



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

September 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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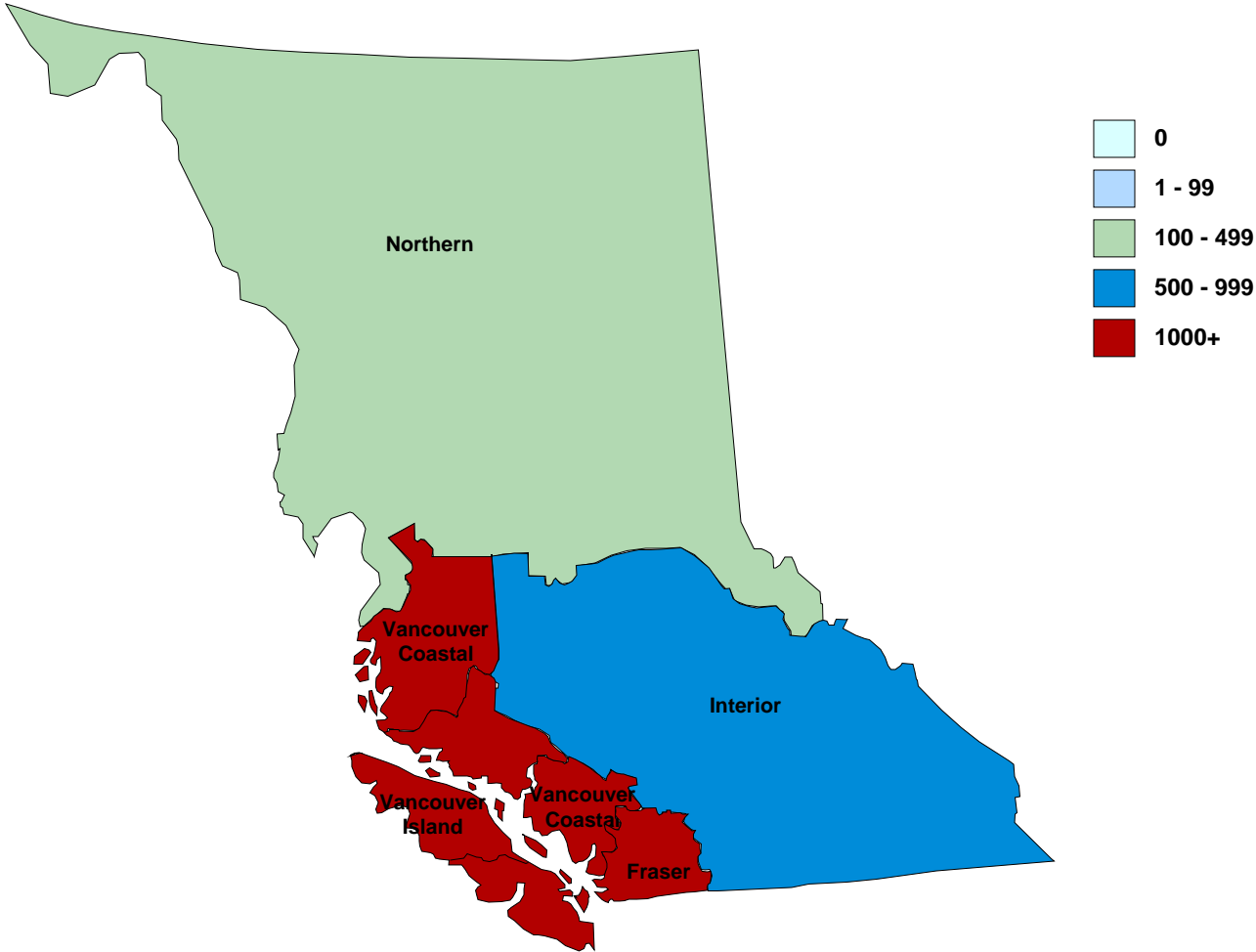




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

September 2024

N = 7714



Health Authority	Male	Female	All
FRASER	1607	504	2111
INTERIOR	492	114	606
NORTHERN	166	80	246
VANCOUVER COASTAL	3235	440	3675
VANCOUVER ISLAND	888	170	1058
	6388	1308	7696
		Unknown/not stated:	18
		Total:	7714

Definitions:

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

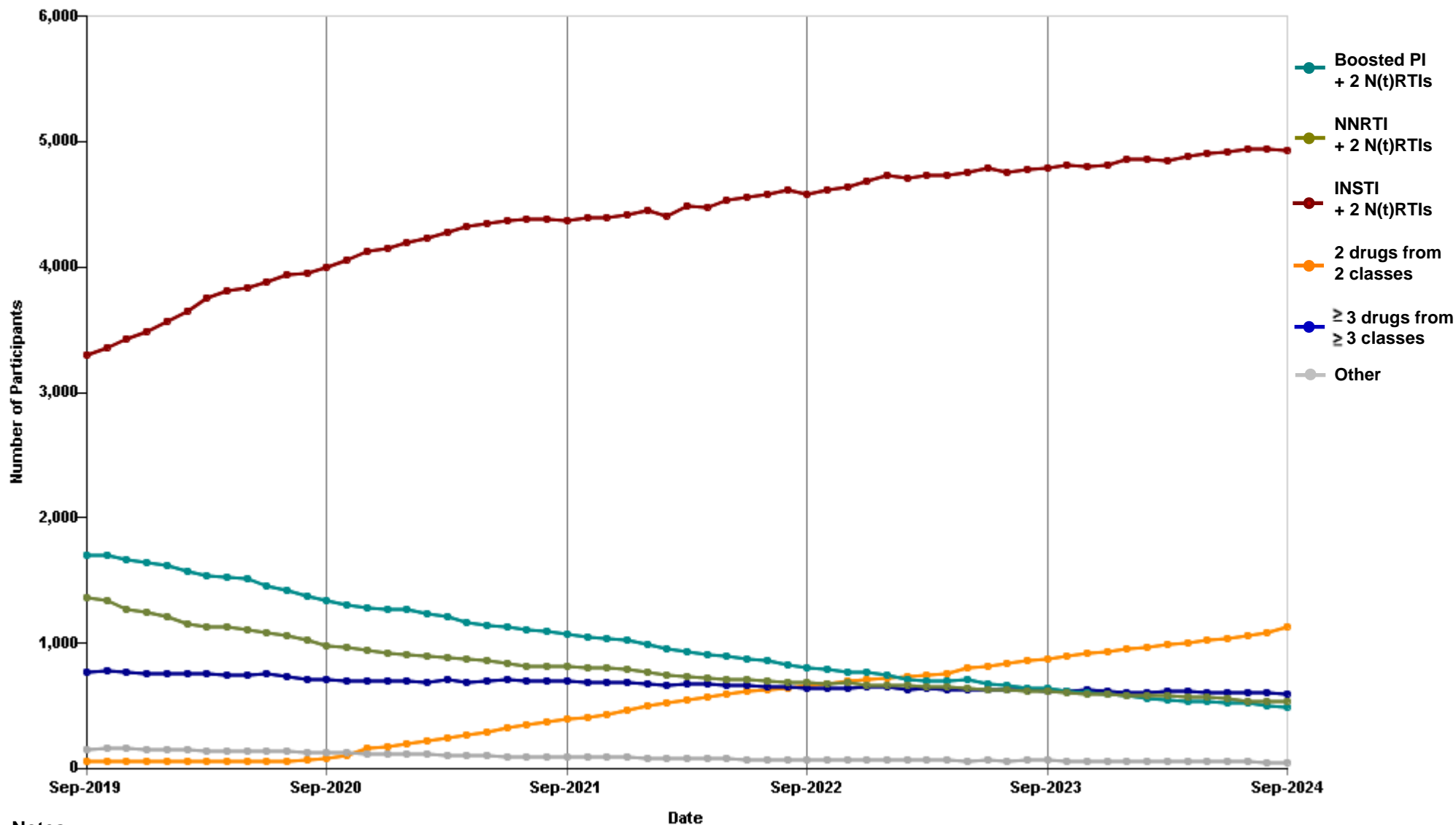
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (September 2019 - September 2024)



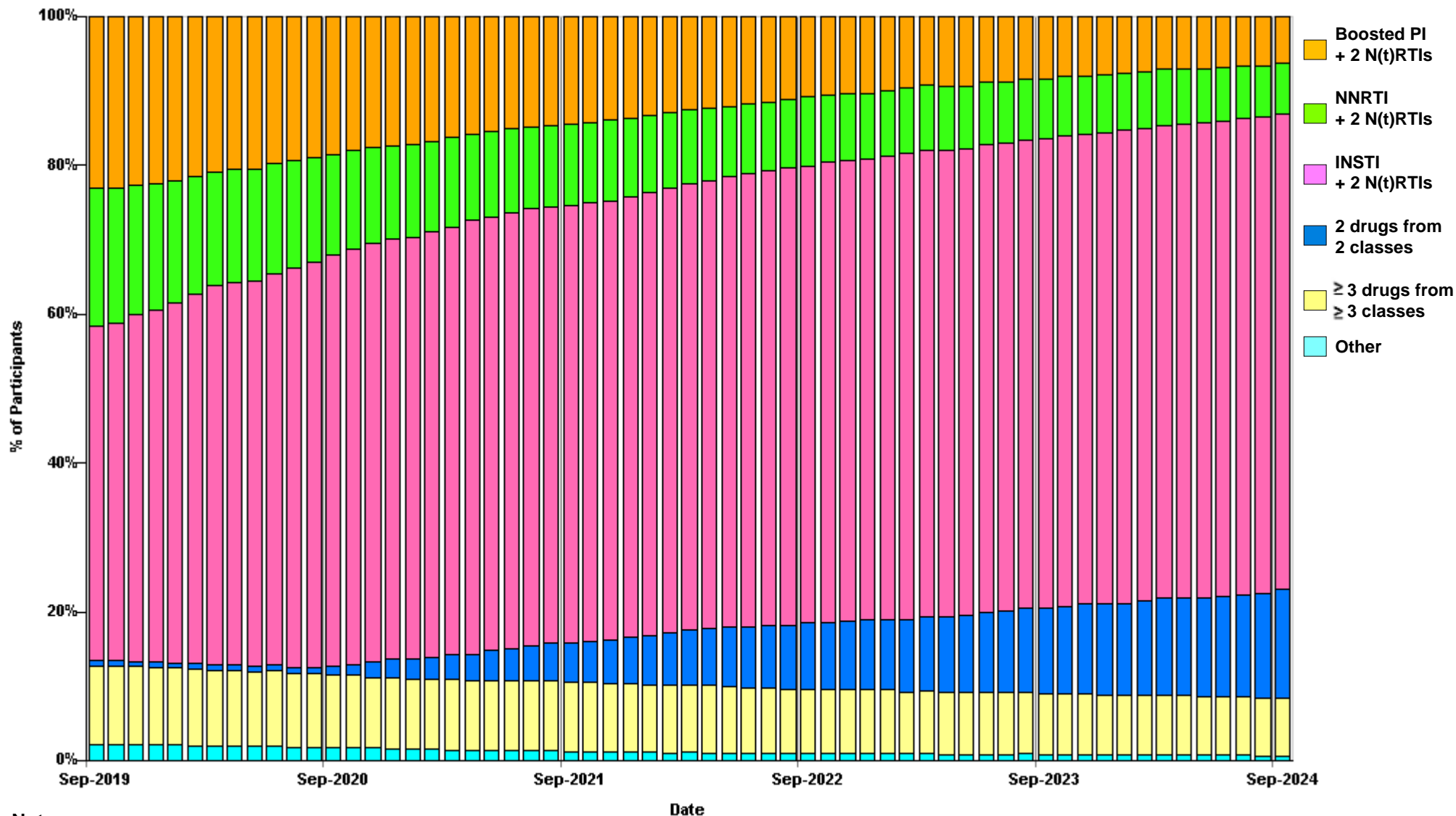
Notes:

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 (September 2019 - September 2024)

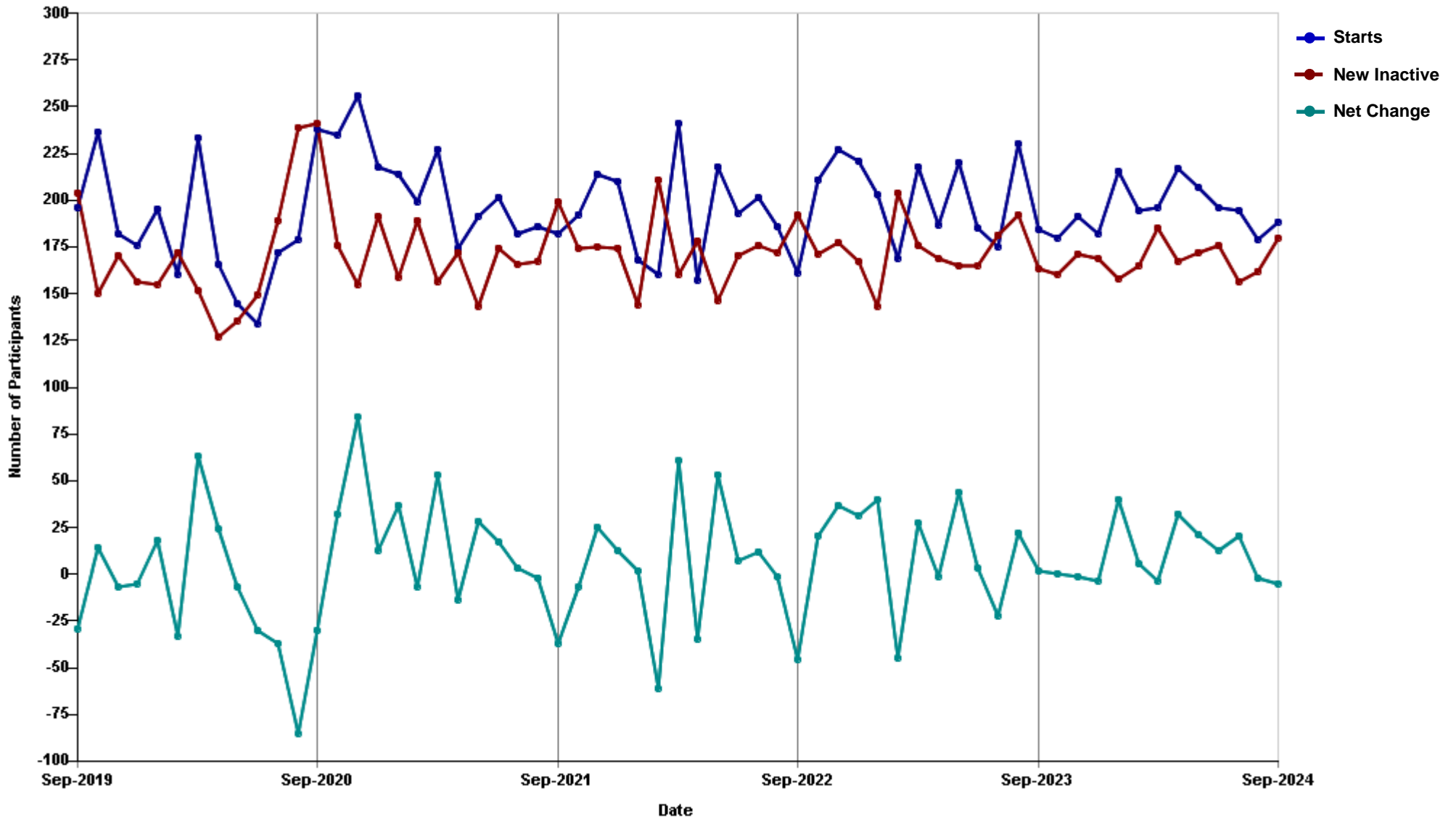


Notes: Regimen categories may contain a small number of participants with undetermined regimen, due to medication change(s) within the month



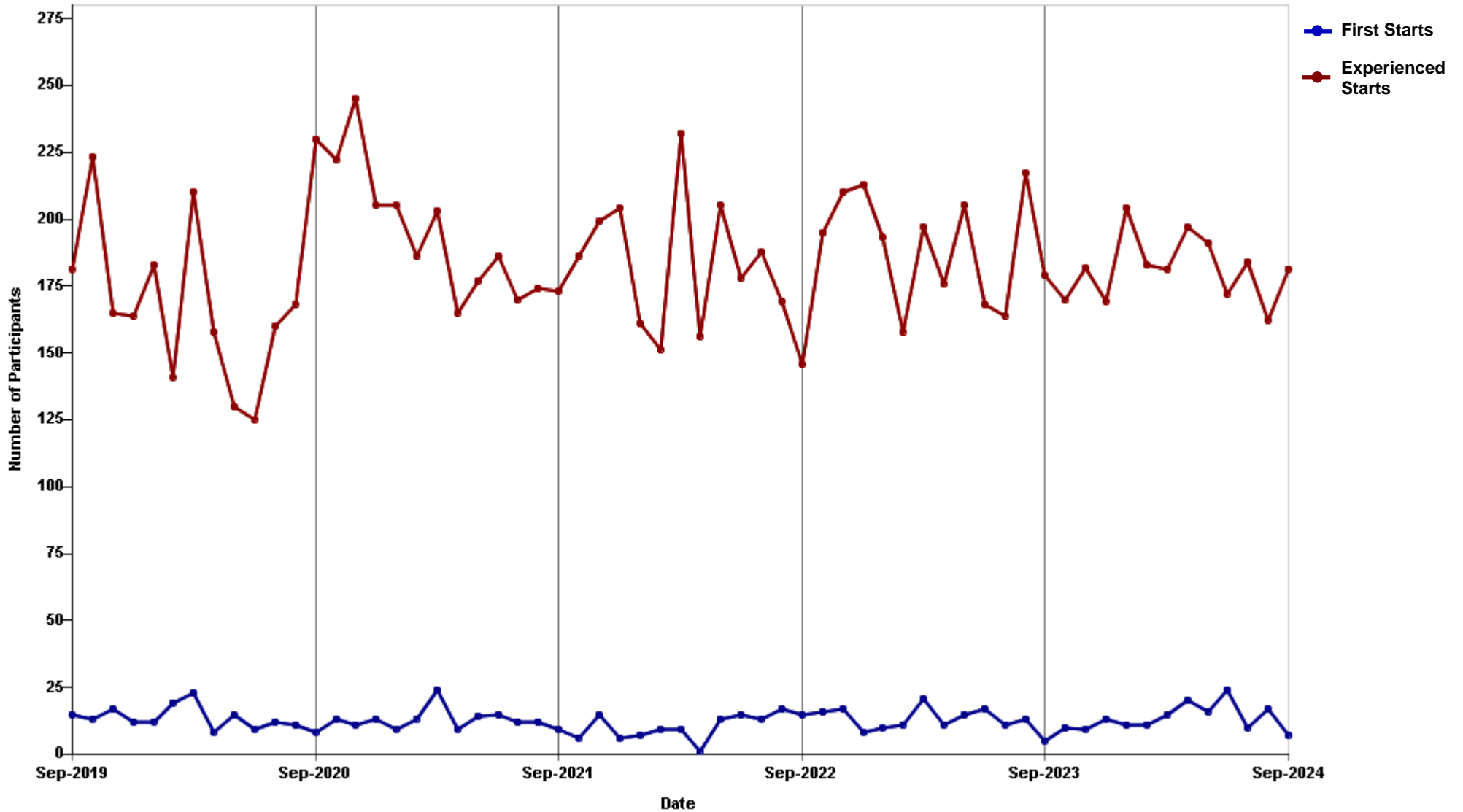


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (September 2019 - September 2024)



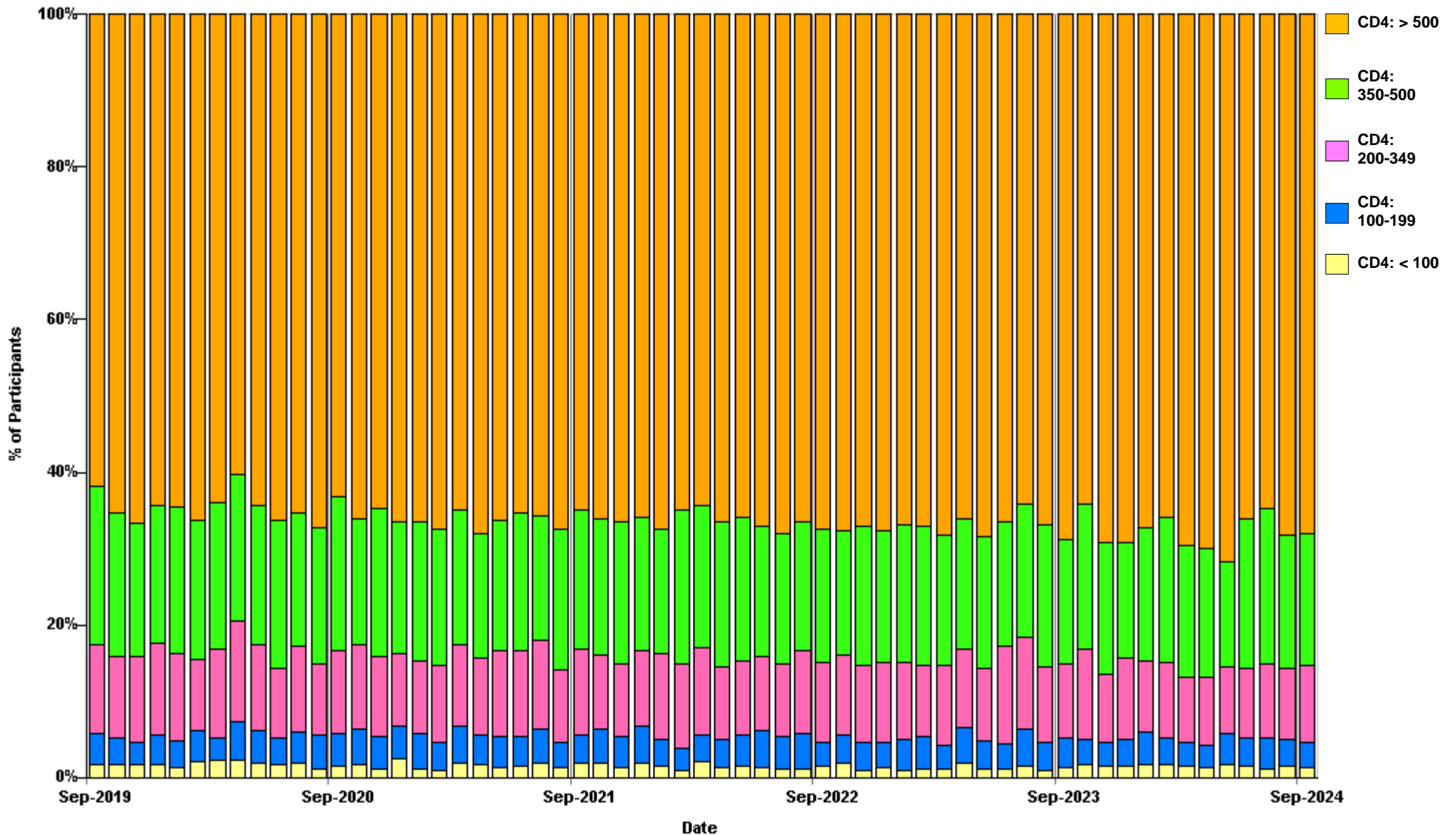


1.5 BC-CfE Enrolment: New Antiretroviral Participants
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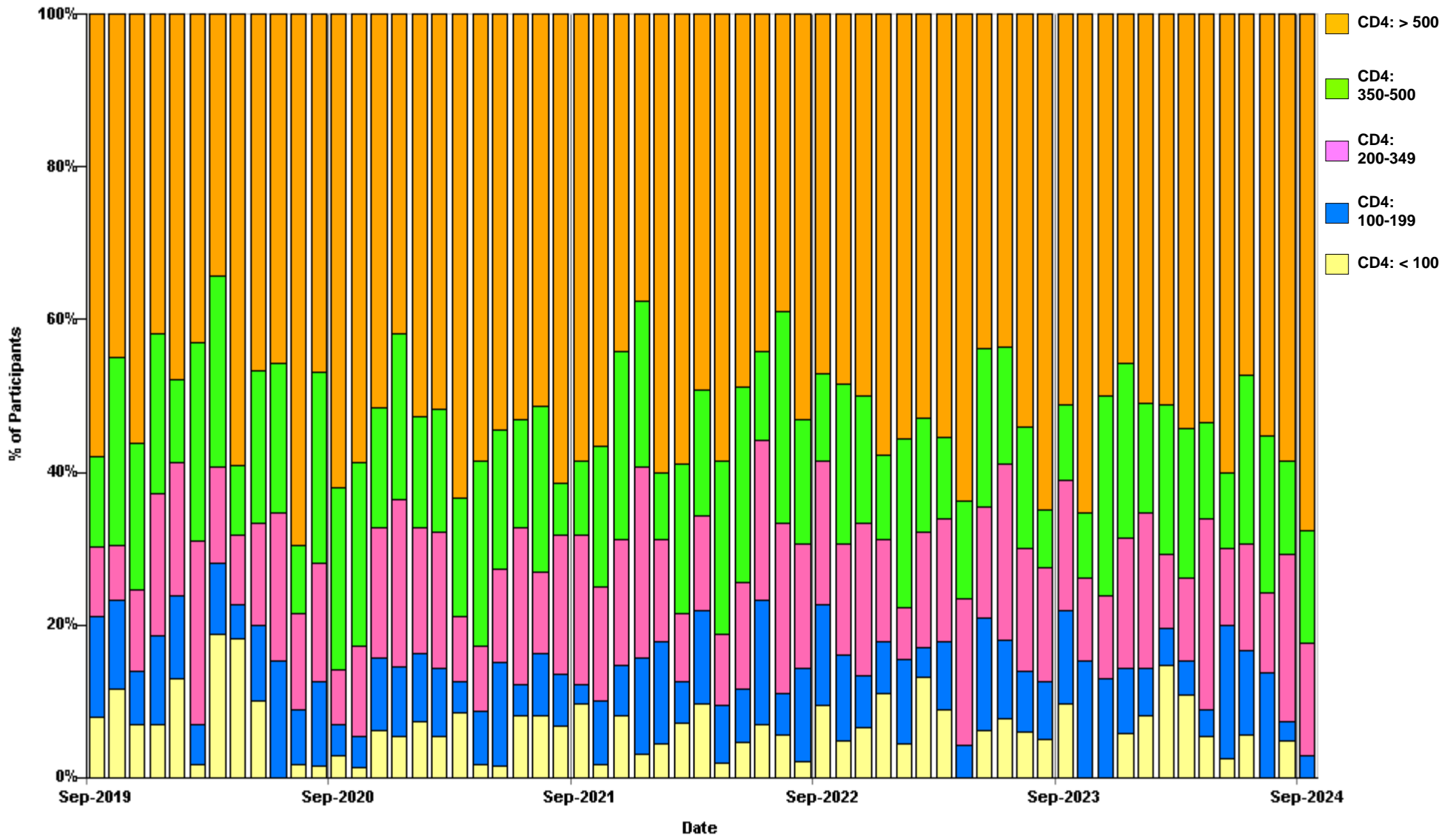


1.6 Percent Distribution of Active Participants by CD4 Count (September 2019 - September 2024)



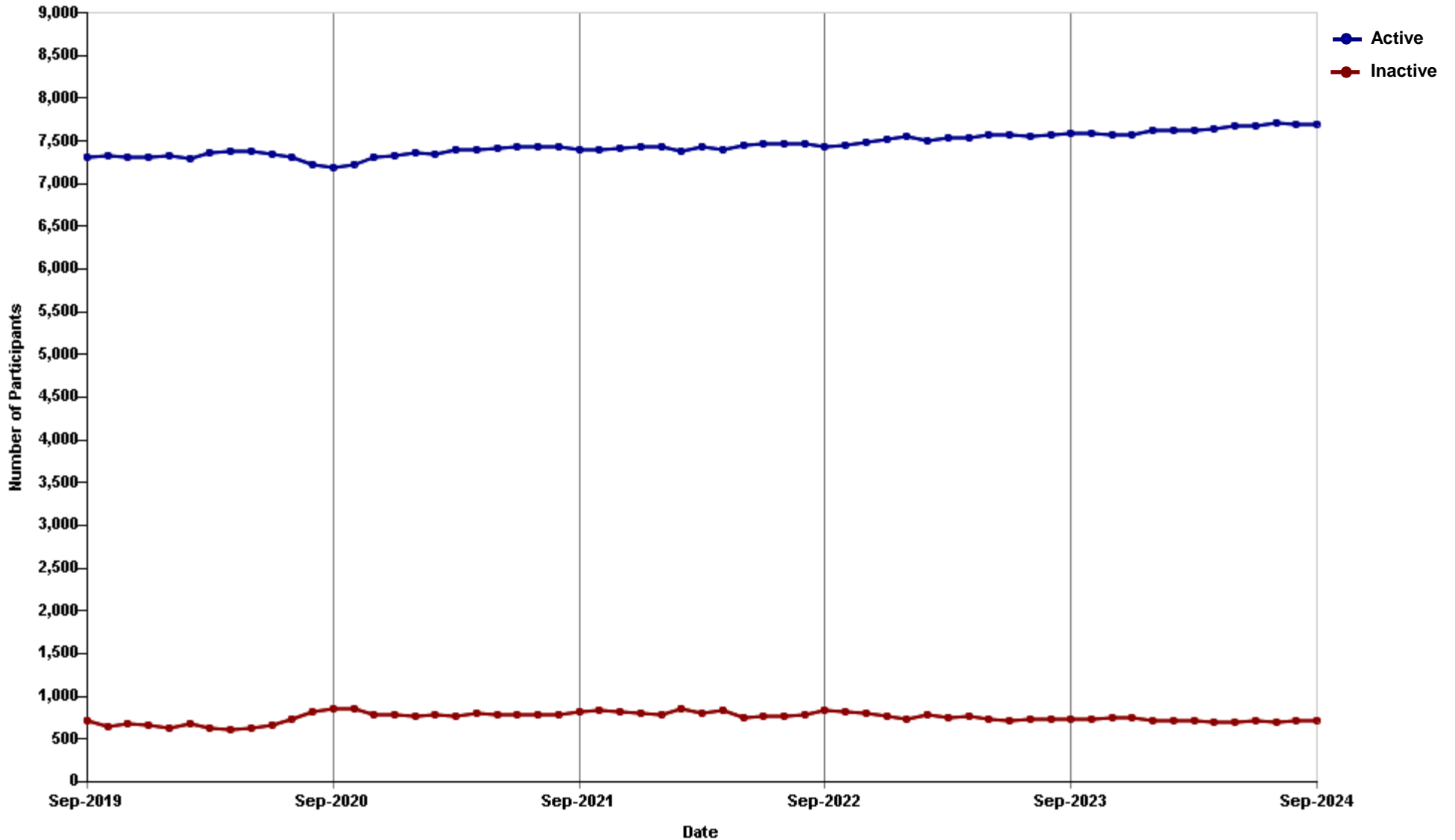


1.7 Percent Distribution of Inactive Participants by CD4 Count (September 2019 - September 2024)



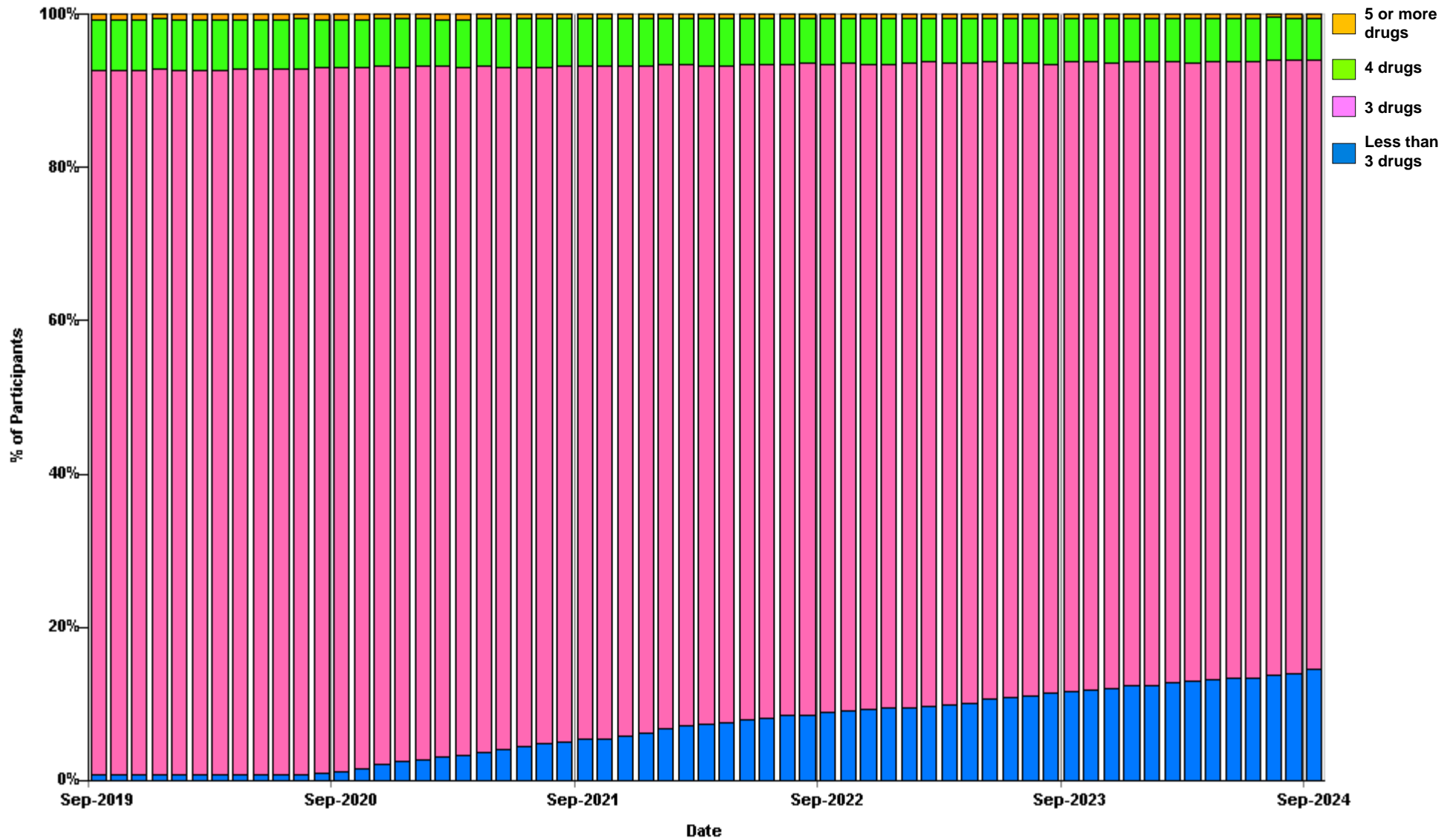


1.8 Active and Inactive Participants (September 2019 - September 2024)



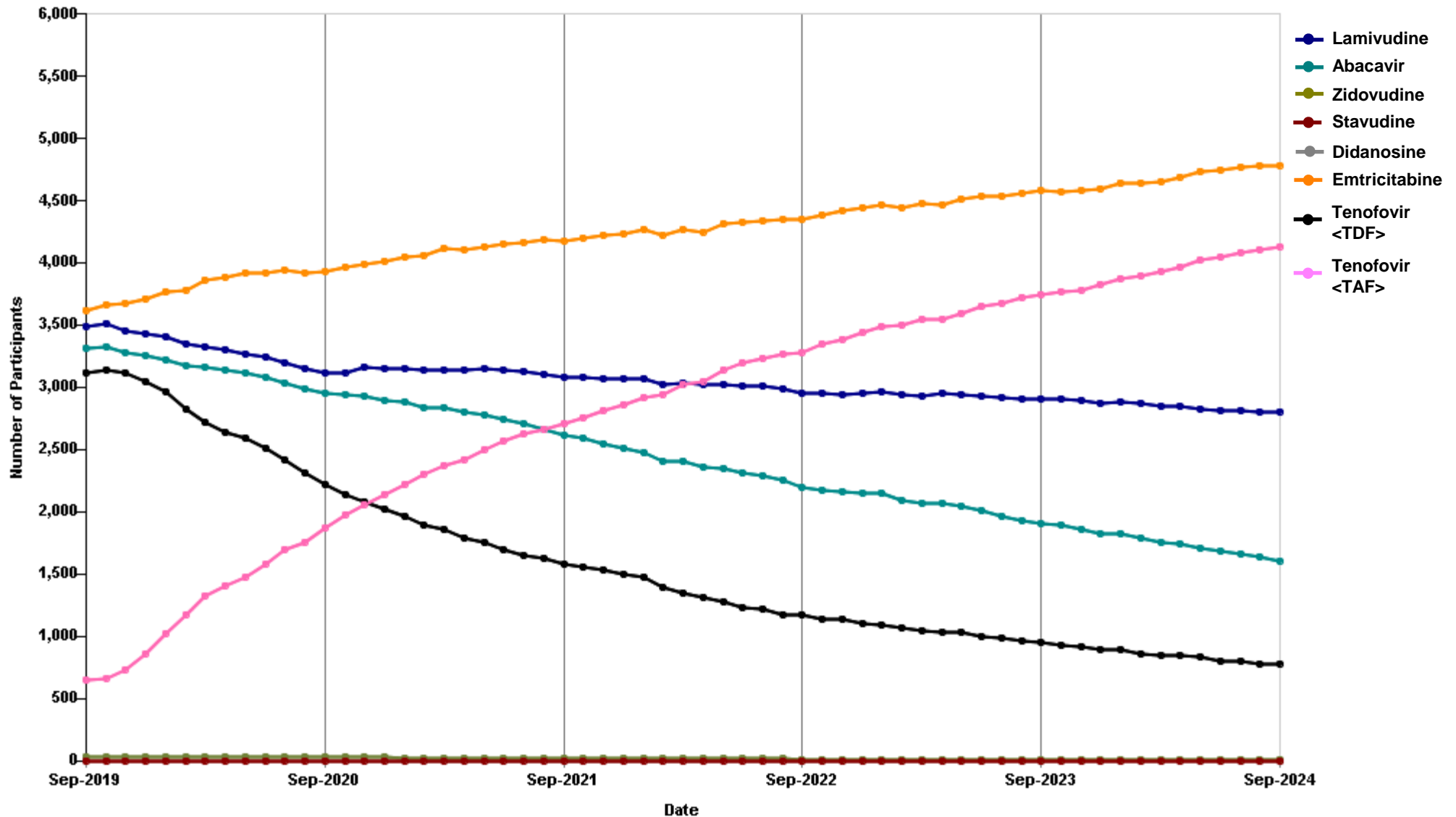


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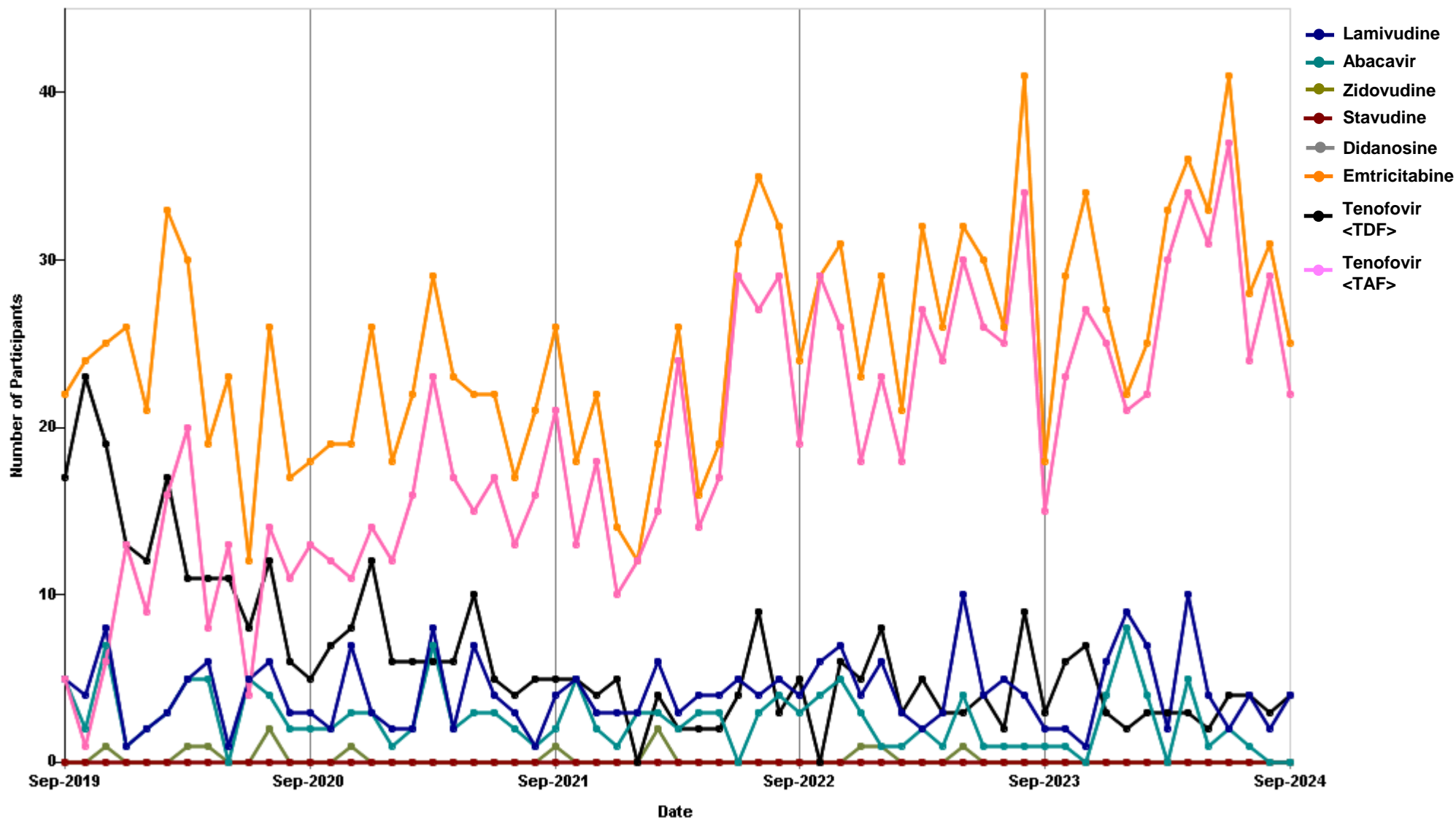
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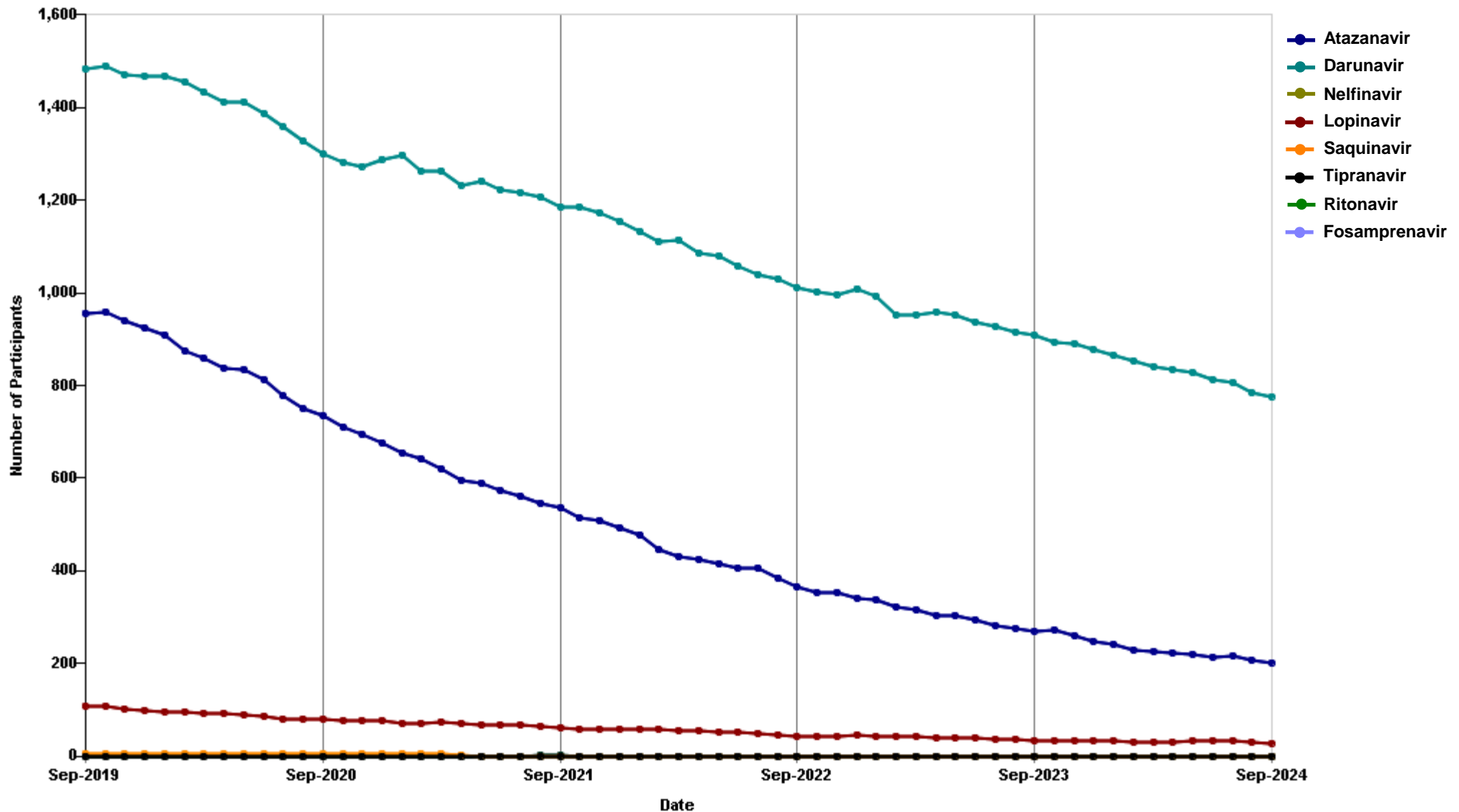
1.11 Distribution of Participants on Nucleoside/Nucleotide Analogues at the time of first start of ARV Therapy by INGREDIENT

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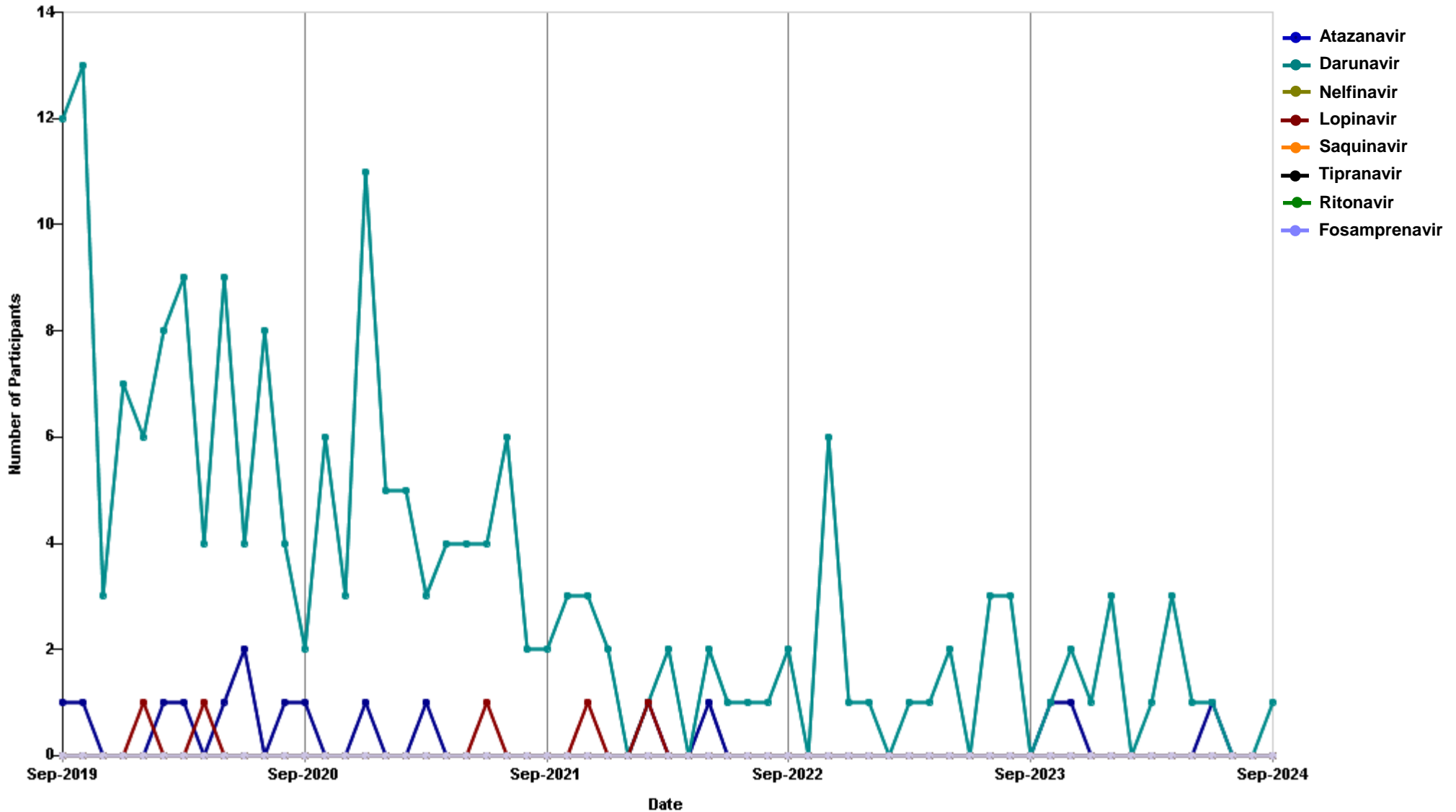
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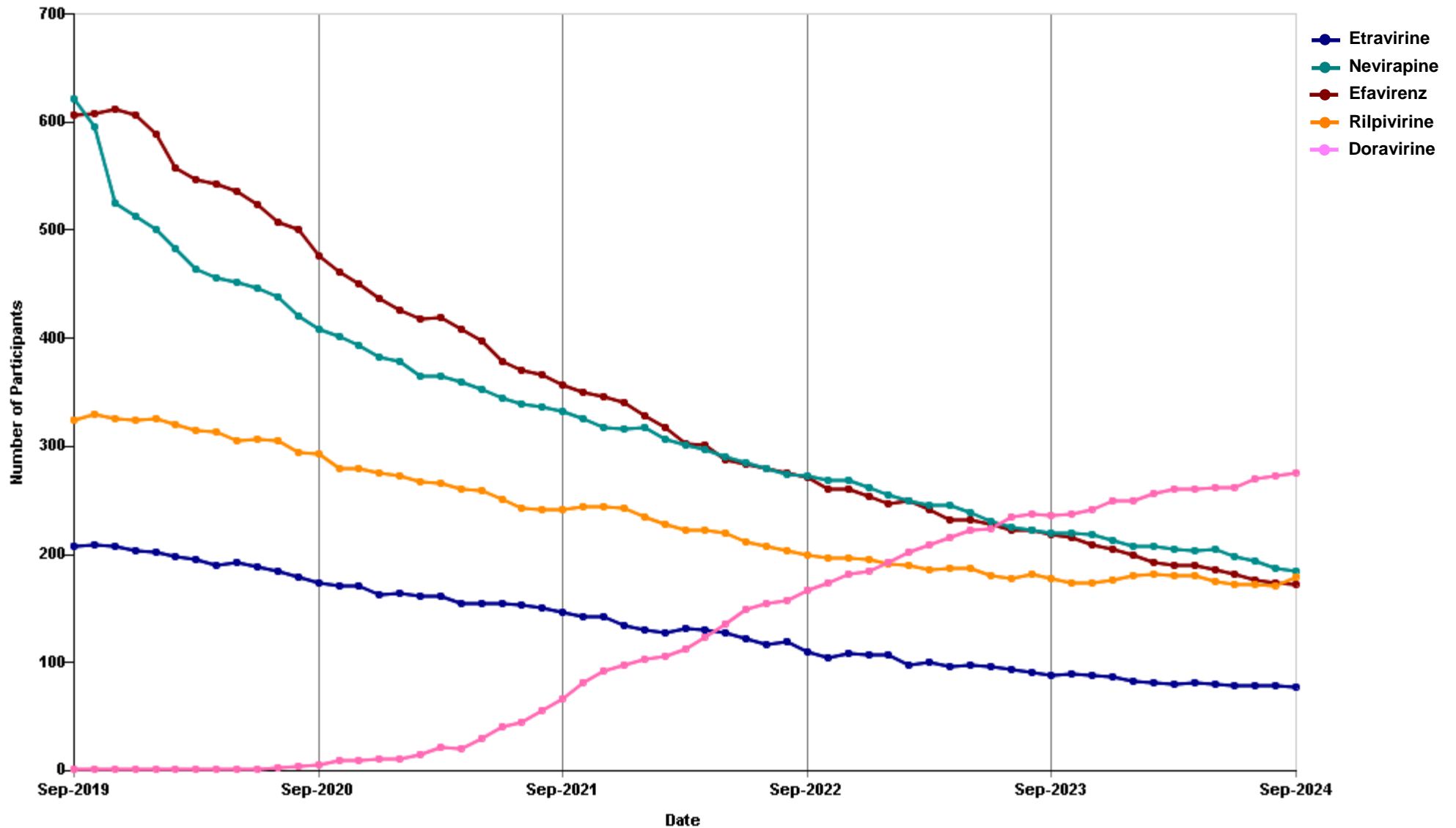
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

(September 2019 - September 2024)





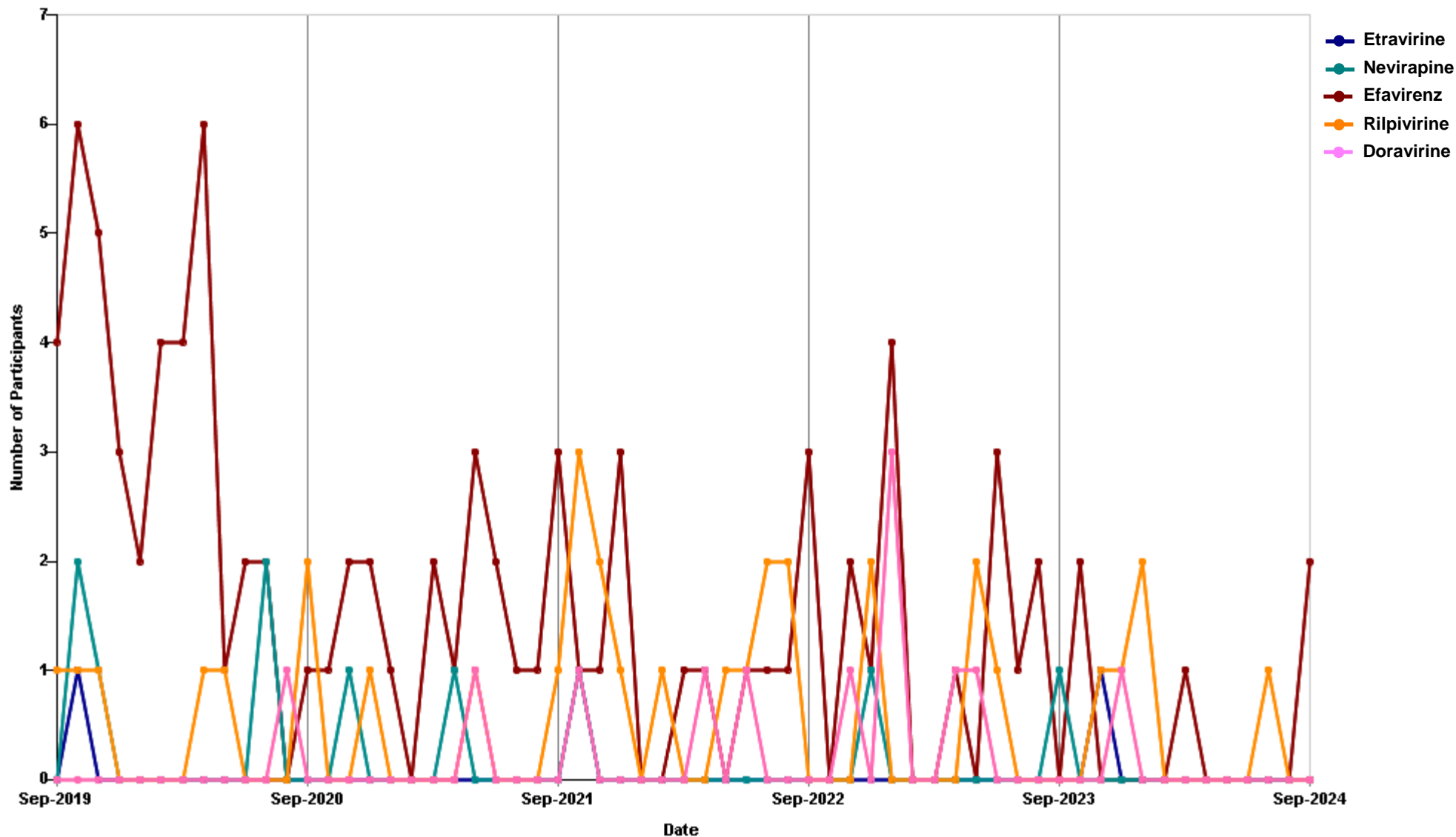
1.14 Distribution of Participants on Non-Nucleosides by INGREDIENT (September 2019 - September 2024)





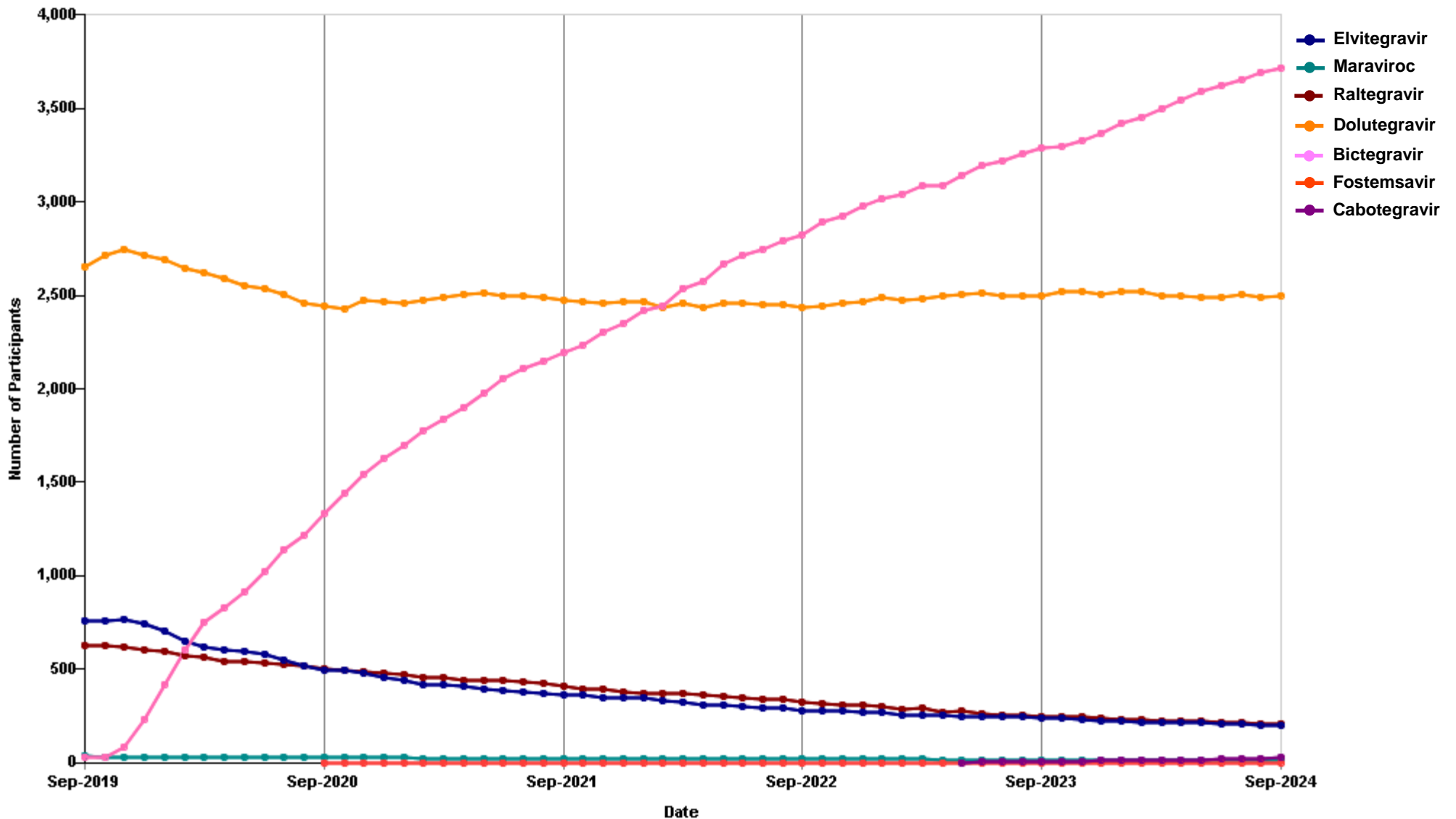
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(September 2019 - September 2024)





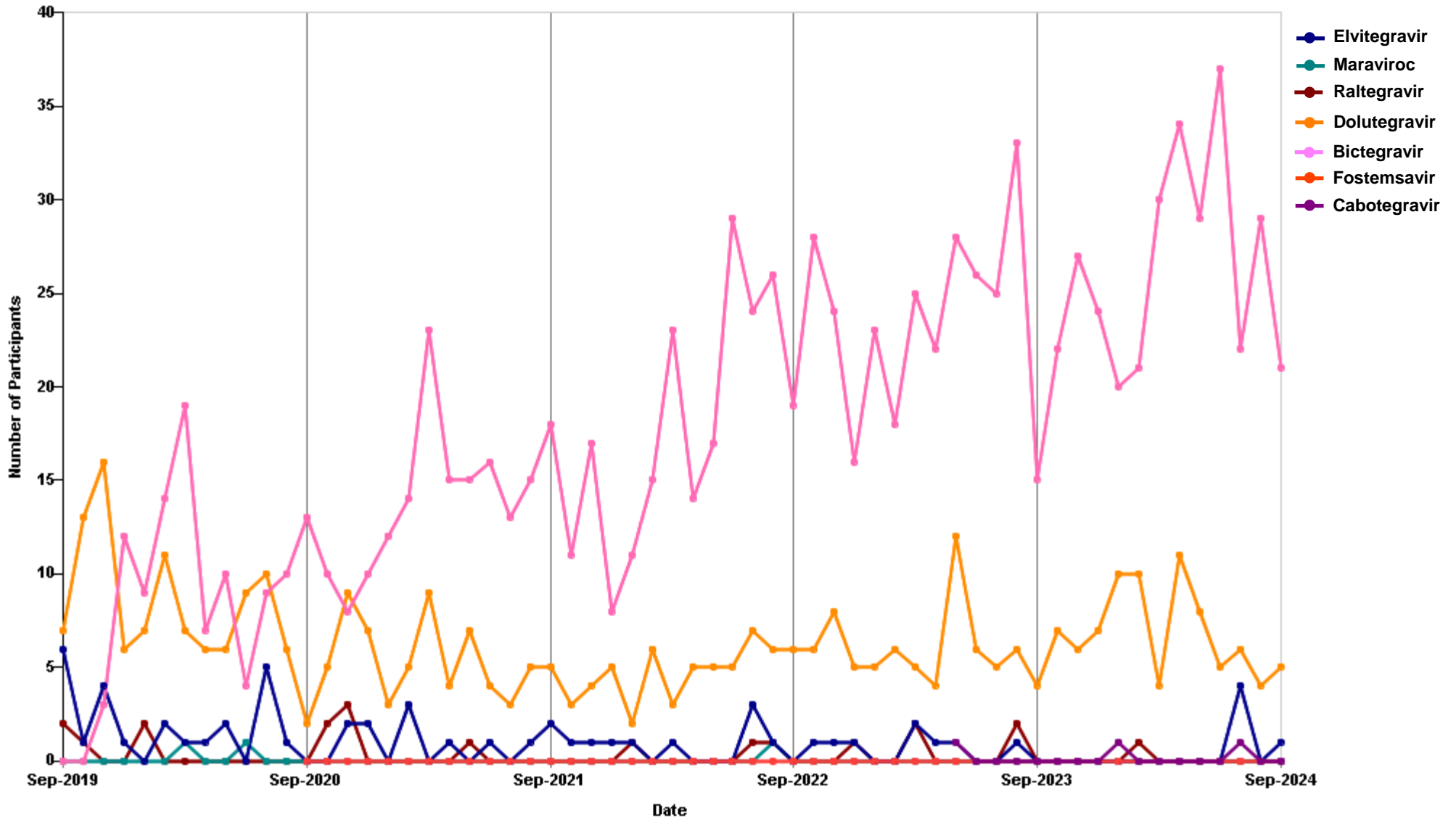
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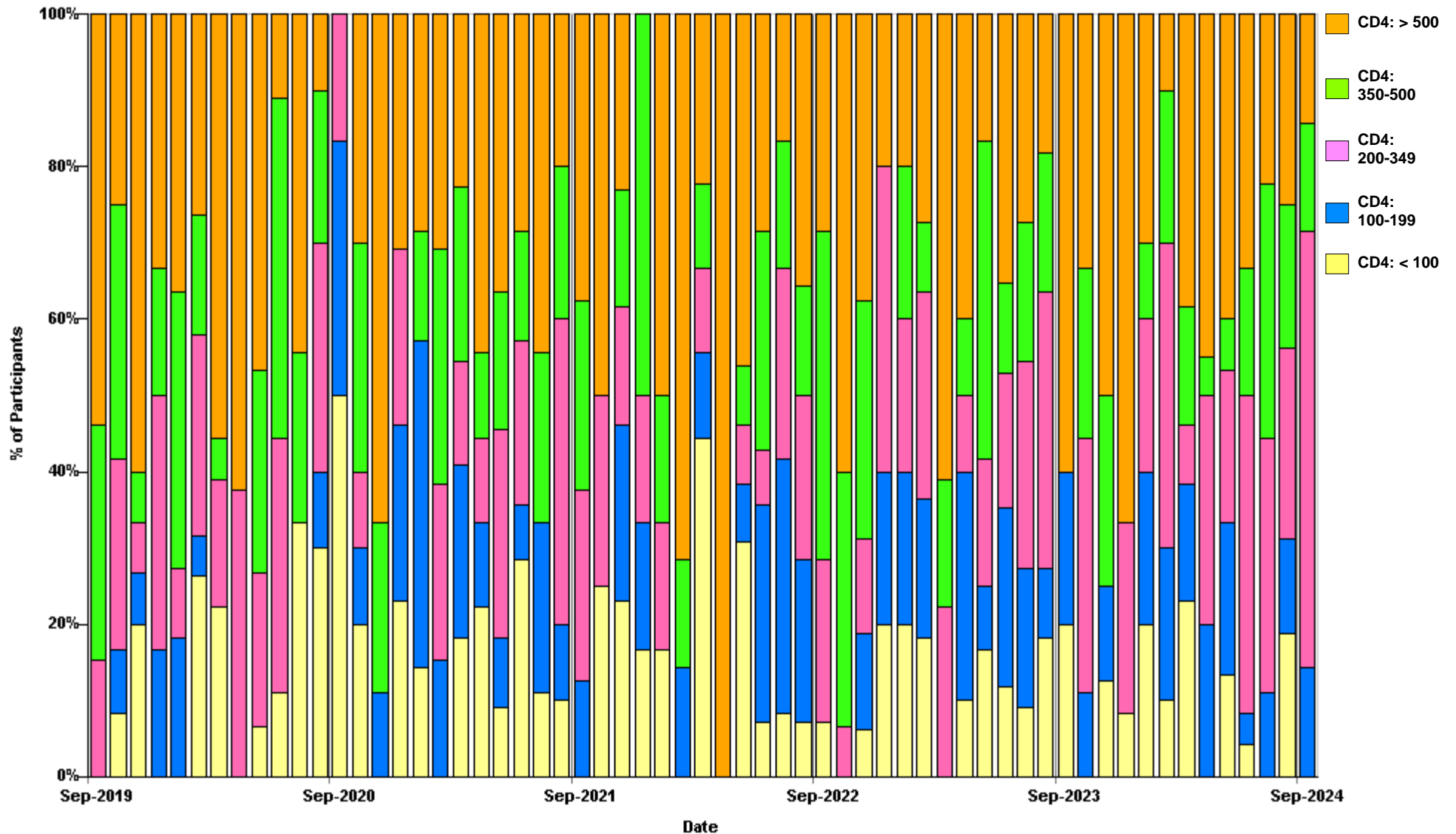
1.17 Distribution of Participants on Entry/Integrase Inhibitors at the time of first ARV Therapy by INGREDIENT

(September 2019 - September 2024)



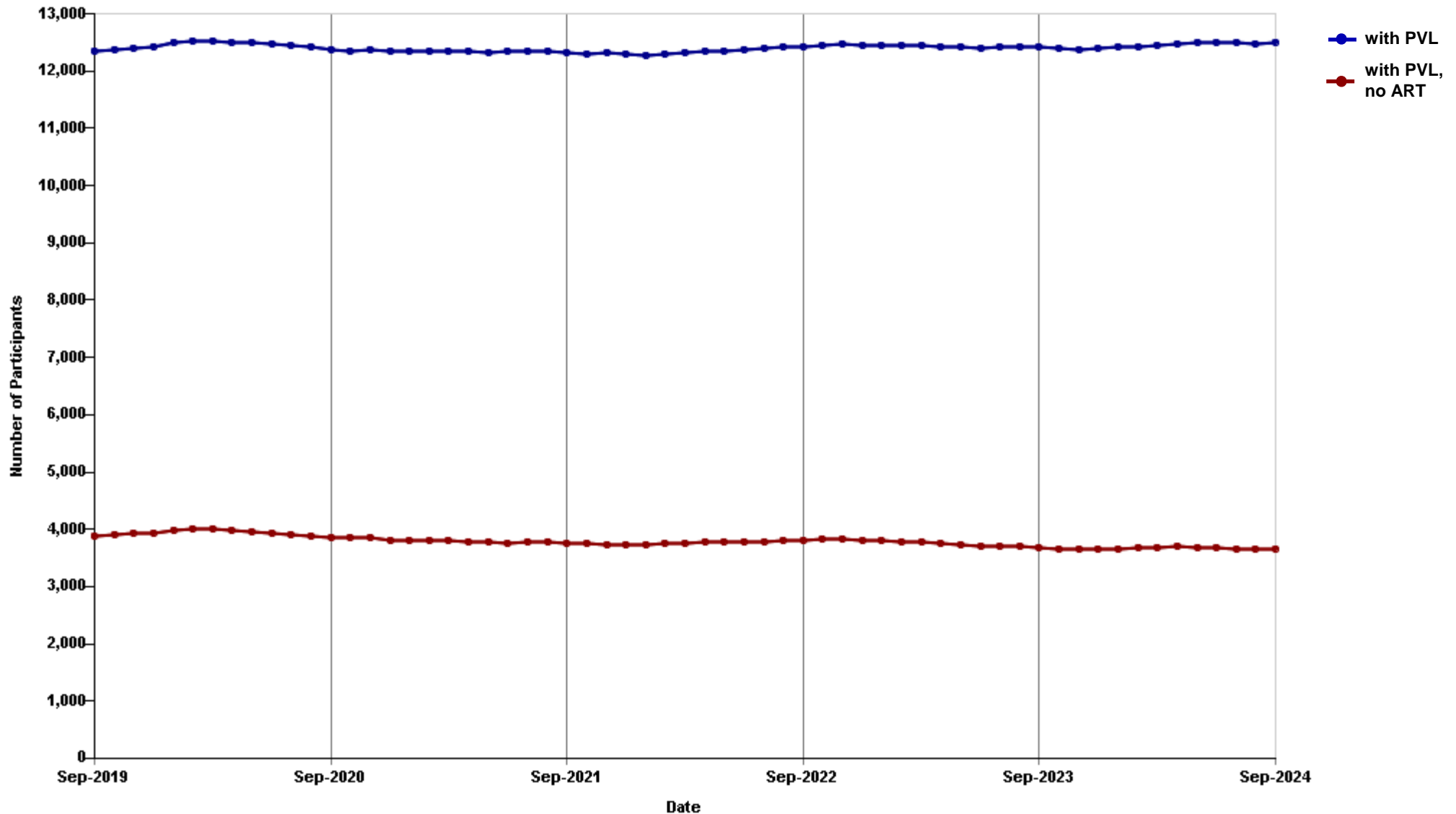


1.18 Baseline CD4 for Antiretroviral First Starts (September 2019 - September 2024)



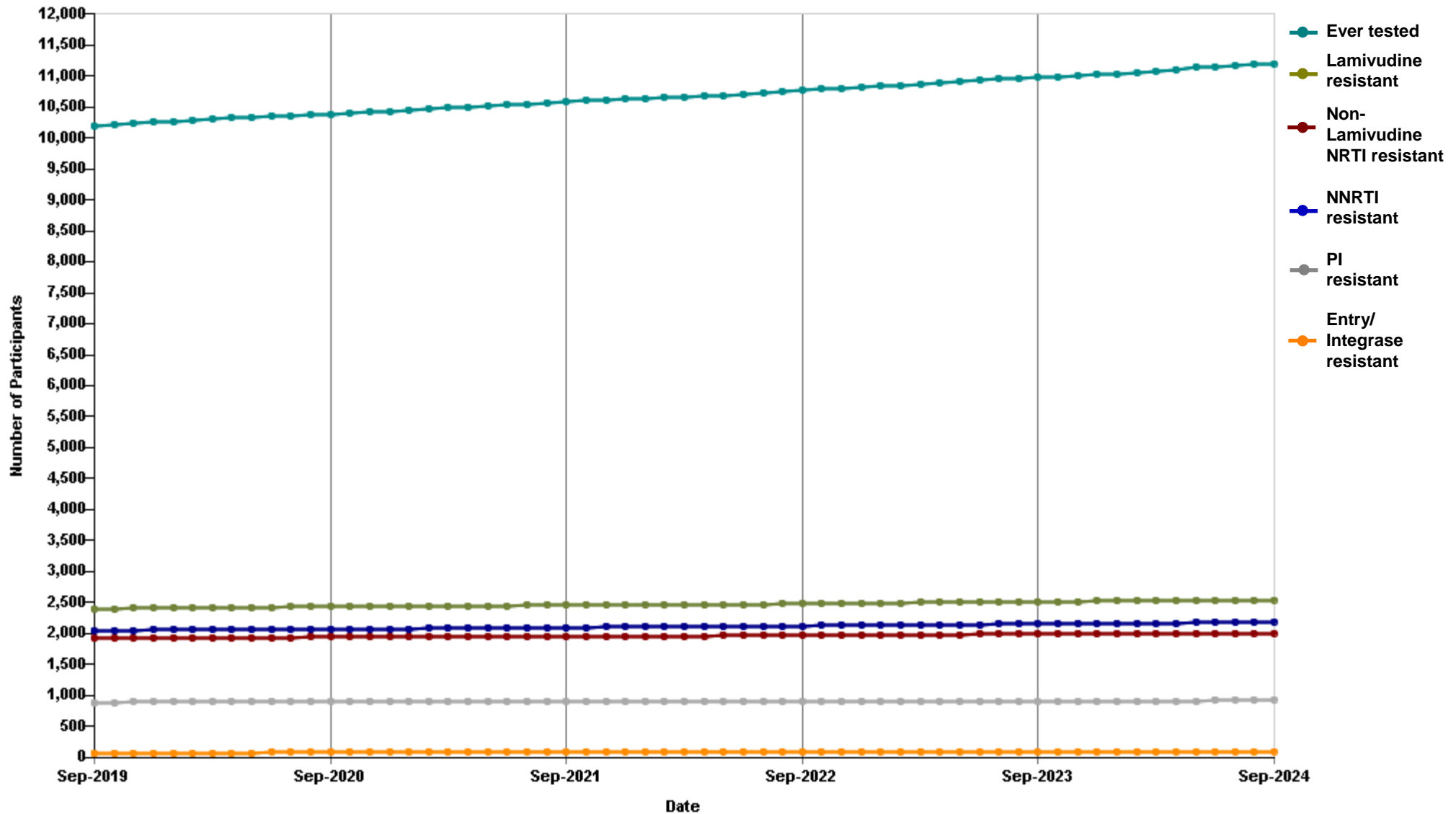


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (September 2019 - September 2024)



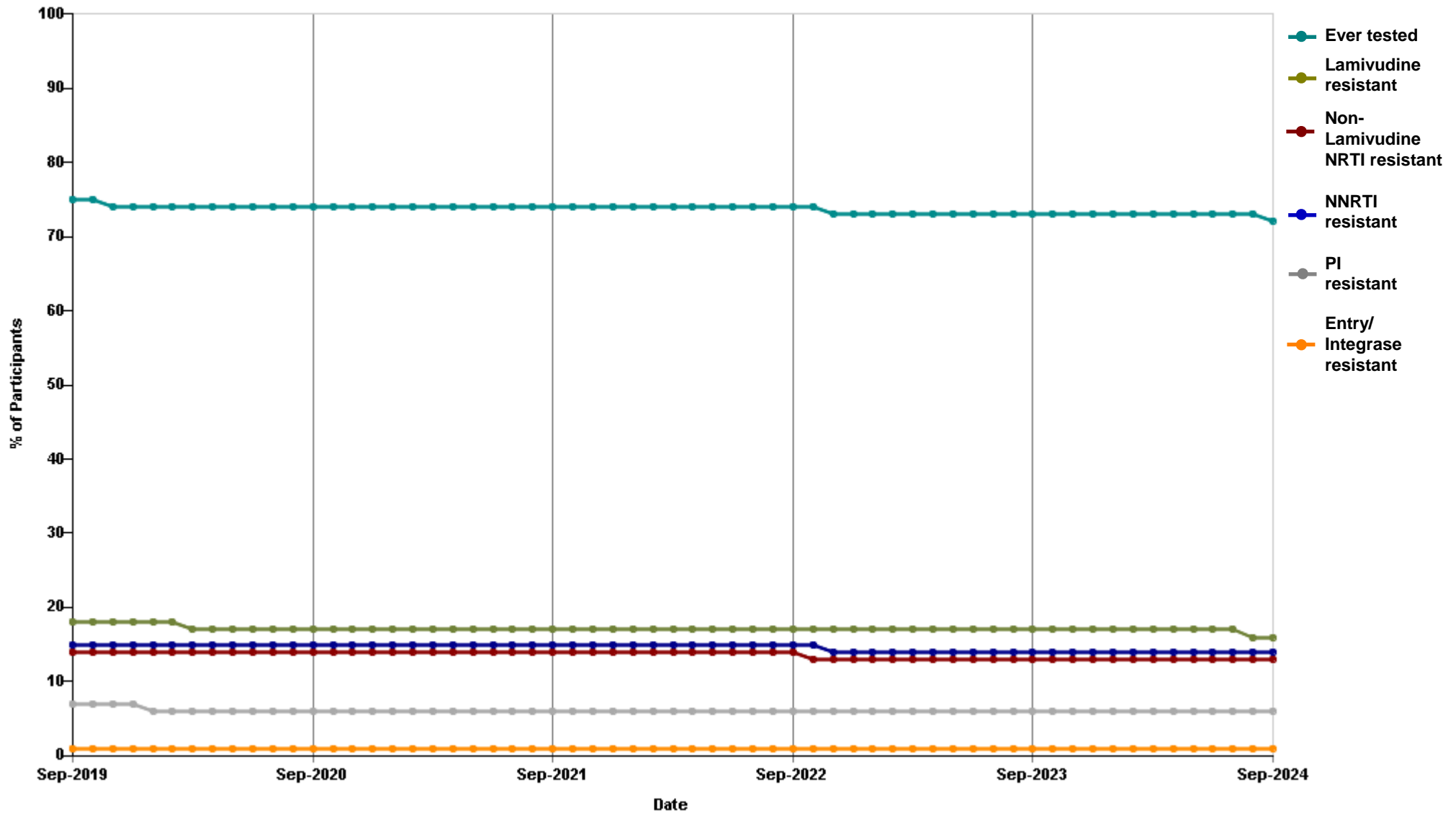


1.20 Cumulative Resistance Testing Results by Resistance Category (September 2019 - September 2024)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (September 2019 - September 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		2	<40	3
1988	33	4	0	4	1	510	4	<40	4
1989	31	45	1	46	18	535	42	<40	3
1990	29	47	1	48	22	590	47	<40	3
1991	30	33	3	36	14	630	33	<40	3
1992	30	48	4	52	19	620	43	<40	3
1993	29	110	14	124	66	555	119	<40	3
1994	27	65	9	74	37	560	67	<40	3
1995	27	116	19	135	70	565	126	<40	3
1996	26	290	46	336	155	570	297	<40	3
1997	23	252	27	279	149	590	254	<40	3
1998	23	171	34	205	113	550	186	<40	3
1999	23	142	37	179	105	560	161	<40	3
2000	23	108	25	133	70	635	120	<40	3
2001	22	100	24	124	65	610	115	<40	3
2002	22	109	20	129	68	535	119	<40	3
2003	21	128	25	153	85	620	137	<40	3
2004	20	134	37	171	93	670	151	<40	3
2005	19	165	43	208	120	670	190	<40	3
2006	18	151	36	187	105	610	169	<40	3
2007	17	215	36	251	143	690	229	<40	3
2008	16	259	56	315	185	660	274	<40	3
2009	15	282	56	338	183	640	300	<40	3
2010	14	251	64	315	182	635	274	<40	3
2011	13	300	68	368	193	720	315	<40	3
2012	12	251	64	315	170	745	276	<40	3
2013	11	242	60	302	171	720	265	<40	3
2014	10	259	45	304	159	780	268	<40	3
2015	9	238	41	279	165	680	252	<40	3
2016	8	227	48	275	148	625	231	<40	3
2017	7	189	30	219	126	670	192	<40	3
2018	6	171	44	215	124	761	192	<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	206	42	248	153	720	213	<40	3
2020	4	153	51	204	127	750	174	<40	3
2021	3	177	31	208	121	640	185	<40	3
2022	2	240	47	287	190	690	258	<40	3
2023	1	276	63	339	223	600	318	<40	3
2024	0	232	56	288	235	565	280	<40	3
Total:		6388	1307	7695					

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	798	1854	<40	1099	650
DEC-2023	7603	801	1549	<40	915	640
JAN-2024	7643	792	1973	<40	1171	650
FEB-2024	7647	784	1773	<40	1037	620
MAR-2024	7636	792	1681	<40	986	650
APR-2024	7671	786	1943	<40	1222	660
MAY-2024	7689	787	1880	<40	1072	660
JUN-2024	7690	786	1696	<40	1013	650
JUL-2024	7723	786	1808	<40	1009	610
AUG-2024	7720	782	1869	<40	1083	650
SEP-2024	7714	790	1661	<40	954	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	708	219	67	<40	49	520
FEB-2024	706	232	58	<40	41	560
MAR-2024	720	200	66	<40	46	565
APR-2024	702	228	67	<40	56	545
MAY-2024	700	217	57	<40	40	555
JUN-2024	714	194	59	<40	36	459
JUL-2024	701	198	54	<40	29	530
AUG-2024	710	201	68	<40	41	600
SEP-2024	711	188	51	<40	34	595

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	7614	708	16	11	204	158	40	15161
FEB-2024	7620	706	17	11	183	165	6	15193
MAR-2024	7616	720	12	15	181	185	-4	15228
APR-2024	7648	702	17	20	197	167	32	15274
MAY-2024	7669	700	12	16	191	172	21	15311
JUN-2024	7682	714	5	24	172	176	13	15354
JUL-2024	7702	701	16	10	184	156	20	15387
AUG-2024	7700	710	11	17	162	162	-2	15420
SEP-2024	7695	711	8	7	181	180	-5	15449

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	6215	432	42	7643	12.48%	81.32%	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	6190	434	39	7689	13.34%	80.50%	5.64%	0.51%	100.00%
JUN-2024	1035	6184	429	42	7690	13.46%	80.42%	5.58%	0.55%	100.00%
JUL-2024	1063	6189	434	37	7723	13.76%	80.14%	5.62%	0.48%	100.00%
AUG-2024	1084	6166	431	39	7720	14.04%	79.87%	5.58%	0.51%	100.00%
SEP-2024	1127	6118	426	43	7714	14.61%	79.31%	5.52%	0.56%	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%	3867 52%	2 6%	890 12%	22 71%	4634 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%	4020 53%	2 5%	832 11%	33 89%	4736 63%
JUN-2024	2 5%	2817 37%	2 5%	1691 22%	0 0%	13 0%	37 86%	4050 54%	4 9%	801 11%	41 95%	4741 63%
JUL-2024	4 13%	2814 37%	1 3%	1668 22%	0 0%	13 0%	24 75%	4080 54%	4 13%	801 11%	28 88%	4767 63%
AUG-2024	2 6%	2798 37%	0 0%	1634 22%	0 0%	13 0%	29 88%	4105 54%	3 9%	784 10%	31 94%	4781 63%
SEP-2024	4 14%	2800 37%	0 0%	1602 21%	0 0%	13 0%	22 76%	4124 54%	4 14%	773 10%	25 86%	4784 63%

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%	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%

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%	3419	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%	3588	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%	3617	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%	3653	55%	1	3%	25	0%	6	18%	2503	38%	4	12%	212	3%	0	0%	2	0%	0	0%	17	0%	0	0%	213	3%
AUG-2024	29	88%	3691	56%	0	0%	26	0%	4	12%	2490	38%	0	0%	204	3%	0	0%	2	0%	0	0%	17	0%	0	0%	207	3%
SEP-2024	21	78%	3711	56%	0	0%	32	0%	5	19%	2500	38%	1	4%	200	3%	0	0%	2	0%	0	0%	16	0%	0	0%	206	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		IV 3 drugs from IV 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	7.65	4857	63.55	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	4904	63.78	1023	13.30	607	7.89	53	0.69
JUN-2024	526	6.84	556	7.23	4913	63.89	1033	13.43	606	7.88	56	0.73
JUL-2024	520	6.73	541	7.01	4943	64.00	1061	13.74	605	7.83	53	0.69
AUG-2024	506	6.55	537	6.96	4943	64.03	1082	14.02	602	7.80	50	0.65
SEP-2024	486	6.30	530	6.87	4925	63.84	1125	14.58	596	7.73	52	0.67

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	15	3	2	1	2	5	440
APR-2024	20	0	4	6	1	9	364
MAY-2024	16	2	3	3	1	6	320
JUN-2024	24	1	1	10	4	8	360
JUL-2024	10	0	1	3	3	2	374
AUG-2024	17	3	2	4	3	4	330
SEP-2024	7	0	1	4	1	1	280

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	12379	3648
DEC-2023	12400	3656
JAN-2024	12410	3664
FEB-2024	12423	3671
MAR-2024	12455	3686
APR-2024	12480	3691
MAY-2024	12488	3688
JUN-2024	12498	3668
JUL-2024	12494	3663
AUG-2024	12482	3643
SEP-2024	12504	3663

Definitions:

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

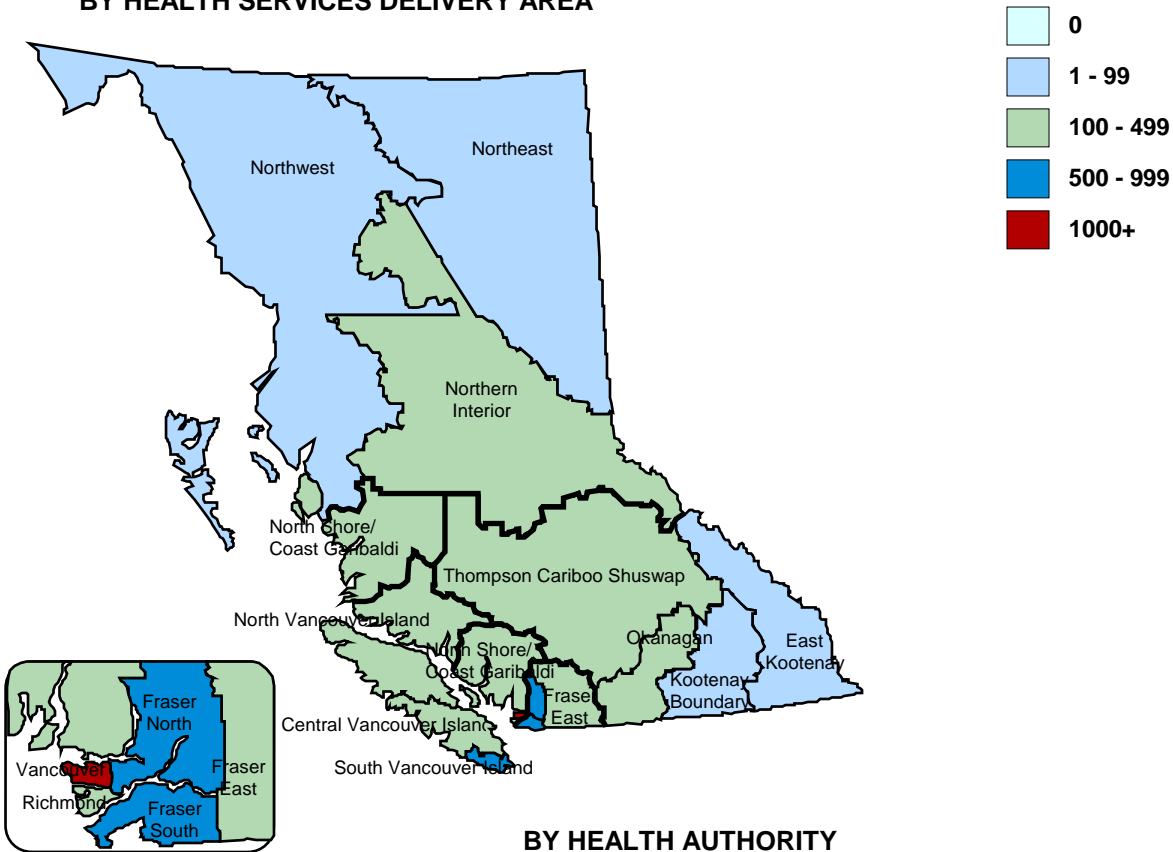
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



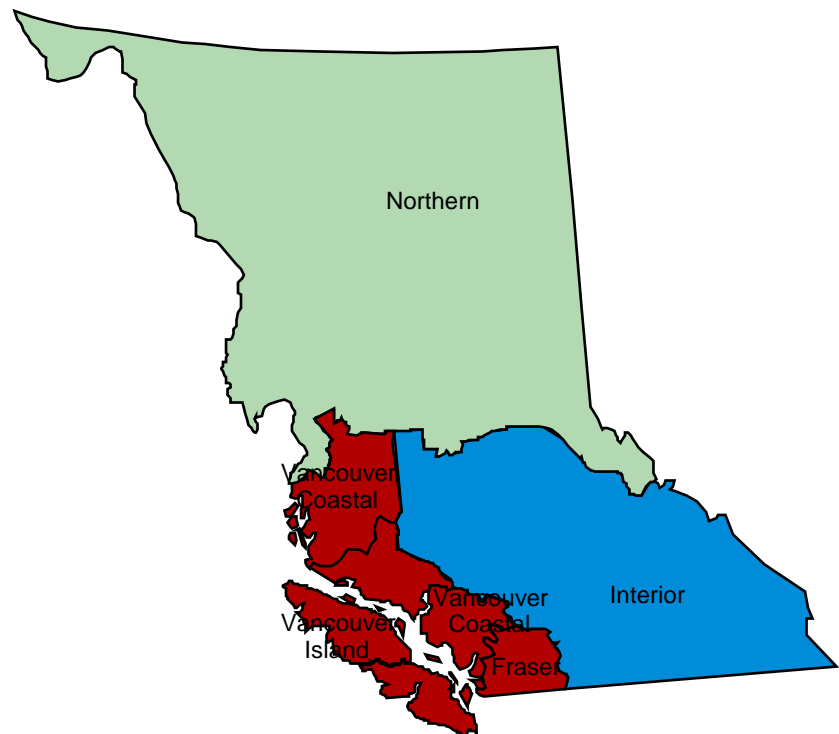


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7714
Sep-2024

BY HEALTH SERVICES DELIVERY AREA



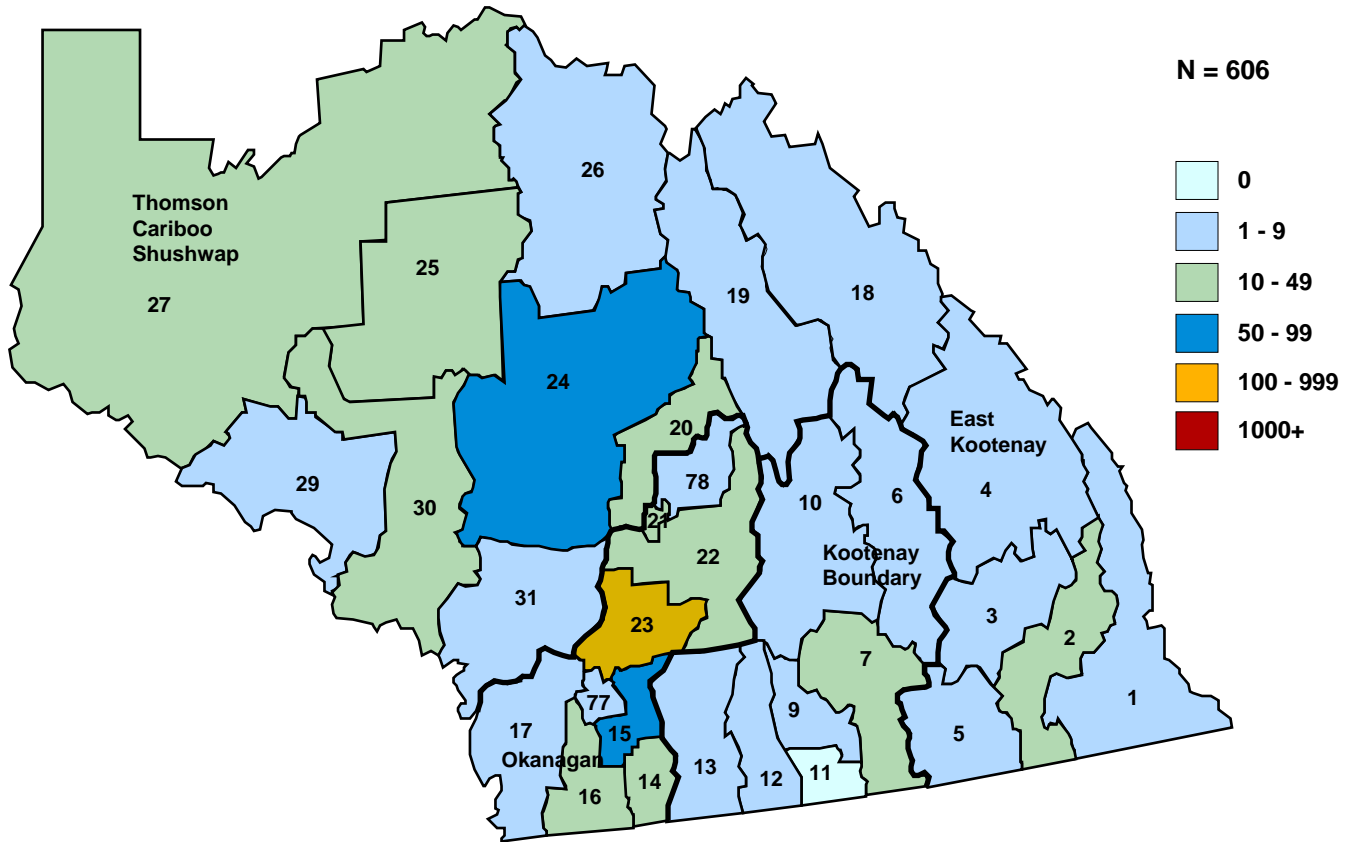
BY HEALTH AUTHORITY



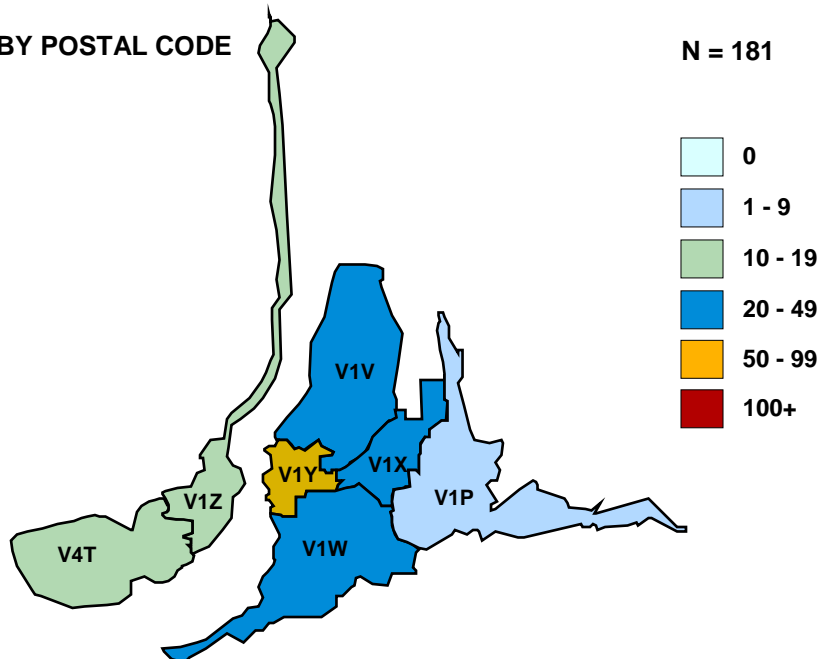


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2024

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



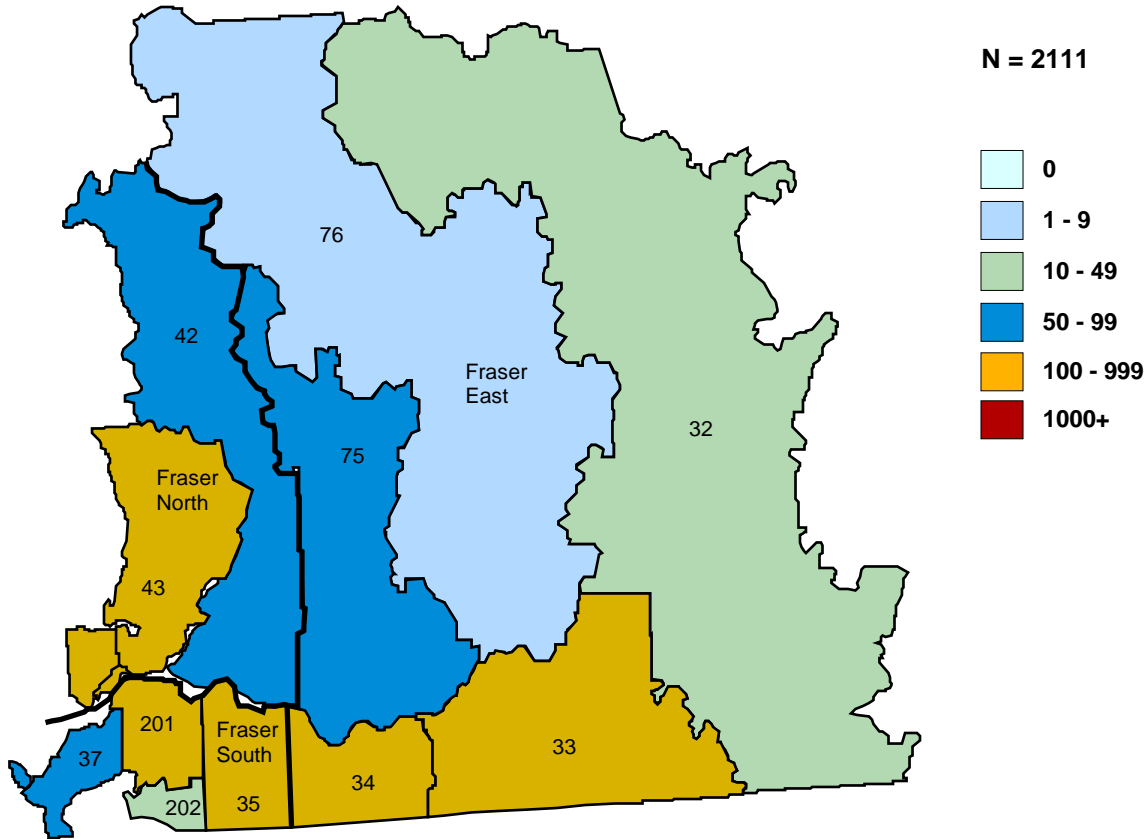
KELOWNA BY POSTAL CODE



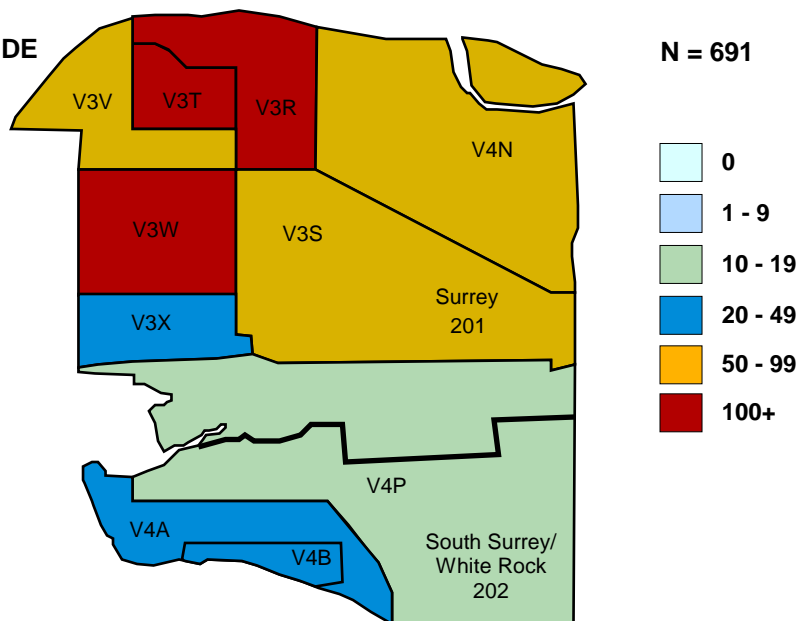


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2024

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



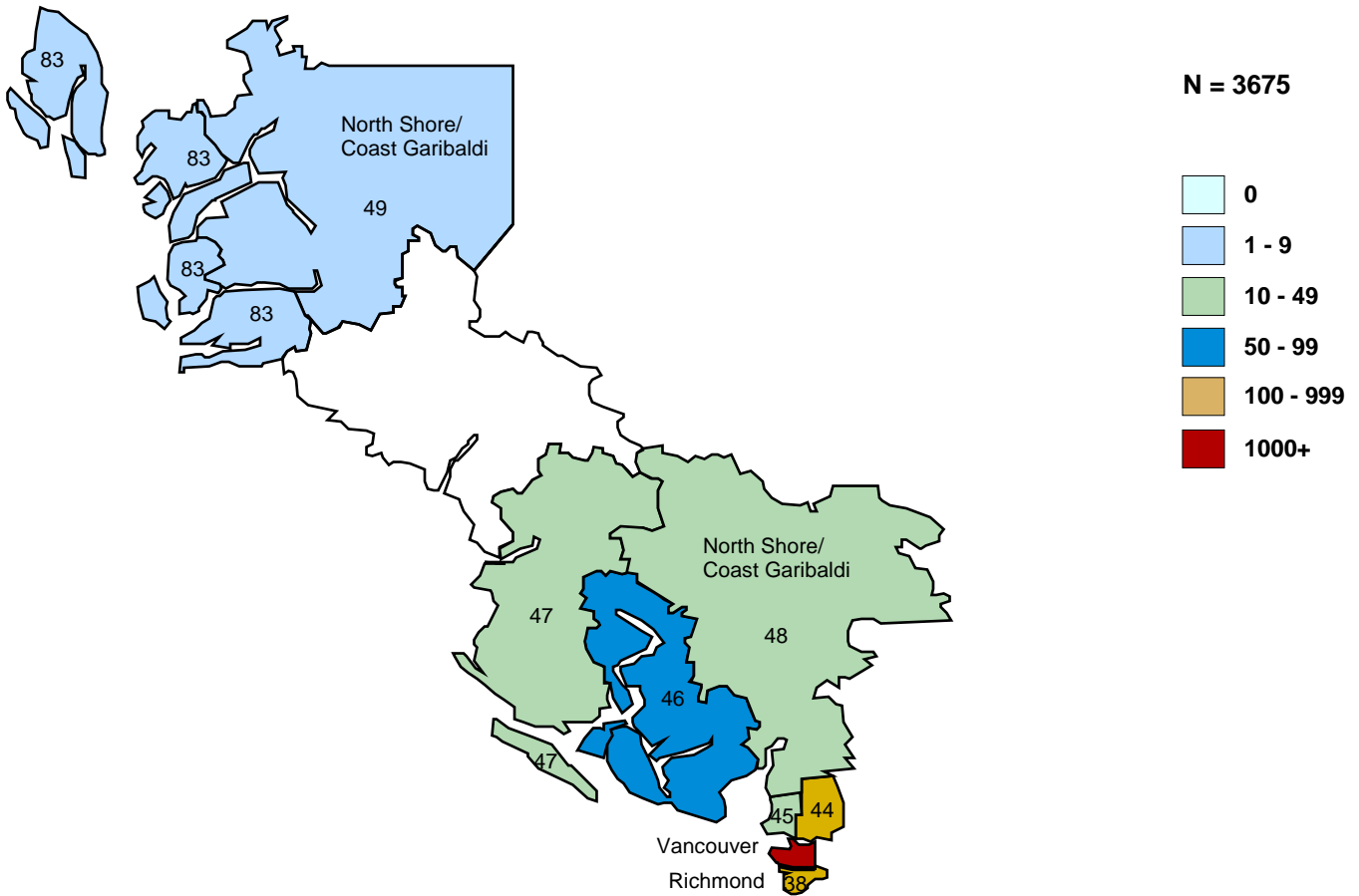
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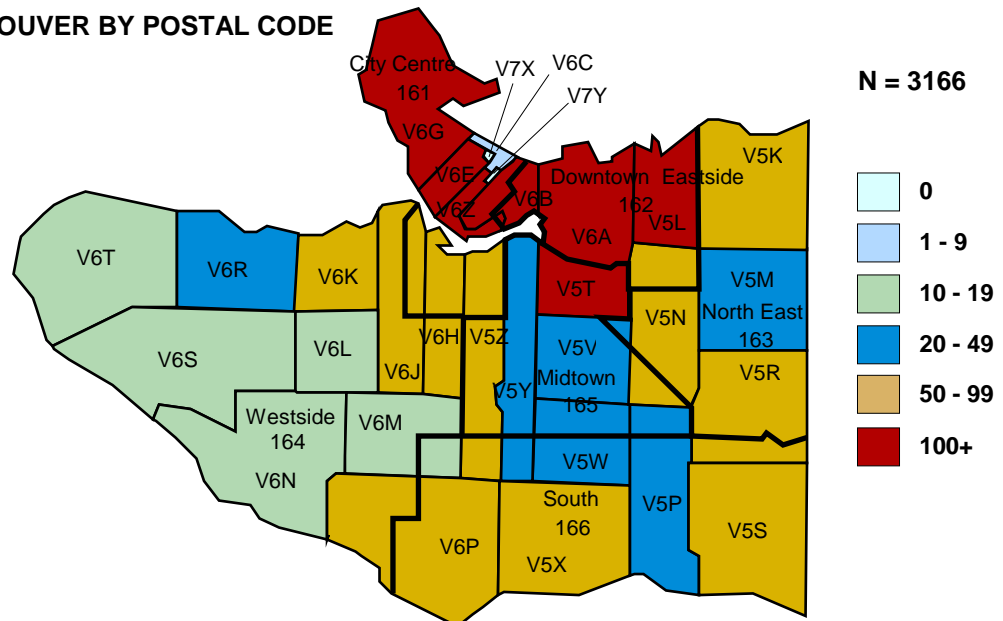


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2024

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



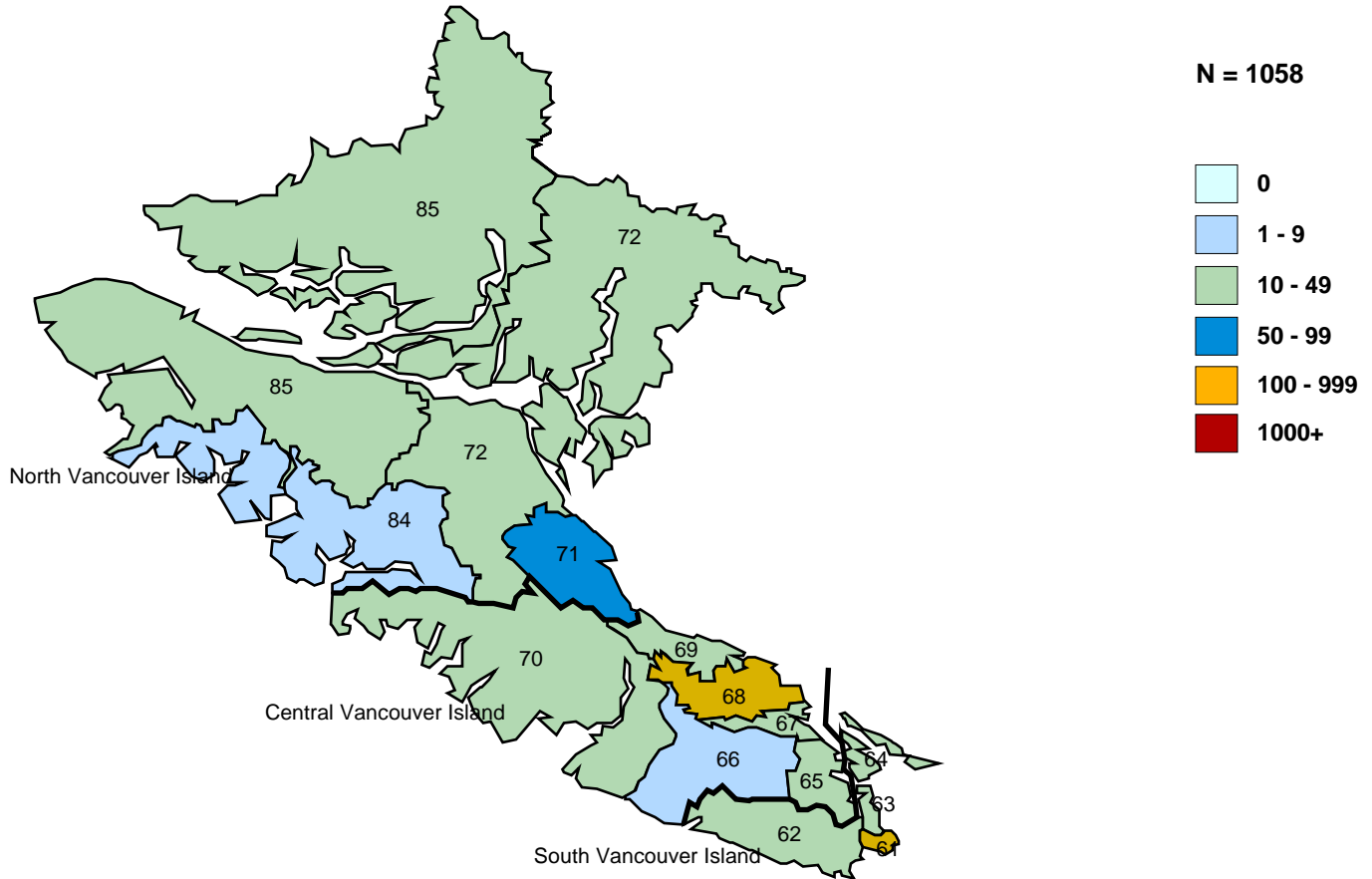
VANCOUVER BY POSTAL CODE



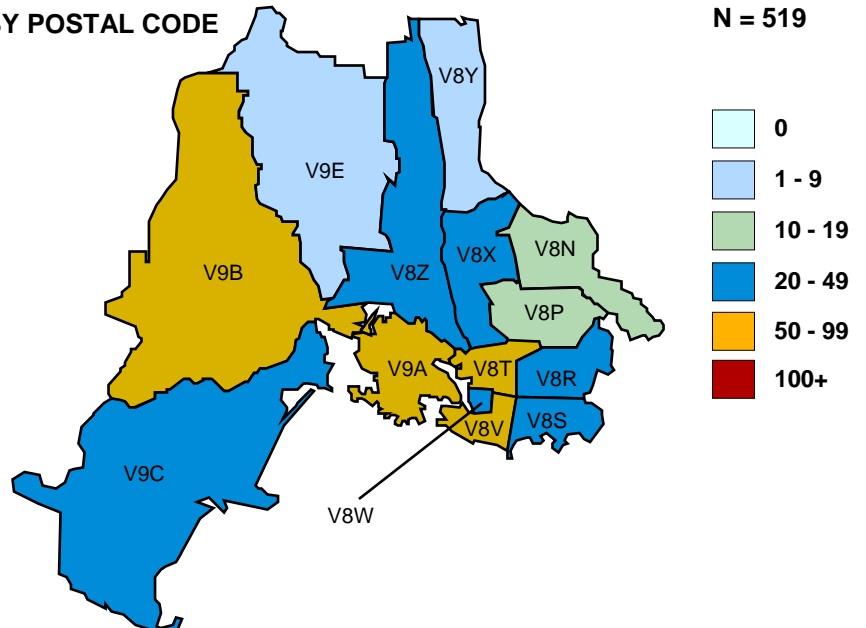


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2024

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



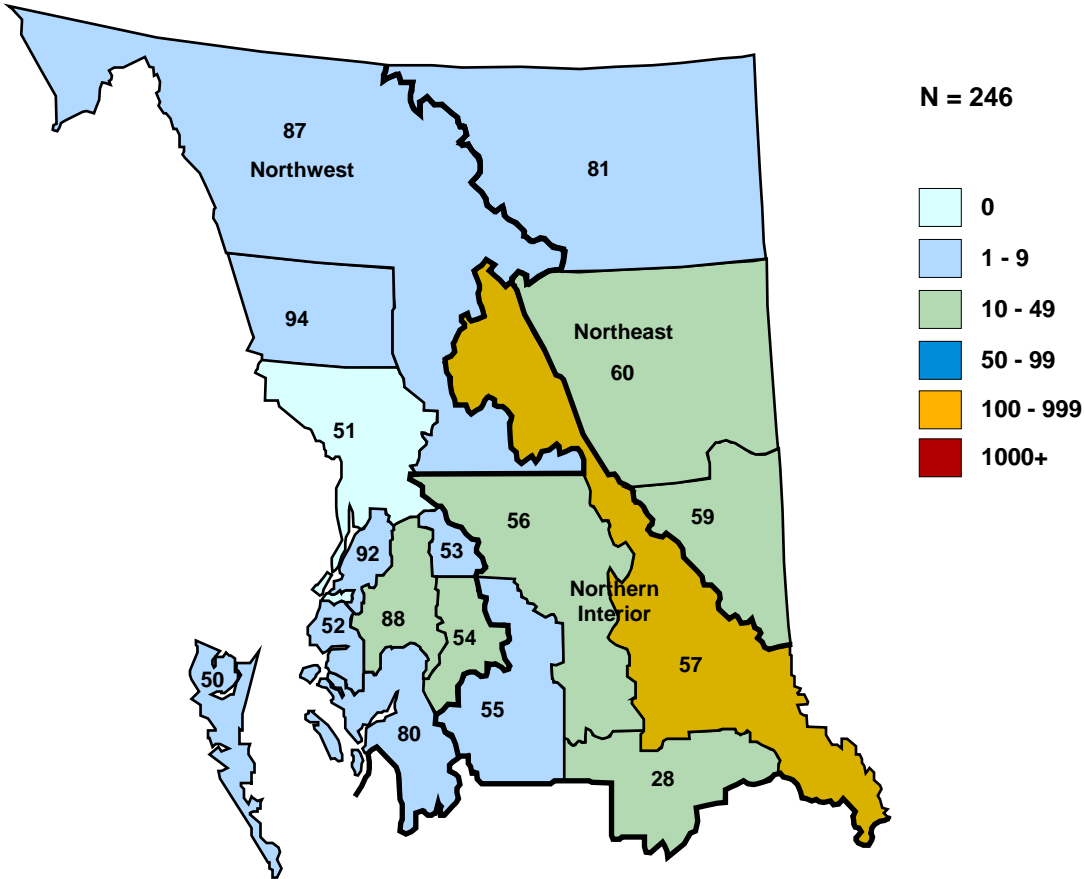
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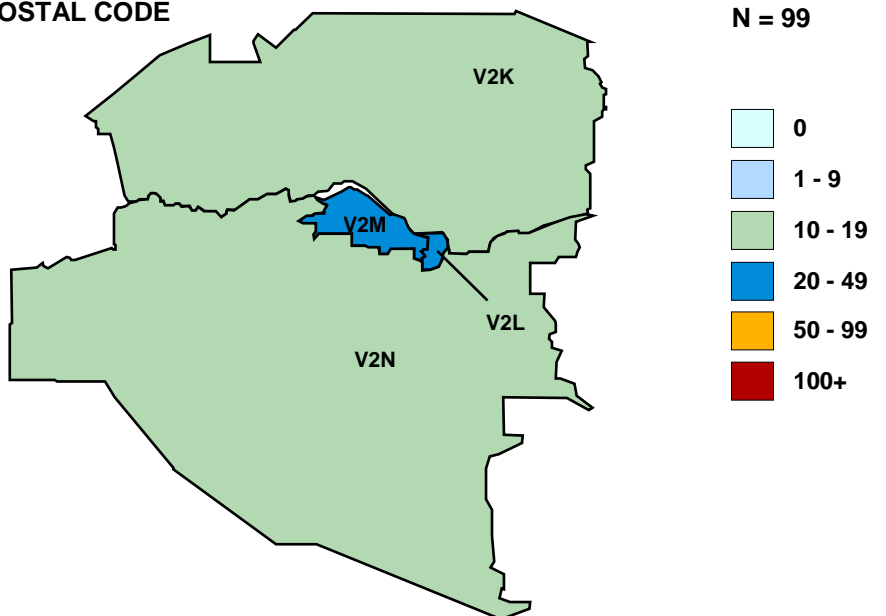


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2024

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+	31	48	17
	Total HSDA:	48	65	28
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	72	103	50	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	472	637	352	
THOMPSON/CARIBOO/ SHUSWAP	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	237	329	176	
Total HA:		829	1134	606

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	5	5	5
	20-34	80	81	58
	35-49	197	215	145
	50+	547	833	398
Total HA:		829	1134	606

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	164	227	114
Male	665	907	492

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	606	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)





4.2 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	25	11
	5 years or more	14	9
	<5 years	9	8
	Total HSDA:	48	28
KOOTENAY BOUNDARY	10 years or more	52	34
	5 years or more	11	8
	<5 years	9	8
	Total HSDA:	72	50
OKANAGAN	10 years or more	304	225
	5 years or more	83	58
	<5 years	85	69
	Total HSDA:	472	352
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	142	106
	5 years or more	44	29
	<5 years	51	41
	Total HSDA:	237	176
Total HA:		829	606

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	523	376
	5 years or more	152	104
	<5 years	154	126
Total HA:		829	606

* 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	100	13	30
KOOTENAY BOUNDARY	76	139	19	41
OKANAGAN	242	1094	51	323
THOMPSON/CARIBOO/SHUSWAP	151	583	28	136
Total:	523	1916	111	530

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	130

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

Definitions:

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

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





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
FRASER EAST	0-19	7	7	7
	20-34	48	49	36
	35-49	109	113	74
	50+	279	391	208
	Total HSDA:	443	560	325
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	1175	1598	893
FRASER SOUTH	0-19	7	7	7
	20-34	138	142	116
	35-49	310	338	254
	50+	653	1004	516
	Total HSDA:	1108	1491	893
Total HA:		2726	3649	2111

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	18	18	18
	20-34	316	323	258
	35-49	780	838	603
	50+	1612	2470	1232
Total HA:		2726	3649	2111

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	651	839	504
Male	2075	2810	1607

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	2111	53	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)





**4.5 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	284	212
	5 years or more	79	47
	<5 years	80	66
	Total HSDA:	443	325
FRASER NORTH	10 years or more	748	550
	5 years or more	211	164
	<5 years	216	179
	Total HSDA:	1175	893
FRASER SOUTH	10 years or more	672	523
	5 years or more	195	151
	<5 years	241	219
	Total HSDA:	1108	893
Total HA:		2726	2111

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1704	1285
	5 years or more	485	362
	<5 years	537	464
Total HA:		2726	2111

* 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	153	560	33	67
FRASER NORTH	266	1651	34	238
FRASER SOUTH	236	1911	47	538
Total:	655	4122	114	843

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	216
FRASER NORTH	733
FRASER SOUTH	480
Total:	1429

* 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
RICHMOND	20-34	30	31	21
	35-49	59	60	45
	50+	126	183	99
	Total HSDA:	215	274	165
VANCOUVER	0-19	8	8	7
	20-34	382	395	284
	35-49	1216	1358	828
	50+	3000	5468	2103
	Total HSDA:	4606	7229	3222
Total HA:		5194	8055	3675

Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
0-19	12	12	11
20-34	442	456	323
35-49	1354	1503	932
50+	3386	6084	2409
Total HA:	5194	8055	3675

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	581	973	440
Male	4613	7082	3235

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3675	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	264	205
	5 years or more	50	40
	<5 years	59	43
	Total HSDA:	373	288
RICHMOND	10 years or more	120	90
	5 years or more	36	27
	<5 years	59	48
	Total HSDA:	215	165
VANCOUVER	10 years or more	3318	2271
	5 years or more	696	491
	<5 years	592	460
	Total HSDA:	4606	3222
Total HA:		5194	3675

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3702	2566
	5 years or more	782	558
	<5 years	710	551
Total HA:		5194	3675

* 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	195	567	37	59
RICHMOND	49	333	10	107
VANCOUVER	708	11940	211	5456
Total:	952	12840	258	5622

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:		367	540
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		141	196
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		852	1220
Total HA:		1360	1956	1058

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	6
	20-34	105	113	69
	35-49	310	345	245
	50+	939	1492	738
Total HA:		1360	1956	1058

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	223	327	170
Male	1137	1629	888

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1058	57	600	<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	243	199
	5 years or more	69	49
	<5 years	55	49
	Total HSDA:	367	297
NORTH VANCOUVER ISLAND	10 years or more	104	85
	5 years or more	26	18
	<5 years	11	11
	Total HSDA:	141	114
SOUTH VANCOUVER ISLAND	10 years or more	539	401
	5 years or more	156	115
	<5 years	157	131
	Total HSDA:	852	647
Total HA:		1360	1058

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	886	685
	5 years or more	251	182
	<5 years	223	191
Total HA:		1360	1058

* 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	212	957	68	204
NORTH VANCOUVER ISLAND	159	362	30	61
SOUTH VANCOUVER ISLAND	235	2040	42	608
Total:	606	3359	140	873

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	82
NORTH VANCOUVER ISLAND	50
SOUTH VANCOUVER ISLAND	130
Total:	262

* 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	18	21	10
	50+	31	41	16
	Total HSDA:	57	70	31
NORTH WEST	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	83	131	65
NORTHERN INTERIOR	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	204	311	150
Total HA:		344	512	246

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		344	512	246

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	116	179	80
Male	228	333	166

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	246	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	31	*
	5 years or more	9	*
	<5 years	17	*
	Total HSDA:	57	31
NORTH WEST	10 years or more	57	44
	5 years or more	12	8
	<5 years	14	13
	Total HSDA:	83	65
NORTHERN INTERIOR	10 years or more	125	98
	5 years or more	51	32
	<5 years	28	20
	Total HSDA:	204	150
Total HA:		344	246

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	213	155
	5 years or more	72	44
	<5 years	59	47
Total HA:		344	246

* 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	4	6
NORTH WEST	90	171	14	32
NORTHERN INTERIOR	129	520	26	197
Total:	258	742	44	235

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	6
NORTH WEST	28
NORTHERN INTERIOR	23
Total:	57

* 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	*
	KOOTENAY BOUNDARY	6	9	*
	OKANAGAN	31	52	*
	THOMPSON/CARIBOO/SHUSWAP	28	58	*
	Total HA:	71	131	45
FRASER	FRASER EAST	35	52	27
	FRASER NORTH	50	94	41
	FRASER SOUTH	80	119	56
	Total HA:	165	265	124
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	30	57	*
	RICHMOND	5	11	*
	VANCOUVER	429	914	*
	Total HA:	464	982	369
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	48	84	39
	NORTH VANCOUVER ISLAND	15	30	11
	SOUTH VANCOUVER ISLAND	49	98	39
	Total HA:	112	212	89
NORTHERN	NORTH EAST	13	17	6
	NORTH WEST	39	75	31
	NORTHERN INTERIOR	70	122	57
	Total HA:	122	214	94
Total:		934	1804	721

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	336	641	263
Male	598	1163	458

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	721	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 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.





Monthly Report

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.





Monthly Report

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.

