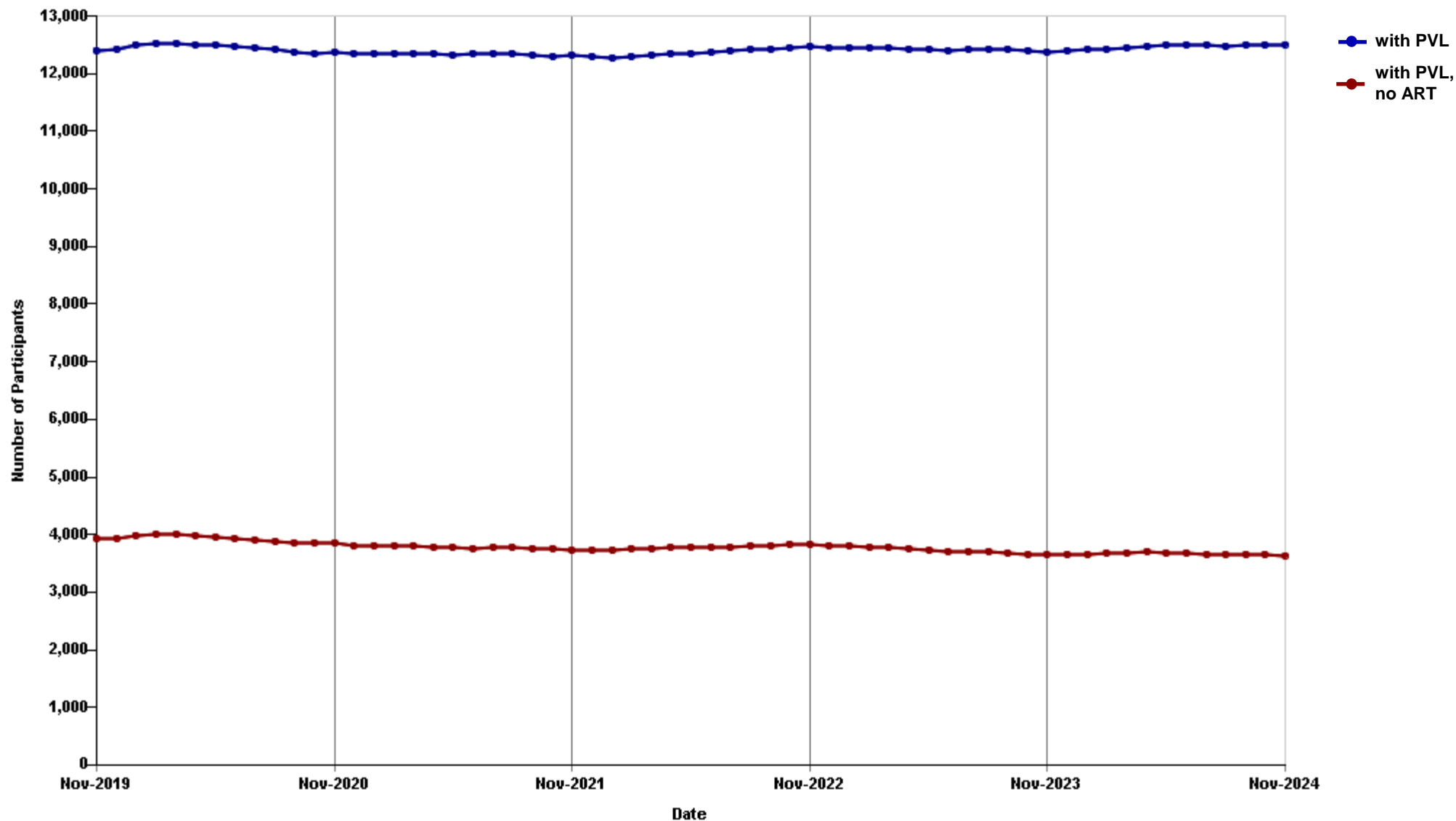


1.18 Baseline CD4 for Antiretroviral First Starts
(November 2019 - November 2024)



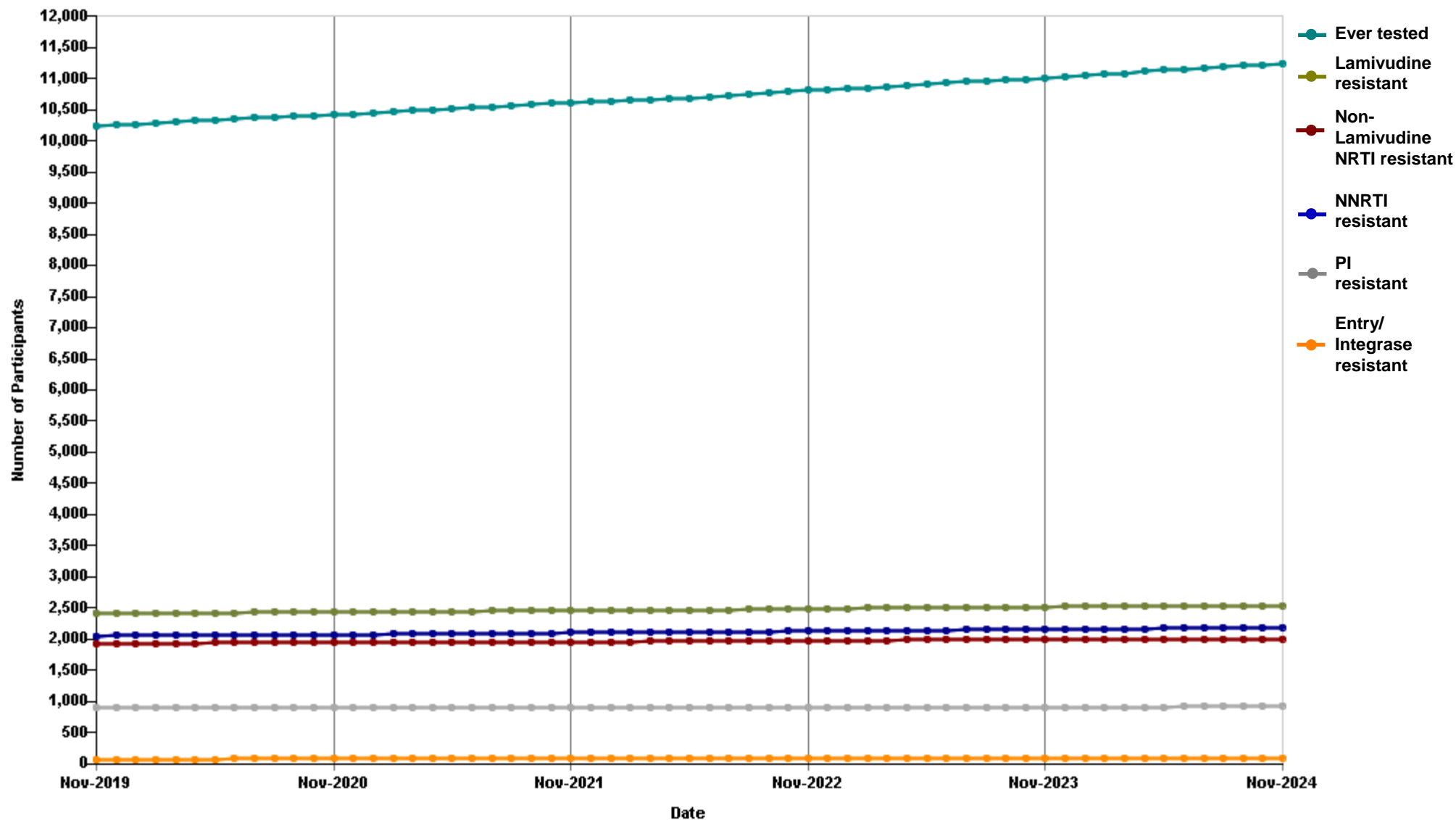


**1.19 DTP Participants with PVL Measurement within previous five years, and never on ART
(November 2019 - November 2024)**



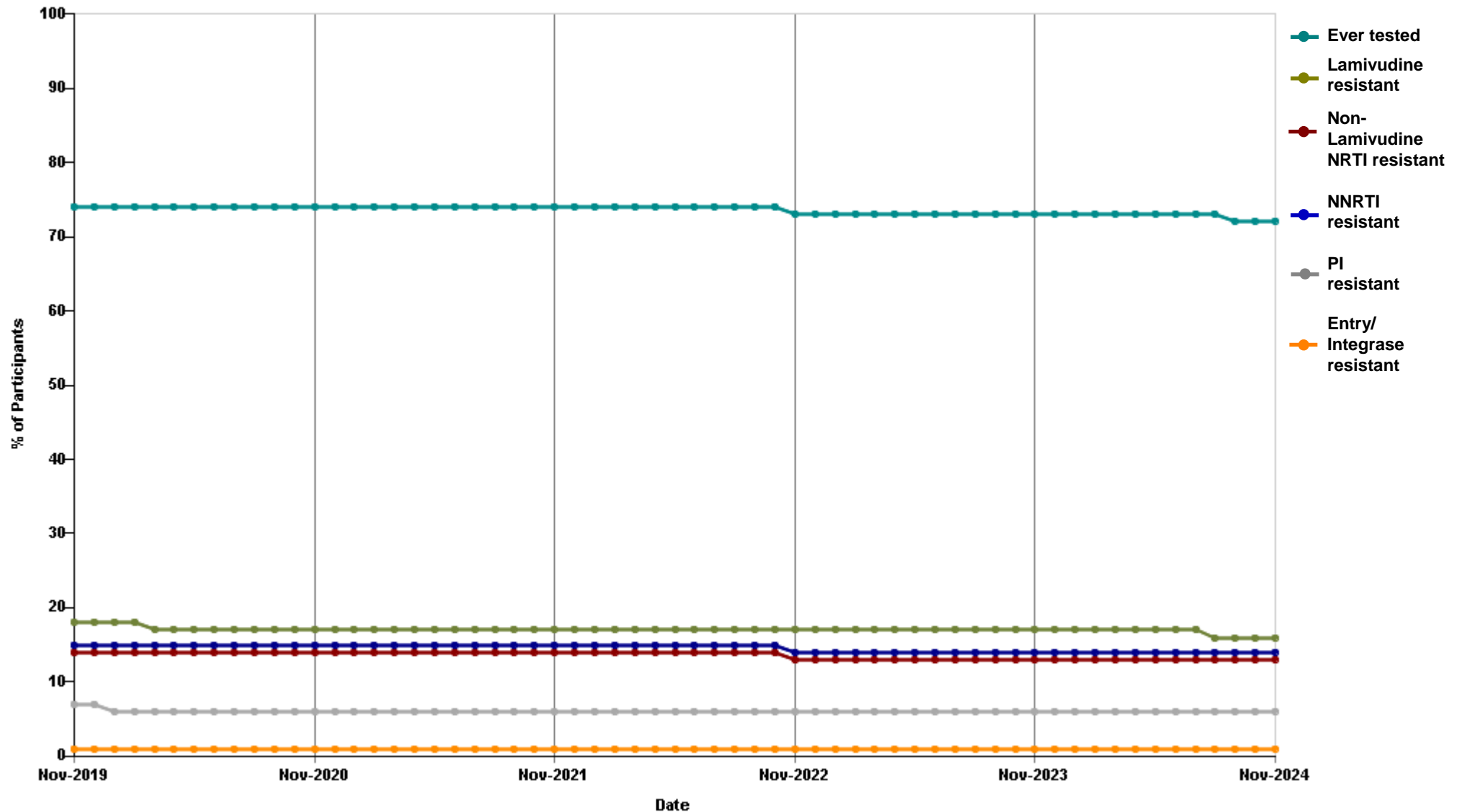


1.20 Cumulative Resistance Testing Results by Resistance Category (November 2019 - November 2024)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (November 2019 - November 2024)





2.1 Duration of ARV treatment in the Province of BC, 1987-2024 (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	29	2	0	2	0		1	<40	3
1988	34	4	0	4	1	510	4	<40	4
1989	31	45	1	46	18	470	43	<40	3
1990	30	45	1	46	20	545	41	<40	3
1991	30	32	3	35	16	580	35	<40	3
1992	30	46	4	50	19	620	43	<40	3
1993	29	110	14	124	61	590	119	<40	3
1994	28	65	9	74	32	540	64	<40	3
1995	28	113	19	132	65	550	125	<40	3
1996	26	284	45	329	155	630	305	<40	3
1997	24	251	27	278	150	600	252	<40	3
1998	23	166	33	199	113	600	179	<40	3
1999	23	138	37	175	104	560	157	<40	3
2000	23	103	28	131	70	665	118	<40	3
2001	23	101	23	124	58	650	107	<40	3
2002	21	110	19	129	69	530	117	<40	3
2003	21	125	25	150	82	615	132	<40	3
2004	20	134	35	169	91	660	149	<40	3
2005	19	161	43	204	117	650	187	<40	3
2006	18	154	41	195	113	600	174	<40	3
2007	17	217	36	253	142	705	229	<40	3
2008	16	259	55	314	186	685	277	<40	3
2009	15	276	61	337	187	650	301	<40	3
2010	14	248	62	310	194	675	282	<40	3
2011	13	293	62	355	196	695	315	<40	3
2012	12	250	61	311	162	725	276	<40	3
2013	11	237	60	297	165	680	262	<40	3
2014	10	255	41	296	147	790	251	<40	3
2015	9	240	43	283	156	705	256	<40	3
2016	8	215	47	262	140	650	225	<40	3
2017	7	193	32	225	128	670	192	<40	3
2018	6	170	41	211	109	760	180	<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, 1987-2024 (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	5	207	40	247	155	690	220	<40	3
2020	4	155	51	206	125	790	172	<40	3
2021	3	183	32	215	126	655	196	<40	3
2022	2	236	49	285	183	680	255	<40	3
2023	1	273	63	336	221	600	316	<40	3
2024	1	286	68	354	273	570	342	<40	3
Total:		6382	1311	7693					

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-2023	7581	793	2051	<40	1320	650
FEB-2023	7521	807	1727	<40	1020	630
MAR-2023	7548	803	1974	<40	1215	640
APR-2023	7553	796	1761	<40	1084	630
MAY-2023	7592	786	1933	<40	1238	645
JUN-2023	7599	787	1841	<40	1098	640
JUL-2023	7577	806	1747	<40	1053	620
AUG-2023	7600	806	1814	<40	1041	630
SEP-2023	7609	797	1775	<40	1068	645
OCT-2023	7610	804	1887	<40	1152	620
NOV-2023	7612	797	1854	<40	1099	650
DEC-2023	7603	801	1549	<40	915	640
JAN-2024	7642	792	1973	<40	1172	650
FEB-2024	7647	784	1772	<40	1038	620
MAR-2024	7636	791	1681	<40	989	650
APR-2024	7671	786	1943	<40	1227	660
MAY-2024	7688	787	1880	<40	1076	660
JUN-2024	7689	784	1696	<40	1019	650
JUL-2024	7719	786	1807	<40	1021	610
AUG-2024	7712	782	1867	<40	1092	653
SEP-2024	7706	790	1659	<40	983	650
OCT-2024	7739	786	2012	<40	1105	650
NOV-2024	7718	790	1777	<40	987	660

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-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	760	218	66	<40	47	560
MAY-2023	726	239	65	<40	48	430
JUN-2023	708	200	57	<40	39	460
JUL-2023	739	182	68	<40	50	565
AUG-2023	738	188	63	<40	40	595
SEP-2023	725	207	55	<40	41	540
OCT-2023	735	209	60	<40	46	625
NOV-2023	742	203	65	<40	46	515
DEC-2023	751	192	47	<40	35	473
JAN-2024	710	219	67	<40	49	520
FEB-2024	707	233	58	<40	41	560
MAR-2024	721	201	66	<40	46	565
APR-2024	703	229	67	<40	56	545
MAY-2024	702	217	57	<40	41	560
JUN-2024	716	194	59	<40	36	459
JUL-2024	706	197	54	<40	29	530
AUG-2024	719	198	70	<40	43	600
SEP-2024	720	185	53	<40	36	595
OCT-2024	710	193	59	<40	40	495
NOV-2024	746	176	62	<40	37	580

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-2023	7550	734	20	10	193	143	40	14767
FEB-2023	7505	787	10	11	158	204	-45	14791
MAR-2023	7532	756	15	21	197	176	27	14825
APR-2023	7531	760	13	11	176	169	-1	14854
MAY-2023	7575	726	7	15	205	165	44	14898
JUN-2023	7577	708	14	17	168	165	3	14933
JUL-2023	7555	739	11	11	164	181	-22	14964
AUG-2023	7577	738	11	13	217	192	22	15009
SEP-2023	7579	725	14	5	179	163	2	15029
OCT-2023	7579	735	18	10	170	160	0	15060
NOV-2023	7578	742	18	9	182	171	-1	15096
DEC-2023	7574	751	14	13	169	169	-4	15129
JAN-2024	7613	710	16	11	204	159	39	15161
FEB-2024	7620	707	17	11	184	165	7	15193
MAR-2024	7616	721	12	14	182	185	-4	15228
APR-2024	7648	703	17	20	197	167	32	15274
MAY-2024	7668	702	12	16	191	173	20	15311
JUN-2024	7681	716	5	23	173	176	13	15354
JUL-2024	7699	706	15	10	185	160	18	15387
AUG-2024	7690	719	13	16	163	166	-9	15420
SEP-2024	7684	720	9	7	183	182	-6	15449
OCT-2024	7718	710	8	17	200	169	34	15491
NOV-2024	7693	746	12	10	175	194	-25	15519

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-2023	721	6371	445	44	7581	9.51%	84.04%	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	765	6307	440	41	7553	10.13%	83.50%	5.83%	0.54%	100.00%
MAY-2023	802	6314	435	41	7592	10.56%	83.17%	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	866	6240	448	46	7600	11.39%	82.11%	5.89%	0.61%	100.00%
SEP-2023	881	6250	432	46	7609	11.58%	82.14%	5.68%	0.60%	100.00%
OCT-2023	899	6237	433	41	7610	11.81%	81.96%	5.69%	0.54%	100.00%
NOV-2023	920	6210	441	41	7612	12.09%	81.58%	5.79%	0.54%	100.00%
DEC-2023	938	6191	434	40	7603	12.34%	81.43%	5.71%	0.53%	100.00%
JAN-2024	954	6214	432	42	7642	12.48%	81.31%	5.65%	0.55%	100.00%
FEB-2024	974	6198	436	39	7647	12.74%	81.05%	5.70%	0.51%	100.00%
MAR-2024	993	6159	440	44	7636	13.00%	80.66%	5.76%	0.58%	100.00%
APR-2024	1003	6185	437	46	7671	13.08%	80.63%	5.70%	0.60%	100.00%
MAY-2024	1026	6189	434	39	7688	13.35%	80.50%	5.65%	0.51%	100.00%
JUN-2024	1035	6183	429	42	7689	13.46%	80.41%	5.58%	0.55%	100.00%
JUL-2024	1062	6186	434	37	7719	13.76%	80.14%	5.62%	0.48%	100.00%
AUG-2024	1083	6159	431	39	7712	14.04%	79.86%	5.59%	0.51%	100.00%
SEP-2024	1126	6111	426	43	7706	14.61%	79.30%	5.53%	0.56%	100.00%
OCT-2024	1171	6099	428	41	7739	15.13%	78.81%	5.53%	0.53%	100.00%
NOV-2024	1179	6083	417	39	7718	15.28%	78.82%	5.40%	0.51%	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-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%	2909 39%	1 2%	1935 26%	0 0%	14 0%	34 76%	3717 50%	9 20%	969 13%	41 91%	4561 61%
SEP-2023	2 10%	2902 39%	1 5%	1910 26%	0 0%	13 0%	15 75%	3746 50%	3 15%	954 13%	18 90%	4578 61%
OCT-2023	2 6%	2904 39%	1 3%	1895 25%	0 0%	14 0%	23 74%	3766 50%	6 19%	935 13%	29 94%	4573 61%
NOV-2023	1 3%	2891 39%	0 0%	1866 25%	0 0%	15 0%	27 77%	3783 51%	7 20%	918 12%	34 97%	4585 61%
DEC-2023	6 18%	2874 39%	4 12%	1831 25%	0 0%	13 0%	25 76%	3820 51%	3 9%	895 12%	27 82%	4595 62%
JAN-2024	9 29%	2881 38%	8 26%	1831 24%	0 0%	13 0%	21 68%	3866 52%	2 6%	890 12%	22 71%	4633 62%
FEB-2024	7 22%	2868 38%	4 13%	1795 24%	0 0%	13 0%	22 69%	3896 52%	3 9%	864 12%	25 78%	4641 62%
MAR-2024	2 6%	2845 38%	0 0%	1759 23%	0 0%	13 0%	30 86%	3927 52%	3 9%	844 11%	33 94%	4656 62%
APR-2024	10 22%	2844 38%	5 11%	1742 23%	0 0%	13 0%	34 74%	3969 53%	3 7%	843 11%	36 78%	4691 62%
MAY-2024	4 11%	2822 37%	1 3%	1706 23%	0 0%	12 0%	31 84%	4019 53%	2 5%	832 11%	33 89%	4735 63%
JUN-2024	2 5%	2817 37%	2 5%	1691 22%	0 0%	13 0%	37 86%	4049 54%	4 9%	801 11%	41 95%	4740 63%
JUL-2024	4 13%	2812 37%	1 3%	1667 22%	0 0%	13 0%	24 75%	4079 54%	4 13%	800 11%	28 88%	4765 63%
AUG-2024	2 6%	2796 37%	0 0%	1633 22%	0 0%	13 0%	29 88%	4100 54%	3 9%	783 10%	31 94%	4775 63%
SEP-2024	4 14%	2799 37%	0 0%	1602 21%	0 0%	13 0%	22 76%	4118 54%	4 14%	771 10%	25 86%	4776 63%
OCT-2024	2 5%	2790 37%	1 2%	1556 21%	0 0%	13 0%	39 93%	4178 55%	2 5%	757 10%	40 95%	4821 64%
NOV-2024	7 26%	2745 36%	5 19%	1500 20%	0 0%	11 0%	19 70%	4199 55%	3 11%	743 10%	20 74%	4832 64%

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

	atazanavir		darunavir		lopinavir		ritonavir		tipranavir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2023	0 0%	339 25%	1 100%	993 72%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
FEB-2023	0 0%	321 24%	0 0%	953 73%	0 0%	43 3%	0 0%	1 0%	0 0%	1 0%
MAR-2023	0 0%	317 24%	1 100%	952 73%	0 0%	42 3%	0 0%	1 0%	0 0%	1 0%
APR-2023	0 0%	305 23%	1 100%	957 74%	0 0%	41 3%	0 0%	1 0%	0 0%	1 0%
MAY-2023	0 0%	303 23%	2 100%	951 74%	0 0%	39 3%	0 0%	1 0%	0 0%	1 0%
JUN-2023	0 0%	294 23%	0 0%	936 74%	0 0%	39 3%	0 0%	1 0%	0 0%	1 0%
JUL-2023	0 0%	283 23%	3 100%	927 74%	0 0%	38 3%	0 0%	1 0%	0 0%	1 0%
AUG-2023	0 0%	276 23%	3 100%	914 75%	0 0%	36 3%	0 0%	0 0%	0 0%	0 0%
SEP-2023	0 0%	271 22%	0 0%	909 75%	0 0%	35 3%	0 0%	0 0%	0 0%	0 0%
OCT-2023	1 50%	273 23%	1 50%	893 75%	0 0%	35 3%	0 0%	0 0%	0 0%	0 0%
NOV-2023	1 33%	260 22%	2 67%	890 75%	0 0%	35 3%	0 0%	0 0%	0 0%	0 0%
DEC-2023	0 0%	248 21%	1 100%	876 76%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
JAN-2024	0 0%	241 21%	3 100%	866 76%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
FEB-2024	0 0%	229 21%	0 0%	852 77%	0 0%	31 3%	0 0%	0 0%	0 0%	0 0%
MAR-2024	0 0%	225 21%	1 100%	840 77%	0 0%	30 3%	0 0%	0 0%	0 0%	0 0%
APR-2024	0 0%	224 21%	3 100%	835 77%	0 0%	31 3%	0 0%	0 0%	0 0%	0 0%
MAY-2024	0 0%	221 20%	1 100%	828 77%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
JUN-2024	1 50%	214 20%	1 50%	813 77%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
JUL-2024	0 0%	216 21%	0 0%	805 77%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
AUG-2024	0 0%	208 20%	0 0%	785 77%	0 0%	31 3%	0 0%	0 0%	0 0%	0 0%
SEP-2024	0 0%	203 20%	1 100%	775 77%	0 0%	27 3%	0 0%	0 0%	0 0%	0 0%
OCT-2024	0 0%	197 20%	2 100%	759 77%	0 0%	27 3%	0 0%	0 0%	0 0%	0 0%
NOV-2024	0 0%	190 20%	1 100%	746 78%	0 0%	28 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-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%	91 10%	0 0%	223 23%	0 0%	182 19%
SEP-2023	0 0%	236 25%	0 0%	218 23%	0 0%	88 9%	1 100%	220 23%	0 0%	177 19%
OCT-2023	0 0%	238 26%	2 100%	216 23%	0 0%	89 10%	0 0%	220 24%	0 0%	173 19%
NOV-2023	0 0%	242 26%	0 0%	209 23%	1 50%	88 9%	0 0%	219 24%	1 50%	173 19%
DEC-2023	1 50%	250 27%	0 0%	205 22%	0 0%	87 9%	0 0%	213 23%	1 50%	176 19%
JAN-2024	0 0%	250 27%	0 0%	200 22%	0 0%	83 9%	0 0%	208 23%	2 100%	181 20%
FEB-2024	0 0%	257 28%	0 0%	192 21%	0 0%	82 9%	0 0%	207 23%	0 0%	182 20%
MAR-2024	0 0%	260 28%	1 100%	190 21%	0 0%	80 9%	0 0%	205 22%	0 0%	181 20%
APR-2024	0 0%	261 29%	0 0%	190 21%	0 0%	82 9%	0 0%	203 22%	0 0%	180 20%
MAY-2024	0 0%	262 29%	0 0%	186 21%	0 0%	80 9%	0 0%	205 23%	0 0%	175 19%
JUN-2024	0 0%	262 29%	0 0%	182 20%	0 0%	79 9%	0 0%	198 22%	0 0%	172 19%
JUL-2024	0 0%	270 30%	0 0%	176 20%	0 0%	78 9%	0 0%	194 22%	1 100%	172 19%
AUG-2024	0 0%	272 31%	0 0%	174 20%	0 0%	78 9%	0 0%	187 21%	0 0%	171 19%
SEP-2024	0 0%	275 31%	2 100%	172 19%	0 0%	77 9%	0 0%	185 21%	0 0%	179 20%
OCT-2024	0 0%	283 32%	0 0%	168 19%	0 0%	74 8%	0 0%	177 20%	0 0%	175 20%
NOV-2024	1 50%	287 34%	0 0%	163 19%	0 0%	72 8%	0 0%	159 19%	1 50%	173 20%

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





2.9 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-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%	3258	52%	0	0%	7	0%	6	14%	2495	40%	1	2%	245	4%	0	0%	2	0%	0	0%	18	0%	2	5%	253	4%
SEP-2023	15	79%	3289	52%	0	0%	8	0%	4	21%	2500	40%	0	0%	238	4%	0	0%	2	0%	0	0%	18	0%	0	0%	249	4%
OCT-2023	22	76%	3298	52%	0	0%	7	0%	7	24%	2523	40%	0	0%	241	4%	0	0%	2	0%	0	0%	18	0%	0	0%	248	4%
NOV-2023	27	82%	3327	53%	0	0%	9	0%	6	18%	2518	40%	0	0%	233	4%	0	0%	1	0%	0	0%	17	0%	0	0%	244	4%
DEC-2023	24	77%	3365	53%	0	0%	13	0%	7	23%	2506	40%	0	0%	226	4%	0	0%	2	0%	0	0%	16	0%	0	0%	237	4%
JAN-2024	20	65%	3418	53%	1	3%	16	0%	10	32%	2520	39%	0	0%	224	4%	0	0%	2	0%	0	0%	18	0%	0	0%	234	4%
FEB-2024	21	66%	3453	54%	0	0%	15	0%	10	31%	2516	39%	0	0%	219	3%	0	0%	2	0%	0	0%	18	0%	1	3%	231	4%
MAR-2024	30	88%	3498	54%	0	0%	17	0%	4	12%	2500	39%	0	0%	220	3%	0	0%	3	0%	0	0%	17	0%	0	0%	225	3%
APR-2024	34	76%	3546	55%	0	0%	17	0%	11	24%	2497	38%	0	0%	216	3%	0	0%	2	0%	0	0%	18	0%	0	0%	225	3%
MAY-2024	29	78%	3587	55%	0	0%	19	0%	8	22%	2488	38%	0	0%	213	3%	0	0%	2	0%	0	0%	15	0%	0	0%	222	3%
JUN-2024	37	88%	3616	55%	0	0%	21	0%	5	12%	2488	38%	0	0%	207	3%	0	0%	2	0%	0	0%	17	0%	0	0%	218	3%
JUL-2024	22	67%	3652	55%	1	3%	25	0%	6	18%	2500	38%	4	12%	212	3%	0	0%	2	0%	0	0%	17	0%	0	0%	213	3%
AUG-2024	29	88%	3686	56%	0	0%	26	0%	4	12%	2487	38%	0	0%	204	3%	0	0%	2	0%	0	0%	17	0%	0	0%	207	3%
SEP-2024	21	78%	3705	56%	0	0%	32	0%	5	19%	2498	38%	1	4%	200	3%	0	0%	2	0%	0	0%	16	0%	0	0%	206	3%
OCT-2024	39	93%	3765	56%	0	0%	34	1%	3	7%	2511	38%	0	0%	198	3%	0	0%	2	0%	0	0%	15	0%	0	0%	200	3%
NOV-2024	19	70%	3797	57%	1	4%	34	1%	7	26%	2490	37%	0	0%	192	3%	0	0%	2	0%	0	0%	16	0%	0	0%	194	3%

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		3 drugs from 3 classes		Other	
	n	%	n	%	n	%	n	%	n	%	n	%
JAN-2023	750	9.89	665	8.77	4728	62.37	718	9.47	649	8.56	71	0.94
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	8.65	4736	62.70	762	10.09	634	8.39	64	0.85
MAY-2023	706	9.30	644	8.48	4752	62.59	800	10.54	627	8.26	63	0.83
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	8.46	621	8.17	4773	62.80	864	11.37	632	8.32	67	0.88
SEP-2023	639	8.40	616	8.10	4793	62.99	879	11.55	617	8.11	65	0.85
OCT-2023	615	8.08	611	8.03	4808	63.18	897	11.79	618	8.12	61	0.80
NOV-2023	611	8.03	599	7.87	4799	63.05	918	12.06	624	8.20	61	0.80
DEC-2023	593	7.80	596	7.84	4808	63.24	936	12.31	614	8.08	56	0.74
JAN-2024	583	7.63	585	7.66	4856	63.54	952	12.46	609	7.97	57	0.75
FEB-2024	564	7.38	586	7.66	4861	63.57	971	12.70	609	7.96	56	0.73
MAR-2024	543	7.11	580	7.60	4846	63.46	991	12.98	618	8.09	58	0.76
APR-2024	538	7.01	570	7.43	4885	63.68	1000	13.04	621	8.10	57	0.74
MAY-2024	536	6.97	566	7.36	4903	63.77	1023	13.31	607	7.90	53	0.69
JUN-2024	526	6.84	556	7.23	4912	63.88	1033	13.43	606	7.88	56	0.73
JUL-2024	520	6.74	541	7.01	4940	64.00	1060	13.73	605	7.84	53	0.69
AUG-2024	506	6.56	537	6.96	4936	64.00	1081	14.02	602	7.81	50	0.65
SEP-2024	486	6.31	530	6.88	4918	63.82	1124	14.59	596	7.73	52	0.67
OCT-2024	469	6.06	512	6.62	4946	63.91	1168	15.09	596	7.70	48	0.62
NOV-2024	466	6.04	491	6.36	4955	64.20	1176	15.24	583	7.55	47	0.61

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-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	11	1	2	3	2	3	260
AUG-2023	13	2	1	4	2	2	255
SEP-2023	5	1	1	0	0	3	616
OCT-2023	10	0	1	3	2	3	390
NOV-2023	9	1	1	0	2	4	575
DEC-2023	13	1	0	3	0	8	592
JAN-2024	11	2	2	2	1	3	287
FEB-2024	11	1	2	4	2	1	281
MAR-2024	14	3	2	1	1	5	345
APR-2024	20	0	4	6	1	9	364
MAY-2024	16	2	3	3	1	6	320
JUN-2024	23	1	1	10	4	7	340
JUL-2024	10	0	1	3	3	2	374
AUG-2024	16	3	2	4	3	4	330
SEP-2024	7	0	1	4	1	1	280
OCT-2024	17	6	0	4	3	4	298
NOV-2024	10	3	0	3	2	2	290

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-2023	12447	3802
FEB-2023	12435	3787
MAR-2023	12442	3786
APR-2023	12417	3752
MAY-2023	12425	3730
JUN-2023	12398	3692
JUL-2023	12425	3715
AUG-2023	12422	3697
SEP-2023	12409	3685
OCT-2023	12393	3661
NOV-2023	12378	3647
DEC-2023	12399	3655
JAN-2024	12409	3664
FEB-2024	12422	3671
MAR-2024	12454	3686
APR-2024	12479	3691
MAY-2024	12487	3688
JUN-2024	12497	3668
JUL-2024	12494	3663
AUG-2024	12480	3643
SEP-2024	12501	3663
OCT-2024	12506	3646
NOV-2024	12504	3639

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





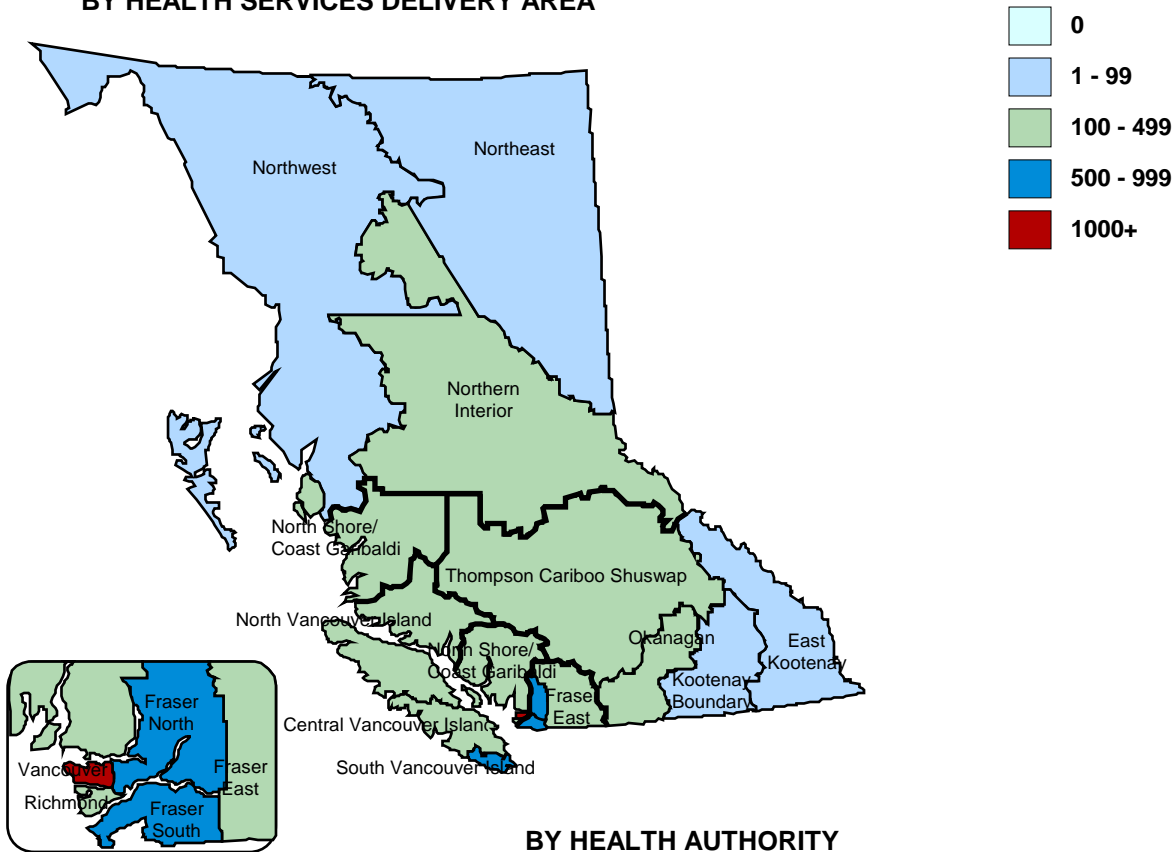
HIV/AIDS Drug Treatment Program

Monthly Report

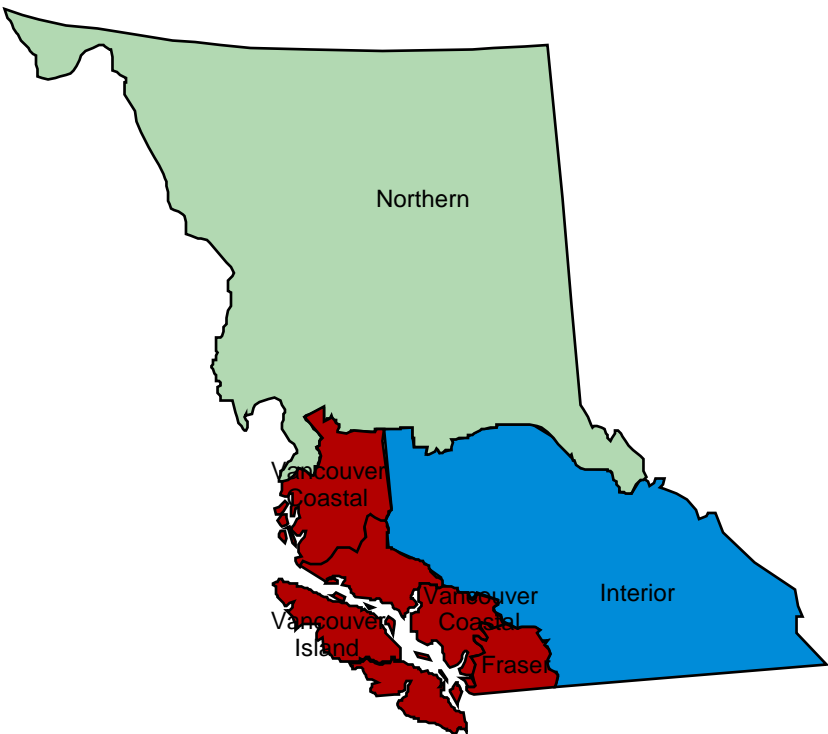
3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7718

Nov-2024

BY HEALTH SERVICES DELIVERY AREA



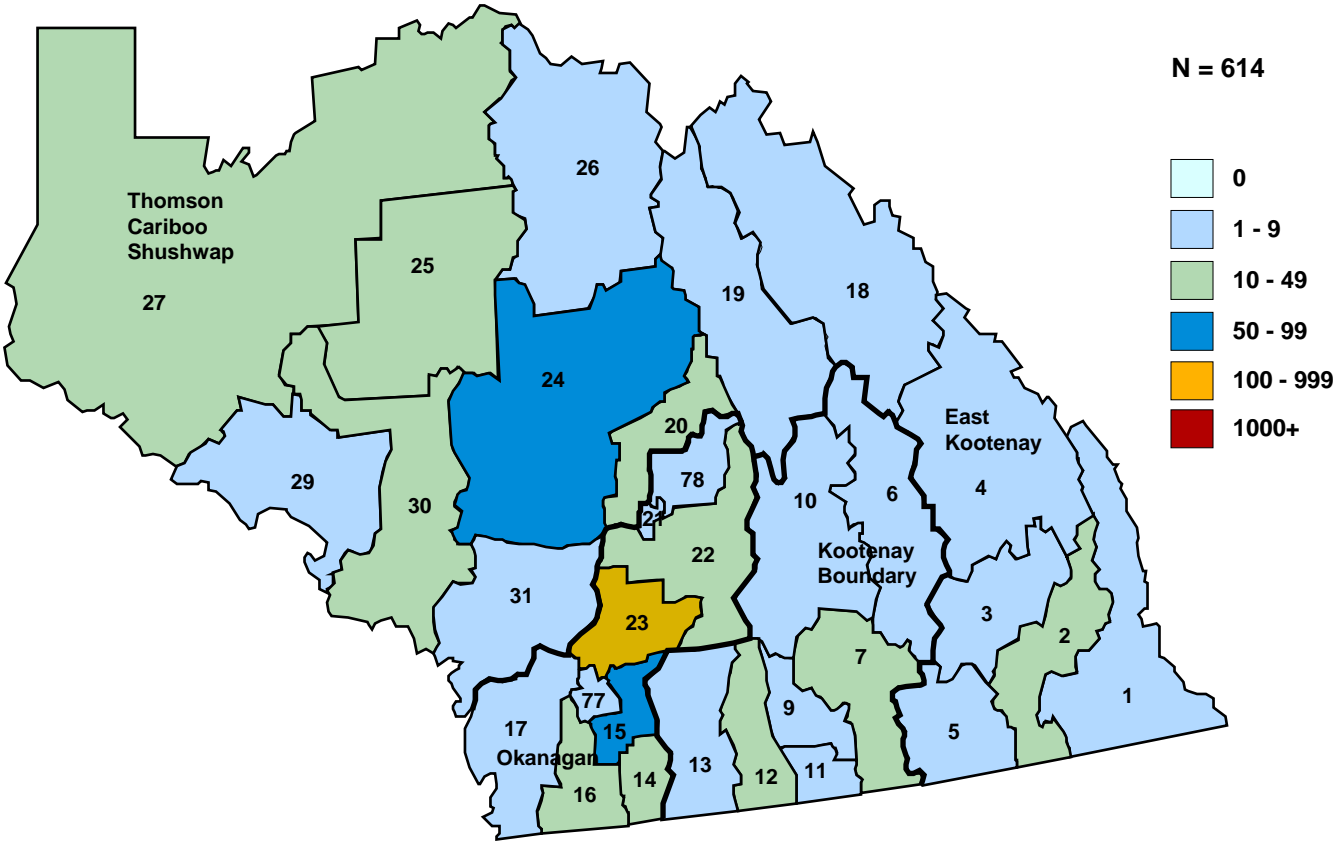
BY HEALTH AUTHORITY



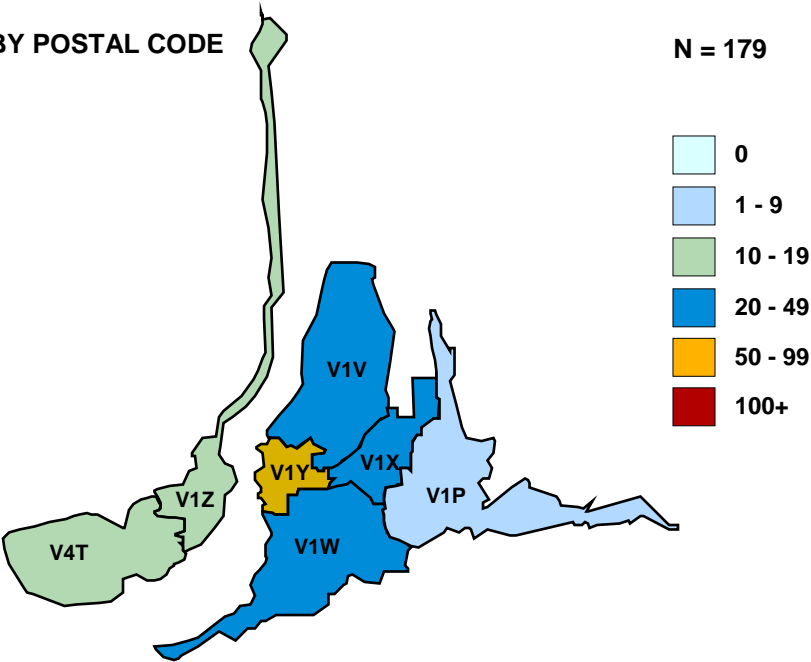


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2024

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



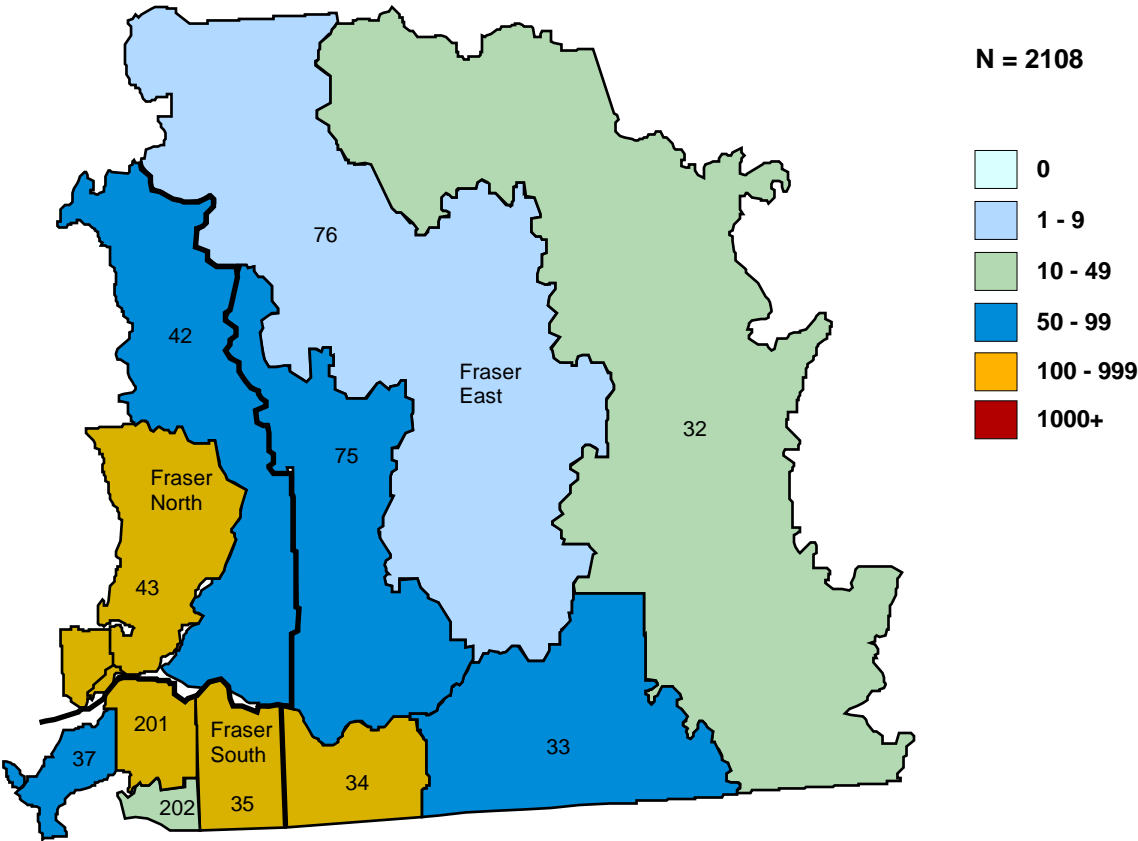
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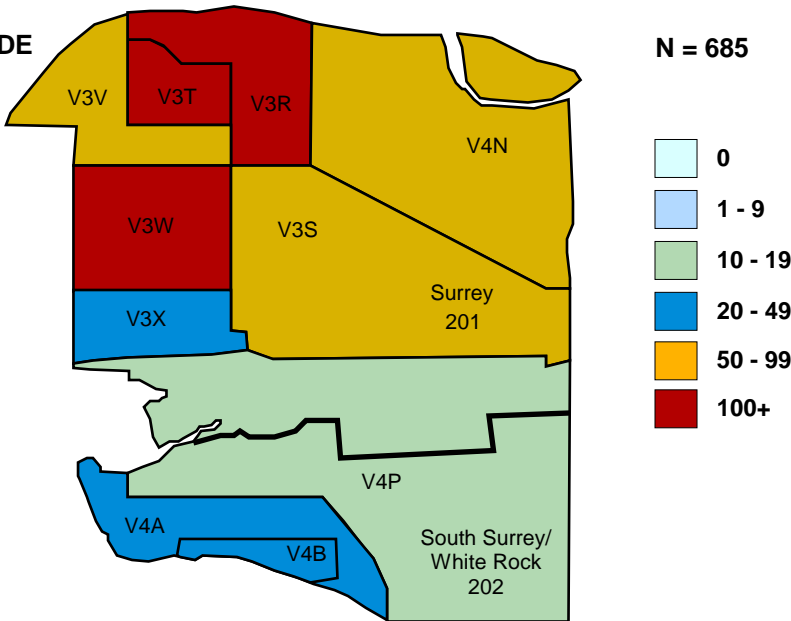


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2024

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



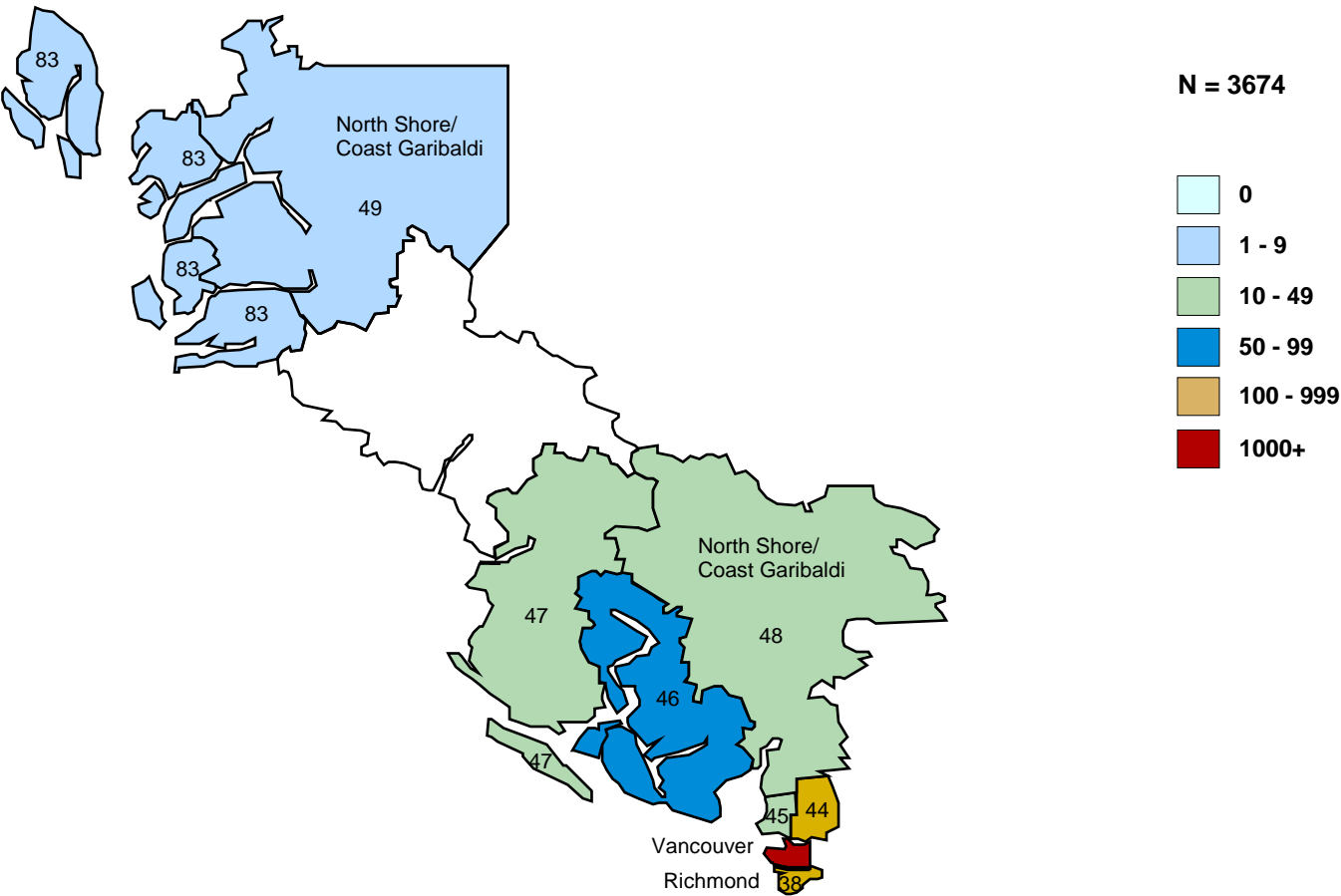
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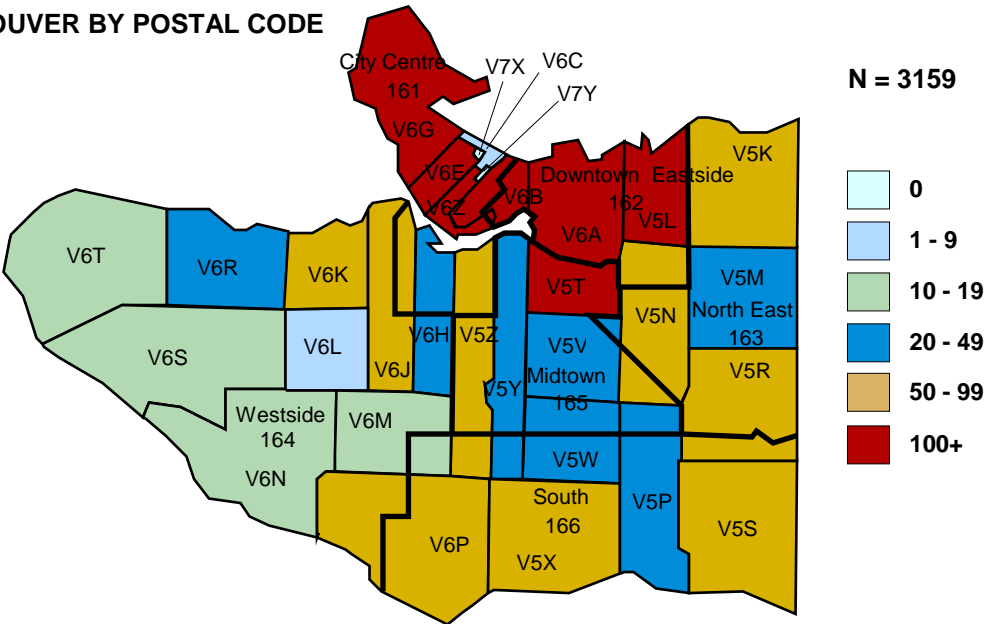


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2024

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



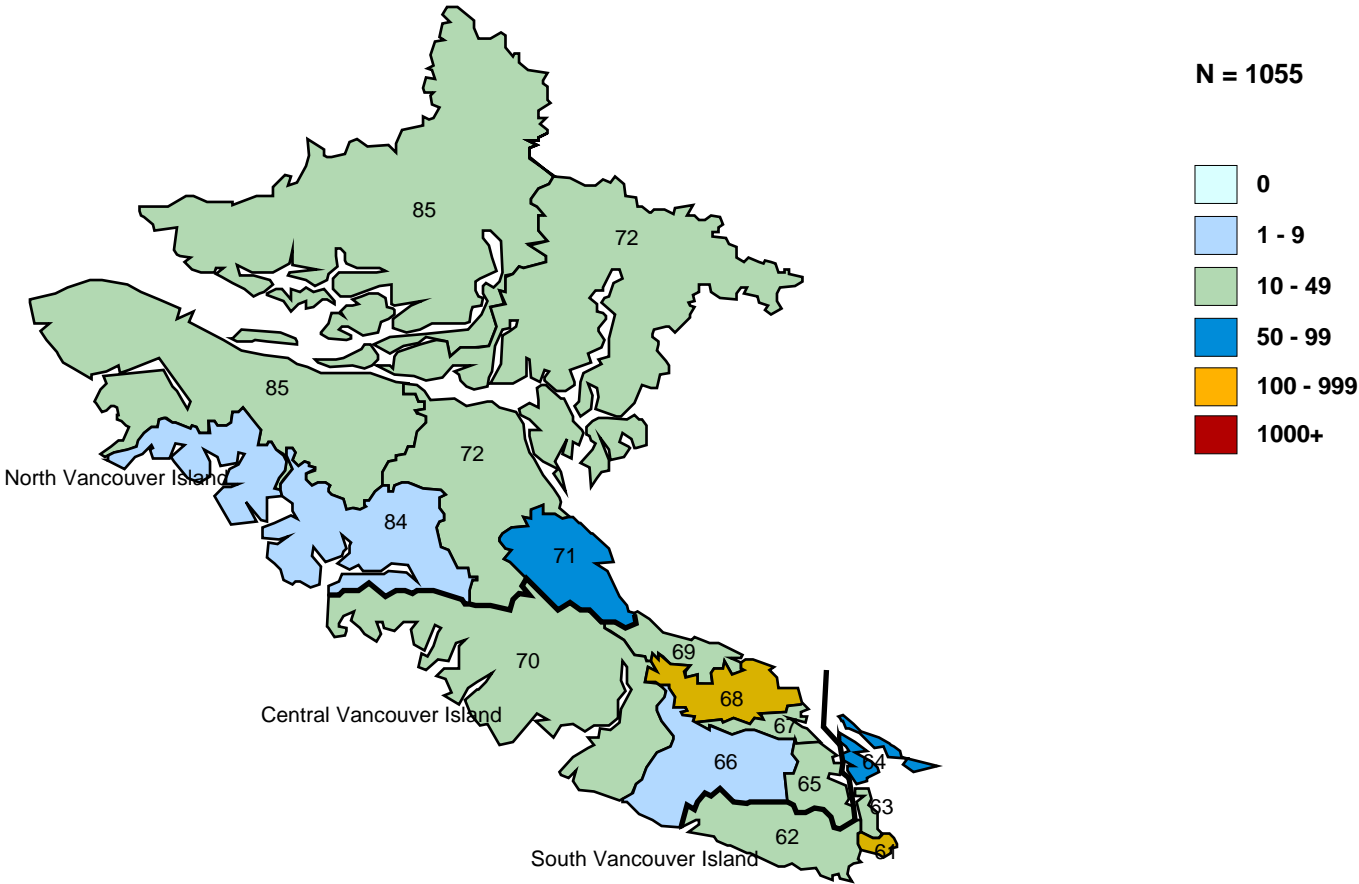
VANCOUVER BY POSTAL CODE



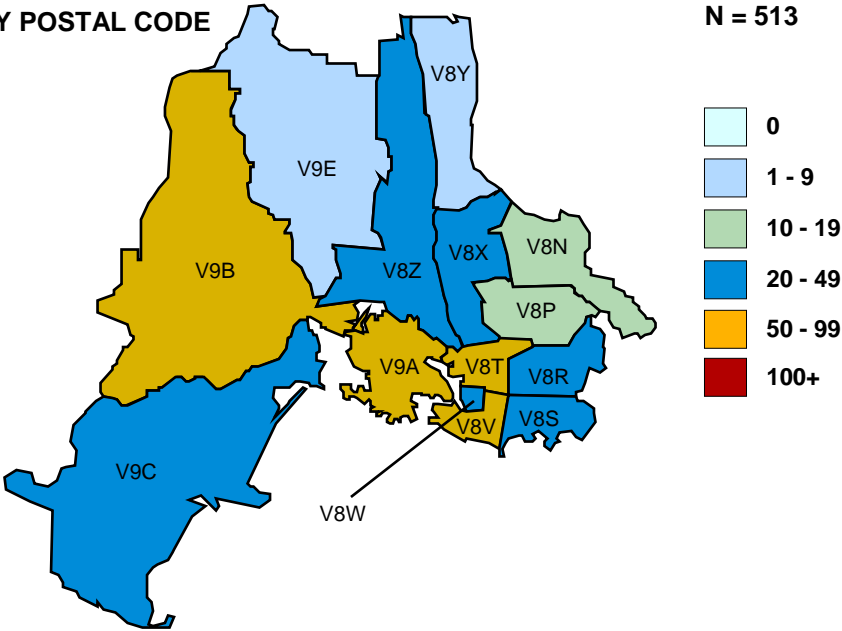


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2024

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



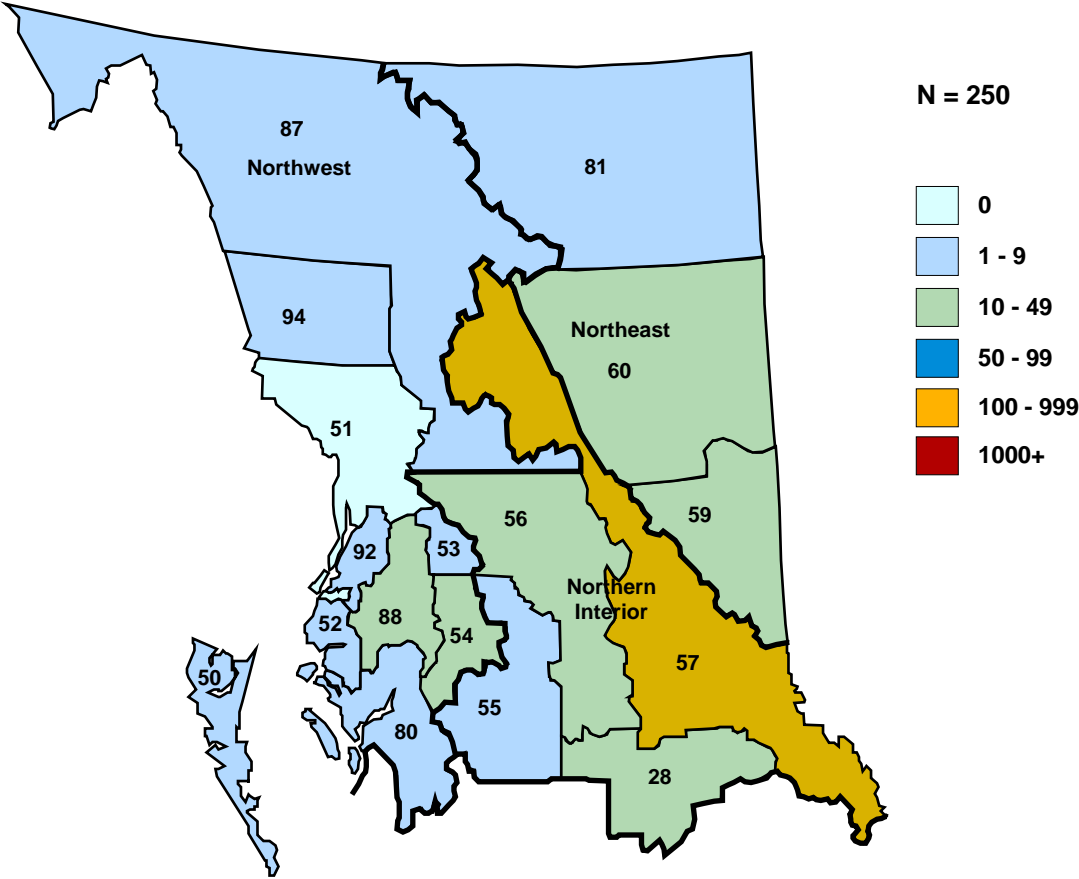
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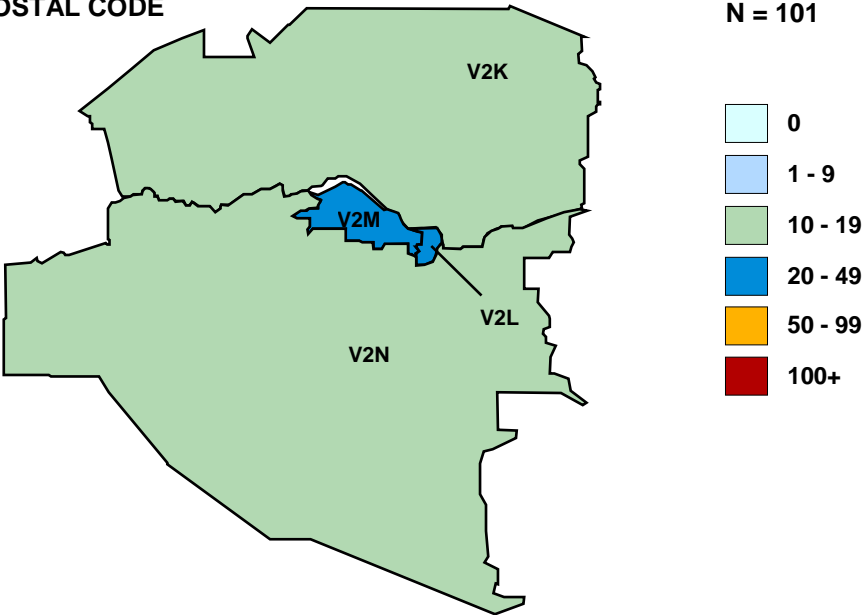


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2024

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	5	5	5
	35-49	12	12	6
	50+	33	50	20
	Total HSDA:	50	67	31
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	74	105	54
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	475	643	355
THOMPSON/CARIBOO/ SHUSWAP	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	236	329	174
Total HA:		835	1144	614

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	5	5	5
	20-34	83	84	61
	35-49	198	215	144
	50+	549	840	404
Total HA:		835	1144	614

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	163	227	117
Male	672	917	497

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	614	56	670	<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	28	13
	5 years or more	13	10
	<5 years	9	8
	Total HSDA:	50	31
KOOTENAY BOUNDARY	10 years or more	54	38
	5 years or more	11	8
	<5 years	9	8
	Total HSDA:	74	54
OKANAGAN	10 years or more	305	226
	5 years or more	84	61
	<5 years	86	68
	Total HSDA:	475	355
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	143	107
	5 years or more	42	26
	<5 years	51	41
	Total HSDA:	236	174
Total HA:		835	614

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	530	384
	5 years or more	150	105
	<5 years	155	125
Total HA:		835	614

* 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	54	101	13	30
KOOTENAY BOUNDARY	77	139	20	42
OKANAGAN	244	1101	52	326
THOMPSON/CARIBOO/SHUSWAP	152	586	30	139
Total:	527	1927	115	537

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	128

* 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	6	6	5
	20-34	51	52	39
	35-49	110	114	74
	50+	281	393	211
	Total HSDA:	448	565	329
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	1185	1609	888
FRASER SOUTH	0-19	7	7	6
	20-34	138	143	120
	35-49	310	337	247
	50+	663	1015	518
	Total HSDA:	1118	1502	891
Total HA:		2751	3676	2108

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	17	17	15
	20-34	324	332	270
	35-49	777	833	590
	50+	1633	2494	1233
Total HA:		2751	3676	2108

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	656	844	496
Male	2095	2832	1612

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	2108	53	670	<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	288	215
	5 years or more	78	46
	<5 years	82	68
	Total HSDA:	448	329
FRASER NORTH	10 years or more	753	537
	5 years or more	213	164
	<5 years	219	187
	Total HSDA:	1185	888
FRASER SOUTH	10 years or more	674	512
	5 years or more	198	154
	<5 years	246	225
	Total HSDA:	1118	891
Total HA:		2751	2108

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1715	1264
	5 years or more	489	364
	<5 years	547	480
Total HA:		2751	2108

* 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	155	562	34	66
FRASER NORTH	269	1661	32	238
FRASER SOUTH	235	1922	44	538
Total:	659	4145	110	842

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	216
FRASER NORTH	731
FRASER SOUTH	481
Total:	1428

* 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:	373	552	290
RICHMOND	20-34	28	29	22
	35-49	60	61	44
	50+	127	184	104
	Total HSDA:	215	274	170
VANCOUVER	0-19	8	8	7
	20-34	388	401	291
	35-49	1213	1354	823
	50+	3001	5485	2093
	Total HSDA:	4610	7248	3214
Total HA:		5198	8074	3674

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	11
	20-34	445	459	330
	35-49	1353	1501	927
	50+	3388	6102	2406
Total HA:		5198	8074	3674

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	584	978	450
Male	4614	7096	3224

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3674	56	670	<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	265	206
	5 years or more	51	42
	<5 years	57	42
	Total HSDA:	373	290
RICHMOND	10 years or more	123	95
	5 years or more	37	27
	<5 years	55	48
	Total HSDA:	215	170
VANCOUVER	10 years or more	3315	2262
	5 years or more	700	482
	<5 years	595	470
	Total HSDA:	4610	3214
Total HA:		5198	3674

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3703	2563
	5 years or more	788	551
	<5 years	707	560
Total HA:		5198	3674

* 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	197	575	38	59
RICHMOND	48	332	10	107
VANCOUVER	709	12115	209	5430
Total:	954	13022	257	5596

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	63

* 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:	365	540	292
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	143	198	116
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	858	1227	647
Total HA:		1366	1965	1055

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	6
	20-34	104	110	65
	35-49	311	347	242
	50+	945	1502	742
Total HA:		1366	1965	1055

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	224	328	170
Male	1142	1637	885

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1055	57	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	241	193
	5 years or more	69	50
	<5 years	55	49
	Total HSDA:	365	292
NORTH VANCOUVER ISLAND	10 years or more	105	87
	5 years or more	24	15
	<5 years	14	14
	Total HSDA:	143	116
SOUTH VANCOUVER ISLAND	10 years or more	543	400
	5 years or more	157	117
	<5 years	158	130
	Total HSDA:	858	647
Total HA:		1366	1055

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	889	680
	5 years or more	250	182
	<5 years	227	193
Total HA:		1366	1055

* 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	213	959	69	205
NORTH VANCOUVER ISLAND	158	366	30	65
SOUTH VANCOUVER ISLAND	236	2053	43	604
Total:	607	3378	142	874

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	85
NORTH VANCOUVER ISLAND	49
SOUTH VANCOUVER ISLAND	131
Total:	265

* 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	5
	35-49	20	23	13
	50+	32	42	20
	Total HSDA:	60	73	38
NORTH WEST	20-34	*	5	*
	35-49	*	37	*
	50+	*	88	*
	Total HSDA:	82	130	61
NORTHERN INTERIOR	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	207	315	151
Total HA:		349	518	250

Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
0-19	*	*	*
20-34	*	*	*
35-49	*	*	*
50+	*	*	*
Total HA:	349	518	250

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	118	181	80
Male	231	337	170

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	250	53	575	<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	32	*
	5 years or more	8	*
	<5 years	20	*
	Total HSDA:	60	38
NORTH WEST	10 years or more	57	41
	5 years or more	12	8
	<5 years	13	12
	Total HSDA:	82	61
NORTHERN INTERIOR	10 years or more	127	96
	5 years or more	50	31
	<5 years	30	24
	Total HSDA:	207	151
Total HA:		349	250

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	216	154
	5 years or more	70	43
	<5 years	63	53
Total HA:		349	250

* 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	3	*
NORTH WEST	89	172	14	*
NORTHERN INTERIOR	129	524	24	*
Total:	257	747	41	235

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	7
NORTH WEST	26
NORTHERN INTERIOR	20
Total:	53

* 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	6	12	5
	KOOTENAY BOUNDARY	6	9	5
	OKANAGAN	30	51	17
	THOMPSON/CARIBOO/SHUSWAP	27	58	19
	Total HA:	69	130	46
FRASER	FRASER EAST	35	52	26
	FRASER NORTH	49	93	40
	FRASER SOUTH	79	118	55
	Total HA:	163	263	121
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	30	57	*
	RICHMOND	5	11	*
	VANCOUVER	428	917	*
	Total HA:	463	985	367
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	49	85	41
	NORTH VANCOUVER ISLAND	16	31	13
	SOUTH VANCOUVER ISLAND	49	98	37
	Total HA:	114	214	91
NORTHERN	NORTH EAST	14	18	10
	NORTH WEST	38	74	28
	NORTHERN INTERIOR	73	125	54
	Total HA:	125	217	92
Total:		934	1809	717

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	598	1165	453
Female	336	644	264

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	717	54	550	<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 of 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.





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.





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.

