



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

June 2022





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

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

BC Centre for Excellence in HIV/AIDS Drug Treatment Program

St. Paul's Hospital
687 - 1081 Burrard Street
Vancouver, BC
V6Z 1Y6

Tel: 604.806.8515
Fax: 604.806.9044

Physician Drug Hotline: 1.800.665.7677
St. Paul's Hospital Pharmacy Hotline: 1.888.511.6222
Website: www.bccfe.ca
Email: info@bccfe.ca

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





EXECUTIVE SUMMARY

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

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

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





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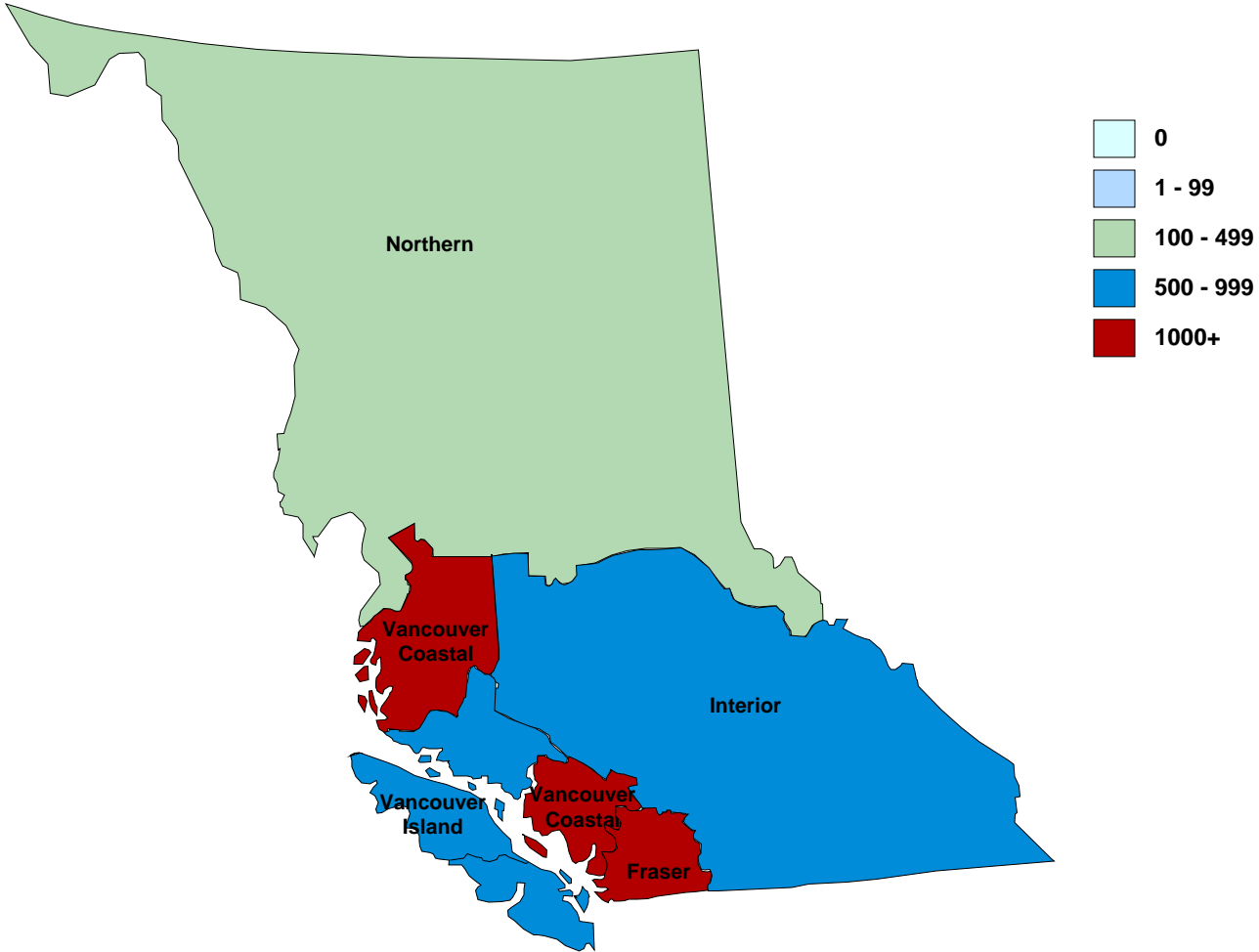




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

June 2022

N = 7487



Health Authority	Male	Female	All
FRASER	1473	454	1927
INTERIOR	442	112	554
NORTHERN	142	78	220
VANCOUVER COASTAL	3320	449	3769
VANCOUVER ISLAND	810	167	977
	6187	1260	7447
		Unknown/not stated:	40
		Total:	7487

Definitions:

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

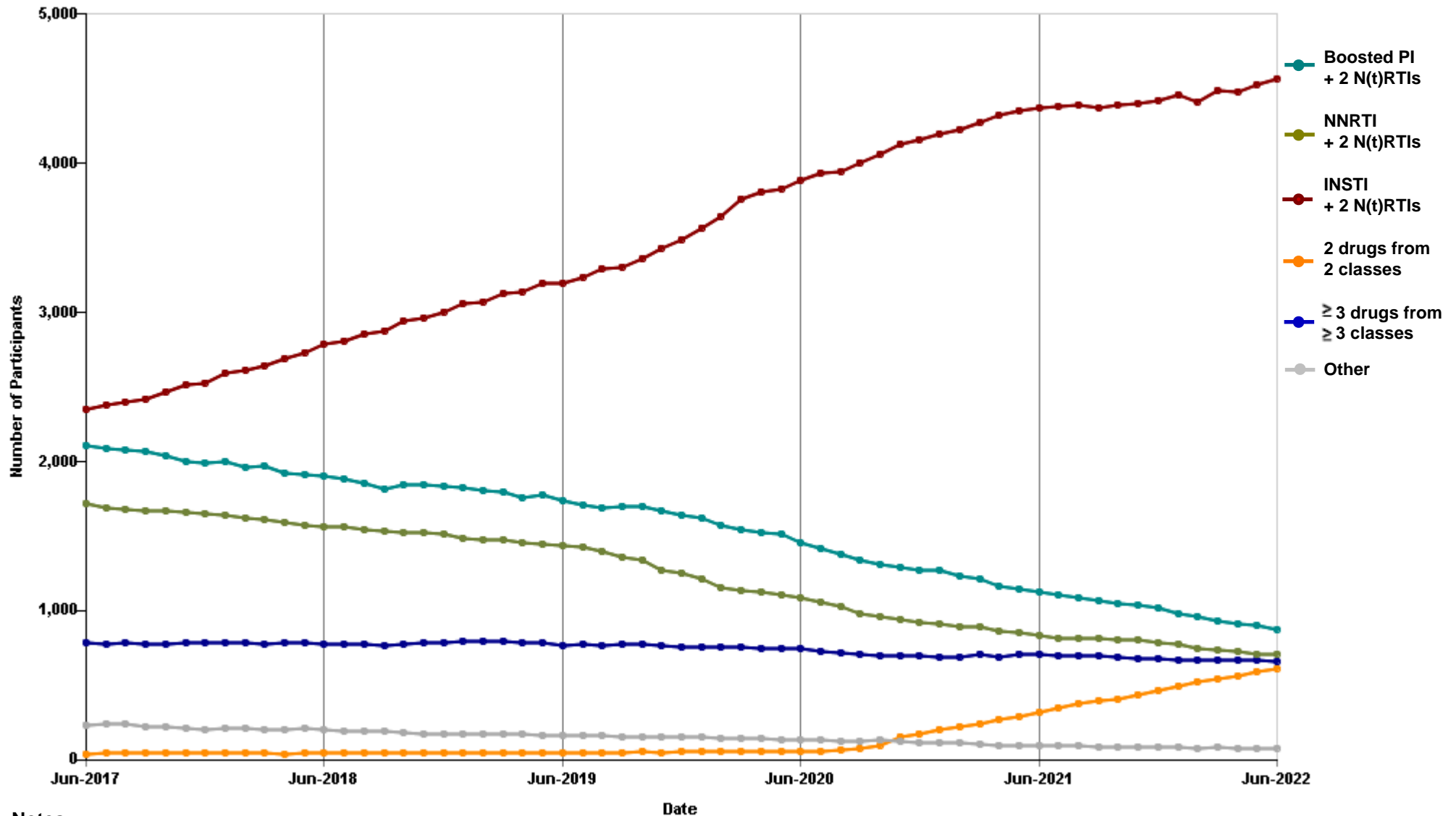
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





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



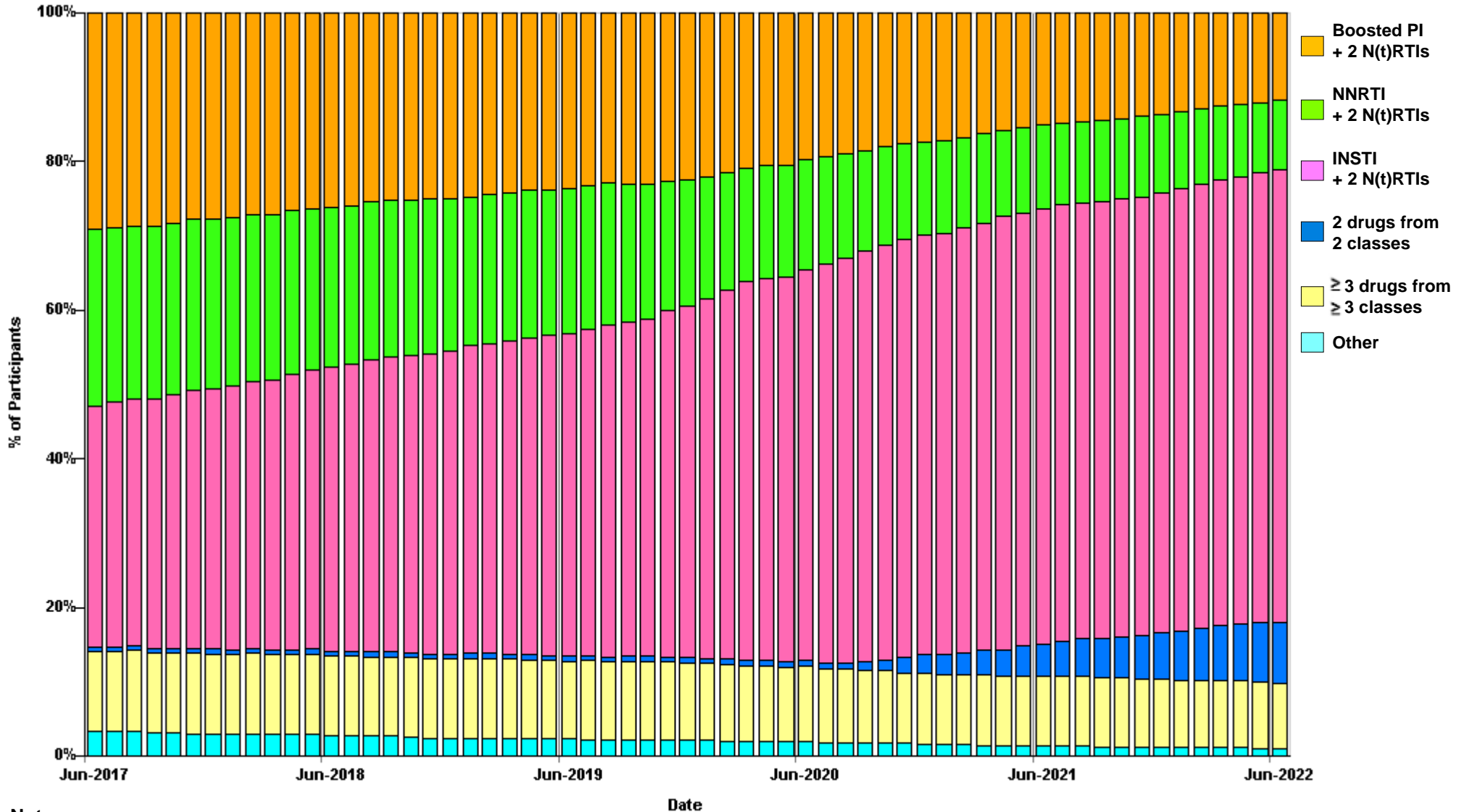
Notes:

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





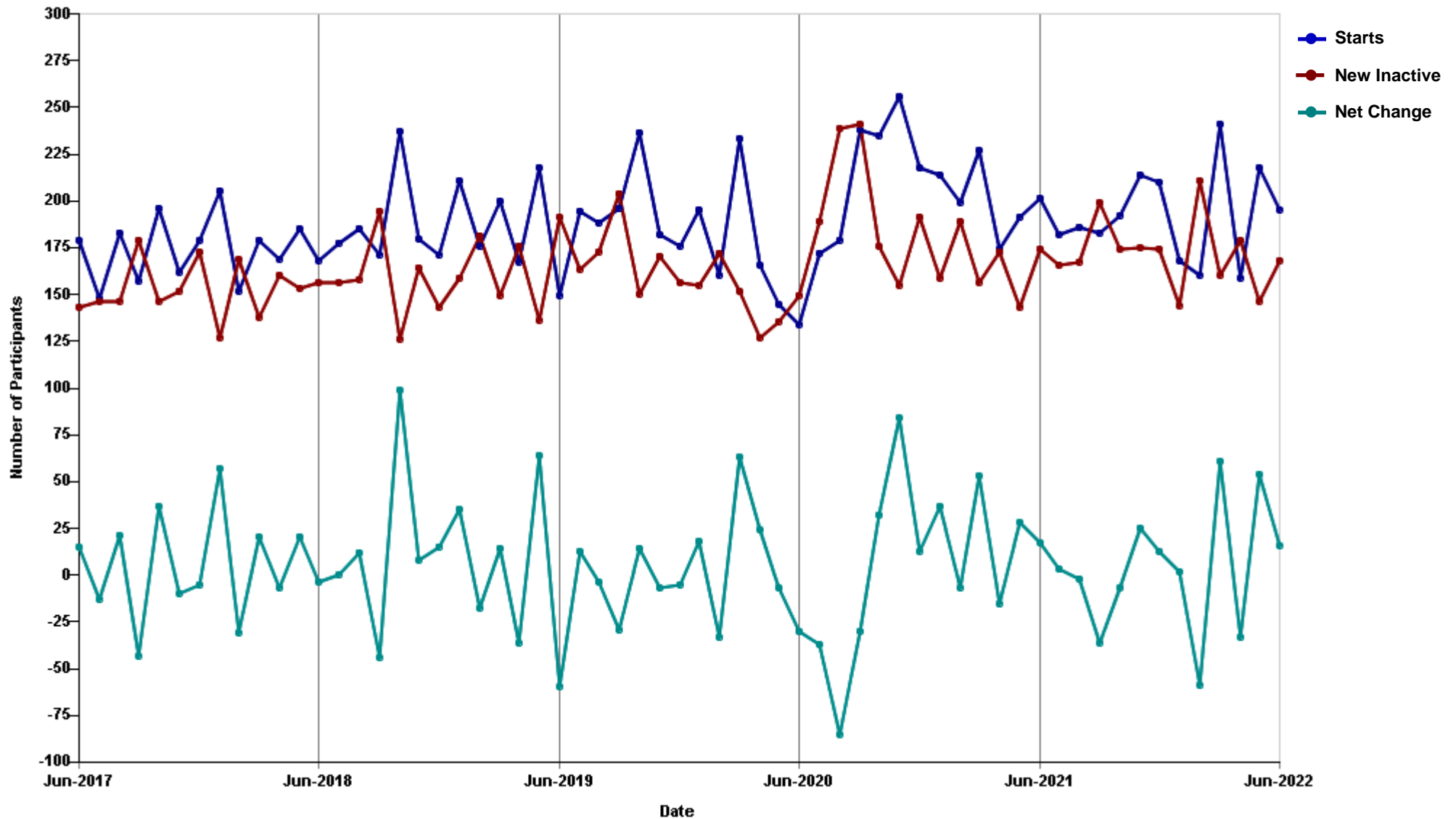
1.3 Percent Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (June 2017 - June 2022)



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

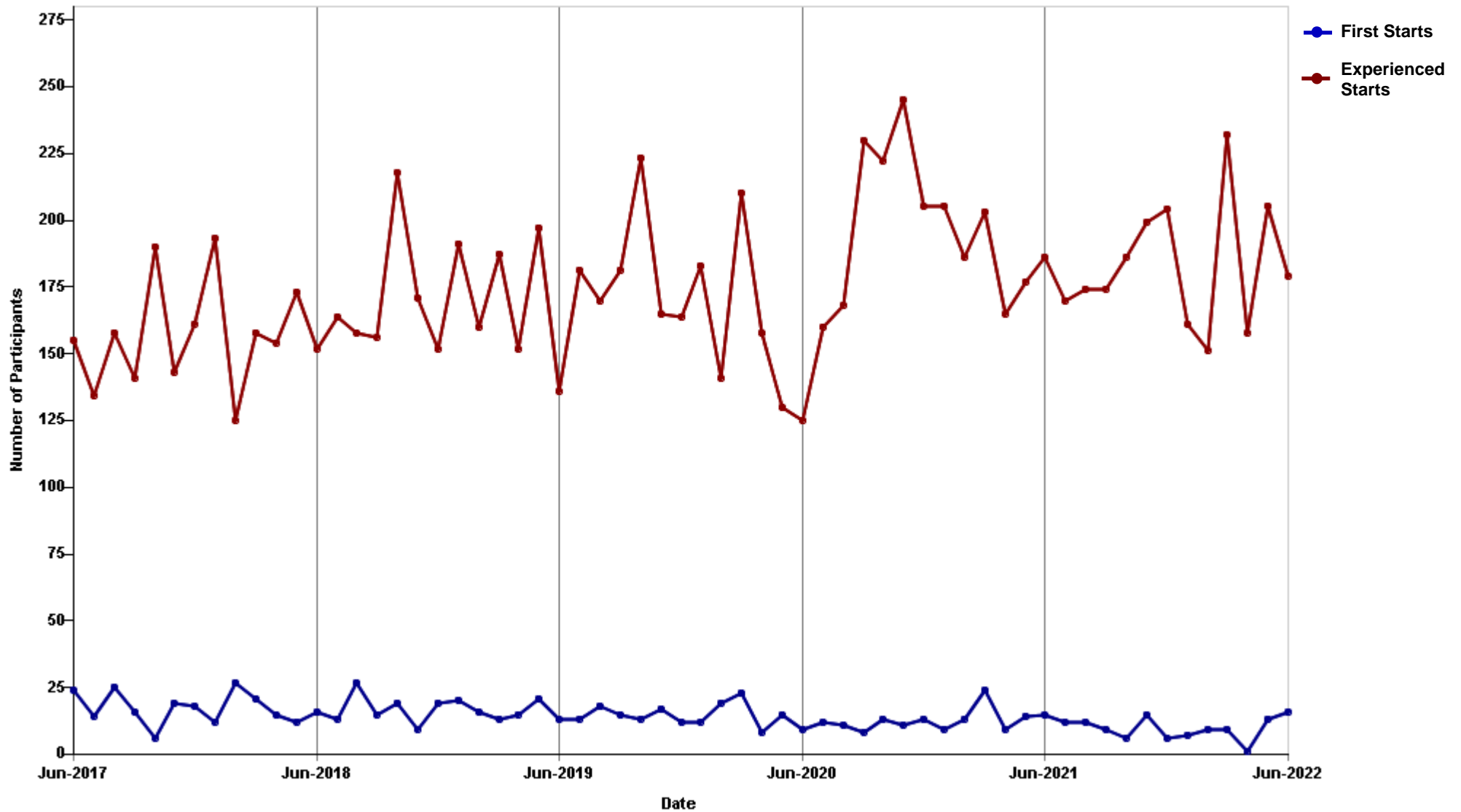


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (June 2017 - June 2022)



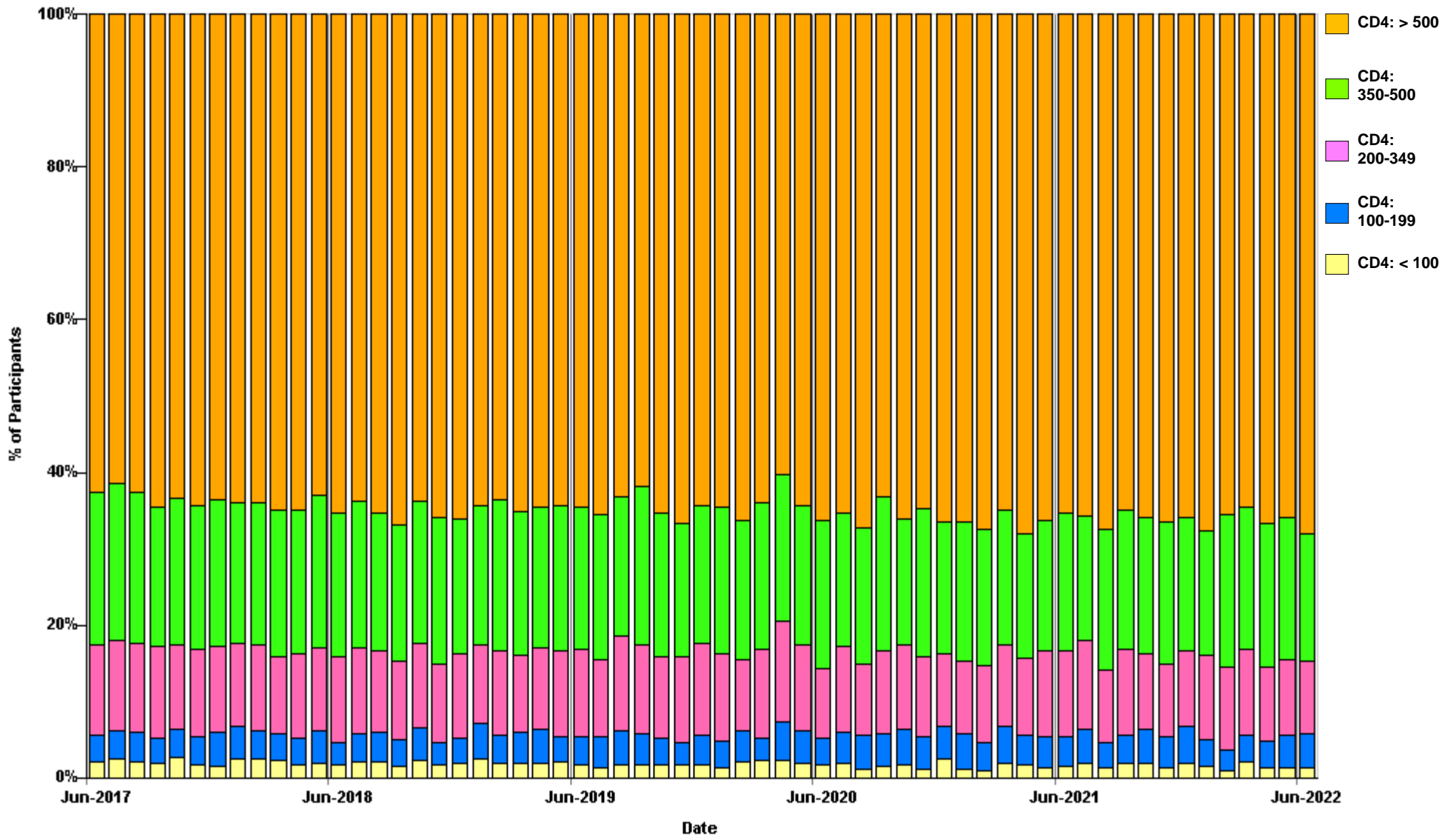


1.5 BC-CfE Enrolment: New Antiretroviral Participants (June 2017 - June 2022)



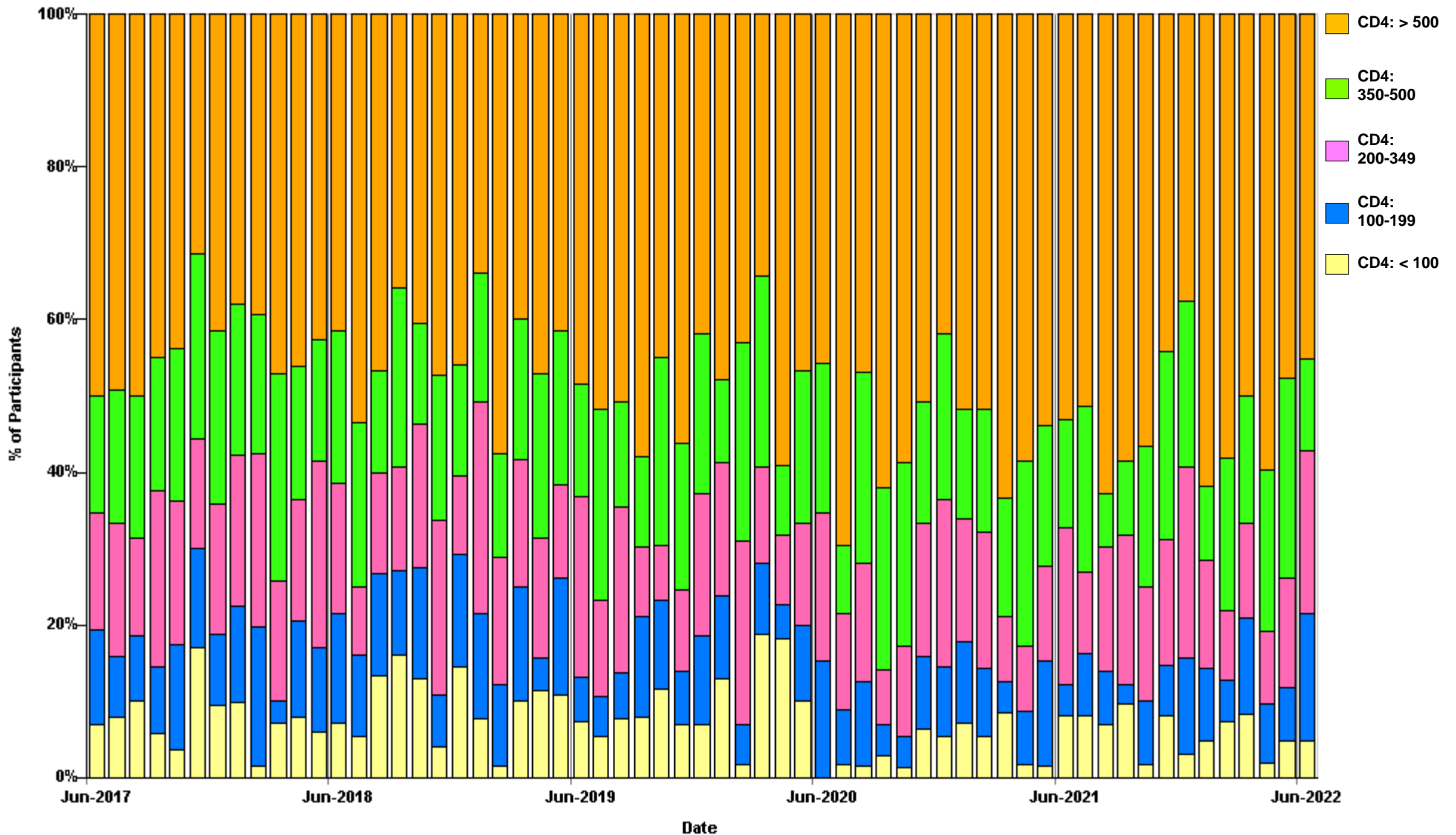


1.6 Percent Distribution of Active Participants by CD4 Count
(June 2017 - June 2022)



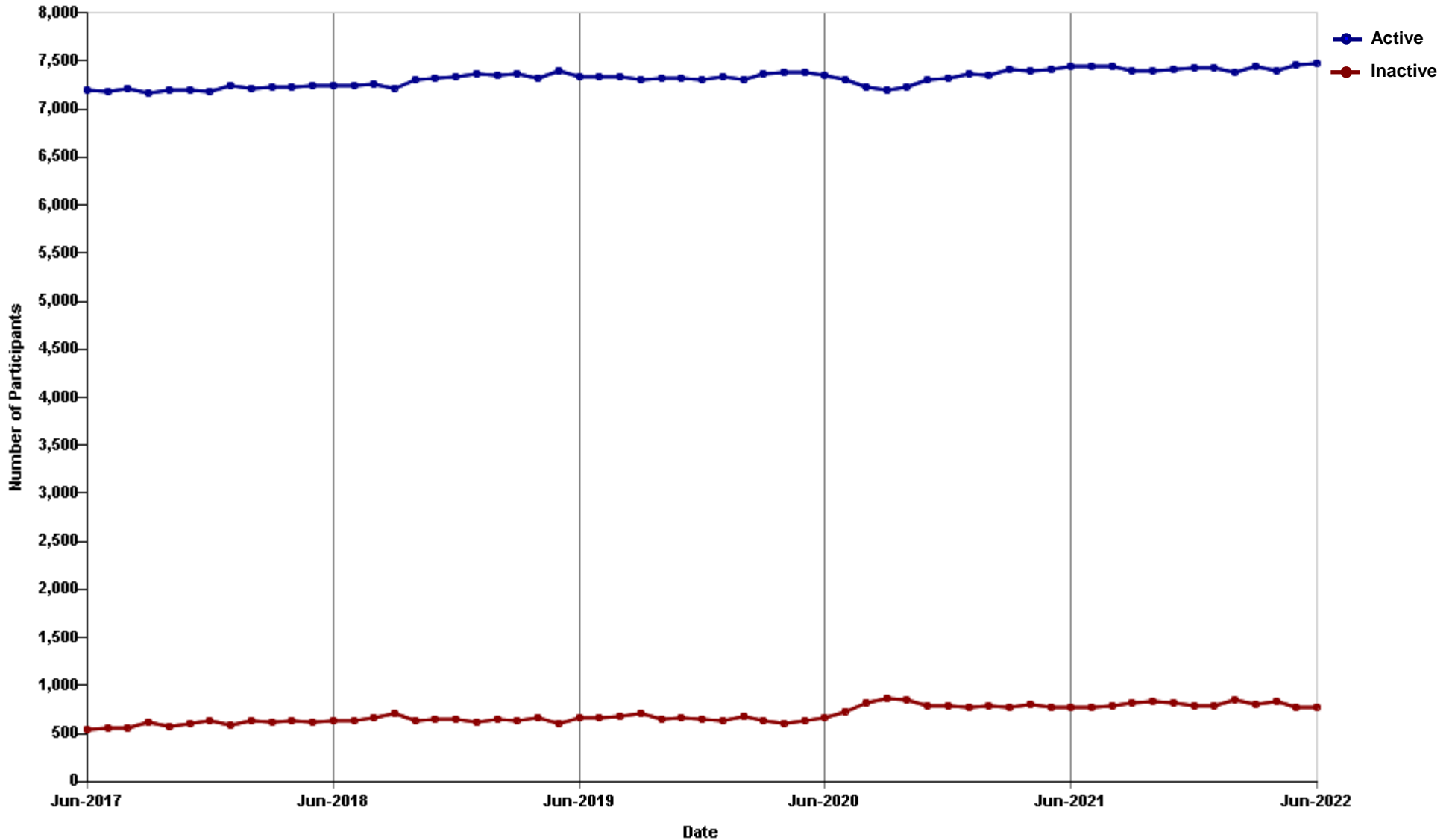


1.7 Percent Distribution of Inactive Participants by CD4 Count (June 2017 - June 2022)



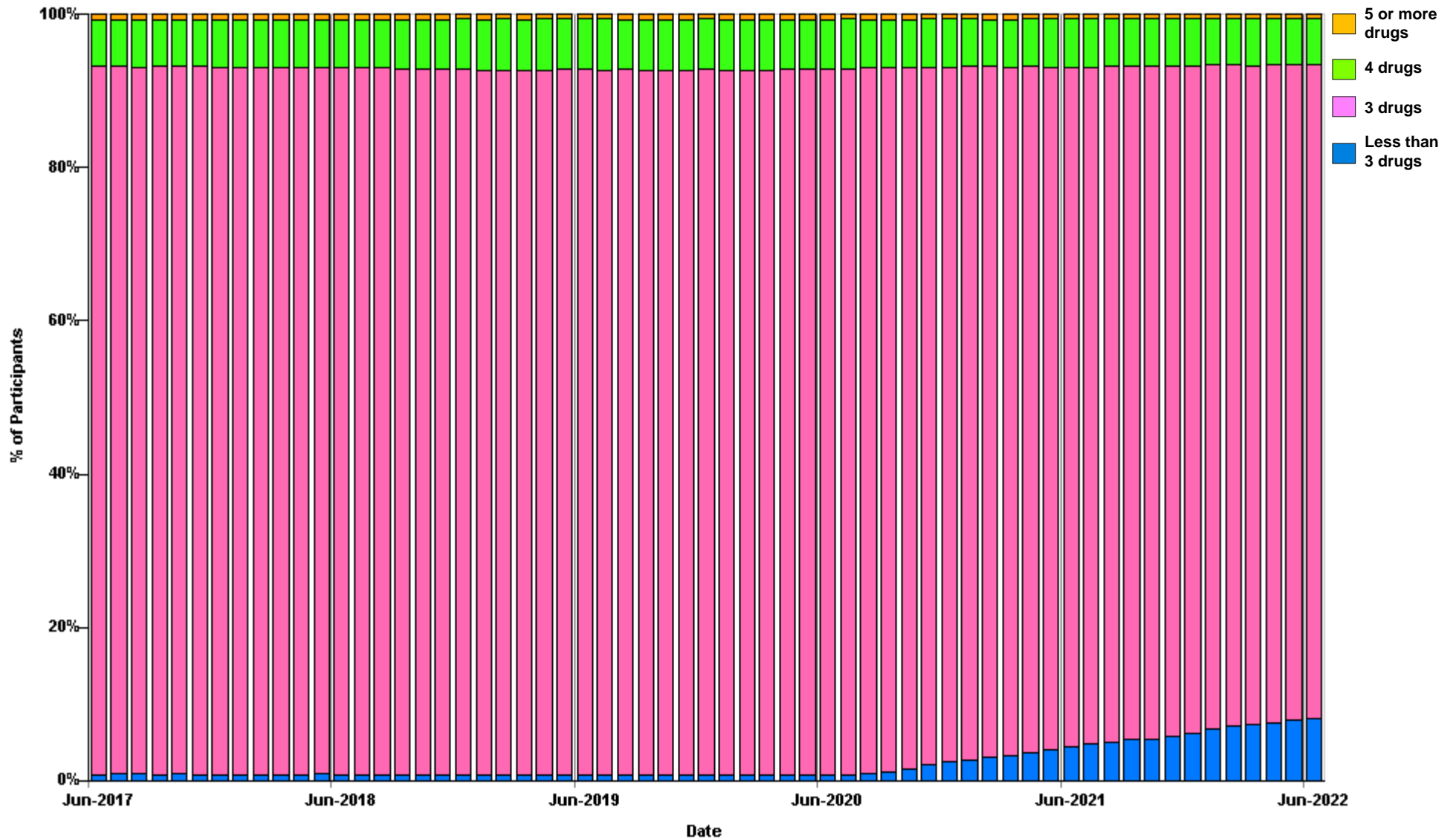


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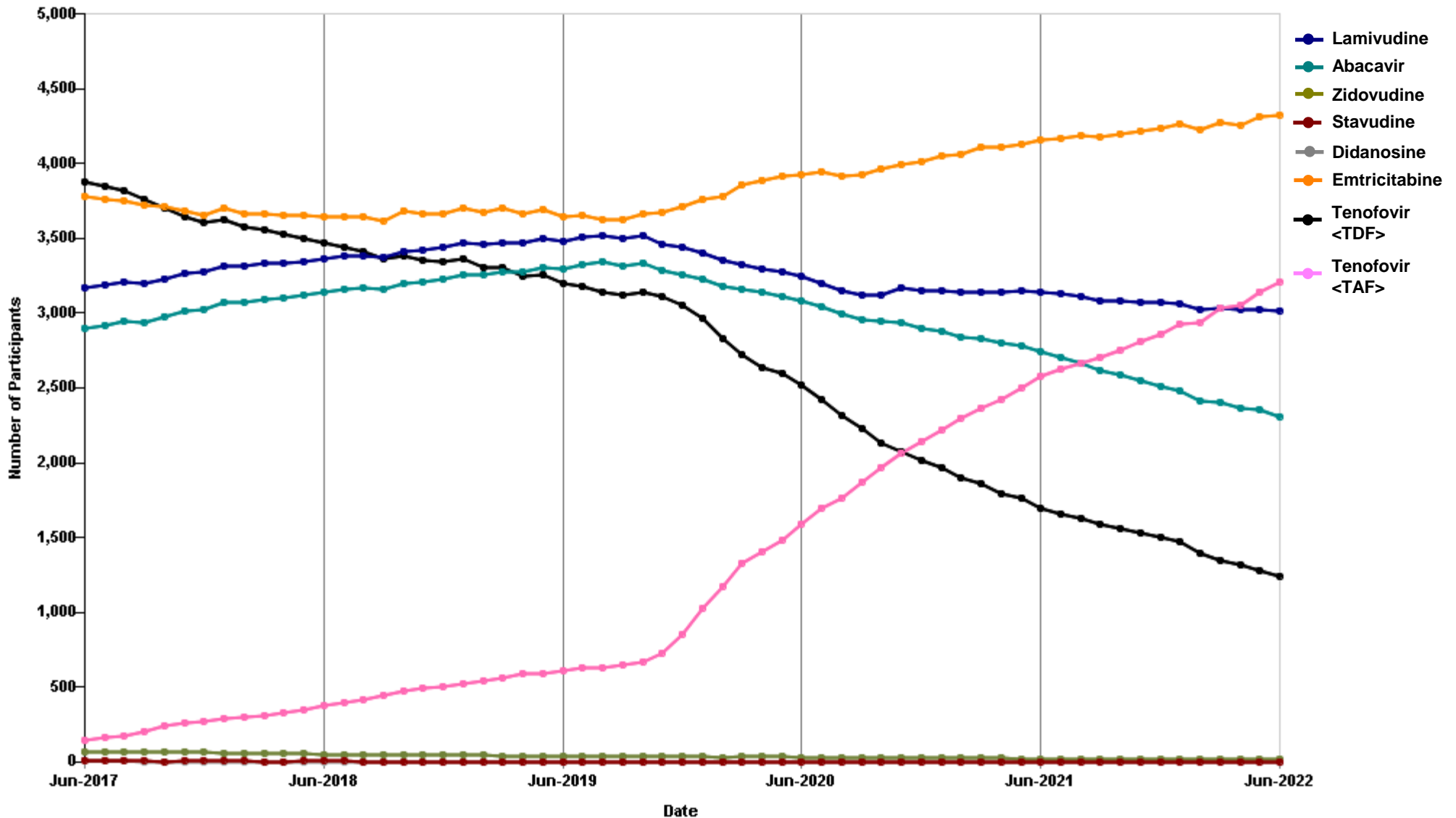


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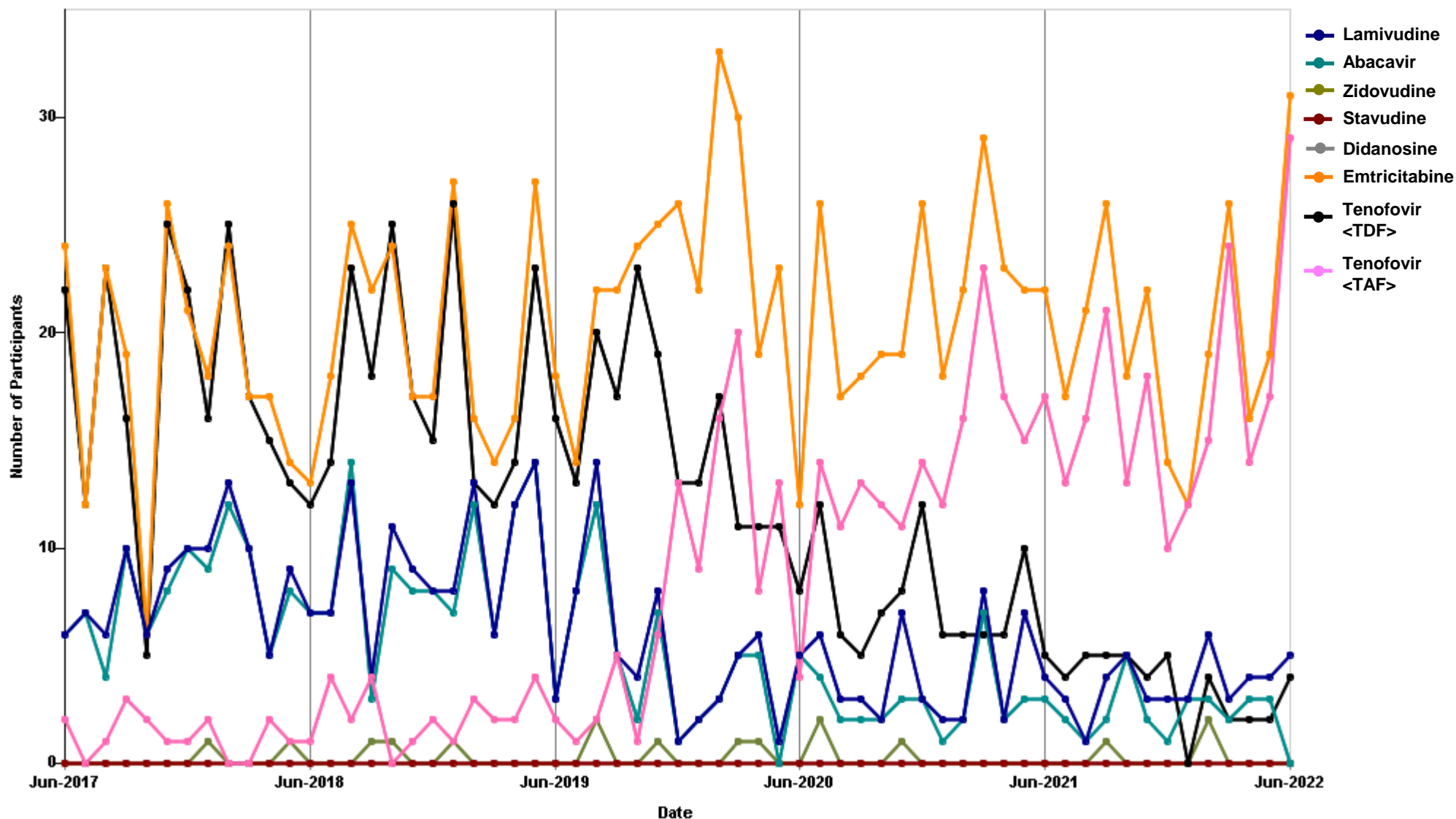
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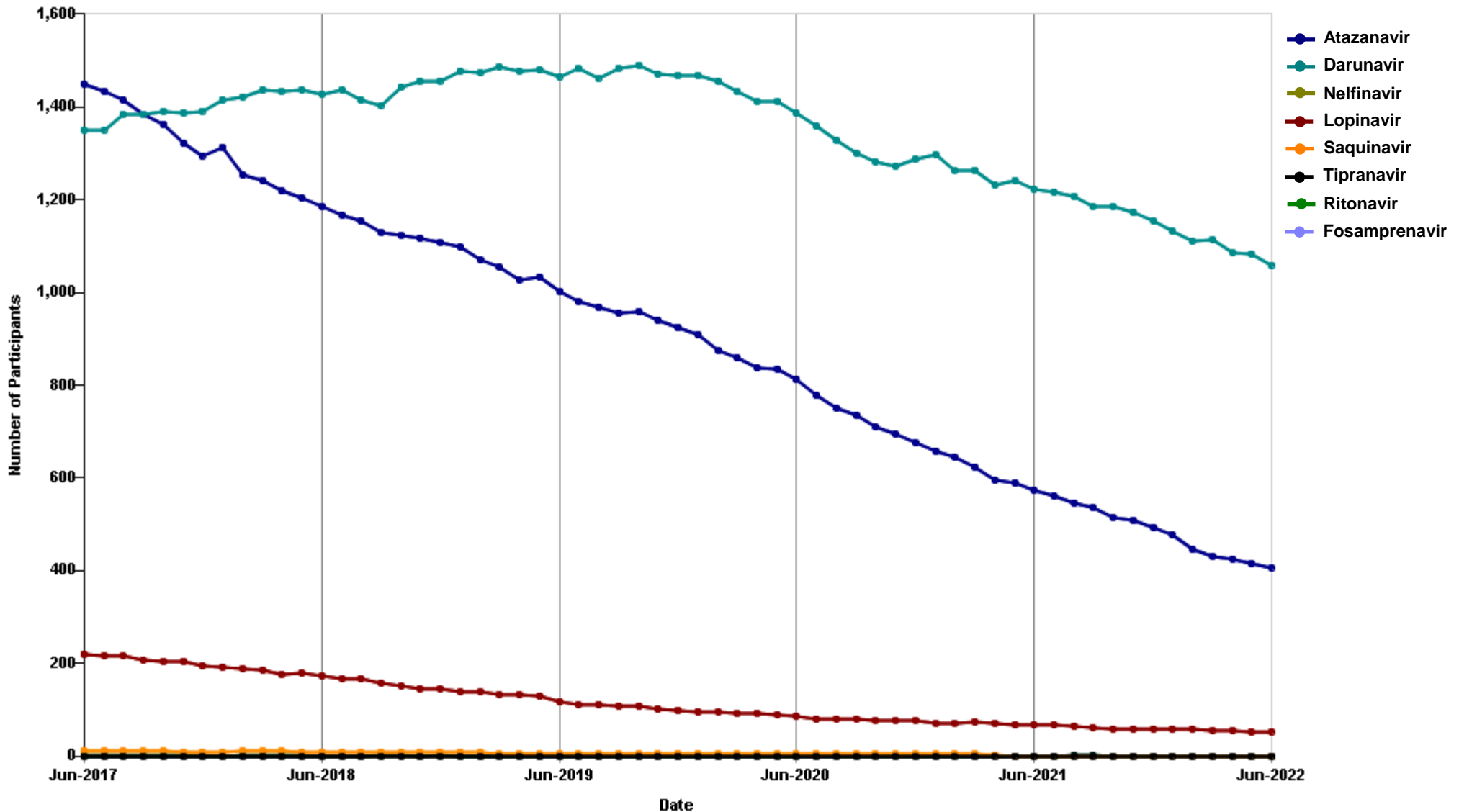
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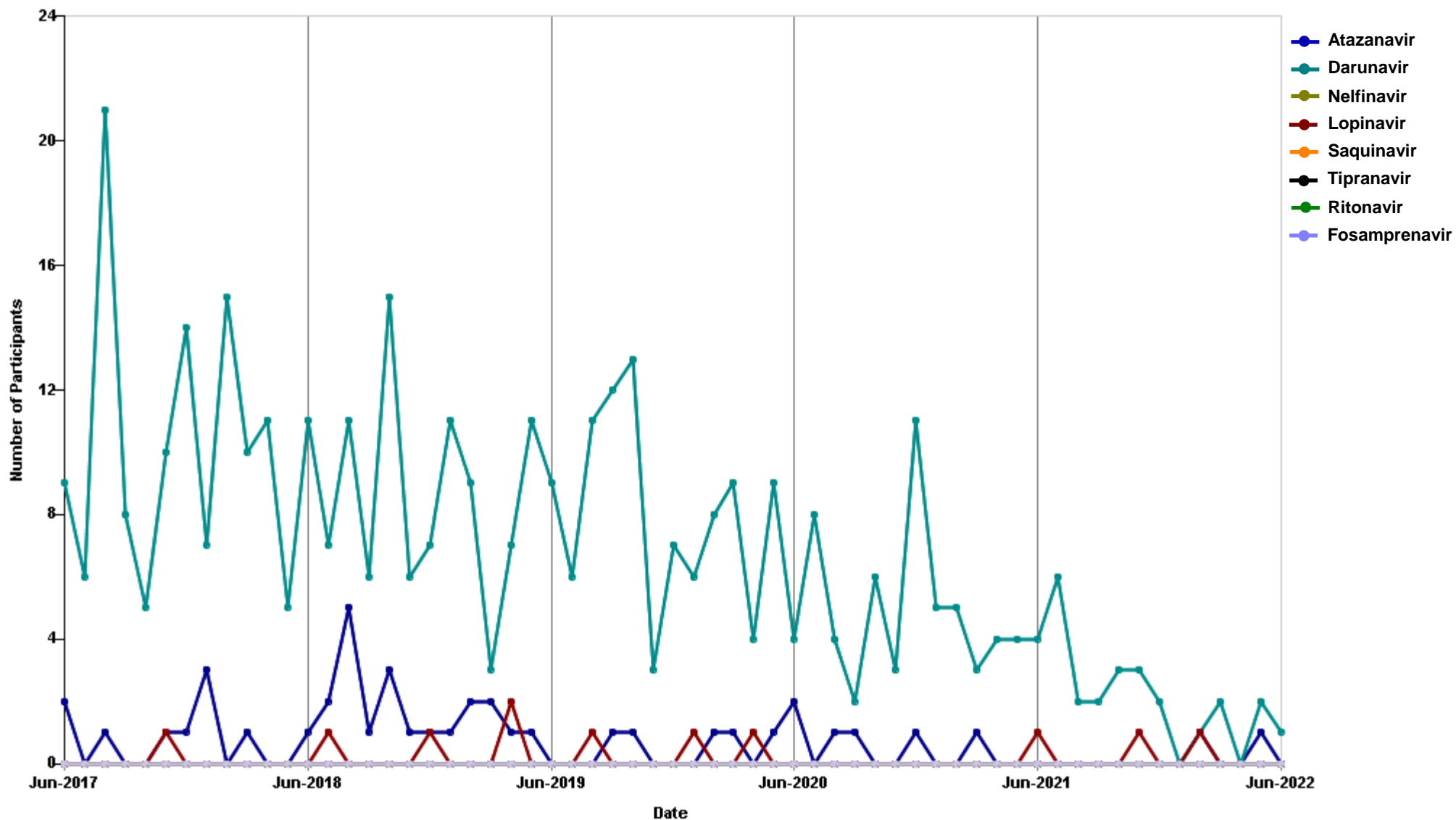
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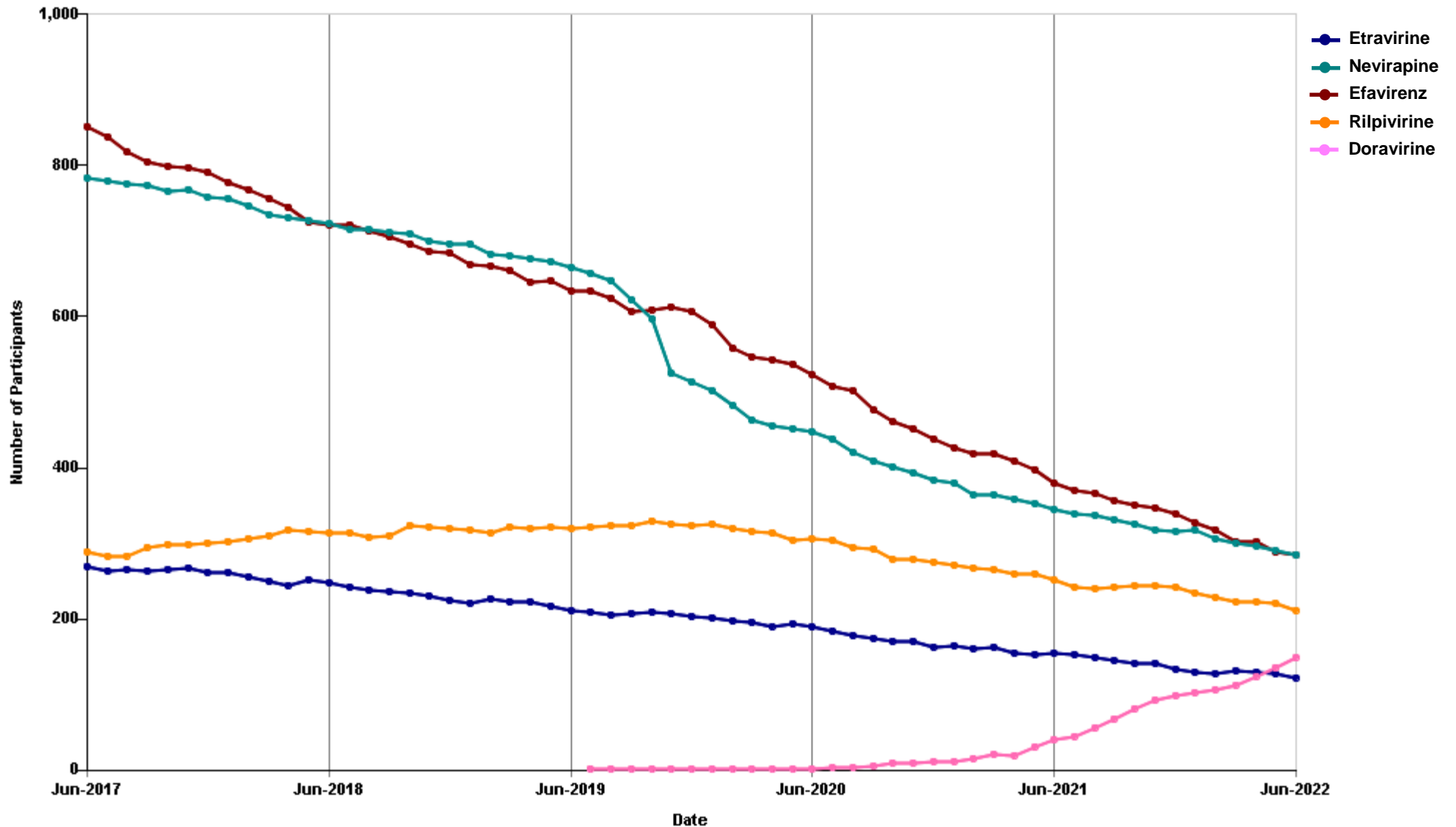
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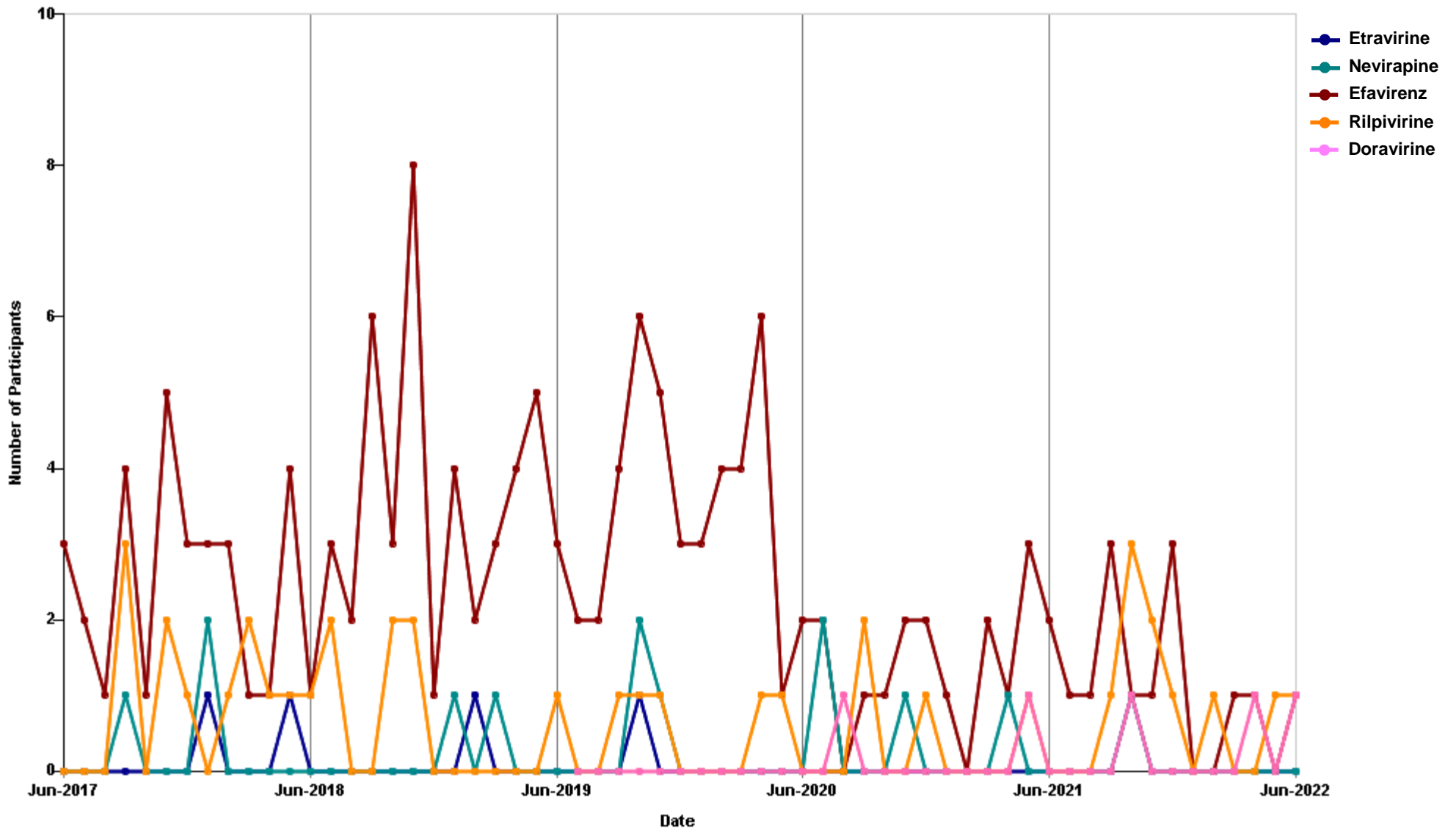
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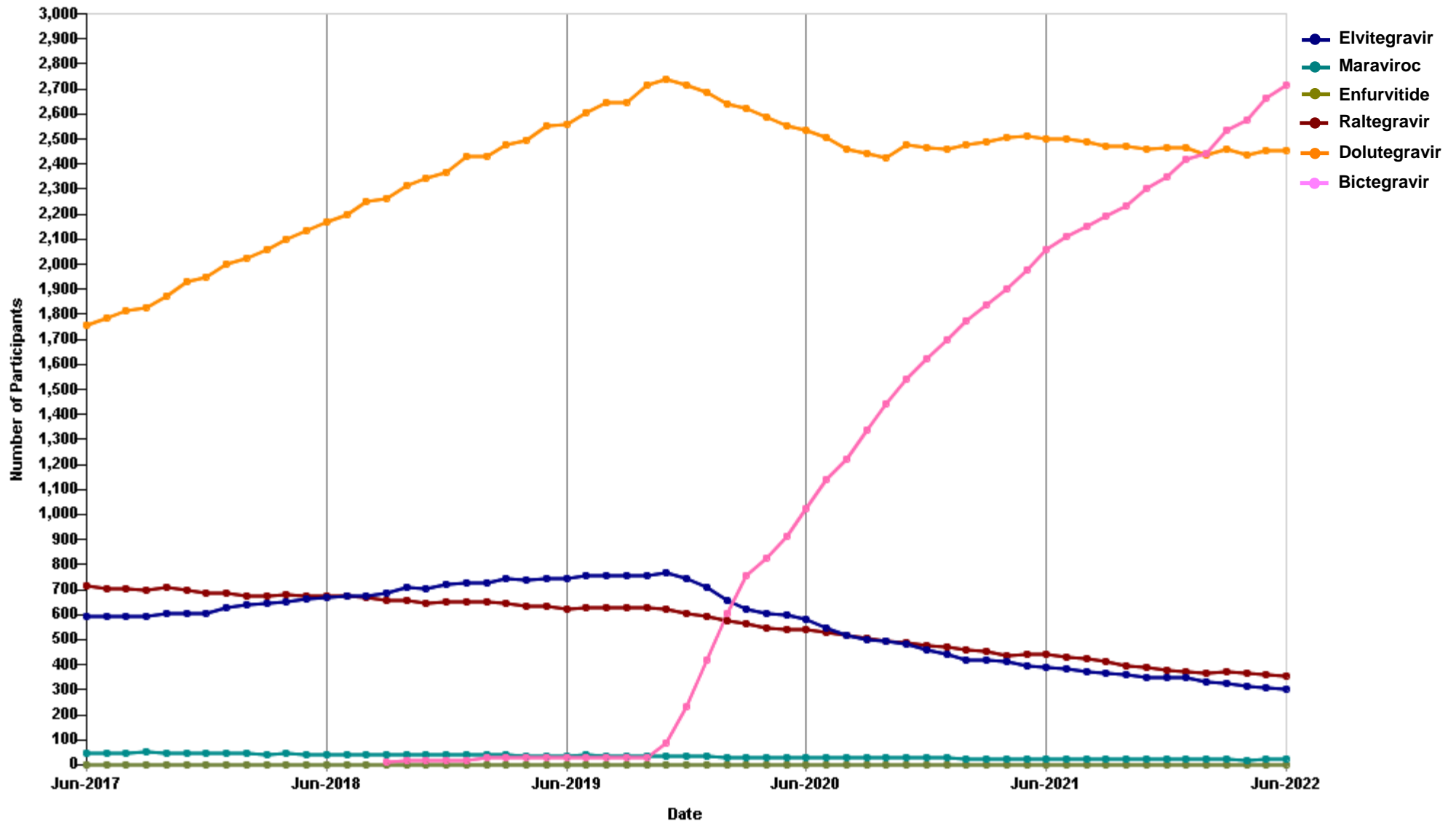
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(June 2017 - June 2022)





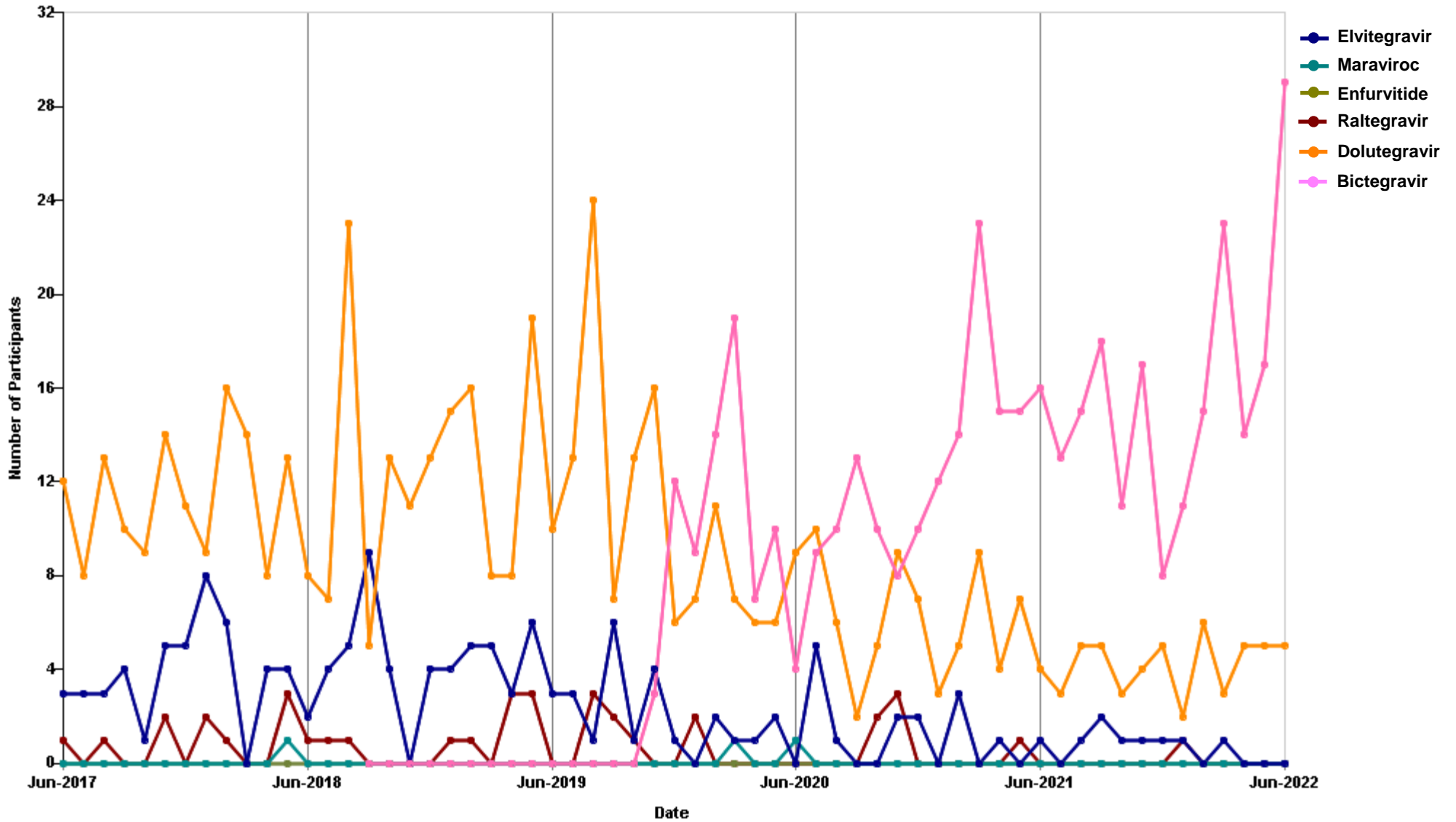
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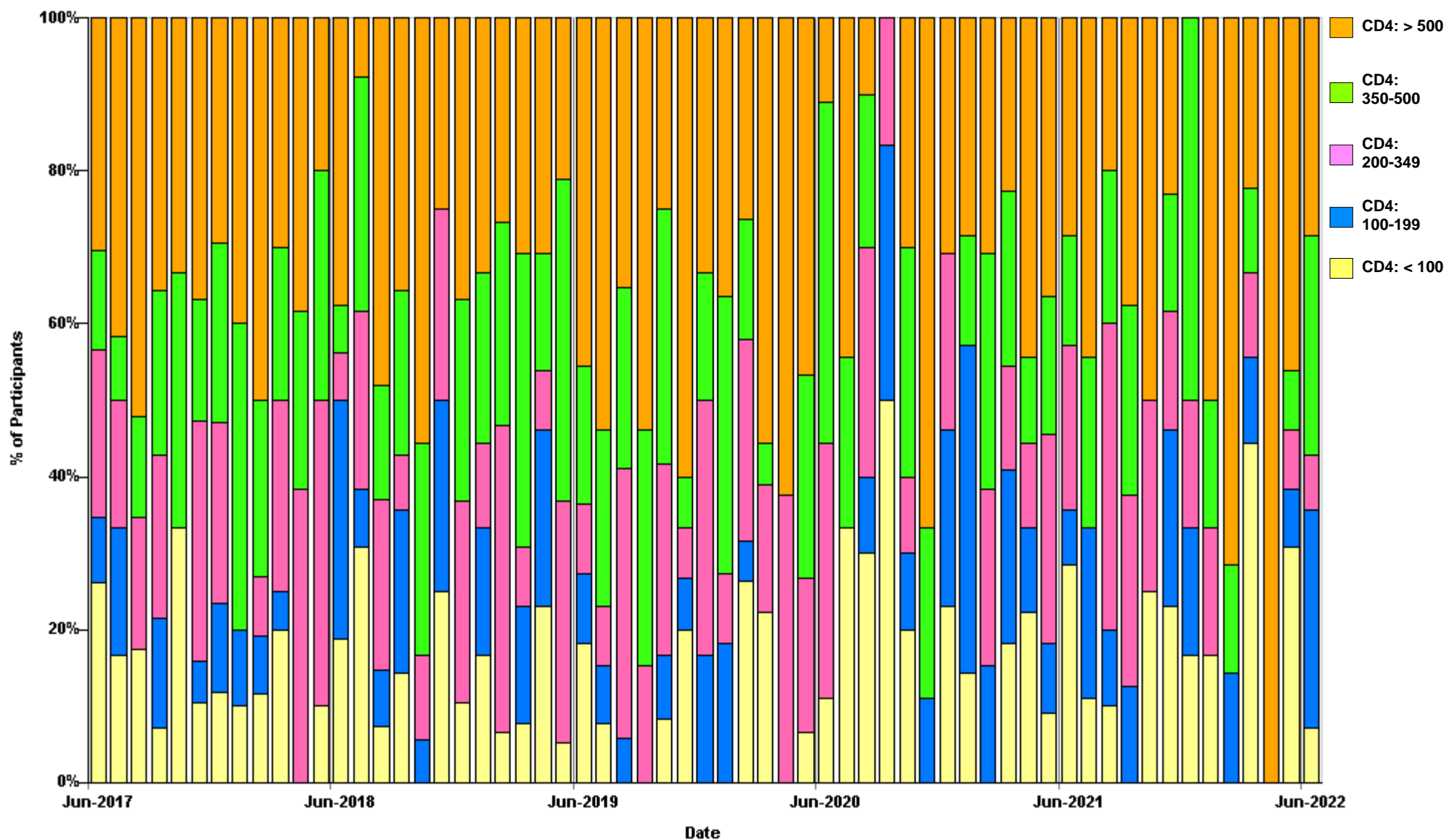
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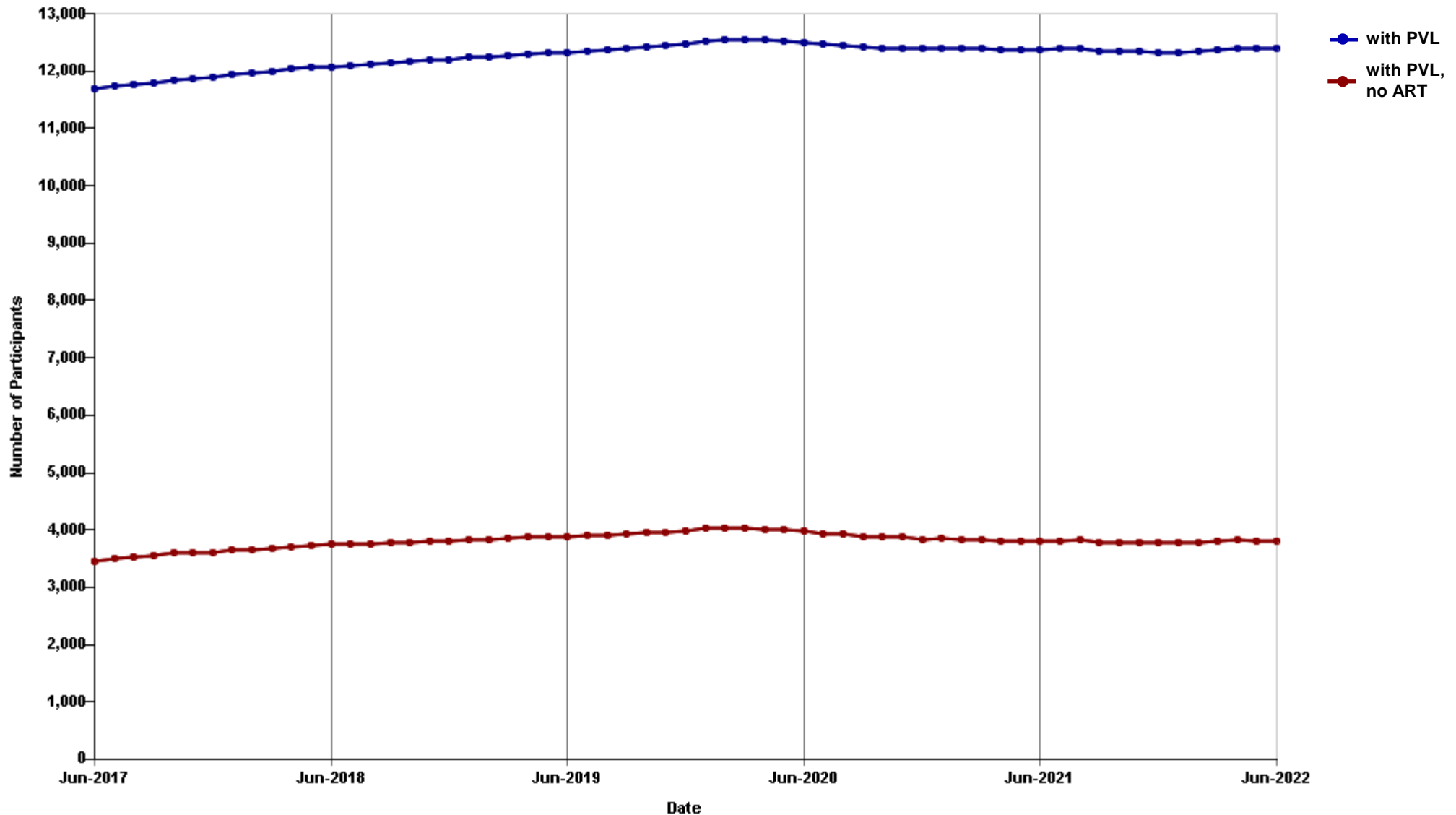


1.18 Baseline CD4 for Antiretroviral First Starts (June 2017 - June 2022)



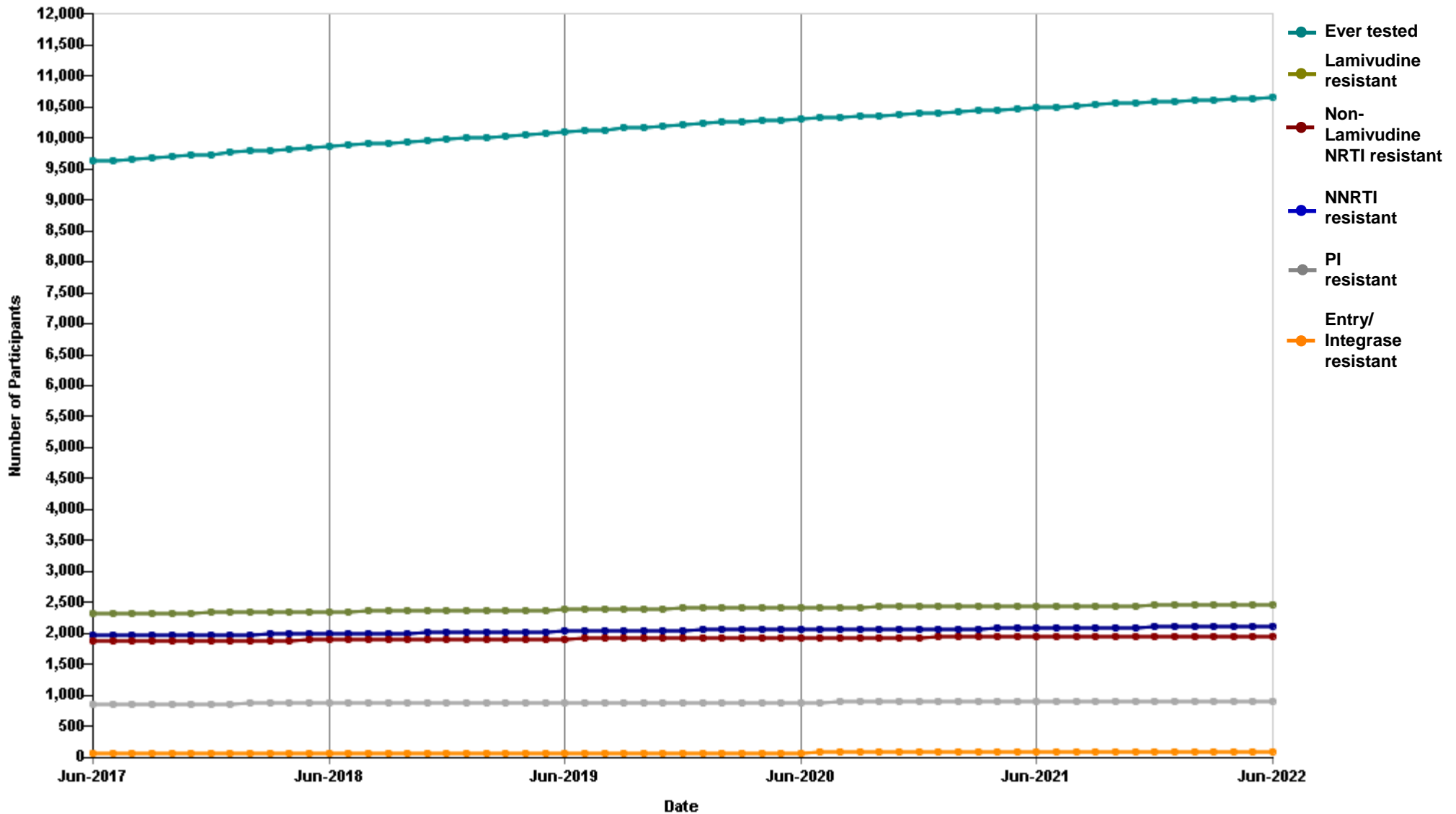


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (June 2017 - June 2022)



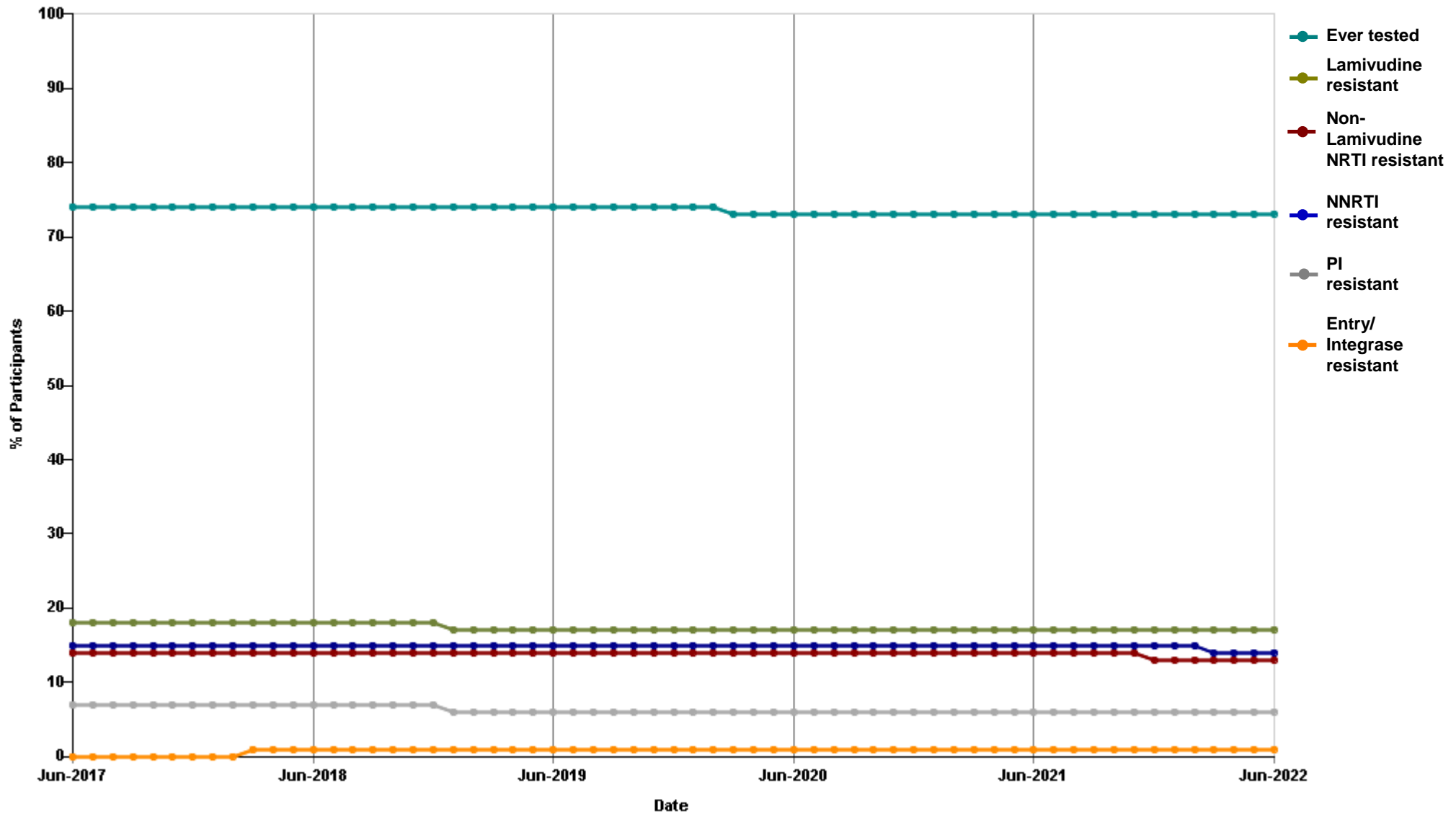


1.20 Cumulative Resistance Testing Results by Resistance Category (June 2017 - June 2022)





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





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

Start Year	Duration (years) Median	Male	Female	All	Current CD4 (n)	Median	Current PVL (n)	Median	Current ARV Median
1987	30	4	0	4	1	840	4	<40	4
1988	31	5	0	5	3	400	5	<40	3
1989	29	52	1	53	25	520	50	<40	3
1990	28	54	1	55	30	540	54	<40	3
1991	28	36	3	39	19	560	38	<40	3
1992	28	55	5	60	25	540	57	<40	3
1993	27	120	13	133	82	520	129	<40	3
1994	25	74	12	86	57	540	82	<40	3
1995	25	120	20	140	81	500	129	<40	3
1996	23	314	47	361	221	560	333	<40	3
1997	21	258	33	291	175	600	270	<40	3
1998	21	184	40	224	136	515	201	<40	3
1999	21	150	40	190	121	560	169	<40	3
2000	21	115	29	144	89	600	129	<40	3
2001	20	113	25	138	87	540	130	<40	3
2002	19	117	26	143	93	570	131	<40	3
2003	19	136	26	162	107	610	150	<40	3
2004	18	146	34	180	120	605	168	<40	3
2005	17	179	44	223	151	620	207	<40	3
2006	16	171	42	213	138	600	193	<40	3
2007	15	227	44	271	178	629	248	<40	3
2008	14	275	59	334	228	655	312	<40	3
2009	13	298	66	364	232	620	323	<40	3
2010	12	260	69	329	215	690	297	<40	3
2011	11	312	70	382	255	700	350	<40	3
2012	10	262	65	327	216	720	309	<40	3
2013	9	247	66	313	210	700	282	<40	3
2014	8	268	50	318	194	740	288	<40	3
2015	7	263	40	303	208	700	277	<40	3
2016	6	255	54	309	189	700	259	<40	3
2017	5	211	32	243	165	660	222	<40	3
2018	4	190	56	246	158	700	214	<40	3

Definitions:

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

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

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

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





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

Start Year	Duration (years) Median	Male	Female	All	Current CD4 (n)	Median	Current PVL (n)	Median	Current ARV Median
2019	3	228	40	268	187	680	245	<40	3
2020	2	181	51	232	170	720	207	<40	3
2021	1	210	39	249	169	580	228	<40	3
2022	0	117	23	140	118	600	133	<40	3
Total:		6207	1265	7472					

Definitions:

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

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

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

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





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

MON-YYYY	# of patients	Median # of therapy days	# of patients with PVL test	Median PVL	# of patients with CD4 test	Median CD4
JAN-2021	7385	745	1942	<40	1393	630
FEB-2021	7378	748	1787	<40	1276	630
MAR-2021	7433	743	2015	<40	1429	620
APR-2021	7417	746	1828	<40	1324	636
MAY-2021	7452	742	1868	<40	1306	630
JUN-2021	7456	738	1880	<40	1355	610
JUL-2021	7460	744	1820	<40	1347	640
AUG-2021	7465	741	1981	<40	1354	630
SEP-2021	7432	750	1763	<40	1248	630
OCT-2021	7432	755	1855	<40	1291	630
NOV-2021	7446	750	2021	<40	1378	630
DEC-2021	7462	757	1543	<40	1039	630
JAN-2022	7465	756	1878	<40	1313	650
FEB-2022	7386	774	1803	<40	1249	620
MAR-2022	7458	766	1904	<40	1234	624
APR-2022	7421	776	1755	<40	1128	625
MAY-2022	7479	762	1999	<40	1266	620
JUN-2022	7487	759	1839	<40	1127	640

Definitions:

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

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

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





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

MON-YYYY	# of patients	Median # days of off therapy	# of patients with PVL test	Median PVL	# of patients with CD4 test	Median CD4
JAN-2021	773	196	73	<40	56	525
FEB-2021	785	196	69	<40	56	510
MAR-2021	769	247	89	<40	71	630
APR-2021	803	255	73	<40	58	615
MAY-2021	781	270	73	<40	65	530
JUN-2021	779	262	65	57	49	540
JUL-2021	780	274	52	102	37	530
AUG-2021	786	263	53	<40	43	630
SEP-2021	829	227	64	<40	41	610
OCT-2021	832	240	79	<40	60	540
NOV-2021	816	263	78	<40	61	450
DEC-2021	796	248	48	<40	32	385
JAN-2022	788	273	55	<40	42	613
FEB-2022	858	233	73	<40	55	620
MAR-2022	802	285	94	<40	72	499
APR-2022	837	279	70	<40	52	550
MAY-2022	778	340	59	<40	42	490
JUN-2022	777	333	61	<40	42	430

Definitions:

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

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

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





2.4 BC-CfE Enrolment

MON-YYYY	Currently on ARV Therapy	Currently off ARV Therapy	Deceased	First Starts	Experienced Starts	New Inactive	Net Change	Cumulative Patients
JAN-2021	7359	773	14	9	205	159	37	14210
FEB-2021	7352	785	15	13	186	189	-7	14234
MAR-2021	7405	769	15	24	203	156	53	14271
APR-2021	7390	803	13	9	165	173	-15	14296
MAY-2021	7418	781	14	14	177	143	28	14325
JUN-2021	7435	779	7	15	186	174	17	14351
JUL-2021	7438	780	9	12	170	166	3	14371
AUG-2021	7436	786	16	12	174	167	-2	14393
SEP-2021	7400	829	14	9	174	199	-36	14423
OCT-2021	7393	832	17	6	186	174	-7	14446
NOV-2021	7418	816	11	15	199	175	25	14472
DEC-2021	7431	796	22	6	204	174	13	14490
JAN-2022	7433	788	19	7	161	144	2	14505
FEB-2022	7374	858	8	9	151	211	-59	14530
MAR-2022	7435	802	16	9	232	160	61	14559
APR-2022	7402	837	11	1	158	179	-33	14579
MAY-2022	7456	778	13	13	205	146	54	14603
JUN-2022	7472	777	10	16	179	168	16	14640

Definitions:

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

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

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

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

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

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

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





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

MON-YYYY	Less than 3 Drugs	3 Drugs	4 Drugs	5 or more Drugs	All ARV	Less than 3 Drugs%	3 Drugs%	4 Drugs%	5 or more Drugs%	Total%
JAN-2021	205	6681	452	46	7384	2.78%	90.48%	6.12%	0.62%	100.00%
FEB-2021	226	6653	448	51	7378	3.06%	90.17%	6.07%	0.69%	100.00%
MAR-2021	249	6670	463	51	7433	3.35%	89.73%	6.23%	0.69%	100.00%
APR-2021	275	6644	454	44	7417	3.71%	89.58%	6.12%	0.59%	100.00%
MAY-2021	299	6640	465	48	7452	4.01%	89.10%	6.24%	0.64%	100.00%
JUN-2021	326	6613	471	46	7456	4.37%	88.69%	6.32%	0.62%	100.00%
JUL-2021	354	6590	470	46	7460	4.75%	88.34%	6.30%	0.62%	100.00%
AUG-2021	381	6571	471	42	7465	5.10%	88.02%	6.31%	0.56%	100.00%
SEP-2021	398	6525	462	47	7432	5.36%	87.80%	6.22%	0.63%	100.00%
OCT-2021	409	6517	460	46	7432	5.50%	87.69%	6.19%	0.62%	100.00%
NOV-2021	438	6508	457	43	7446	5.88%	87.40%	6.14%	0.58%	100.00%
DEC-2021	468	6492	457	45	7462	6.27%	87.00%	6.12%	0.60%	100.00%
JAN-2022	499	6468	455	43	7465	6.68%	86.64%	6.10%	0.58%	100.00%
FEB-2022	525	6371	445	45	7386	7.11%	86.26%	6.02%	0.61%	100.00%
MAR-2022	550	6408	455	45	7458	7.37%	85.92%	6.10%	0.60%	100.00%
APR-2022	567	6358	450	46	7421	7.64%	85.68%	6.06%	0.62%	100.00%
MAY-2022	597	6383	452	47	7479	7.98%	85.35%	6.04%	0.63%	100.00%
JUN-2022	614	6381	450	42	7487	8.20%	85.23%	6.01%	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-2021	2 10%	3153 44%	1 5%	2880 40%	0 0%	28 0%	12 60%	2220 31%	6 30%	1963 27%	18 90%	4046 56%
FEB-2021	2 8%	3135 43%	2 8%	2843 39%	0 0%	27 0%	16 67%	2298 32%	6 25%	1900 26%	22 92%	4062 56%
MAR-2021	8 22%	3140 43%	7 19%	2832 39%	0 0%	24 0%	23 62%	2368 33%	6 16%	1859 26%	29 78%	4112 57%
APR-2021	2 8%	3137 43%	2 8%	2802 39%	0 0%	25 0%	17 68%	2422 33%	6 24%	1791 25%	23 92%	4104 57%
MAY-2021	7 24%	3150 43%	3 10%	2784 38%	0 0%	22 0%	15 52%	2497 34%	10 34%	1759 24%	22 76%	4131 57%
JUN-2021	4 15%	3137 43%	3 12%	2741 38%	0 0%	23 0%	17 65%	2574 35%	5 19%	1698 23%	22 85%	4153 57%
JUL-2021	3 15%	3126 43%	2 10%	2707 37%	0 0%	23 0%	13 65%	2626 36%	4 20%	1655 23%	17 85%	4166 57%
AUG-2021	1 5%	3109 43%	1 5%	2667 37%	0 0%	23 0%	16 73%	2660 36%	5 23%	1631 22%	21 95%	4182 57%
SEP-2021	4 13%	3078 42%	2 7%	2614 36%	1 3%	22 0%	21 70%	2707 37%	5 17%	1587 22%	26 87%	4178 57%
OCT-2021	5 22%	3082 42%	5 22%	2591 36%	0 0%	20 0%	13 57%	2755 38%	5 22%	1563 21%	18 78%	4196 58%
NOV-2021	3 12%	3071 42%	2 8%	2552 35%	0 0%	19 0%	18 72%	2812 39%	4 16%	1534 21%	22 88%	4216 58%
DEC-2021	3 18%	3067 42%	1 6%	2514 34%	0 0%	19 0%	10 59%	2861 39%	5 29%	1503 21%	14 82%	4237 58%
JAN-2022	3 20%	3064 42%	3 20%	2480 34%	0 0%	19 0%	12 80%	2922 40%	0 0%	1473 20%	12 80%	4262 58%
FEB-2022	6 24%	3019 42%	3 12%	2410 33%	2 8%	19 0%	15 60%	2939 41%	4 16%	1395 19%	19 76%	4225 58%
MAR-2022	3 10%	3034 41%	2 7%	2406 33%	0 0%	19 0%	24 83%	3029 41%	2 7%	1350 18%	26 90%	4272 58%
APR-2022	4 20%	3021 42%	3 15%	2368 33%	0 0%	19 0%	14 70%	3052 42%	2 10%	1313 18%	16 80%	4250 58%
MAY-2022	4 17%	3028 41%	3 13%	2356 32%	0 0%	18 0%	17 74%	3144 43%	2 9%	1283 17%	19 83%	4309 59%
JUN-2022	5 14%	3016 41%	0 0%	2311 31%	0 0%	19 0%	29 81%	3203 44%	4 11%	1238 17%	31 86%	4325 59%

Definitions:

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

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

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

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





2.7 Number of Participants on Protease Inhibitor by INGREDIENT

	fosamprenavir		atazanavir		darunavir		lopinavir		ritonavir		saquinavir		tipranavir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	0 0%	1 0%	0 0%	656 32%	5 100%	1297 64%	0 0%	71 4%	0 0%	1 0%	0 0%	6 0%	0 0%	1 0%
FEB-2021	0 0%	1 0%	0 0%	644 33%	5 100%	1262 64%	0 0%	71 4%	0 0%	1 0%	0 0%	5 0%	0 0%	1 0%
MAR-2021	0 0%	1 0%	1 25%	622 32%	3 75%	1261 64%	0 0%	73 4%	0 0%	1 0%	0 0%	5 0%	0 0%	1 0%
APR-2021	0 0%	1 0%	0 0%	595 31%	4 100%	1230 65%	0 0%	72 4%	0 0%	1 0%	0 0%	2 0%	0 0%	1 0%
MAY-2021	0 0%	1 0%	0 0%	589 31%	4 100%	1239 65%	0 0%	69 4%	0 0%	1 0%	0 0%	1 0%	0 0%	1 0%
JUN-2021	0 0%	1 0%	0 0%	573 31%	4 80%	1221 66%	1 20%	69 4%	0 0%	1 0%	0 0%	1 0%	0 0%	1 0%
JUL-2021	0 0%	1 0%	0 0%	560 30%	6 100%	1216 66%	0 0%	68 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
AUG-2021	0 0%	0 0%	0 0%	547 30%	2 100%	1205 66%	0 0%	66 4%	0 0%	2 0%	0 0%	0 0%	0 0%	1 0%
SEP-2021	0 0%	1 0%	0 0%	536 30%	2 100%	1184 66%	0 0%	61 3%	0 0%	2 0%	0 0%	0 0%	0 0%	1 0%
OCT-2021	0 0%	1 0%	0 0%	515 29%	3 100%	1183 67%	0 0%	59 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
NOV-2021	0 0%	1 0%	0 0%	508 29%	3 75%	1171 68%	1 25%	58 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
DEC-2021	0 0%	1 0%	0 0%	492 29%	2 100%	1152 68%	0 0%	58 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
JAN-2022	0 0%	1 0%	0 0%	476 29%	0 0%	1132 68%	0 0%	60 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
FEB-2022	0 0%	1 0%	1 33%	447 28%	1 33%	1110 69%	1 33%	60 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
MAR-2022	0 0%	1 0%	0 0%	430 27%	2 100%	1113 70%	0 0%	57 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
APR-2022	0 0%	1 0%	0 0%	424 27%	0 0%	1085 69%	0 0%	56 4%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
MAY-2022	0 0%	1 0%	1 33%	417 27%	2 67%	1081 70%	0 0%	53 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
JUN-2022	0 0%	1 0%	0 0%	407 27%	1 100%	1056 70%	0 0%	52 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%

Definitions:

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

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

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

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

Ritonavir - greater than 400 mg total daily dose





2.8 Number of Participants on Non-Nucleosides by INGREDIENT

	doravirine		efavirenz		etravirine		nevirapine		rilpivirine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	0 0%	11 1%	1 100%	426 34%	0 0%	164 13%	0 0%	379 30%	0 0%	272 22%
FEB-2021	0 0%	15 1%	0 0%	418 34%	0 0%	161 13%	0 0%	365 30%	0 0%	267 22%
MAR-2021	0 0%	21 2%	2 100%	419 34%	0 0%	162 13%	0 0%	365 30%	0 0%	266 22%
APR-2021	0 0%	20 2%	1 50%	409 34%	0 0%	155 13%	1 50%	359 30%	0 0%	260 22%
MAY-2021	1 20%	30 3%	3 60%	397 33%	0 0%	154 13%	0 0%	353 30%	1 20%	259 22%
JUN-2021	0 0%	41 4%	2 100%	379 32%	0 0%	155 13%	0 0%	345 30%	0 0%	251 22%
JUL-2021	0 0%	45 4%	1 100%	371 32%	0 0%	153 13%	0 0%	339 29%	0 0%	243 21%
AUG-2021	0 0%	56 5%	1 100%	366 32%	0 0%	150 13%	0 0%	337 29%	0 0%	241 21%
SEP-2021	0 0%	67 6%	3 75%	357 31%	0 0%	146 13%	0 0%	332 29%	1 25%	242 21%
OCT-2021	1 14%	81 7%	1 14%	350 31%	1 14%	142 12%	1 14%	326 29%	3 43%	244 21%
NOV-2021	0 0%	92 8%	1 33%	346 30%	0 0%	142 13%	0 0%	318 28%	2 67%	244 21%
DEC-2021	0 0%	98 9%	3 75%	340 30%	0 0%	134 12%	0 0%	316 28%	1 25%	243 22%
JAN-2022	0 0%	103 9%	0 0%	328 30%	0 0%	130 12%	0 0%	317 29%	0 0%	235 21%
FEB-2022	0 0%	106 10%	0 0%	317 29%	0 0%	127 12%	0 0%	306 28%	1 100%	228 21%
MAR-2022	0 0%	113 11%	1 100%	303 28%	0 0%	132 12%	0 0%	301 28%	0 0%	222 21%
APR-2022	1 50%	124 12%	1 50%	302 28%	0 0%	130 12%	0 0%	297 28%	0 0%	223 21%
MAY-2022	0 0%	136 13%	0 0%	288 27%	0 0%	128 12%	0 0%	290 27%	1 100%	220 21%
JUN-2022	1 33%	149 14%	1 33%	285 27%	0 0%	122 12%	0 0%	285 27%	1 33%	211 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

Doravirine not currently available on BC-CfE Formulary





2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT

	bictegravir		dolutegravir		elvitegravir		maraviroc		raltegravir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2021	12 80%	1697 34%	3 20%	2461 49%	0 0%	442 9%	0 0%	27 1%	0 0%	469 9%
FEB-2021	14 64%	1774 35%	5 23%	2476 49%	3 14%	420 8%	0 0%	24 0%	0 0%	457 9%
MAR-2021	23 72%	1839 35%	9 28%	2491 48%	0 0%	418 8%	0 0%	24 0%	0 0%	454 9%
APR-2021	15 75%	1901 36%	4 20%	2504 48%	1 5%	412 8%	0 0%	22 0%	0 0%	438 8%
MAY-2021	15 65%	1979 37%	7 30%	2509 47%	0 0%	397 7%	0 0%	22 0%	1 4%	439 8%
JUN-2021	16 76%	2056 38%	4 19%	2498 47%	1 5%	387 7%	0 0%	23 0%	0 0%	440 8%
JUL-2021	13 81%	2111 39%	3 19%	2498 46%	0 0%	382 7%	0 0%	23 0%	0 0%	432 8%
AUG-2021	15 71%	2150 40%	5 24%	2488 46%	1 5%	374 7%	0 0%	23 0%	0 0%	424 8%
SEP-2021	18 72%	2192 40%	5 20%	2470 46%	2 8%	366 7%	0 0%	23 0%	0 0%	411 8%
OCT-2021	11 73%	2234 41%	3 20%	2469 45%	1 7%	363 7%	0 0%	24 0%	0 0%	398 7%
NOV-2021	17 77%	2303 42%	4 18%	2459 45%	1 5%	348 6%	0 0%	24 0%	0 0%	392 7%
DEC-2021	8 57%	2348 42%	5 36%	2463 45%	1 7%	349 6%	0 0%	24 0%	0 0%	380 7%
JAN-2022	11 73%	2421 43%	2 13%	2468 44%	1 7%	347 6%	0 0%	24 0%	1 7%	374 7%
FEB-2022	15 71%	2443 44%	6 29%	2437 44%	0 0%	331 6%	0 0%	21 0%	0 0%	369 7%
MAR-2022	23 85%	2536 45%	3 11%	2460 43%	1 4%	324 6%	0 0%	21 0%	0 0%	370 7%
APR-2022	14 74%	2574 45%	5 26%	2437 43%	0 0%	312 5%	0 0%	20 0%	0 0%	366 6%
MAY-2022	17 77%	2665 46%	5 23%	2456 43%	0 0%	309 5%	0 0%	22 0%	0 0%	360 6%
JUN-2022	29 85%	2714 47%	5 15%	2455 42%	0 0%	300 5%	0 0%	22 0%	0 0%	352 6%

Definitions:

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

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

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

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





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

MON-YYYY	Boosted PI + 2 N(t)RTIs		NNRTI + 2 N(t)RTIs		INSTI + 2 N(t)RTIs		2 drugs from 2 classes		IV 3 drugs from IV 3 classes		Other	
	n	%	n	%	n	%	n	%	n	%	n	%
JAN-2021	1273	17.24	912	12.35	4191	56.76	202	2.74	693	9.39	113	1.53
FEB-2021	1233	16.71	894	12.12	4226	57.28	223	3.02	689	9.34	113	1.53
MAR-2021	1210	16.28	890	11.97	4274	57.50	246	3.31	707	9.51	106	1.43
APR-2021	1166	15.72	868	11.70	4319	58.23	273	3.68	690	9.30	101	1.36
MAY-2021	1146	15.38	858	11.51	4348	58.35	296	3.97	704	9.45	100	1.34
JUN-2021	1125	15.09	834	11.19	4370	58.61	324	4.35	705	9.46	98	1.31
JUL-2021	1104	14.80	820	10.99	4383	58.75	352	4.72	702	9.41	99	1.33
AUG-2021	1090	14.60	817	10.94	4384	58.73	377	5.05	700	9.38	97	1.30
SEP-2021	1070	14.40	812	10.93	4370	58.80	394	5.30	694	9.34	92	1.24
OCT-2021	1053	14.17	809	10.89	4387	59.03	406	5.46	685	9.22	92	1.24
NOV-2021	1038	13.94	804	10.80	4396	59.04	435	5.84	682	9.16	91	1.22
DEC-2021	1020	13.67	790	10.59	4416	59.18	464	6.22	682	9.14	90	1.21
JAN-2022	985	13.19	773	10.35	4452	59.64	496	6.64	673	9.02	86	1.15
FEB-2022	958	12.97	750	10.15	4409	59.69	522	7.07	667	9.03	80	1.08
MAR-2022	934	12.52	737	9.88	4482	60.10	548	7.35	673	9.02	84	1.13
APR-2022	908	12.24	726	9.78	4473	60.27	565	7.61	669	9.01	80	1.08
MAY-2022	899	12.02	710	9.49	4527	60.53	595	7.96	668	8.93	80	1.07
JUN-2022	872	11.65	706	9.43	4563	60.95	612	8.17	658	8.79	76	1.02

Definitions:

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

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

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





2.11 Baseline CD4 for Antiretroviral First Starts

MON-YYYY	# of First Starts	# of Pts with CD4 < 100	# of Pts with CD4: 100-199	# of Pts with CD4: 200-349	# of Pts with CD4: 350-500	# of Pts with CD4 > 500	Median CD4
JAN-2021	9	1	3	0	1	2	170
FEB-2021	13	0	2	3	4	4	360
MAR-2021	24	4	5	3	5	5	280
APR-2021	9	2	1	1	1	4	370
MAY-2021	14	1	1	3	2	4	480
JUN-2021	15	4	1	3	2	4	289
JUL-2021	12	1	2	0	2	4	480
AUG-2021	12	1	1	4	2	2	300
SEP-2021	9	0	1	2	2	3	400
OCT-2021	6	1	0	1	0	2	490
NOV-2021	15	3	3	2	2	3	210
DEC-2021	6	1	1	1	3	0	350
JAN-2022	7	1	0	1	1	3	490
FEB-2022	9	0	1	0	1	5	530
MAR-2022	9	4	1	1	1	2	150
APR-2022	1	0	0	0	0	1	820
MAY-2022	13	4	1	1	1	6	490
JUN-2022	16	1	4	1	4	4	400

Definitions:

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

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





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

MON-YYYY	# of Participants with PVL test	# of Participants with PVL test, and never on ART
JAN-2021	12393	3843
FEB-2021	12386	3838
MAR-2021	12385	3828
APR-2021	12374	3815
MAY-2021	12369	3803
JUN-2021	12370	3797
JUL-2021	12391	3816
AUG-2021	12385	3822
SEP-2021	12354	3790
OCT-2021	12341	3782
NOV-2021	12344	3773
DEC-2021	12324	3767
JAN-2022	12310	3766
FEB-2022	12334	3781
MAR-2022	12363	3797
APR-2022	12393	3822
MAY-2022	12384	3811
JUN-2022	12401	3814

Definitions:

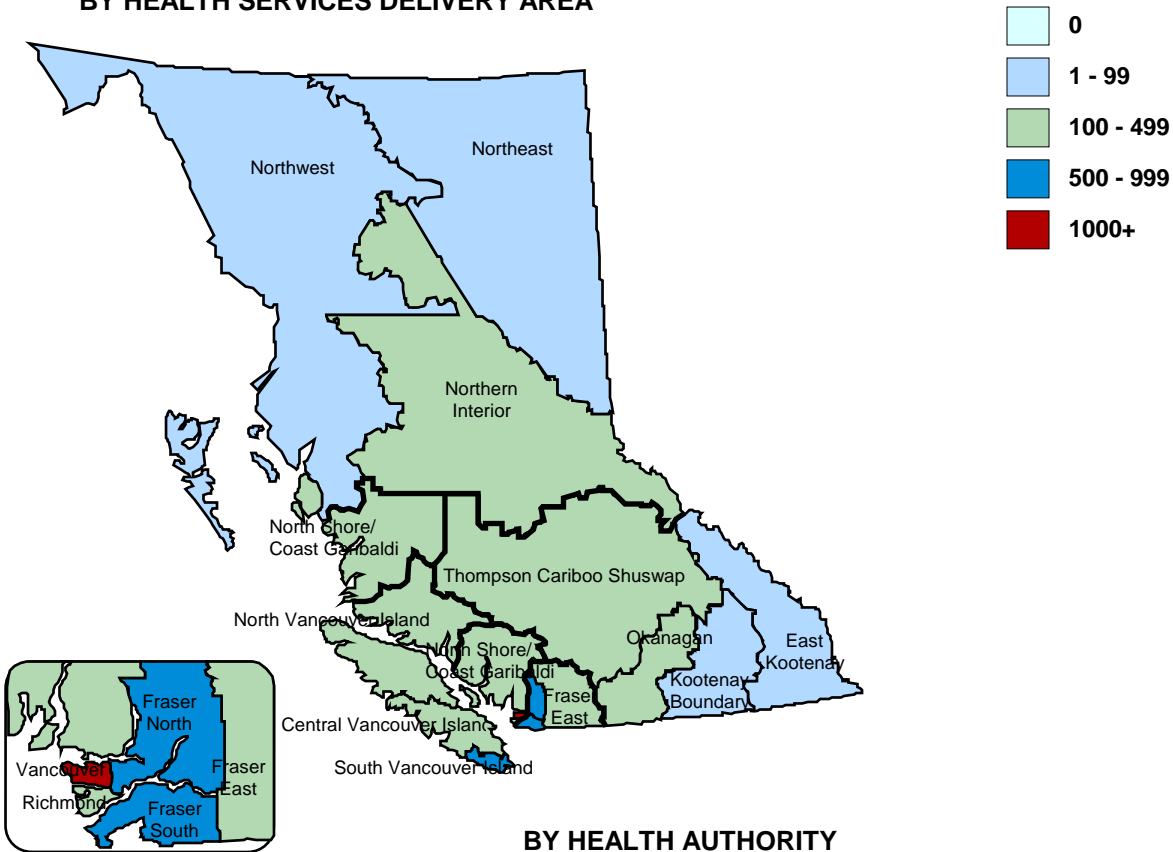
Patients with PVL test are defined as having at least one PVL test within previous five years, and not reported deceased/moved
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



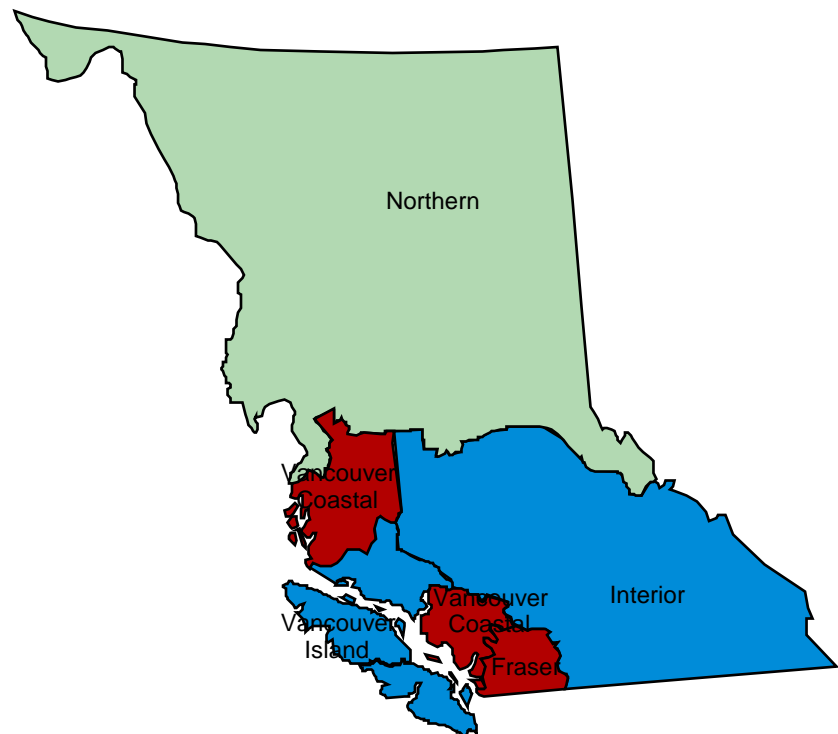


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7487
Jun-2022

BY HEALTH SERVICES DELIVERY AREA



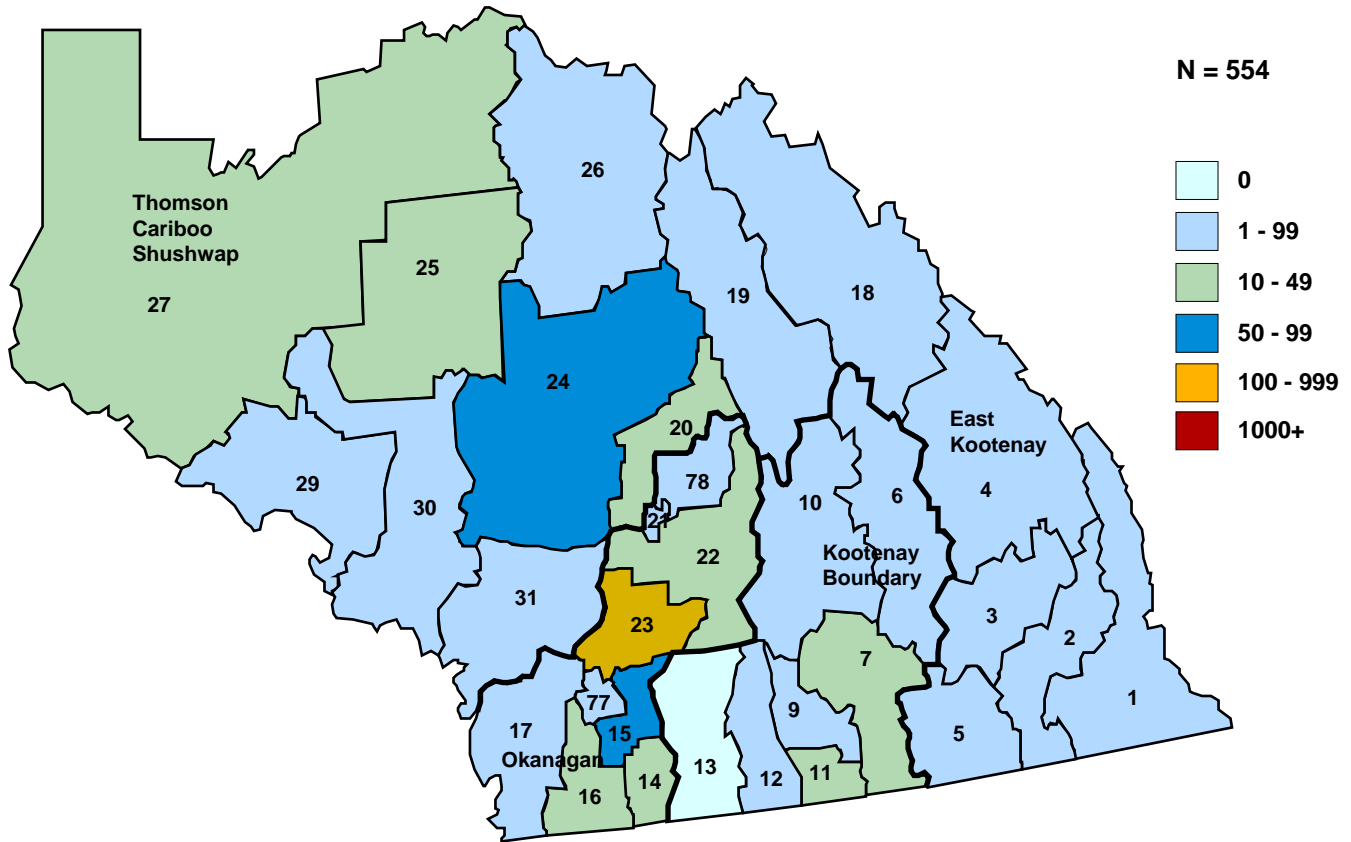
BY HEALTH AUTHORITY



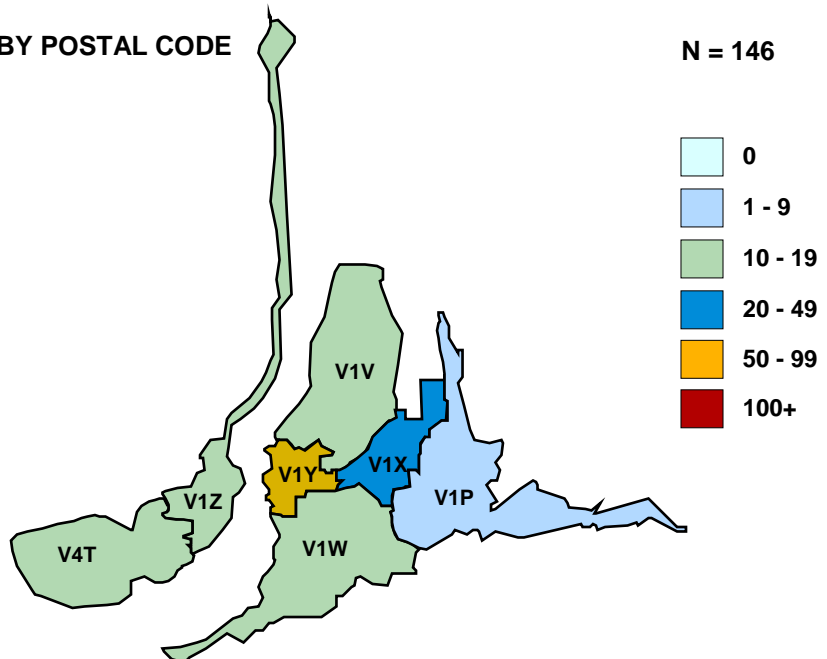


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2022

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



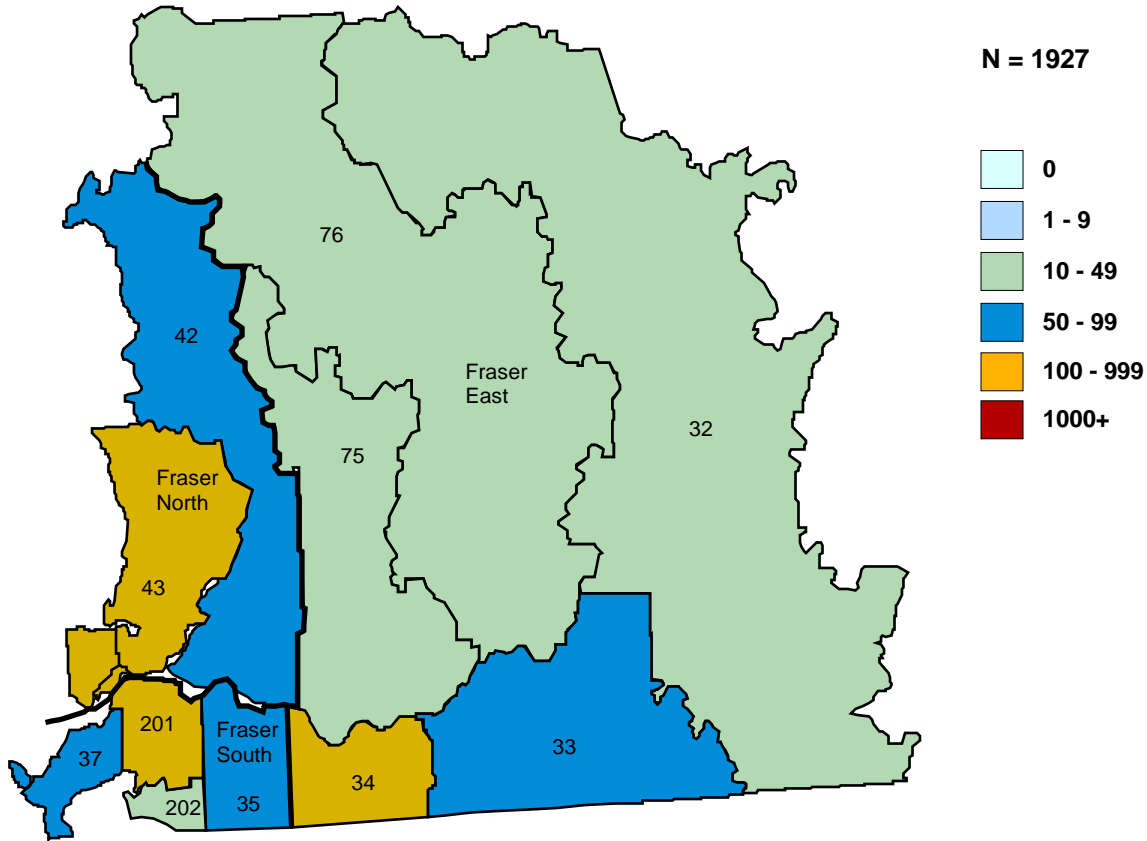
KELOWNA BY POSTAL CODE



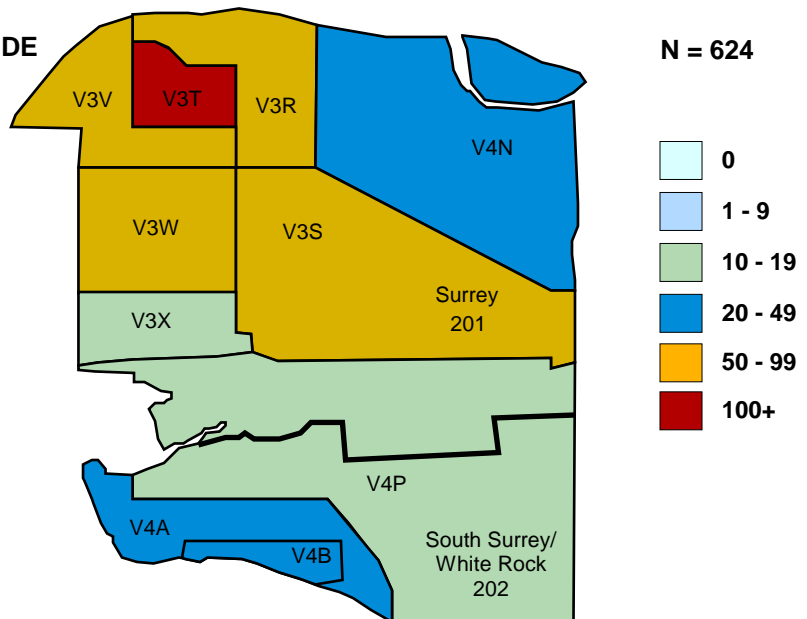


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2022

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



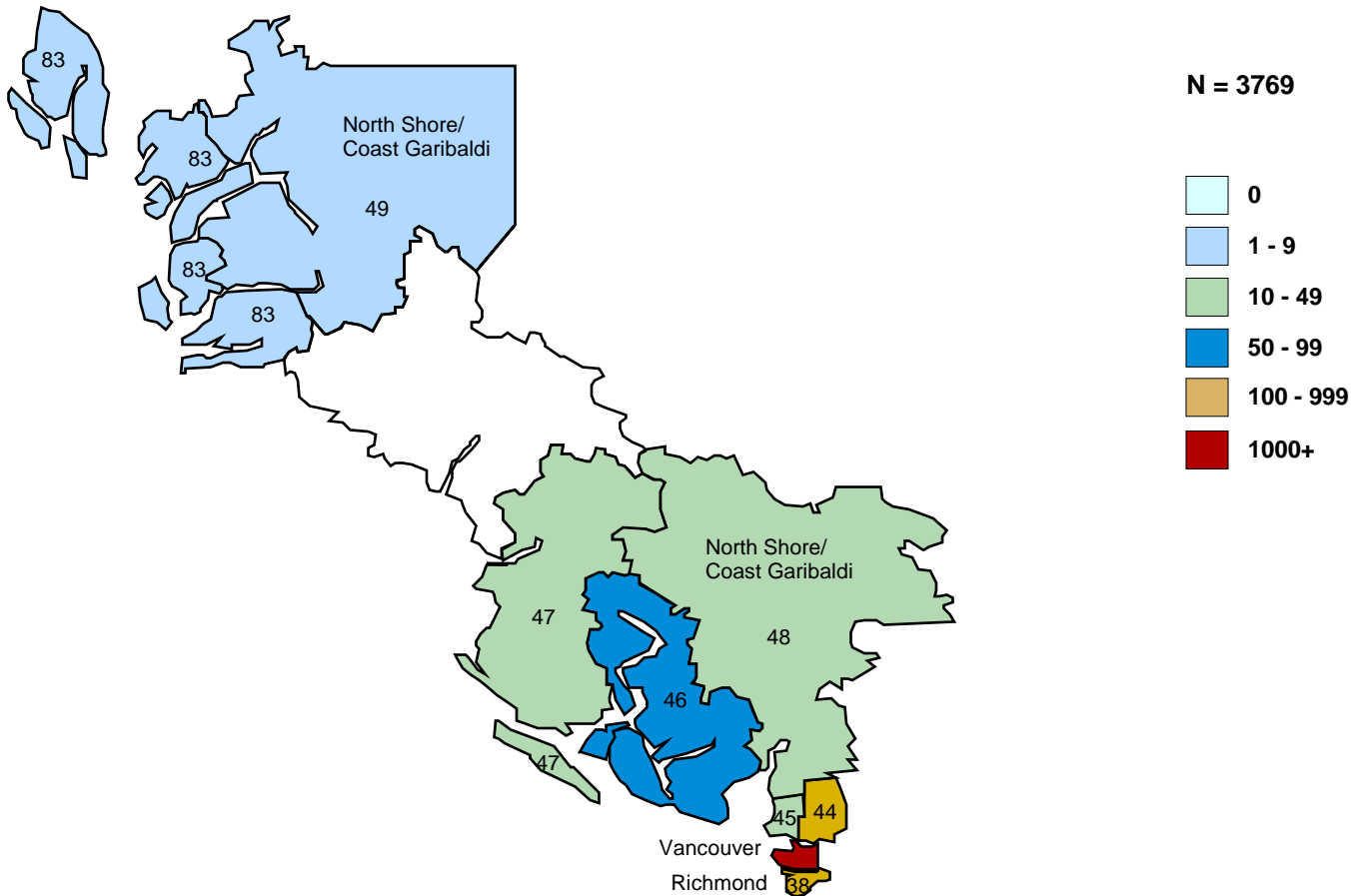
SURREY BY POSTAL CODE



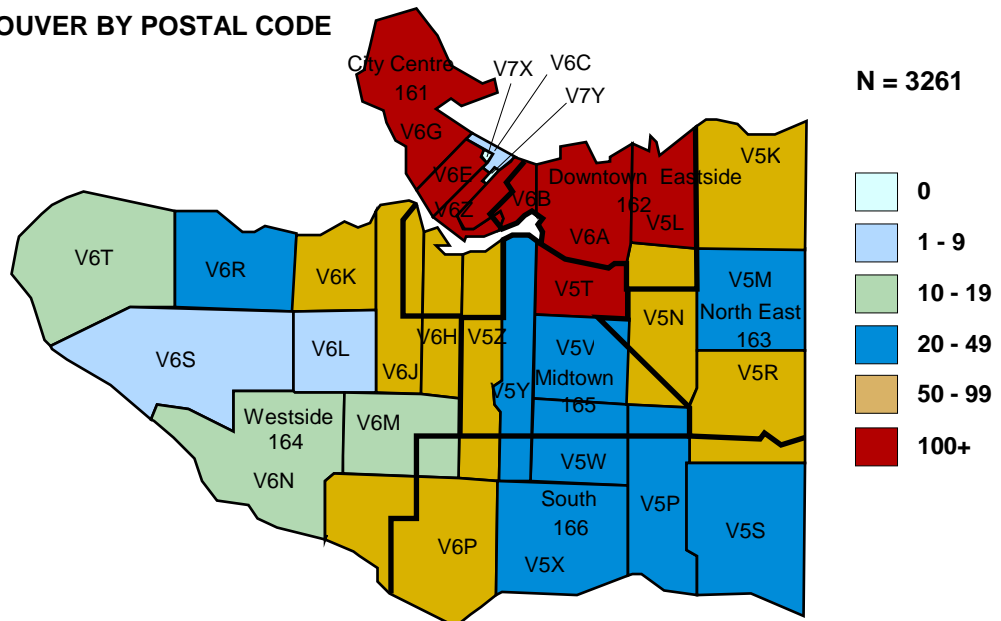


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2022

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



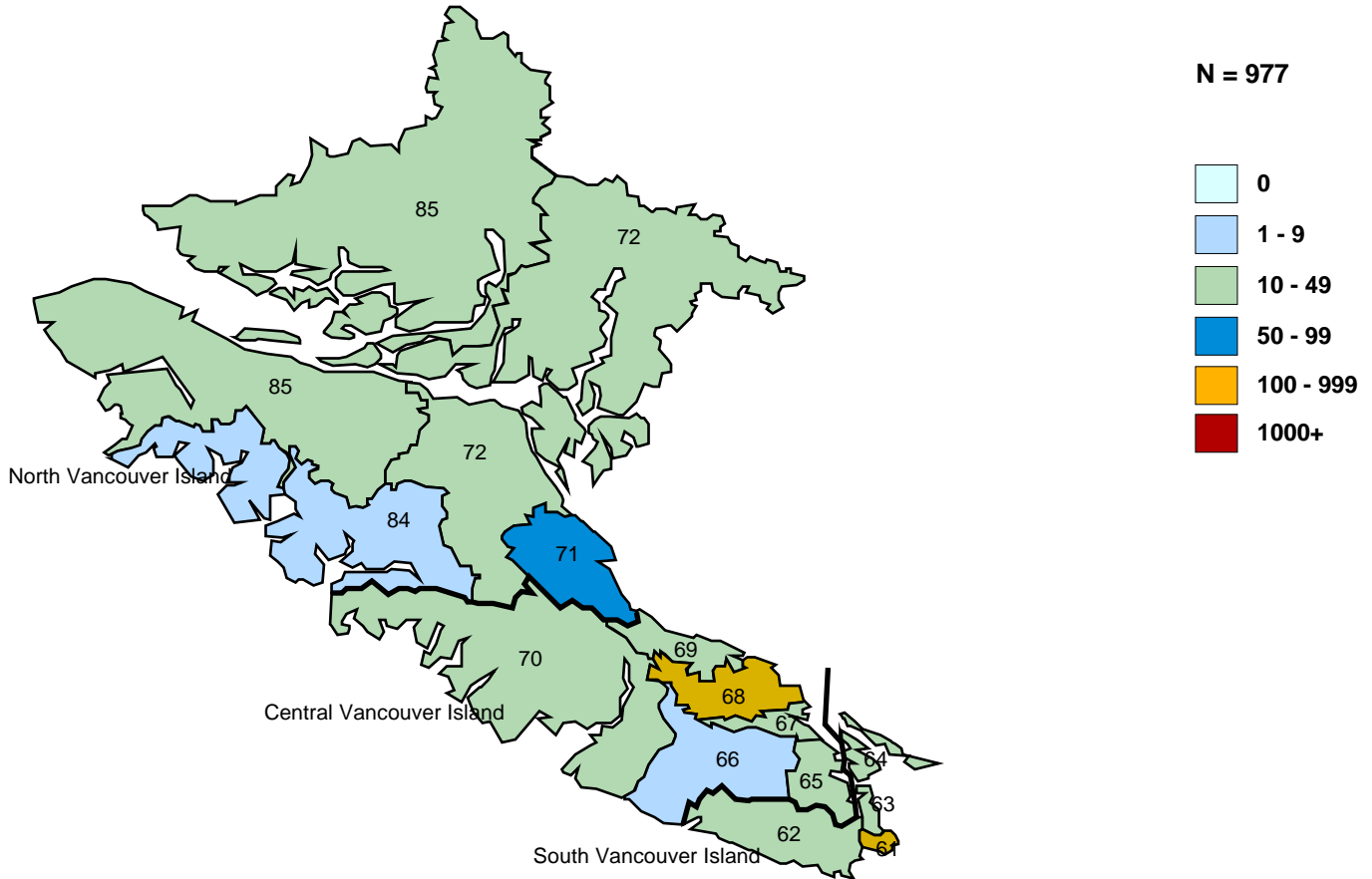
VANCOUVER BY POSTAL CODE



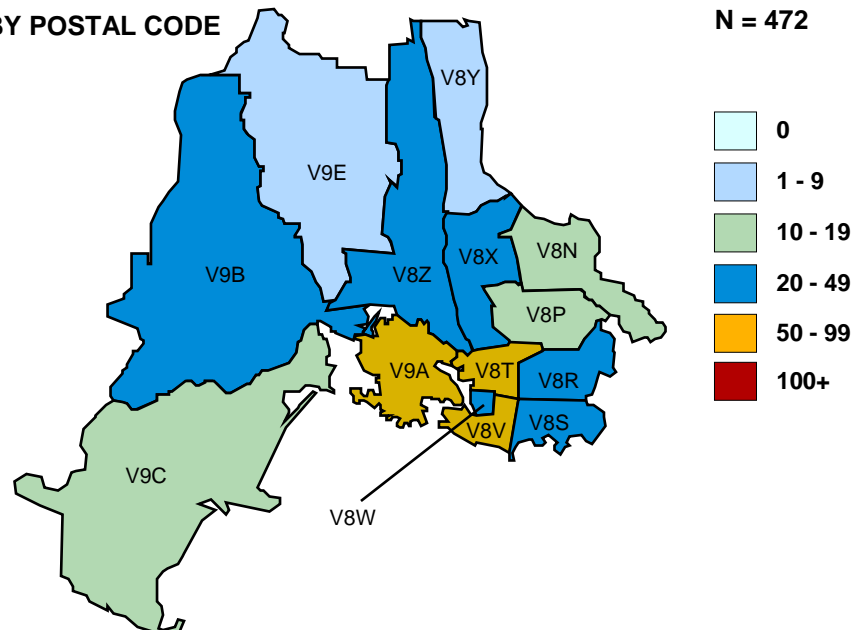


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2022

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



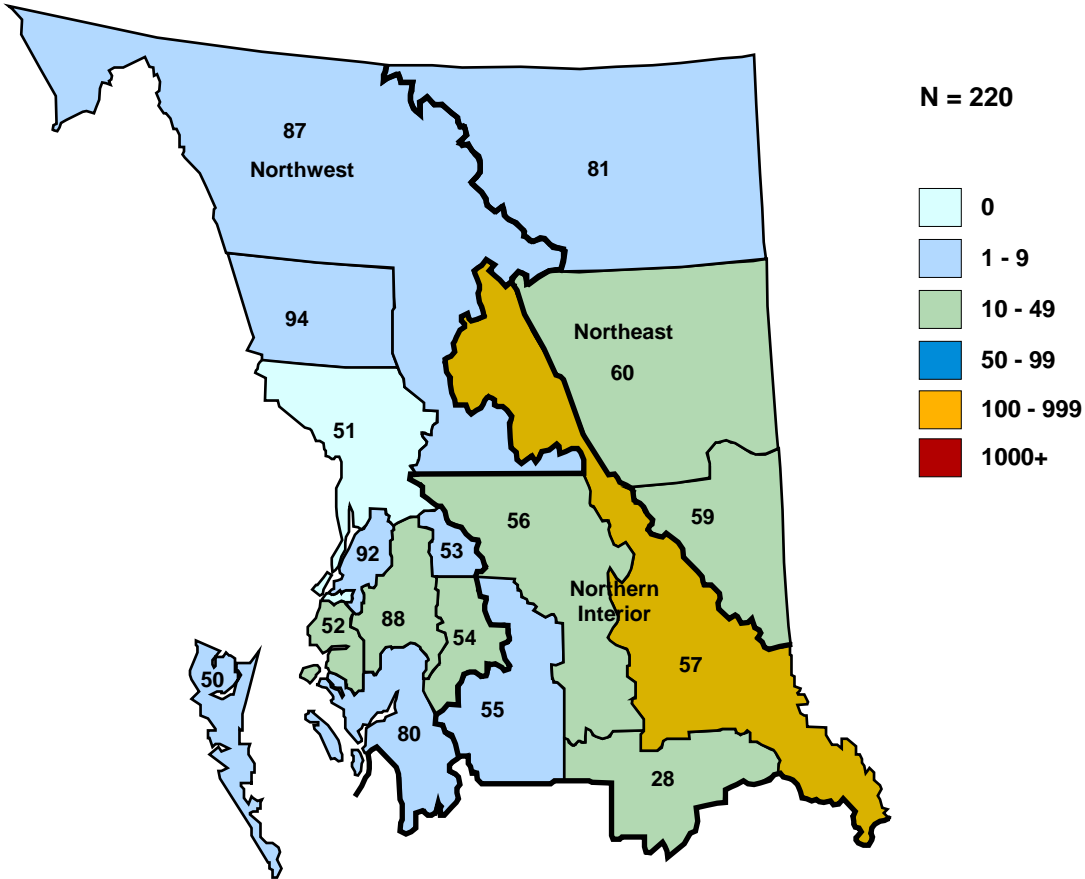
VICTORIA BY POSTAL CODE



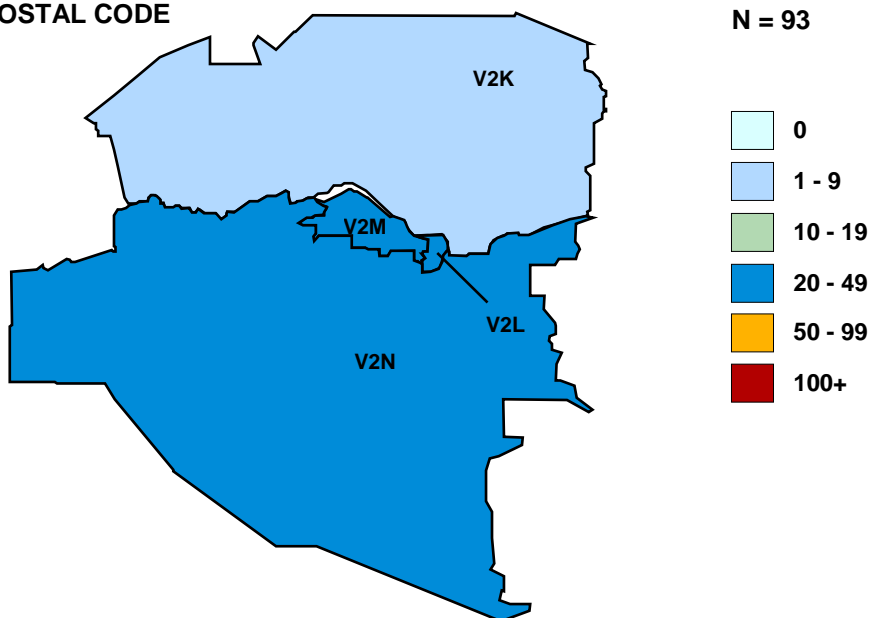


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Jun-2022

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



PRINCE GEORGE BY POSTAL CODE





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
EAST KOOTENAY	20-34	5	5	*
	35-49	13	13	*
	50+	25	41	*
	Total HSDA:	43	59	26
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	75	102	57	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	417	565	314	
THOMPSON/CARIBOO/ SHUSWAP	20-34	22	22	14
	35-49	64	70	45
	50+	122	195	98
	Total HSDA:	208	287	157
Total HA:		743	1013	554

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		743	1013	554

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	154	210	112
Male	589	803	442

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	554	56	630	<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	21	11
	5 years or more	12	6
	<5 years	10	9
	Total HSDA:	43	26
KOOTENAY BOUNDARY	10 years or more	46	32
	5 years or more	15	12
	<5 years	14	13
	Total HSDA:	75	57
OKANAGAN	10 years or more	275	205
	5 years or more	82	58
	<5 years	60	51
	Total HSDA:	417	314
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	132	103
	5 years or more	47	34
	<5 years	29	20
	Total HSDA:	208	157
Total HA:		743	554

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	474	351
5 years or more	156	110
<5 years	113	93
Total HA:	743	554

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

Definitions:

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

Treatment Duration defined as number of years since ARV initiation





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

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
EAST KOOTENAY	51	70	12	21
KOOTENAY BOUNDARY	77	136	24	52
OKANAGAN	235	1010	56	314
THOMPSON/CARIBOO/SHUSWAP	148	546	35	132
Total:	511	1762	127	519

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	109

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

Definitions:

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

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





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
FRASER EAST	0-19	6	6	6
	20-34	33	35	26
	35-49	98	103	67
	50+	255	351	189
	Total HSDA:	392	495	288
FRASER NORTH	20-34	121	121	78
	35-49	358	385	267
	50+	639	1004	490
	Total HSDA:	1118	1510	835
FRASER SOUTH	0-19	6	6	6
	20-34	100	102	68
	35-49	296	326	235
	50+	610	919	495
	Total HSDA:	1012	1353	804
Total HA:		2522	3358	1927

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	12
	20-34	254	258	172
	35-49	752	814	569
	50+	1504	2274	1174
Total HA:		2522	3358	1927

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	612	782	454
Male	1910	2576	1473

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1927	53	650	<40

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

Definitions:

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

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





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

HSDA	Treatment Duration	Alive	Currently treated with ARVs
FRASER EAST	10 years or more	252	186
	5 years or more	75	50
	<5 years	65	52
	Total HSDA:	392	288
FRASER NORTH	10 years or more	690	491
	5 years or more	246	198
	<5 years	182	146
	Total HSDA:	1118	835
FRASER SOUTH	10 years or more	626	492
	5 years or more	229	175
	<5 years	157	137
	Total HSDA:	1012	804
Total HA:		2522	1927

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1568	1169
	5 years or more	550	423
	<5 years	404	335
Total HA:		2522	1927

* 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	143	521	29	57
FRASER NORTH	259	1599	44	223
FRASER SOUTH	227	1747	49	484
Total:	629	3867	122	764

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	189
FRASER NORTH	690
FRASER SOUTH	452
Total:	1331

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

Definitions:

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

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





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
NORTH SHORE/ COAST GARIBALDI	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		358	519
RICHMOND	20-34	31	32	18
	35-49	50	52	40
	50+	113	165	95
	Total HSDA:	194	249	153
VANCOUVER	0-19	11	11	10
	20-34	436	451	296
	35-49	1253	1404	893
	50+	2953	5200	2131
	Total HSDA:	4653	7066	3330
Total HA:		5205	7834	3769

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	12	12	11
	20-34	497	513	335
	35-49	1384	1545	991
	50+	3312	5764	2432
Total HA:		5205	7834	3769

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	599	954	449
Male	4604	6878	3320
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3769	55	650	<40

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

Definitions:

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

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





**4.8 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	233	185
	5 years or more	68	56
	<5 years	57	45
	Total HSDA:	358	286
RICHMOND	10 years or more	117	90
	5 years or more	34	26
	<5 years	43	37
	Total HSDA:	194	153
VANCOUVER	10 years or more	3181	2206
	5 years or more	865	637
	<5 years	607	487
	Total HSDA:	4653	3330
Total HA:		5205	3769

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3531	2481
	5 years or more	967	719
	<5 years	707	569
Total HA:		5205	3769

* 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	184	412	51	75
RICHMOND	44	302	8	88
VANCOUVER	664	11352	207	5352
Total:	892	12066	266	5515

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	81

* 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:		348	506
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		122	170
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		781	1125
Total HA:		1251	1801	977

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	5
	20-34	115	126	81
	35-49	282	323	221
	50+	848	1346	670
Total HA:		1251	1801	977

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	215	313	167
Male	1036	1488	810

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	977	56	590	<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	211	176
	5 years or more	80	59
	<5 years	57	47
	Total HSDA:	348	282
NORTH VANCOUVER ISLAND	10 years or more	84	70
	5 years or more	27	19
	<5 years	11	11
	Total HSDA:	122	100
SOUTH VANCOUVER ISLAND	10 years or more	476	343
	5 years or more	162	135
	<5 years	143	117
	Total HSDA:	781	595
Total HA:		1251	977

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	771	589
	5 years or more	269	213
	<5 years	211	175
Total HA:		1251	977

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

Definitions:

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

Treatment Duration defined as number of years since ARV initiation





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

HSDA of Prescriber Residency	# of Prescribers ever prescribed ARVs	# of Patients ever treated by Prescribers	# of Prescribers currently prescribing ARVs	# of Patients currently treated by Prescribers
CENTRAL VANCOUVER ISLAND	202	915	75	199
NORTH VANCOUVER ISLAND	155	276	38	68
SOUTH VANCOUVER ISLAND	219	1897	37	576
Total:	576	3088	150	843

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	78
NORTH VANCOUVER ISLAND	41
SOUTH VANCOUVER ISLAND	131
Total:	250

* 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	6	6	*
	35-49	17	20	*
	50+	25	33	*
	Total HSDA:	48	59	27
NORTH WEST	20-34	*	6	0
	35-49	*	38	18
	50+	*	75	38
	Total HSDA:	72	119	56
NORTHERN INTERIOR	0-19	6	6	*
	20-34	21	22	*
	35-49	56	73	*
	50+	110	187	*
	Total HSDA:	193	288	137
Total HA:		313	466	220

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	31	34	*
	35-49	97	131	*
	50+	179	295	*
Total HA:		313	466	220

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	115	174	78
Male	198	292	142

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	220	53	590	<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	29	*
	5 years or more	6	*
	<5 years	13	*
	Total HSDA:	48	27
NORTH WEST	10 years or more	50	38
	5 years or more	12	10
	<5 years	10	8
	Total HSDA:	72	56
NORTHERN INTERIOR	10 years or more	97	69
	5 years or more	58	41
	<5 years	38	27
	Total HSDA:	193	137
Total HA:		313	220

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	176	122
	5 years or more	76	54
	<5 years	61	44
Total HA:		313	220

* 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	40	62	5	5
NORTH WEST	85	169	19	36
NORTHERN INTERIOR	121	494	21	193
Total:	246	725	45	234

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	*
NORTH WEST	*
NORTHERN INTERIOR	*
Total:	34

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

Definitions:

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

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





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

HA	HSDA	Alive	Ever treated with ARVs	Currently treated with ARVs
INTERIOR	EAST KOOTENAY	5	11	*
	KOOTENAY BOUNDARY	6	9	*
	OKANAGAN	29	48	*
	THOMPSON/CARIBOO/SHUSWAP	27	51	*
	Total HA:	67	119	45
FRASER	FRASER EAST	36	49	27
	FRASER NORTH	53	93	43
	FRASER SOUTH	83	118	61
	Total HA:	172	260	131
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	31	55	26
	RICHMOND	6	11	5
	VANCOUVER	466	899	369
	Total HA:	503	965	400
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	45	79	37
	NORTH VANCOUVER ISLAND	13	25	11
	SOUTH VANCOUVER ISLAND	47	94	38
	Total HA:	105	198	86
NORTHERN	NORTH EAST	10	14	6
	NORTH WEST	31	66	27
	NORTHERN INTERIOR	67	113	49
	Total HA:	108	193	82
Total:		955	1735	744

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	607	1114	473
Female	348	621	271

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	744	53	510	<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.

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

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

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

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

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

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

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

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

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

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

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MDRT: see MULTIPLE DRUG RESCUE THERAPY

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





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

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

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

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

NNRTI: see NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR.

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

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

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

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

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

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

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

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

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

PI: see PROTEASE INHIBITOR.

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

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

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

Raltegravir (Isentress): an INTEGRASE INHIBITOR from Merck.

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





Monthly Report

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

