



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

June 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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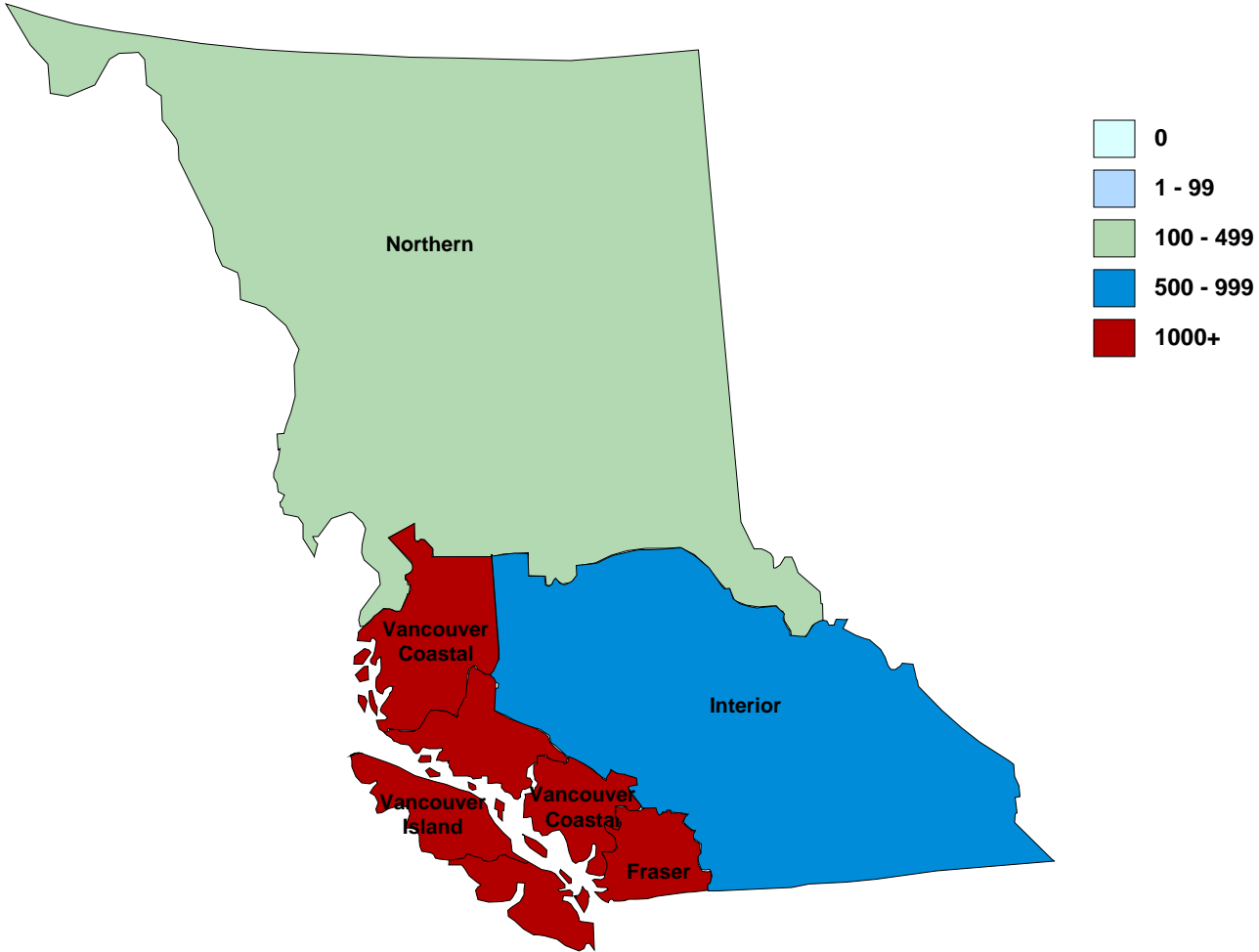




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

June 2024

N = 7697



Health Authority	Male	Female	All
FRASER	1593	488	2081
INTERIOR	482	114	596
NORTHERN	167	85	252
VANCOUVER COASTAL	3254	447	3701
VANCOUVER ISLAND	876	171	1047
	6372	1305	7677
		Unknown/not stated:	20
		Total:	7697

Definitions:

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

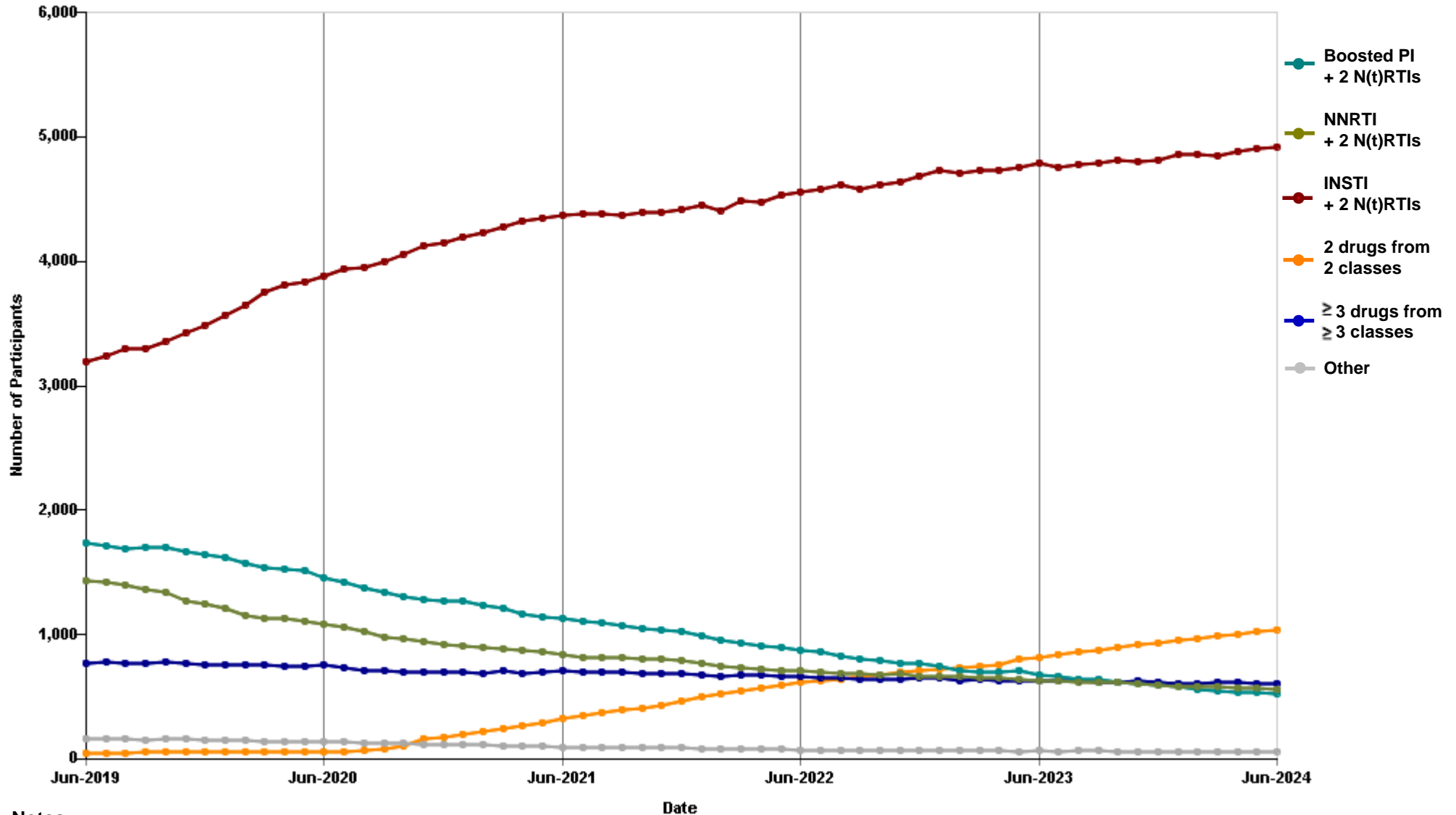
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





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



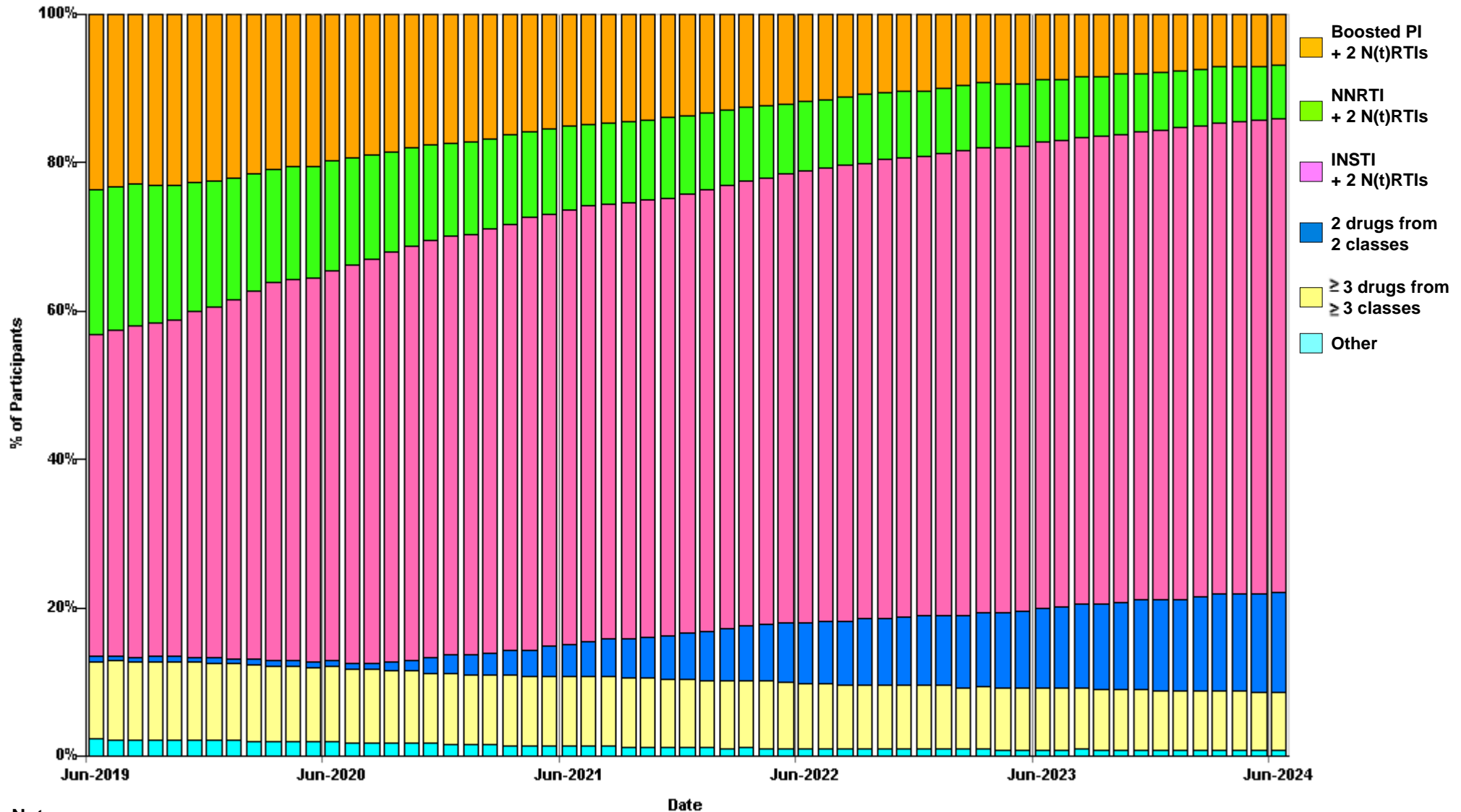
Notes:

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 (June 2019 - June 2024)



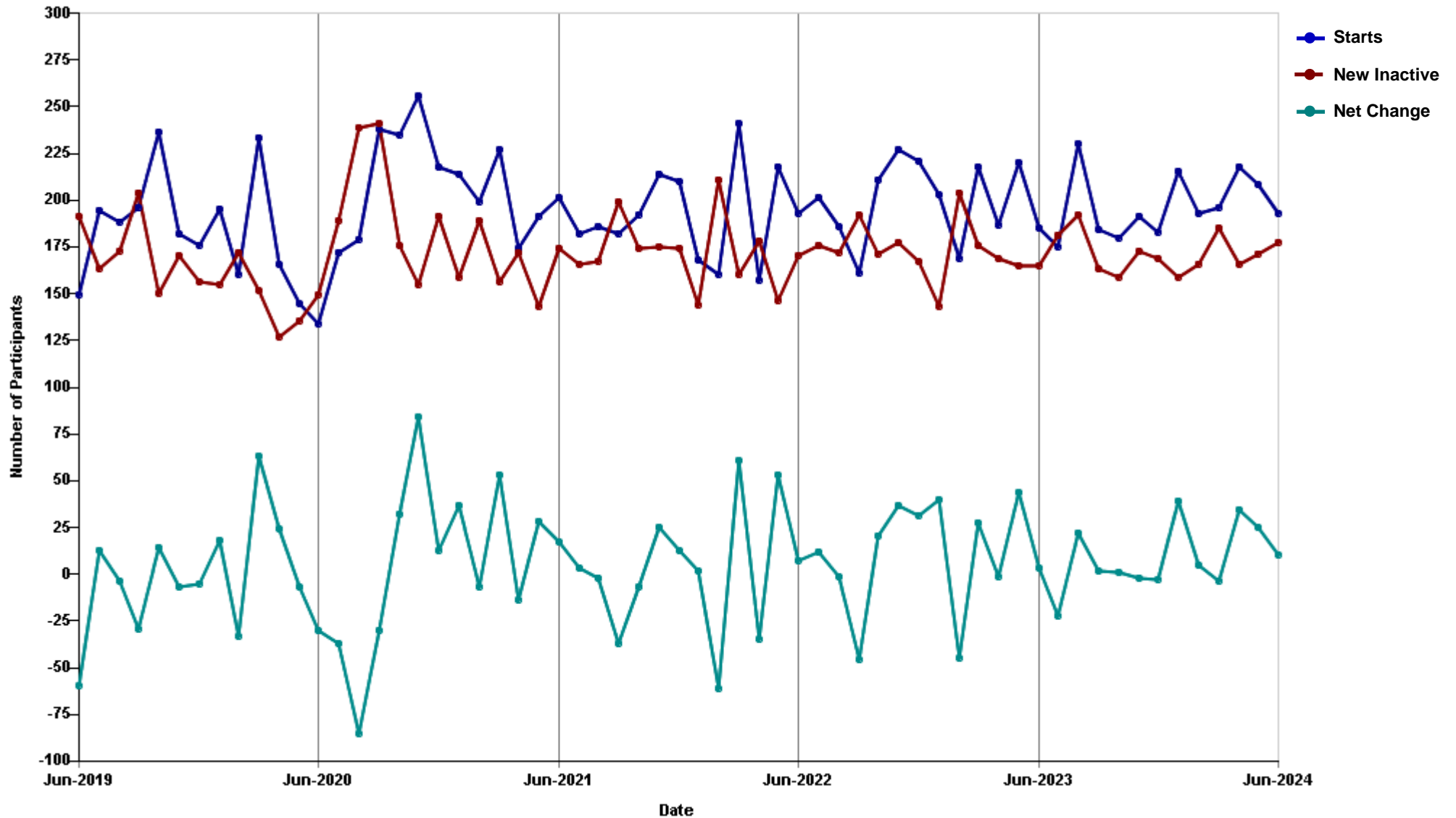
Notes:

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



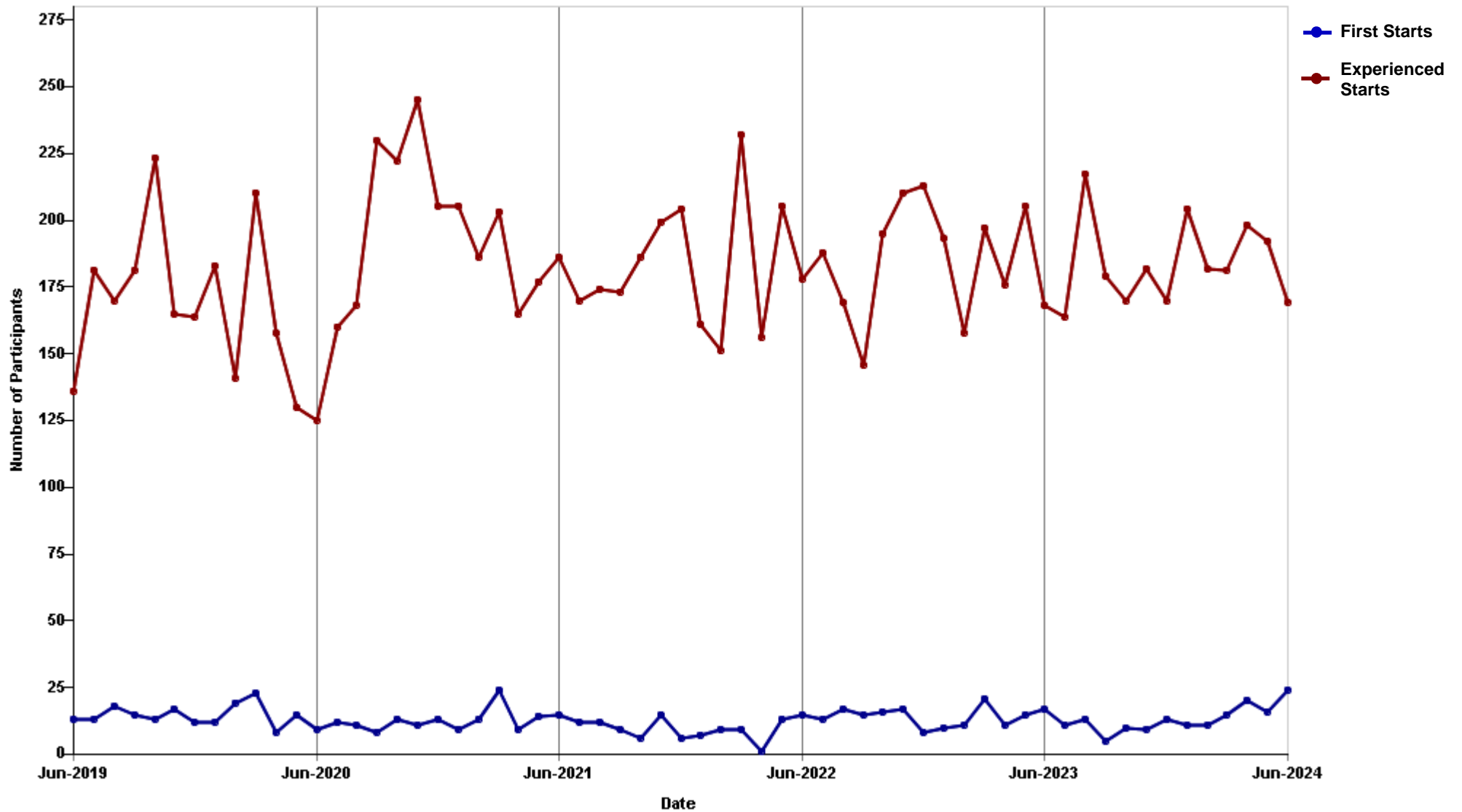


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (June 2019 - June 2024)



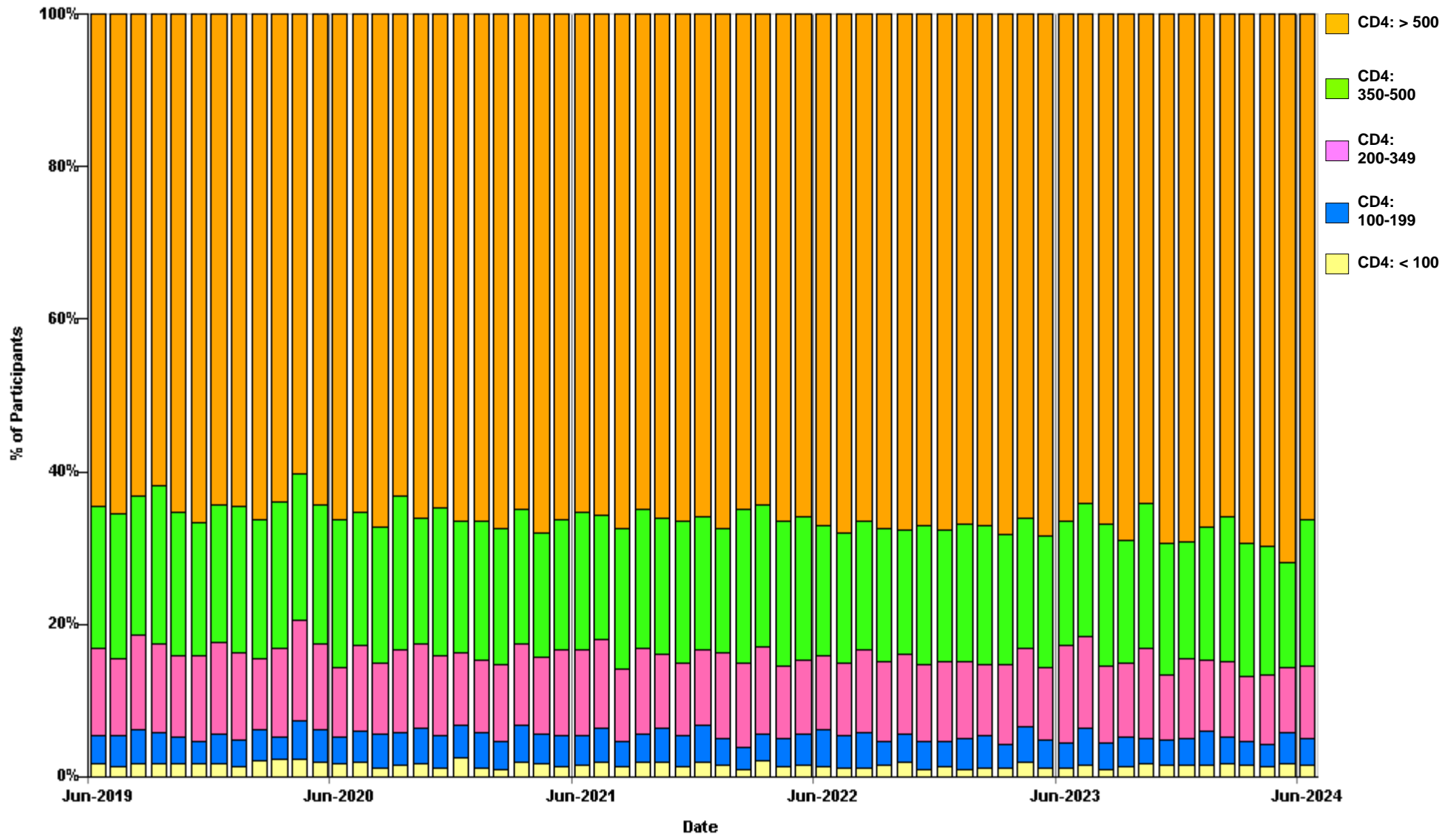


1.5 BC-CfE Enrolment: New Antiretroviral Participants (June 2019 - June 2024)



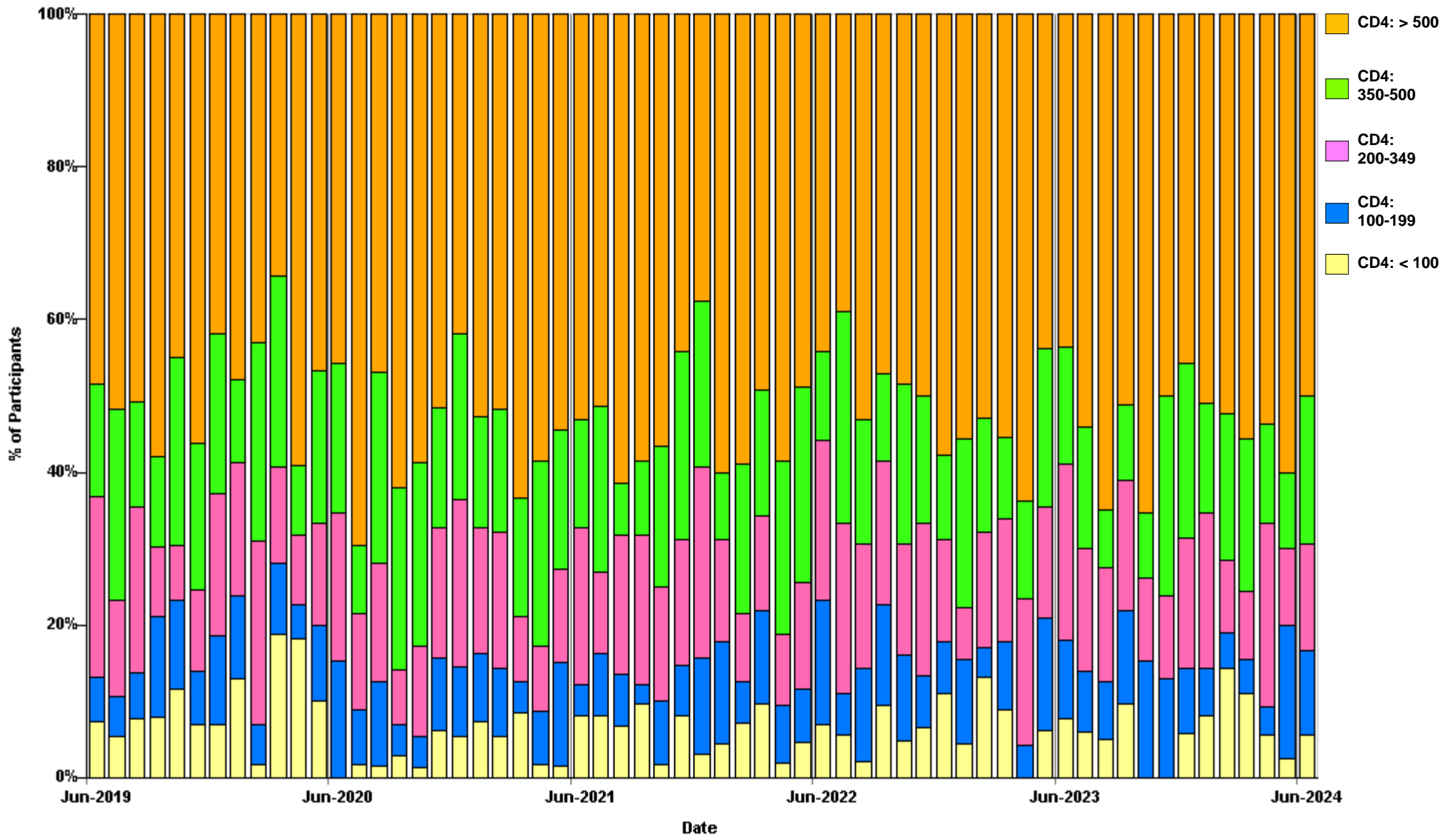


1.6 Percent Distribution of Active Participants by CD4 Count (June 2019 - June 2024)



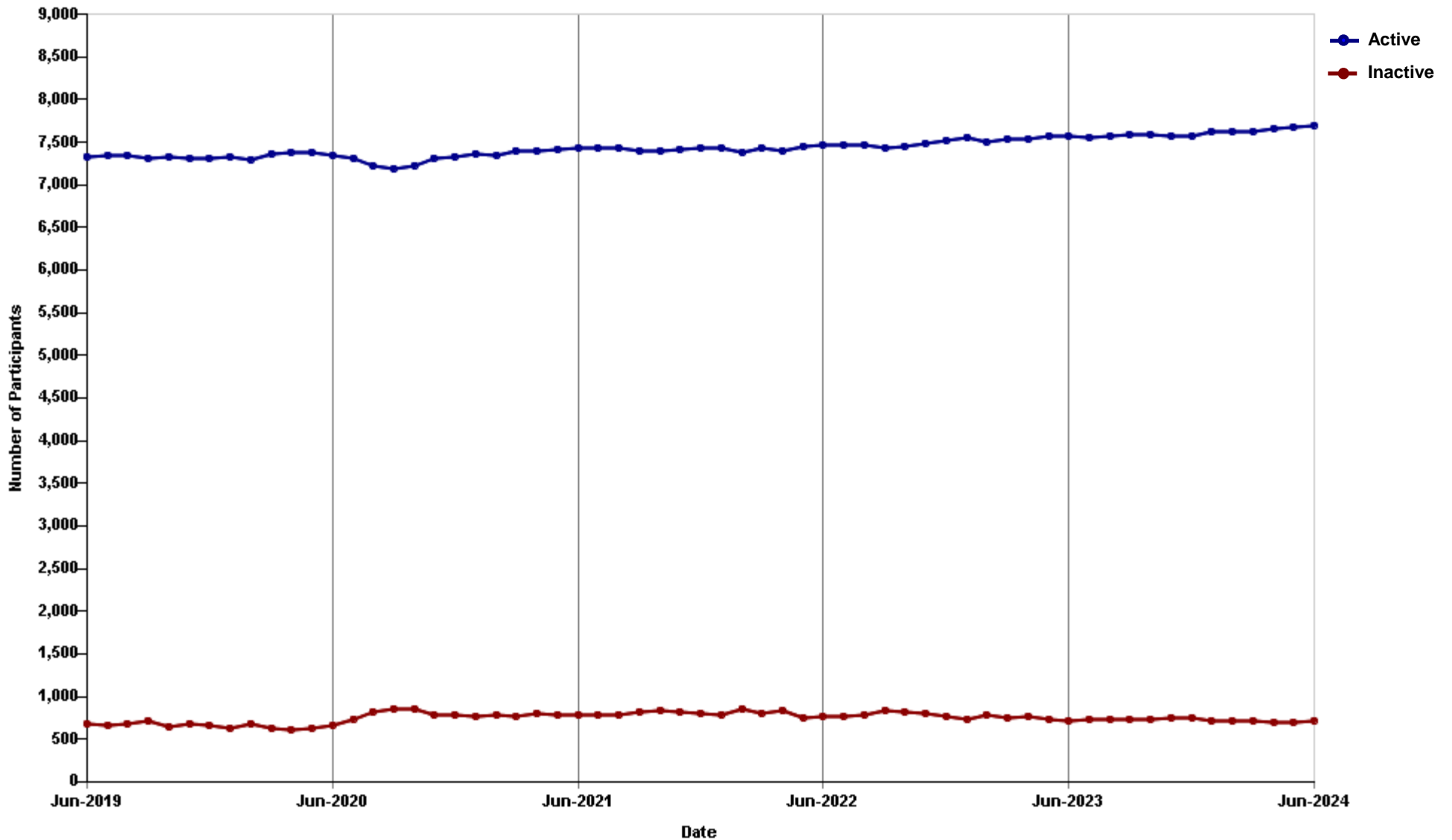


1.7 Percent Distribution of Inactive Participants by CD4 Count (June 2019 - June 2024)



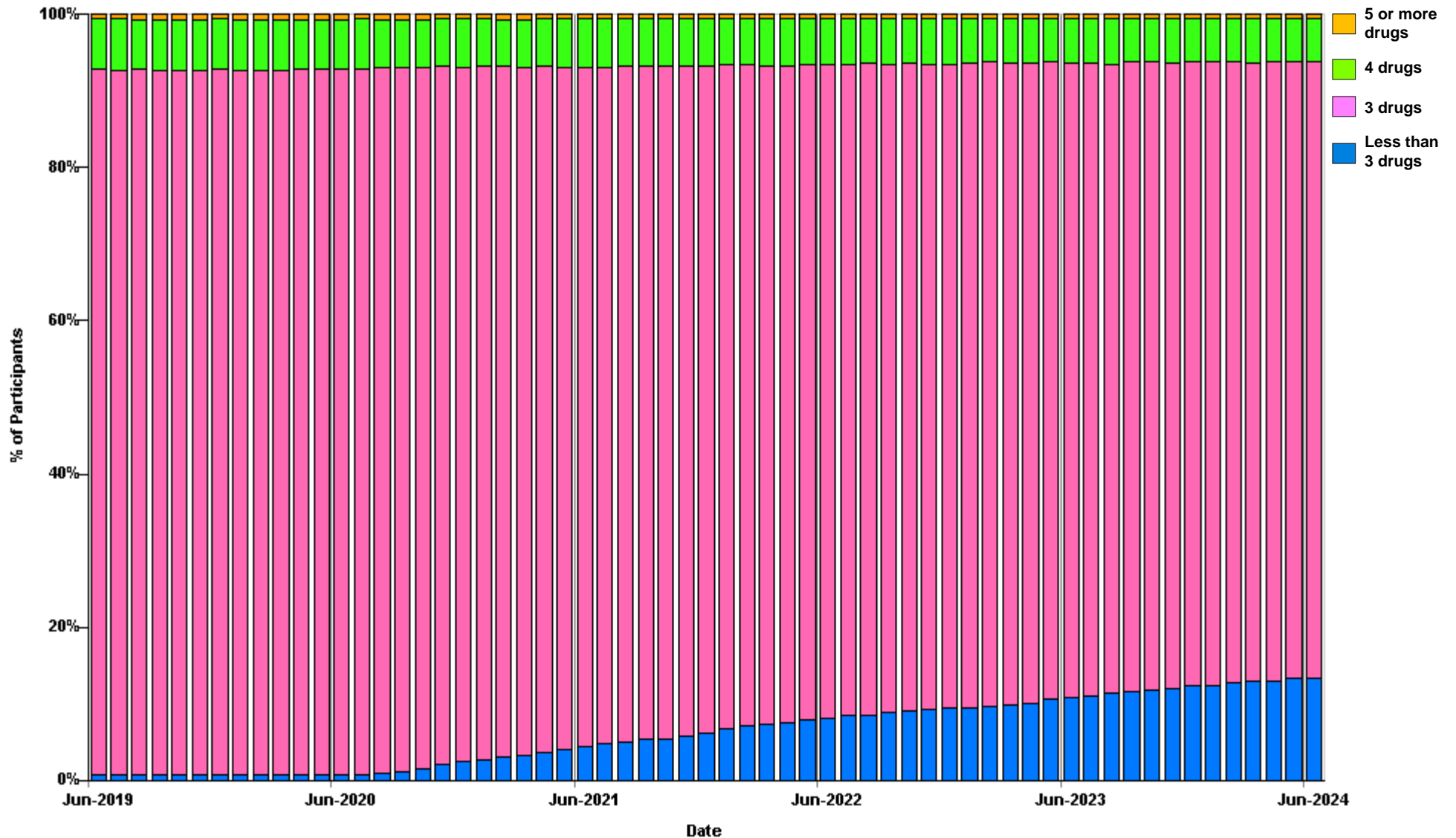


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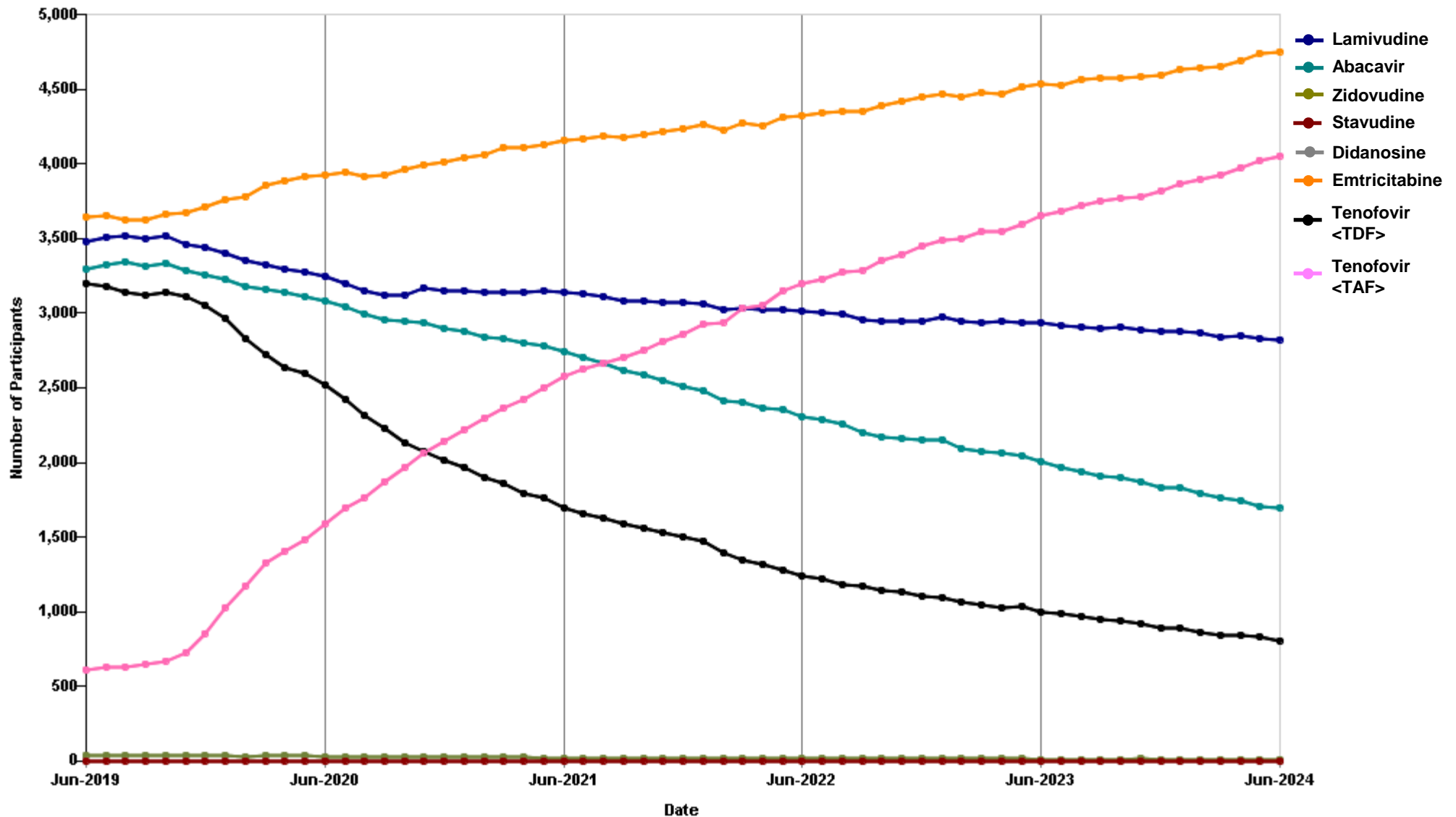


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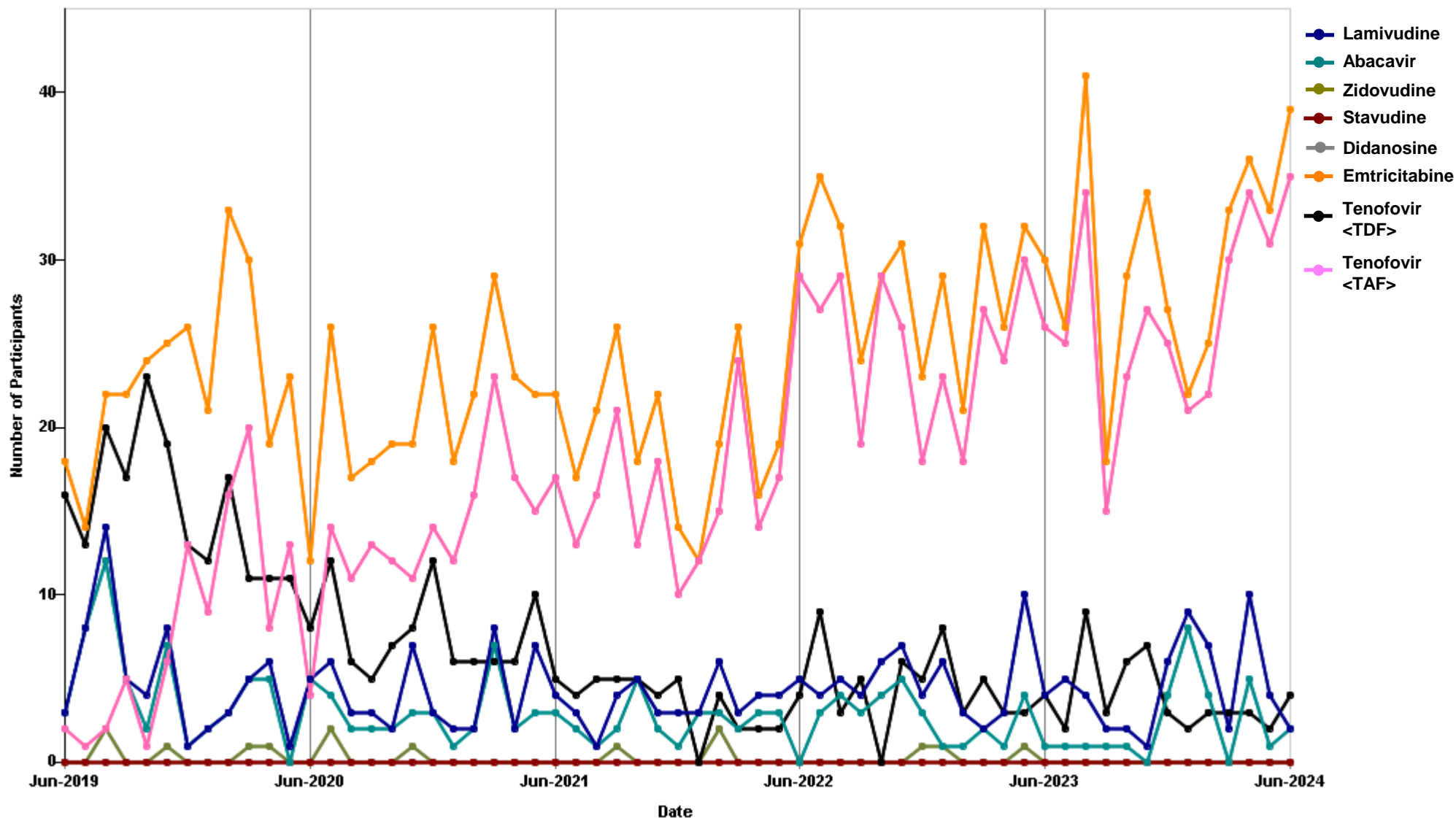
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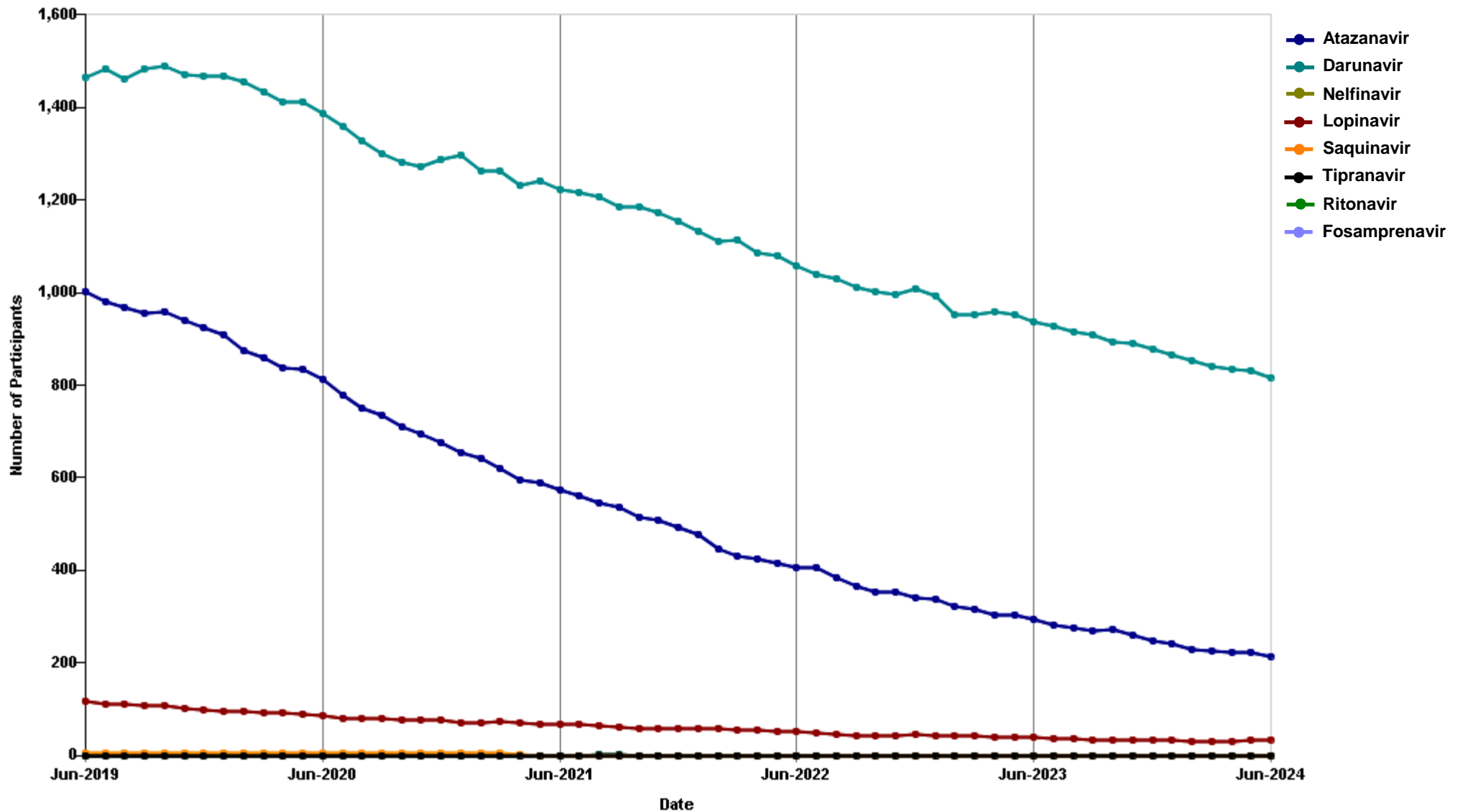
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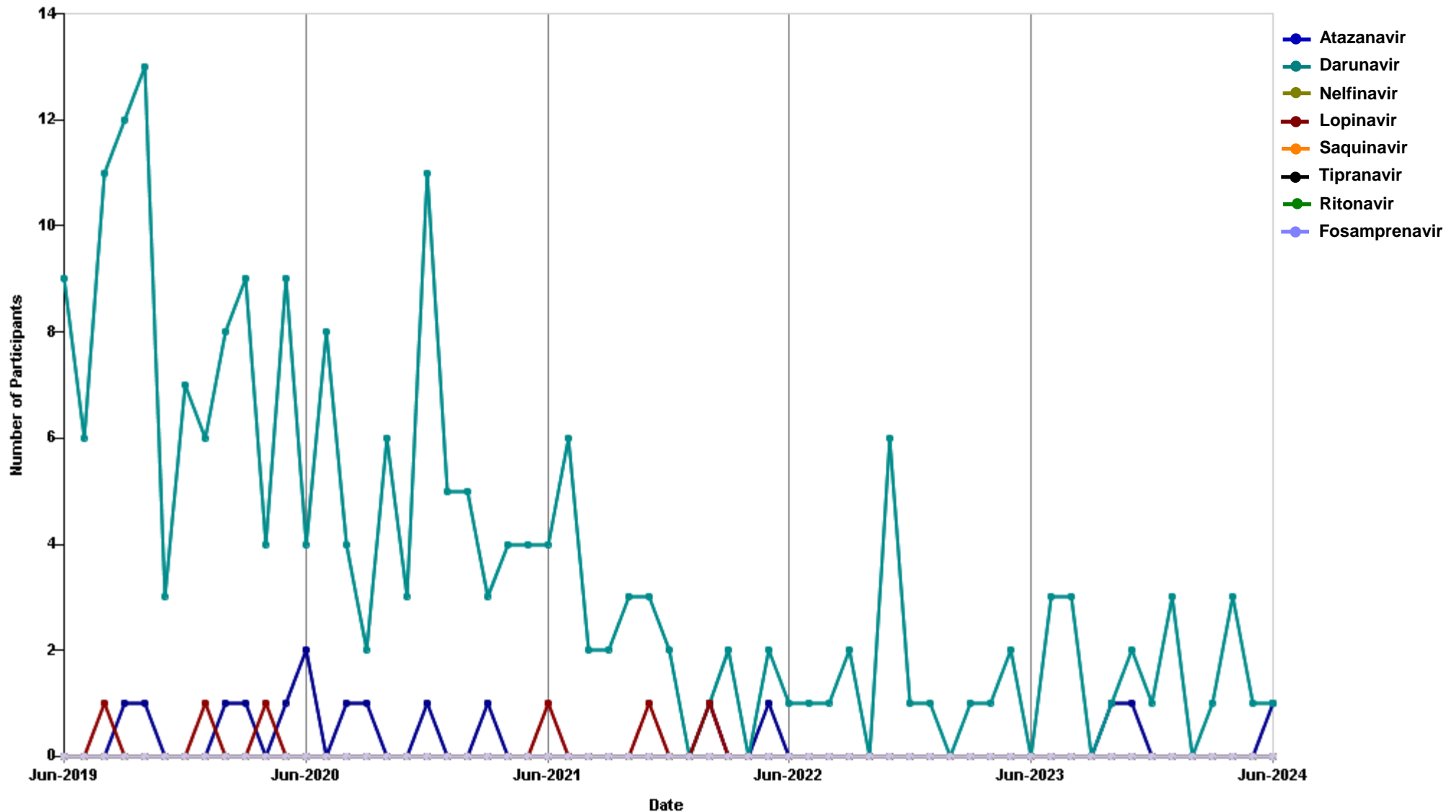
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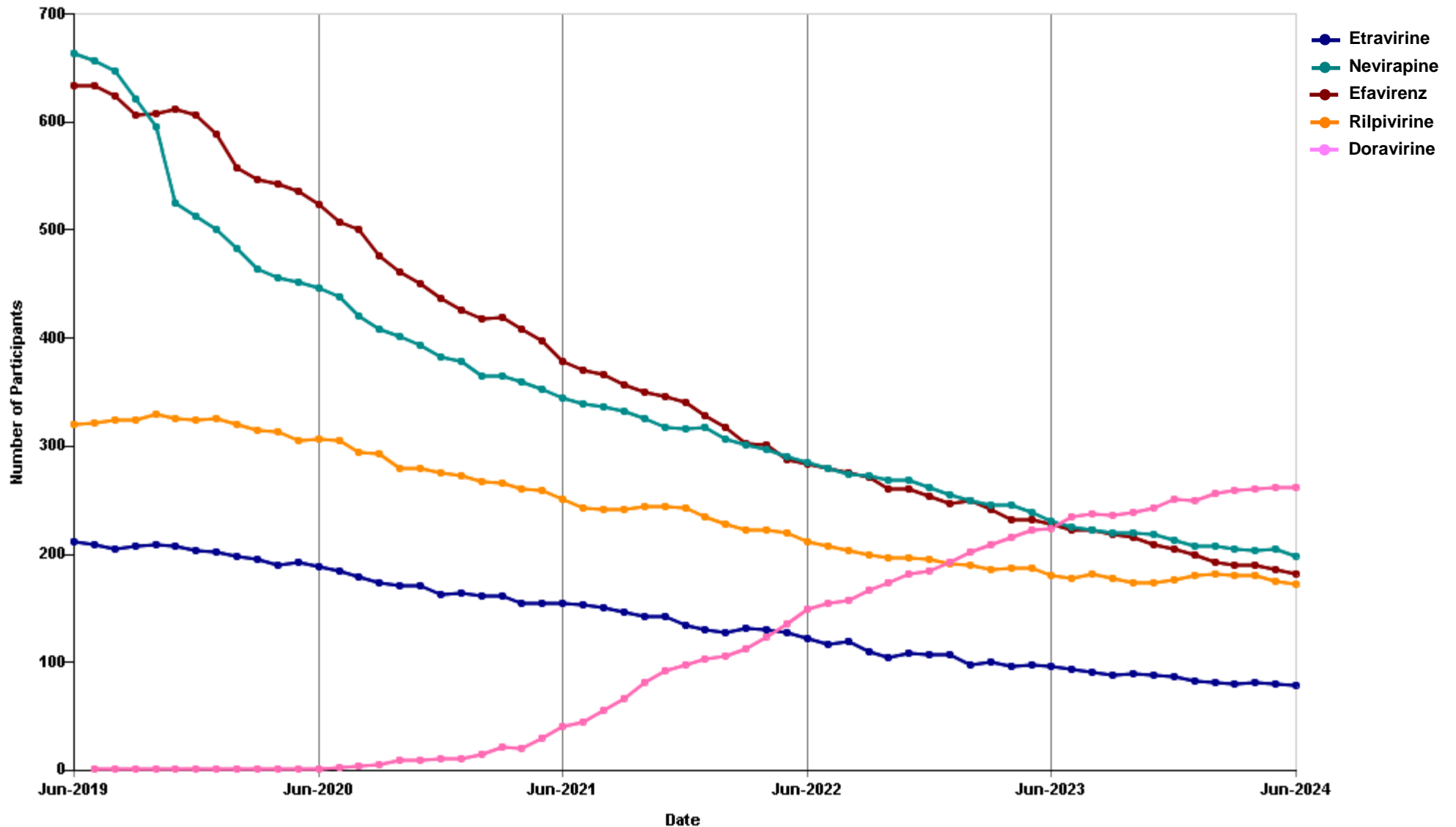
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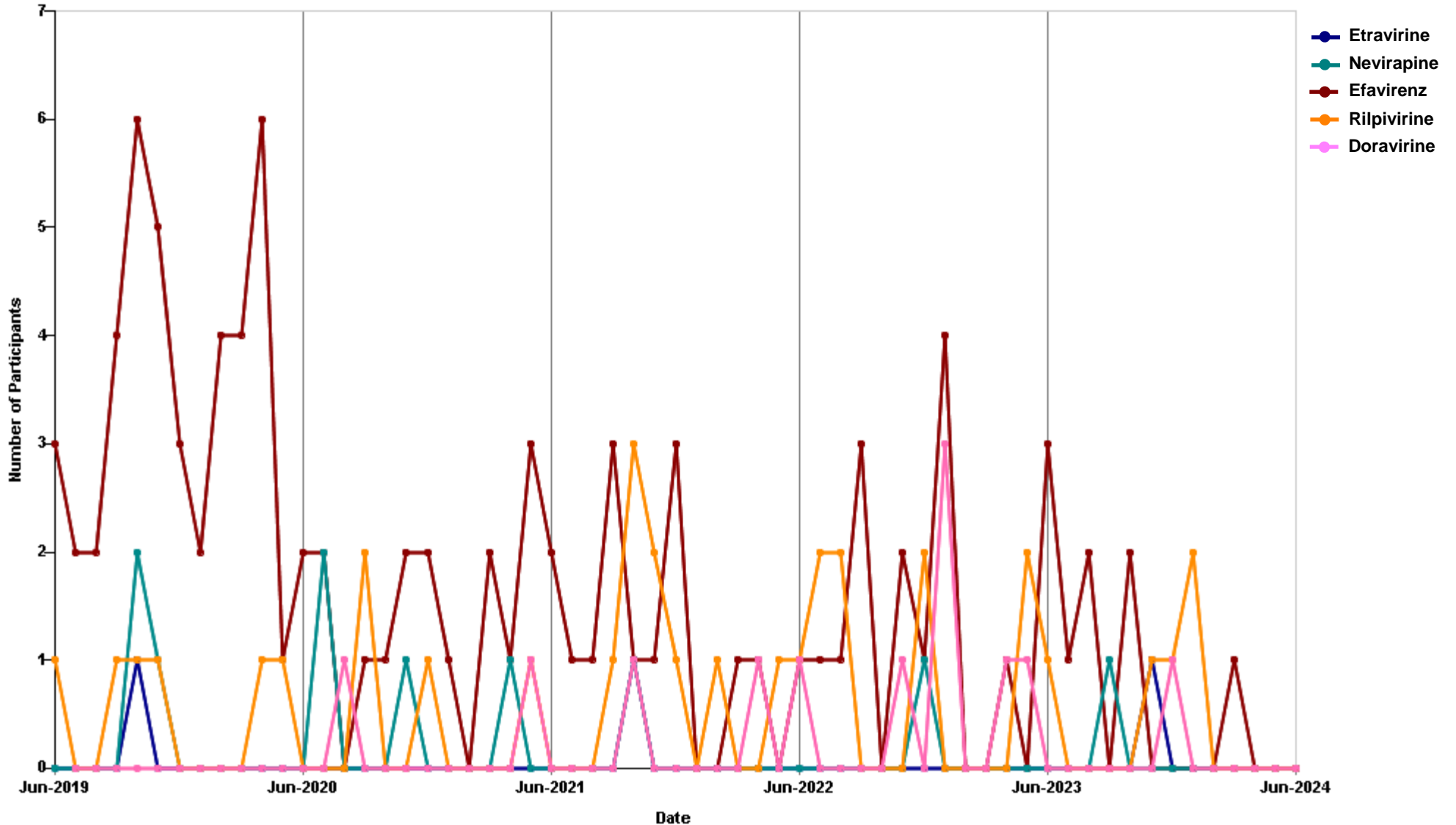
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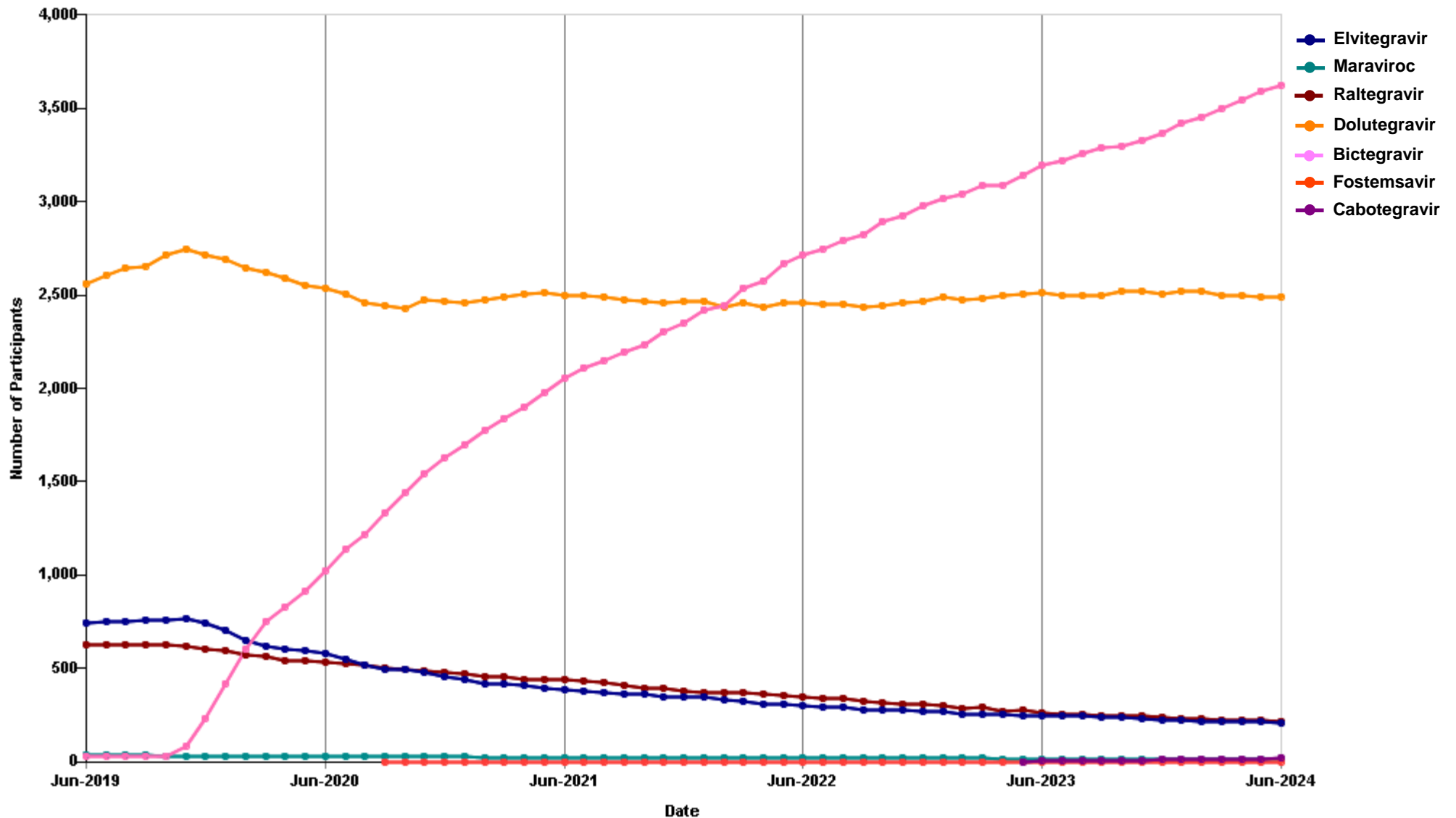
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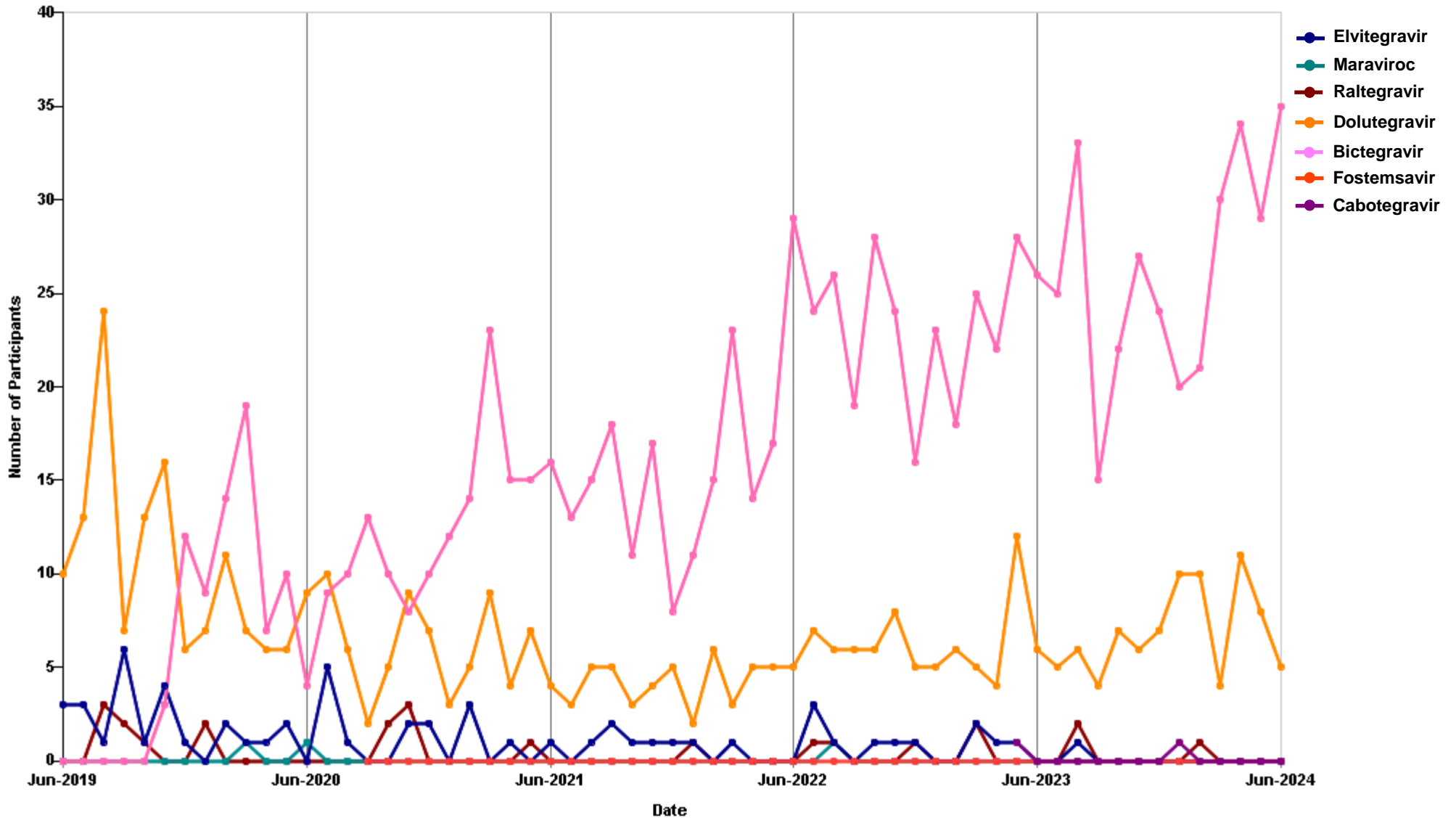
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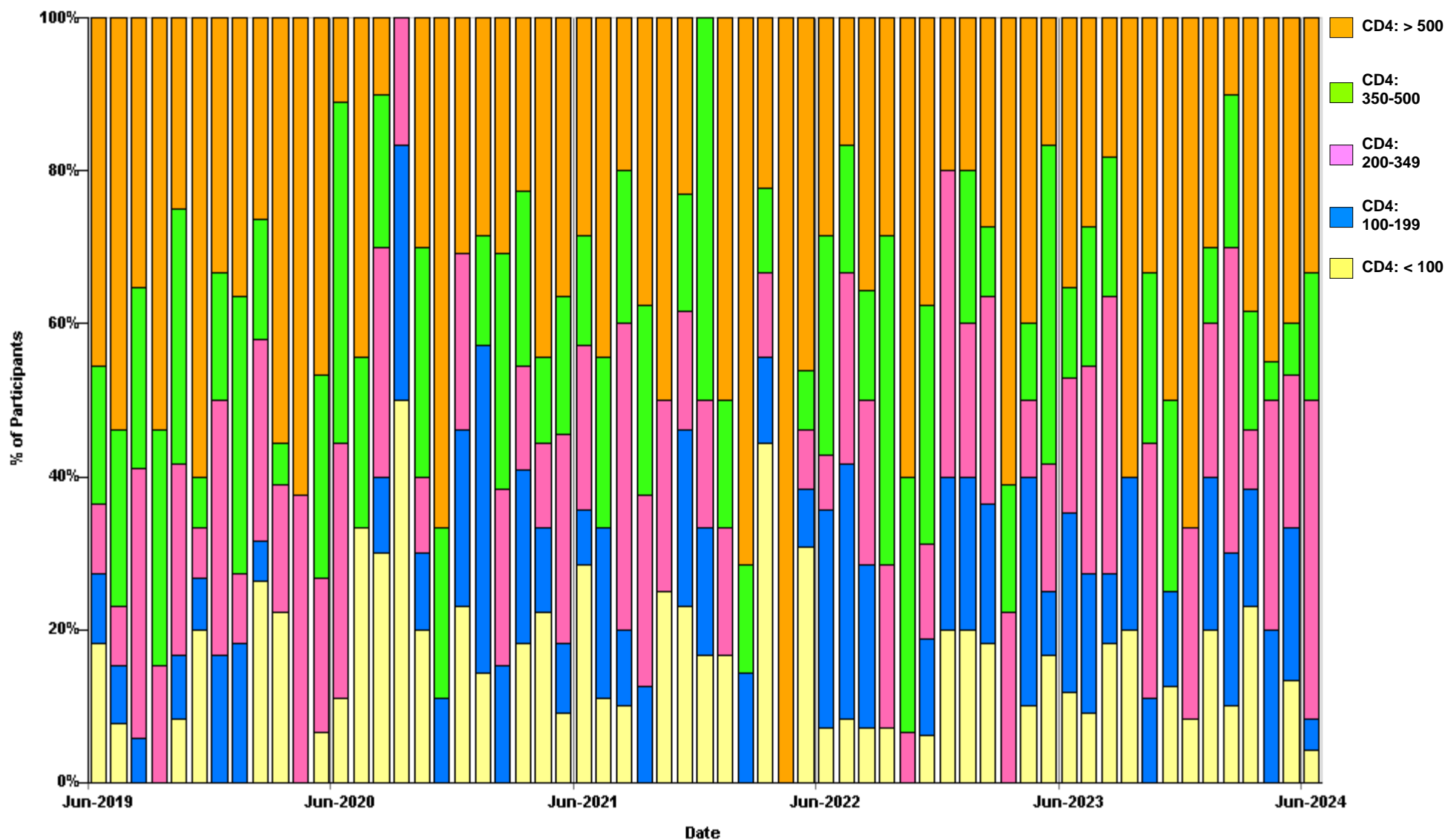
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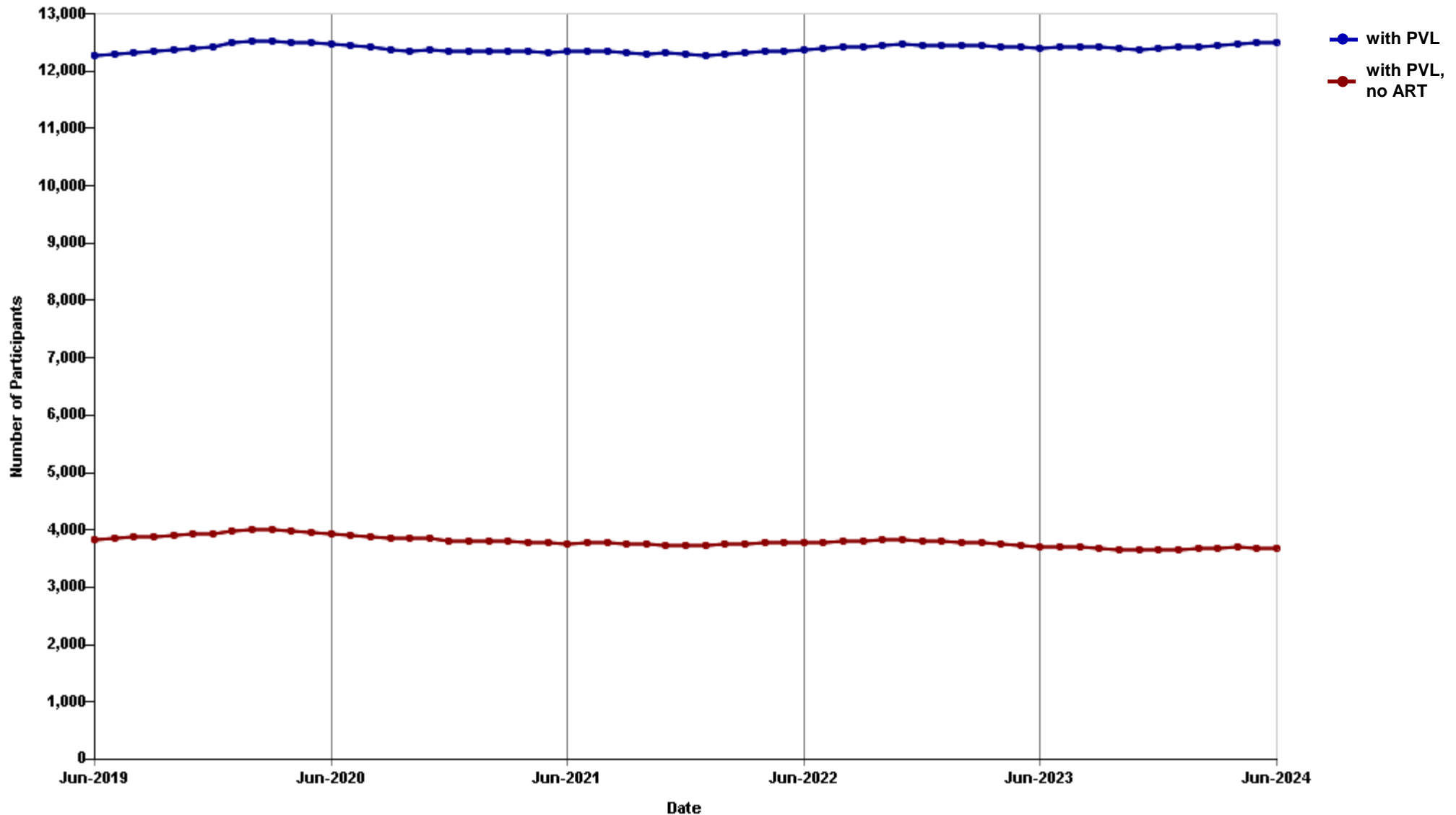


1.18 Baseline CD4 for Antiretroviral First Starts (June 2019 - June 2024)



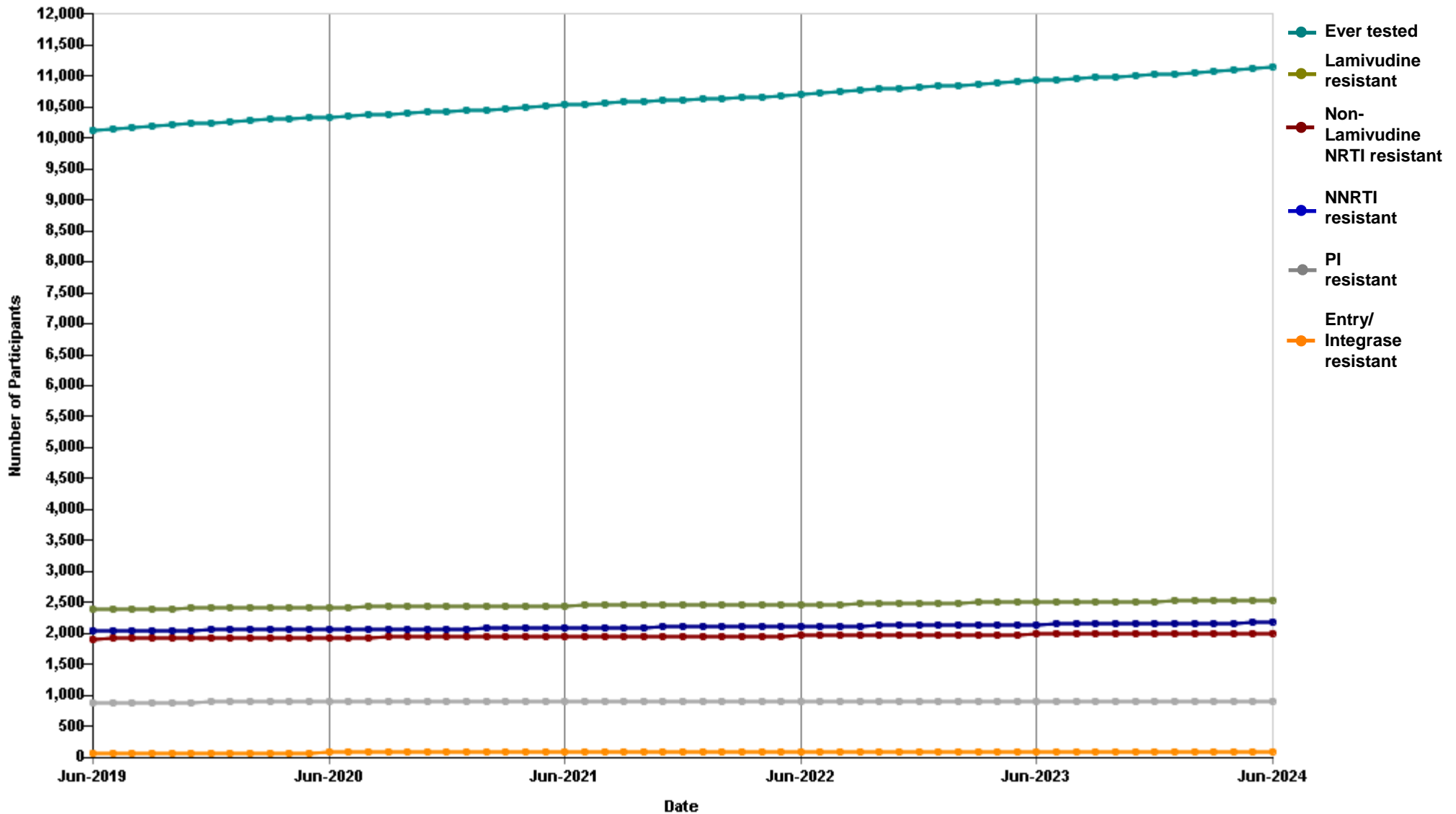


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (June 2019 - June 2024)



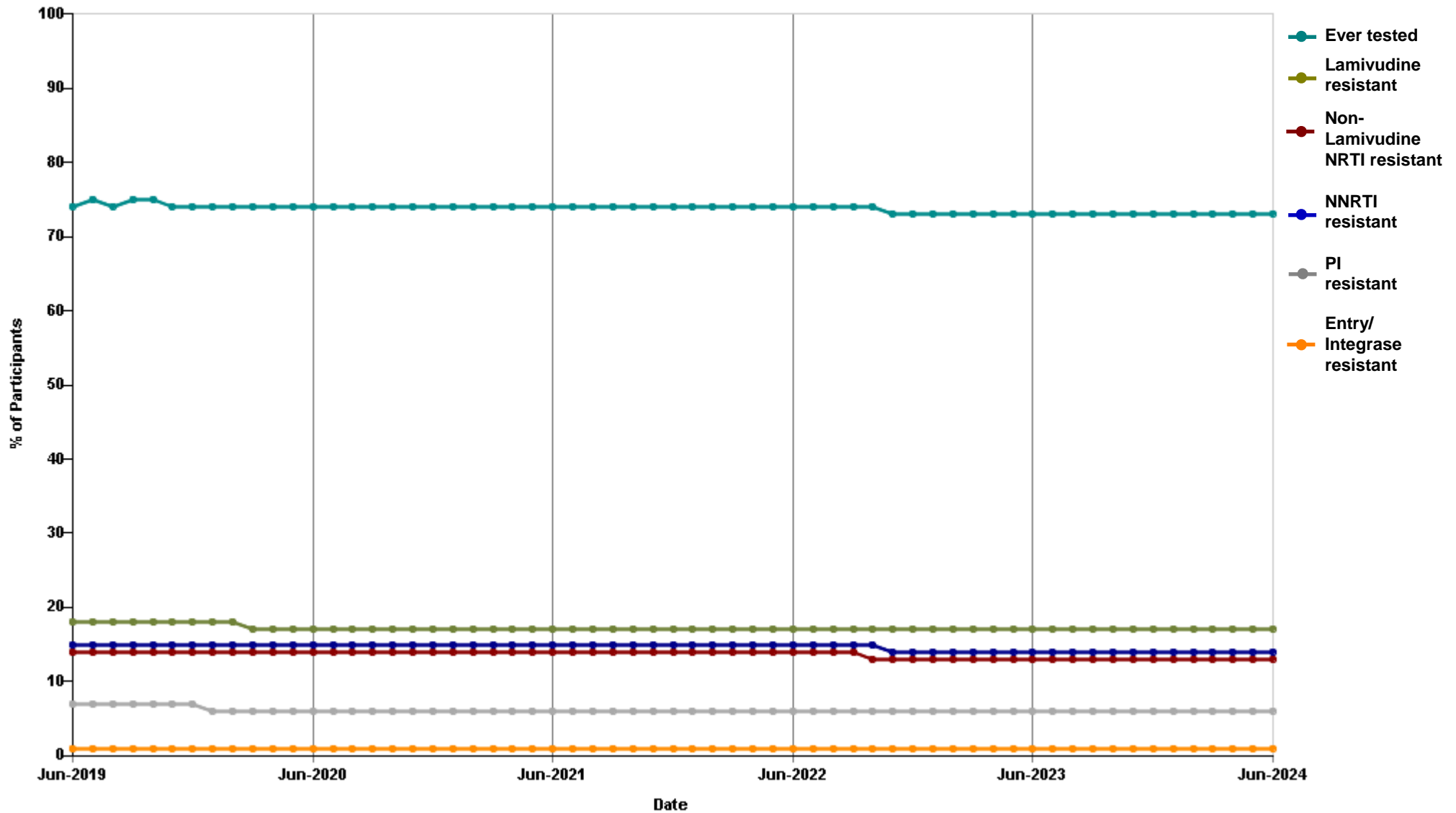


1.20 Cumulative Resistance Testing Results by Resistance Category (June 2019 - June 2024)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (June 2019 - June 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	33	3	0	3	0		3	<40	3
1988	33	4	0	4	1	480	4	<40	4
1989	31	45	1	46	16	510	45	<40	3
1990	30	48	1	49	22	580	47	<40	3
1991	30	35	3	38	15	510	37	<40	3
1992	30	49	5	54	19	680	51	<40	3
1993	29	107	14	121	59	580	113	<40	3
1994	27	66	11	77	45	570	73	<40	3
1995	27	117	19	136	69	580	126	<40	3
1996	25	293	45	338	173	590	304	<40	3
1997	23	250	28	278	152	610	256	<40	3
1998	23	173	35	208	112	550	185	<40	3
1999	23	144	39	183	112	605	165	<40	3
2000	23	108	26	134	72	645	119	<40	3
2001	22	107	23	130	67	630	119	<40	3
2002	21	111	20	131	74	570	125	<40	3
2003	21	128	26	154	91	575	145	<40	3
2004	20	136	36	172	98	665	157	<40	3
2005	19	164	43	207	124	685	192	<40	3
2006	18	157	39	196	114	650	181	<40	3
2007	17	219	37	256	160	690	238	<40	3
2008	16	261	55	316	198	670	294	<40	3
2009	15	281	58	339	183	630	304	<40	3
2010	14	244	62	306	176	665	273	<40	3
2011	13	305	68	373	207	720	322	<40	3
2012	12	253	61	314	168	745	276	<40	3
2013	11	236	63	299	180	735	276	<40	3
2014	10	264	44	308	171	740	273	<40	3
2015	9	253	43	296	162	740	266	<40	3
2016	8	224	47	271	161	680	240	<40	3
2017	7	194	32	226	139	670	208	<40	3
2018	6	165	43	208	123	760	184	<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	210	41	251	163	680	227	<40	3
2020	4	159	50	209	136	720	182	<40	3
2021	3	182	33	215	132	660	194	<40	3
2022	2	239	46	285	192	690	265	<40	3
2023	1	272	67	339	227	590	320	<40	3
2024	0	169	45	214	198	570	211	<40	3
Total:		6375	1309	7684					

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	1065	650
OCT-2023	7611	803	1887	<40	1151	620
NOV-2023	7612	797	1853	<40	1095	650
DEC-2023	7604	801	1549	<40	913	640
JAN-2024	7643	792	1973	<40	1166	650
FEB-2024	7646	784	1772	<40	1028	620
MAR-2024	7635	792	1680	<40	978	650
APR-2024	7672	786	1944	<40	1212	660
MAY-2024	7694	787	1880	<40	1050	660
JUN-2024	7697	787	1696	<40	981	650

Definitions:

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

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

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





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

MON-YYYY	# of patients	Median # days of off therapy	# of patients with PVL test	Median PVL	# of patients with CD4 test	Median CD4
JAN-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	734	210	60	<40	46	625
NOV-2023	743	203	66	<40	46	515
DEC-2023	751	192	47	<40	35	473
JAN-2024	708	219	67	<40	49	520
FEB-2024	708	227	59	<40	42	605
MAR-2024	722	198	66	<40	45	600
APR-2024	702	228	66	<40	54	545
MAY-2024	698	223	57	<40	40	555
JUN-2024	714	194	59	<40	36	505

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	7580	734	18	10	170	159	1	15060
NOV-2023	7578	743	17	9	182	173	-2	15096
DEC-2023	7575	751	14	13	170	169	-3	15129
JAN-2024	7614	708	16	11	204	159	39	15161
FEB-2024	7619	708	17	11	182	166	5	15193
MAR-2024	7615	722	12	15	181	185	-4	15228
APR-2024	7649	702	17	20	198	166	34	15274
MAY-2024	7674	698	11	16	192	171	25	15311
JUN-2024	7684	714	5	24	169	177	10	15352

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	6238	433	41	7611	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	6192	434	40	7604	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	6197	436	39	7646	12.74%	81.05%	5.70%	0.51%	100.00%
MAR-2024	993	6158	440	44	7635	13.01%	80.65%	5.76%	0.58%	100.00%
APR-2024	1003	6186	437	46	7672	13.07%	80.63%	5.70%	0.60%	100.00%
MAY-2024	1026	6194	435	39	7694	13.34%	80.50%	5.65%	0.51%	100.00%
JUN-2024	1036	6190	428	43	7697	13.46%	80.42%	5.56%	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%	2905 39%	1 3%	1895 25%	0 0%	14 0%	23 74%	3766 50%	6 19%	936 13%	29 94%	4573 61%
NOV-2023	1 3%	2892 39%	0 0%	1866 25%	0 0%	15 0%	27 77%	3782 51%	7 20%	919 12%	34 97%	4584 61%
DEC-2023	6 18%	2875 39%	4 12%	1831 25%	0 0%	13 0%	25 76%	3820 51%	3 9%	896 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%	2867 38%	4 13%	1795 24%	0 0%	13 0%	22 69%	3896 52%	3 9%	863 12%	25 78%	4641 62%
MAR-2024	2 6%	2844 38%	0 0%	1759 23%	0 0%	13 0%	30 86%	3927 52%	3 9%	843 11%	33 94%	4656 62%
APR-2024	10 22%	2845 38%	5 11%	1743 23%	0 0%	13 0%	34 74%	3969 53%	3 7%	843 11%	36 78%	4691 62%
MAY-2024	4 11%	2825 37%	1 3%	1709 23%	0 0%	12 0%	31 84%	4021 53%	2 5%	833 11%	33 89%	4738 63%
JUN-2024	2 5%	2820 37%	2 5%	1694 22%	0 0%	13 0%	35 85%	4052 54%	4 10%	802 11%	39 95%	4744 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%	222 20%	1 100%	830 77%	0 0%	33 3%	0 0%	0 0%	0 0%	0 0%
JUN-2024	1 50%	214 20%	1 50%	815 77%	0 0%	33 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%	239 26%	2 100%	216 23%	0 0%	89 10%	0 0%	220 24%	0 0%	173 19%
NOV-2023	0 0%	243 26%	0 0%	209 22%	1 50%	88 9%	0 0%	219 24%	1 50%	173 19%
DEC-2023	1 50%	251 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%	256 28%	0 0%	192 21%	0 0%	82 9%	0 0%	207 23%	0 0%	182 20%
MAR-2024	0 0%	259 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%

Definitions:

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

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

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

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

Doravirine not currently available on BC-CfE Formulary





2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT

	bictegravir		cabotegravir		dolutegravir		elvitegravir		fostemsavir		maraviroc		raltegravir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-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%	3326 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%	2498 38%	0 0%	216 3%	0 0%	2 0%	0 0%	18 0%	0 0%	225 3%
MAY-2024	29 78%	3589 55%	0 0%	19 0%	8 22%	2490 38%	0 0%	213 3%	0 0%	2 0%	0 0%	15 0%	0 0%	222 3%
JUN-2024	35 88%	3619 55%	0 0%	21 0%	5 13%	2490 38%	0 0%	207 3%	0 0%	2 0%	0 0%	17 0%	0 0%	219 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	612	8.04	4808	63.17	897	11.79	618	8.12	61	0.80
NOV-2023	611	8.03	600	7.88	4798	63.03	918	12.06	624	8.20	61	0.80
DEC-2023	593	7.80	597	7.85	4808	63.23	936	12.31	614	8.07	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	585	7.65	4861	63.58	971	12.70	609	7.96	56	0.73
MAR-2024	543	7.11	579	7.58	4846	63.47	991	12.98	618	8.09	58	0.76
APR-2024	538	7.01	570	7.43	4886	63.69	1000	13.03	621	8.09	57	0.74
MAY-2024	537	6.98	566	7.36	4906	63.76	1023	13.30	608	7.90	54	0.70
JUN-2024	527	6.85	556	7.22	4918	63.90	1034	13.43	606	7.87	56	0.73

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

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	12380	3648
DEC-2023	12401	3656
JAN-2024	12410	3664
FEB-2024	12423	3671
MAR-2024	12455	3686
APR-2024	12480	3691
MAY-2024	12489	3688
JUN-2024	12499	3668

Definitions:

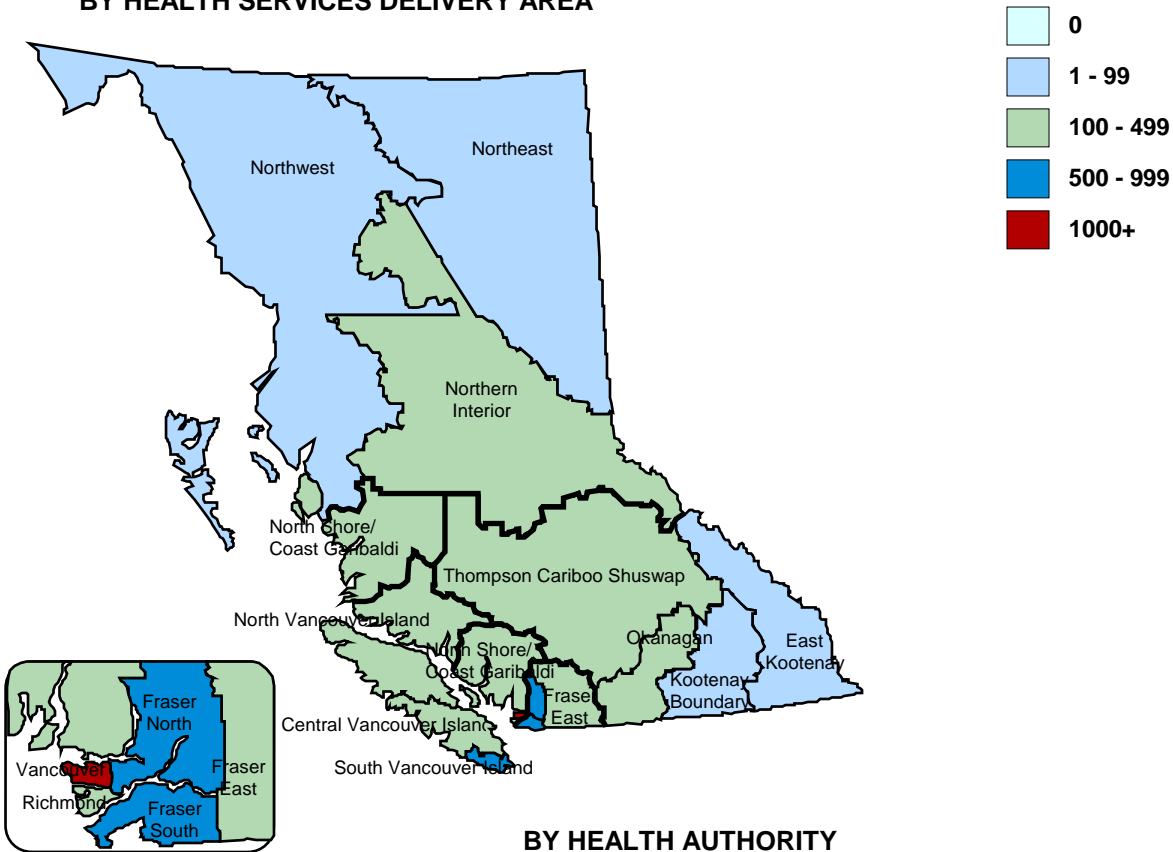
Patients with PVL test are defined as having at least one PVL test within previous five years, and not reported deceased/moved
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



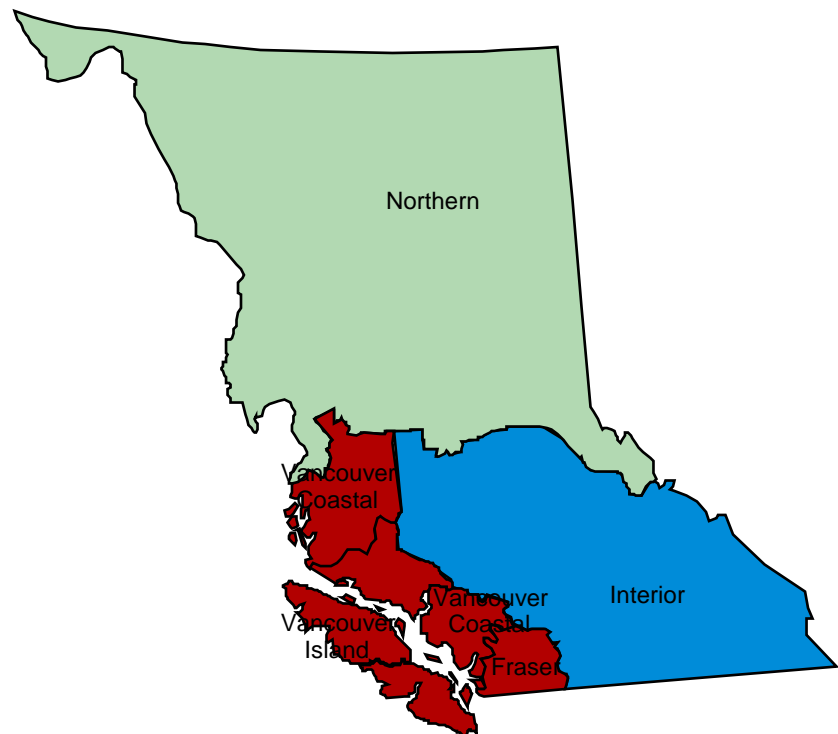


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7697
Jun-2024

BY HEALTH SERVICES DELIVERY AREA



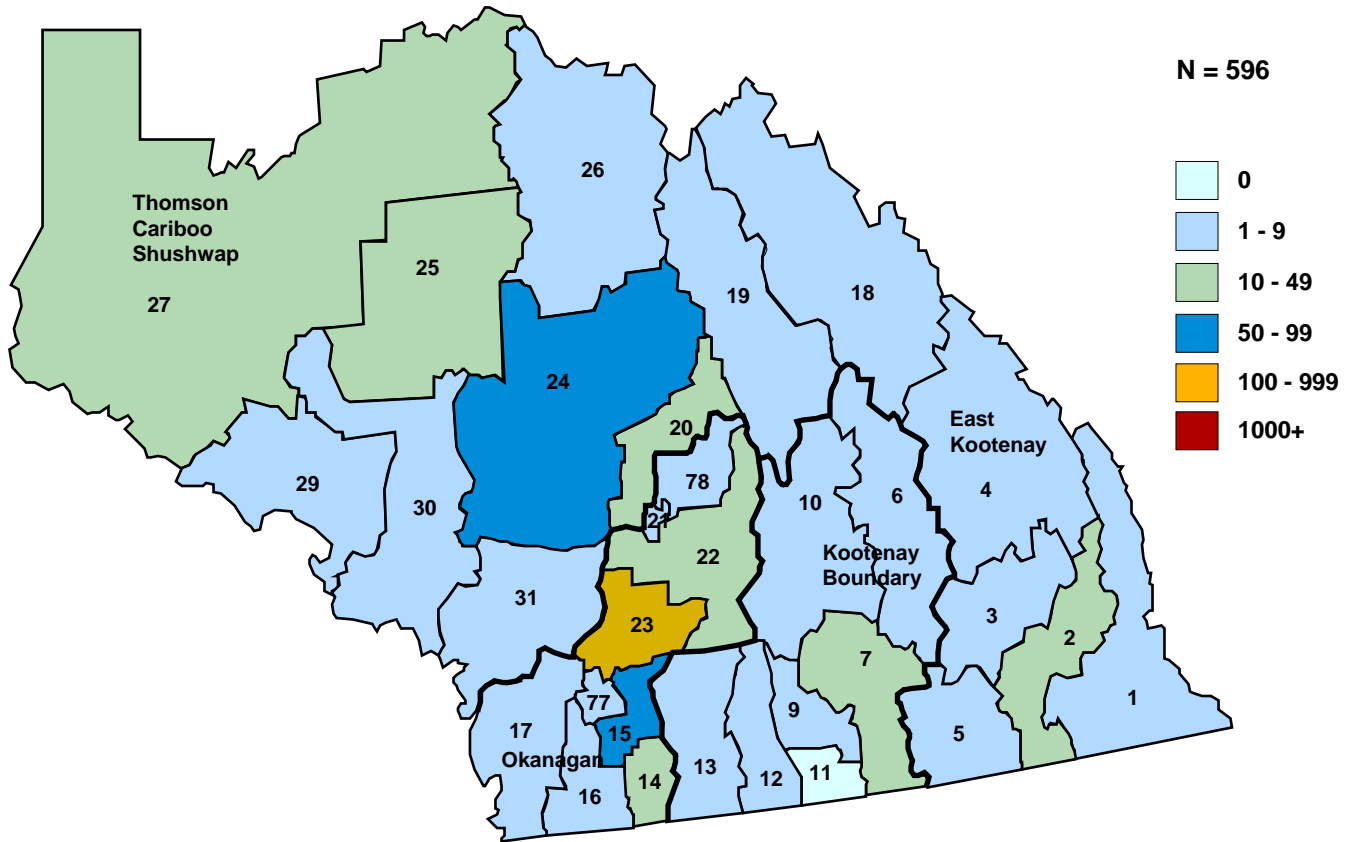
BY HEALTH AUTHORITY



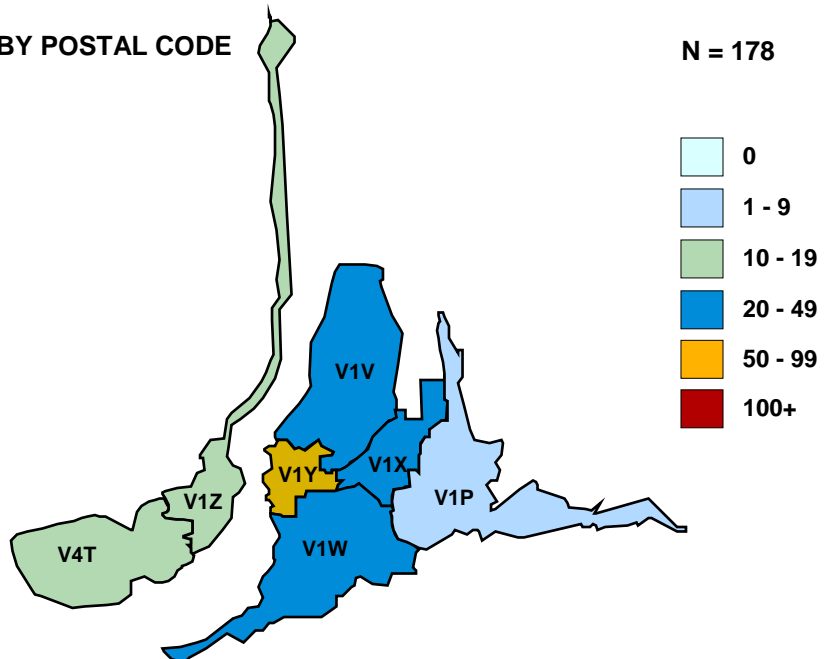


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2024

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



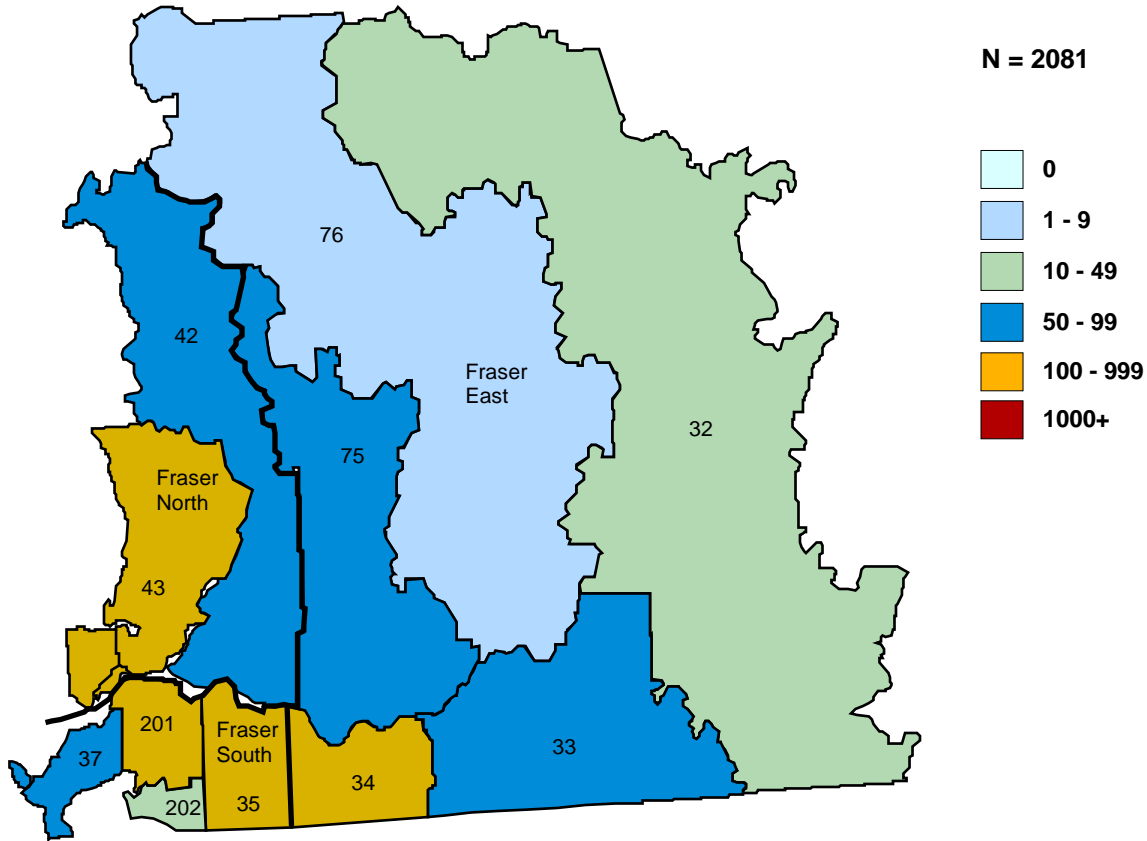
KELOWNA BY POSTAL CODE



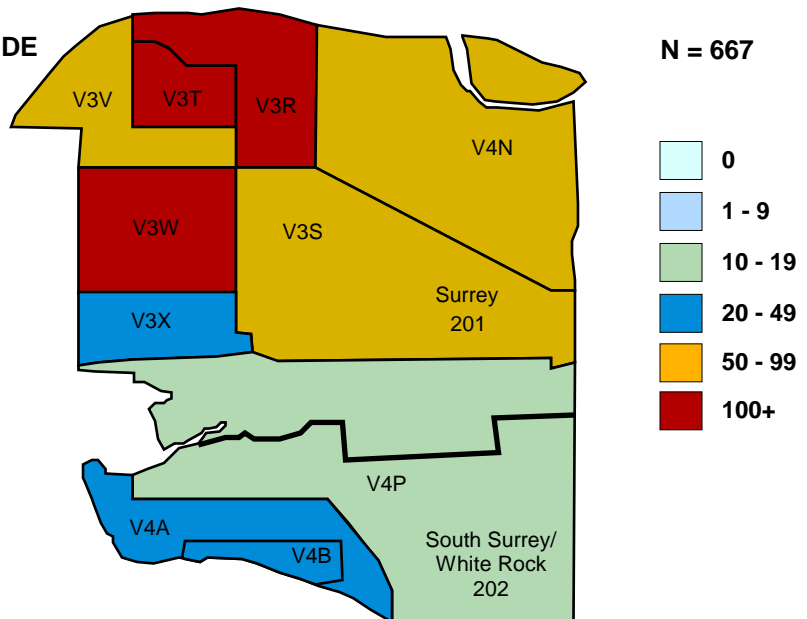


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2024

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



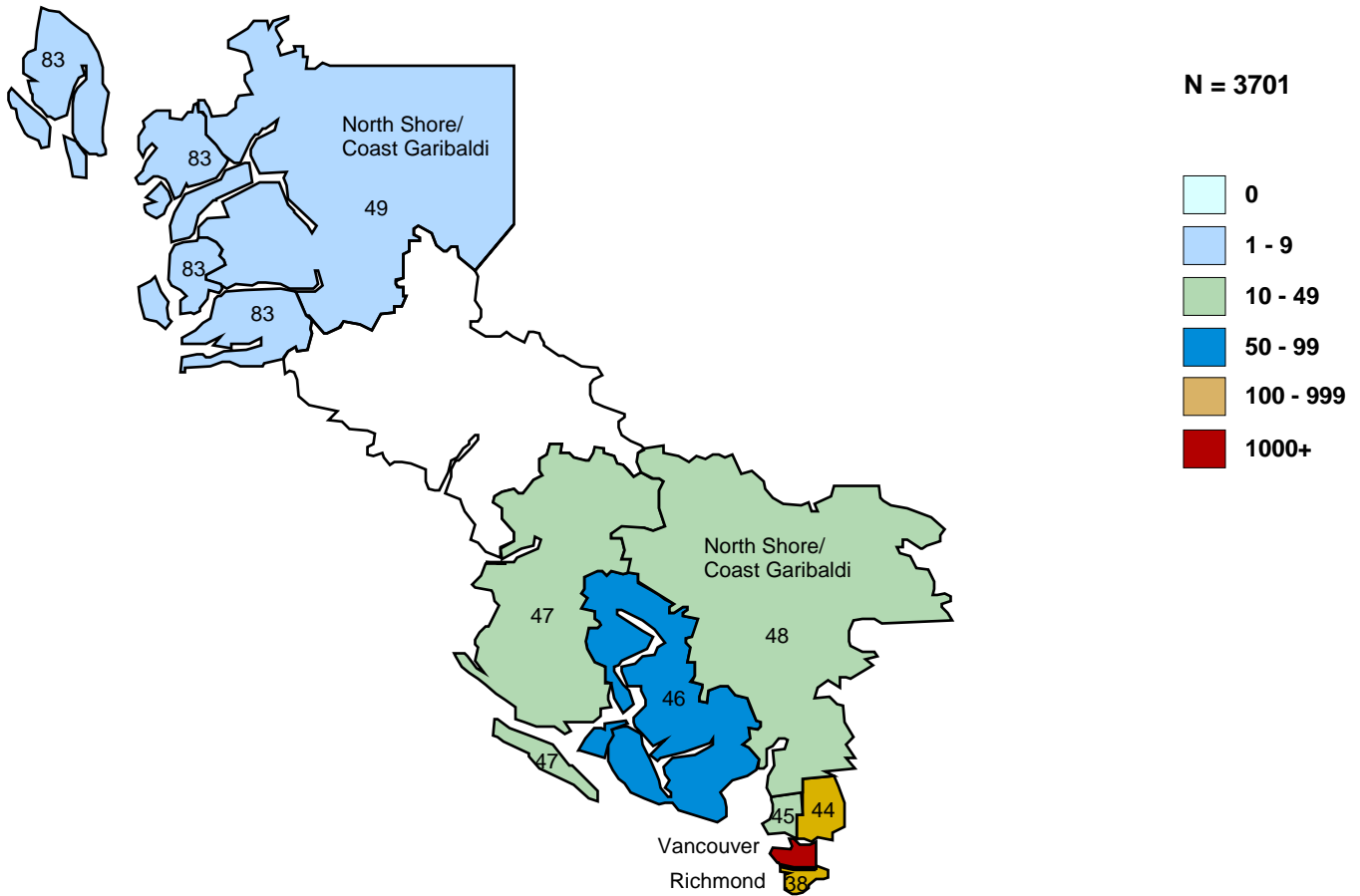
SURREY BY POSTAL CODE



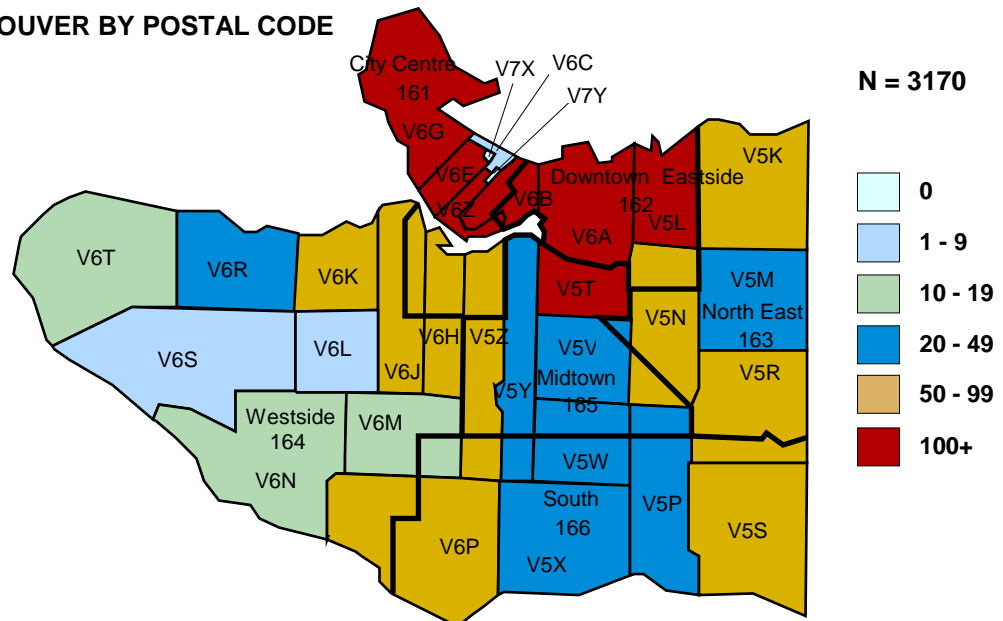


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2024

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



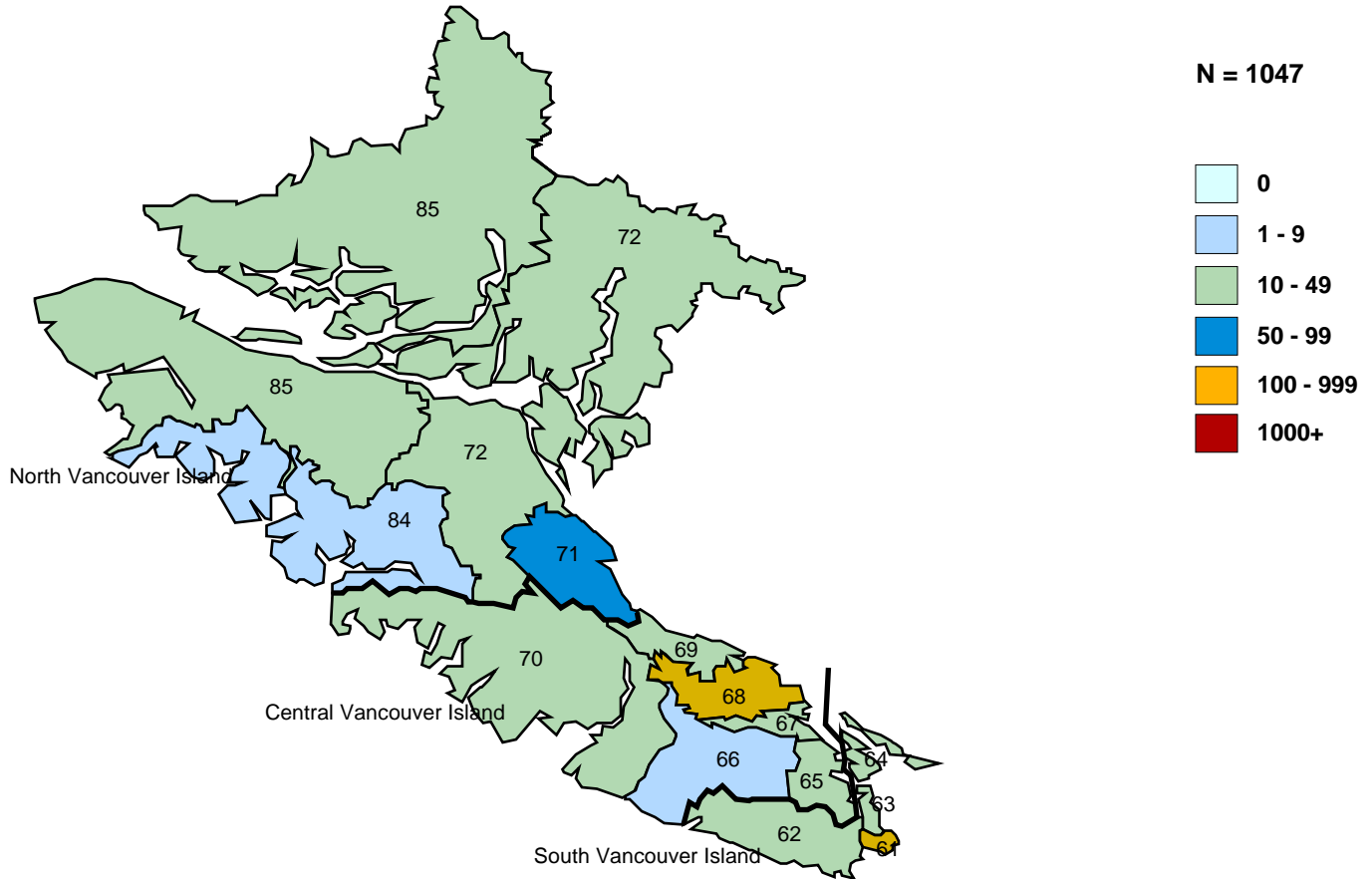
VANCOUVER BY POSTAL CODE



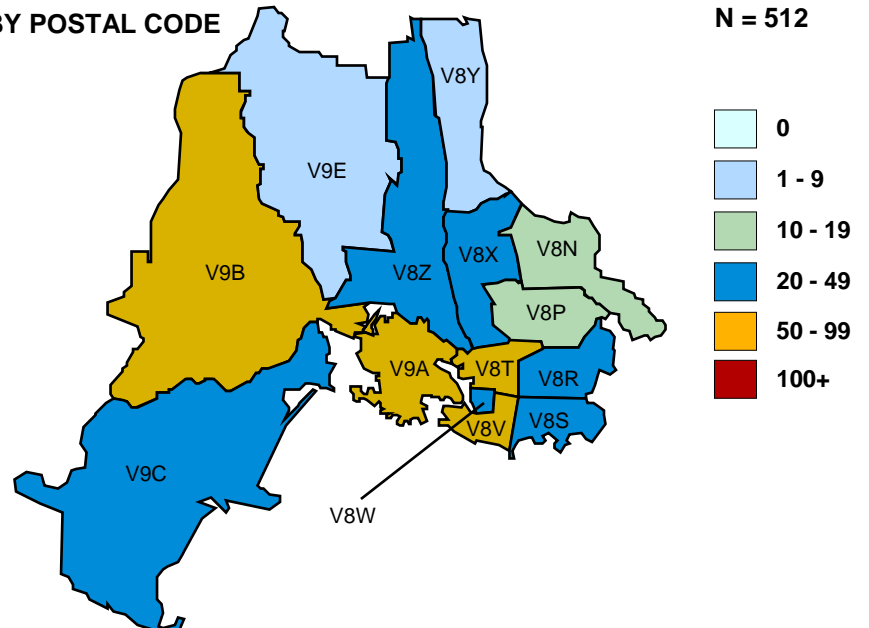


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2024

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



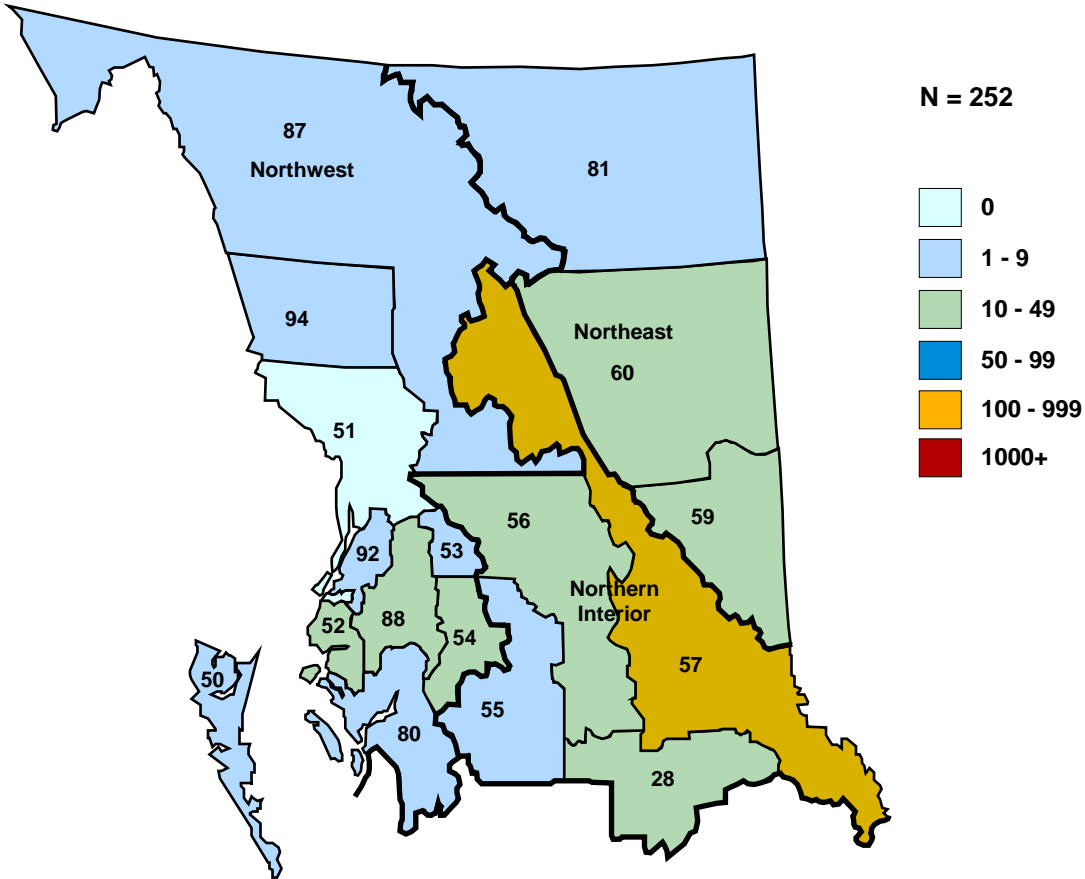
VICTORIA BY POSTAL CODE



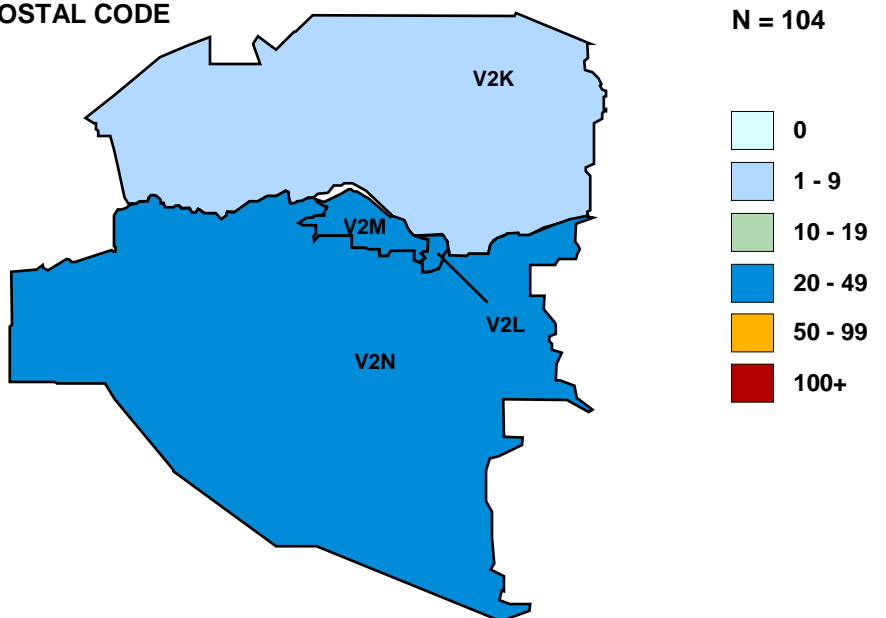


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2024

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+	30	47	19
	Total HSDA:	47	64	30
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	69	100	49	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	467	630	347	
THOMPSON/CARIBOO/ SHUSWAP	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	230	320	170	
Total HA:		813	1114	596

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	6
	20-34	81	82	61
	35-49	188	205	132
	50+	538	821	397
Total HA:		813	1114	596

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	160	223	114
Male	653	891	482

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	596	56	665	<40

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

Definitions:

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

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





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

HSDA	Treatment Duration	Alive	Currently treated with ARVs
EAST KOOTENAY	10 years or more	24	11
	5 years or more	14	10
	<5 years	9	9
	Total HSDA:	47	30
KOOTENAY BOUNDARY	10 years or more	50	34
	5 years or more	11	8
	<5 years	8	7
	Total HSDA:	69	49
OKANAGAN	10 years or more	301	221
	5 years or more	82	60
	<5 years	84	66
	Total HSDA:	467	347
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	140	107
	5 years or more	43	28
	<5 years	47	35
	Total HSDA:	230	170
Total HA:		813	596

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	515	373
5 years or more	150	106
<5 years	148	117
Total HA:	813	596

* 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	55	100	14	30
KOOTENAY BOUNDARY	76	138	19	40
OKANAGAN	241	1082	53	323
THOMPSON/CARIBOO/SHUSWAP	150	579	30	140
Total:	522	1899	116	533

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	127

* 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	43	44	34
	35-49	104	108	65
	50+	277	387	204
	Total HSDA:		431	546
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		1183	1604
FRASER SOUTH	0-19	7	7	7
	20-34	134	137	112
	35-49	304	331	244
	50+	648	997	508
	Total HSDA:		1093	1472
Total HA:		2707	3622	2081

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	16	16	16
	20-34	313	319	256
	35-49	774	832	586
	50+	1604	2455	1223
Total HA:		2707	3622	2081

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	647	833	488
Male	2060	2789	1593

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	2081	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	278	206
	5 years or more	80	47
	<5 years	73	57
	Total HSDA:	431	310
FRASER NORTH	10 years or more	754	553
	5 years or more	217	165
	<5 years	212	182
	Total HSDA:	1183	900
FRASER SOUTH	10 years or more	663	516
	5 years or more	204	153
	<5 years	226	202
	Total HSDA:	1093	871
Total HA:		2707	2081

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1695	1275
	5 years or more	501	365
	<5 years	511	441
Total HA:		2707	2081

* 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	559	32	67
FRASER NORTH	265	1618	37	234
FRASER SOUTH	233	1886	46	513
Total:	651	4063	115	814

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	210
FRASER NORTH	740
FRASER SOUTH	477
Total:	1427

* 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:		369	547
RICHMOND	20-34	34	35	28
	35-49	57	58	44
	50+	127	184	102
	Total HSDA:	218	277	174
VANCOUVER	0-19	8	8	7
	20-34	384	397	289
	35-49	1214	1359	829
	50+	2999	5444	2108
	Total HSDA:	4605	7208	3233
Total HA:		5192	8032	3701

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	11
	20-34	448	462	337
	35-49	1345	1497	931
	50+	3387	6061	2422
Total HA:		5192	8032	3701

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	580	968	447
Male	4612	7064	3254

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3701	56	665	<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	259	208
	5 years or more	52	42
	<5 years	58	44
	Total HSDA:	369	294
RICHMOND	10 years or more	122	93
	5 years or more	32	23
	<5 years	64	58
	Total HSDA:	218	174
VANCOUVER	10 years or more	3296	2257
	5 years or more	711	512
	<5 years	598	464
	Total HSDA:	4605	3233
Total HA:		5192	3701

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3677	2558
	5 years or more	795	577
	<5 years	720	566
Total HA:		5192	3701

* 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	194	562	38	55
RICHMOND	47	330	8	104
VANCOUVER	706	11893	219	5454
Total:	947	12785	265	5613

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	10
RICHMOND	5
VANCOUVER	47
Total:	62

* 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:		368	538
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		142	197
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		838	1201
Total HA:		1348	1936	1047

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	6
	20-34	104	112	70
	35-49	312	349	248
	50+	926	1469	723
Total HA:		1348	1936	1047

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	221	324	171
Male	1127	1612	876

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1047	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	240	193
	5 years or more	70	48
	<5 years	58	51
	Total HSDA:	368	292
NORTH VANCOUVER ISLAND	10 years or more	102	86
	5 years or more	28	22
	<5 years	12	12
	Total HSDA:	142	120
SOUTH VANCOUVER ISLAND	10 years or more	526	387
	5 years or more	153	113
	<5 years	159	135
	Total HSDA:	838	635
Total HA:		1348	1047

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	868	666
	5 years or more	251	183
	<5 years	229	198
Total HA:		1348	1047

* 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	210	955	67	205
NORTH VANCOUVER ISLAND	159	362	34	65
SOUTH VANCOUVER ISLAND	232	1999	41	600
Total:	601	3316	142	870

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	84
NORTH VANCOUVER ISLAND	51
SOUTH VANCOUVER ISLAND	129
Total:	264

* 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	10	10	9
	35-49	17	20	12
	50+	31	41	17
	Total HSDA:	58	71	38
NORTH WEST	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	77	125	61
NORTHERN INTERIOR	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	205	309	153
Total HA:		340	505	252

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		340	505	252

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	117	179	85
Male	223	326	167

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	252	53	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)





**4.14 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	30	16
	5 years or more	9	5
	<5 years	19	17
	Total HSDA:	58	38
NORTH WEST	10 years or more	53	41
	5 years or more	11	9
	<5 years	13	11
	Total HSDA:	77	61
NORTHERN INTERIOR	10 years or more	121	94
	5 years or more	51	32
	<5 years	33	27
	Total HSDA:	205	153
Total HA:		340	252

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	204	151
	5 years or more	71	46
	<5 years	65	55
Total HA:		340	252

* 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	5	7
NORTH WEST	90	170	13	33
NORTHERN INTERIOR	128	518	26	198
Total:	257	739	44	238

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	7
NORTH WEST	25
NORTHERN INTERIOR	21
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	31	51	17
	THOMPSON/CARIBOO/SHUSWAP	25	54	14
	Total HA:	68	126	41
FRASER	FRASER EAST	35	52	25
	FRASER NORTH	54	98	42
	FRASER SOUTH	78	117	57
	Total HA:	167	267	124
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	29	56	27
	RICHMOND	6	12	5
	VANCOUVER	435	915	352
	Total HA:	470	983	384
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	49	85	41
	NORTH VANCOUVER ISLAND	16	31	13
	SOUTH VANCOUVER ISLAND	47	96	36
	Total HA:	112	212	90
NORTHERN	NORTH EAST	13	17	10
	NORTH WEST	34	70	27
	NORTHERN INTERIOR	74	124	58
	Total HA:	121	211	95
Total:		938	1799	734

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	601	1160	469
Female	337	639	265

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	734	54	540	<40

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

Definitions:

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

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





5.1 Drug Names and Definitions

Abacavir: a NUCLEOSIDE ANALOG from ViiV Healthcare.

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

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

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

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

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

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

Bictegravir: an INTEGRASE INHIBITOR from Gilead Sciences.

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

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

Cabotegravir: an INTEGRASE INHIBITOR.

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

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

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

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

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

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

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

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

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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





MDRT: see MULTIPLE DRUG RESCUE THERAPY

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

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

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

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

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

NNRTI: see NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR.

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

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

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

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

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

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

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

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

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

PI: see PROTEASE INHIBITOR.

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

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

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





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Raltegravir (Isentress): an INTEGRASE INHIBITOR from Merck.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

