



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

September 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.

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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 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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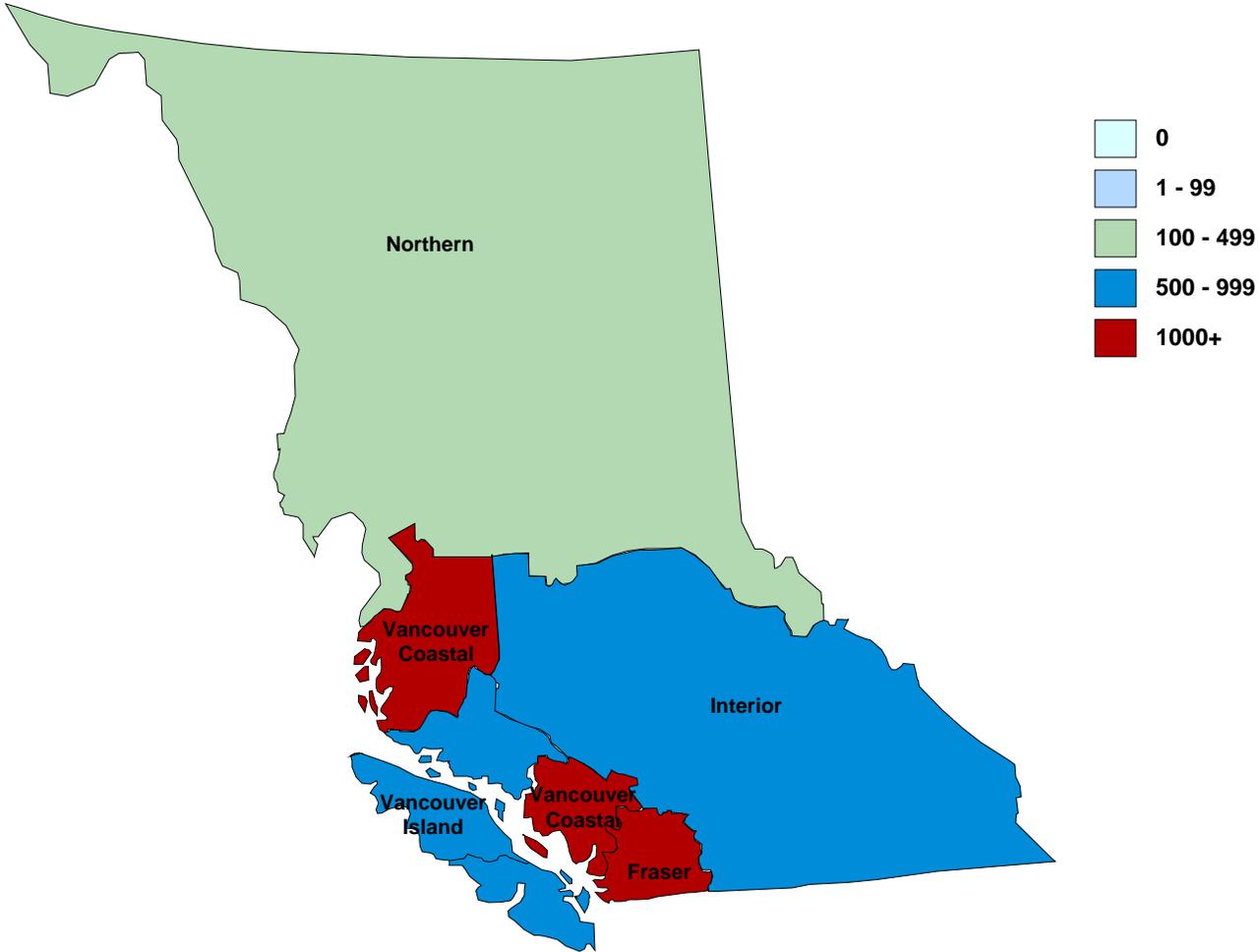




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

September 2022

N = 7451



Health Authority	Male	Female	All
FRASER	1479	445	1924
INTERIOR	439	112	551
NORTHERN	147	76	223
VANCOUVER COASTAL	3306	438	3744
VANCOUVER ISLAND	813	165	978
	6184	1236	7420
		Unknown/not stated:	31
		Total:	7451

Definitions:

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

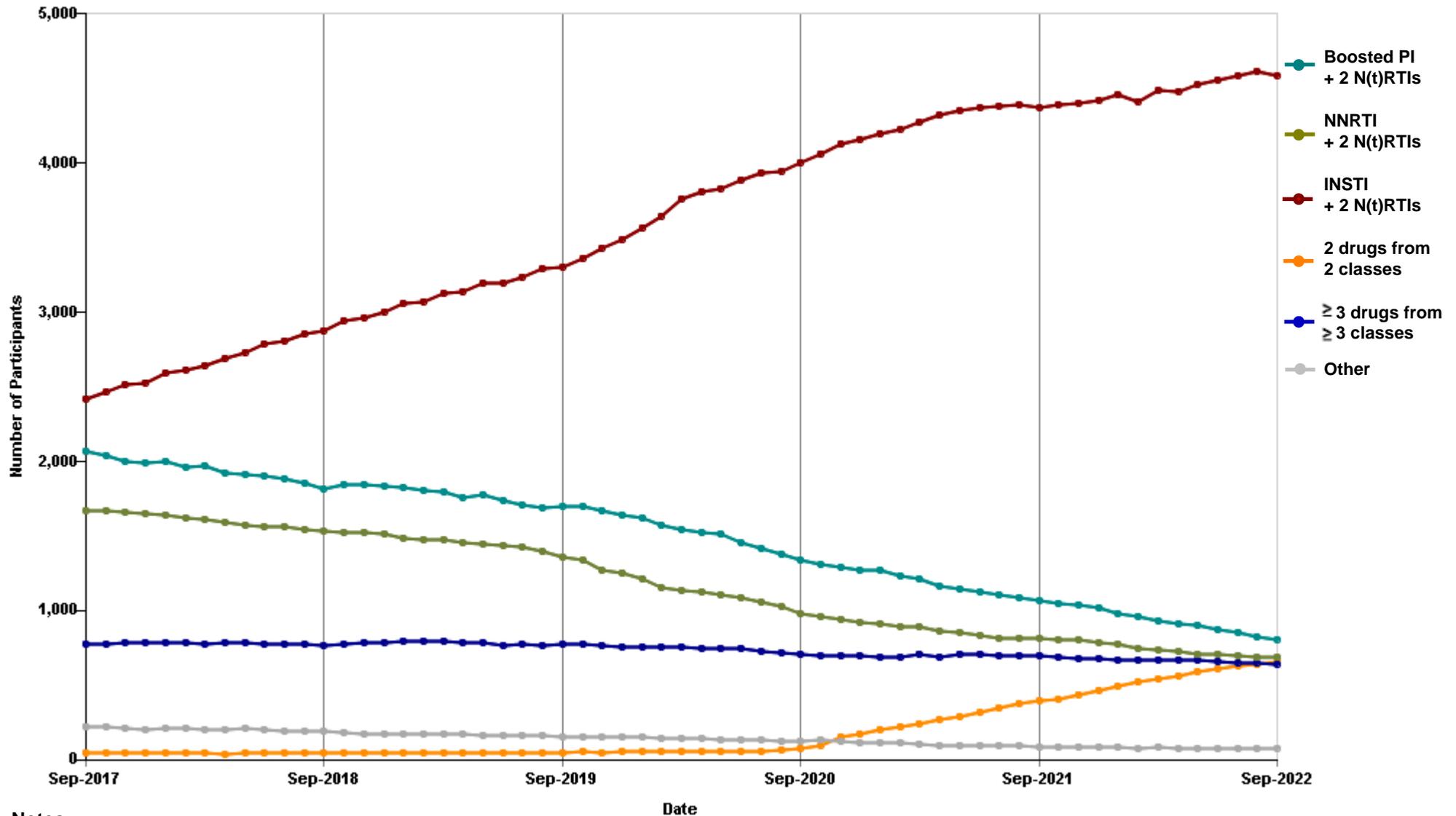
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





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



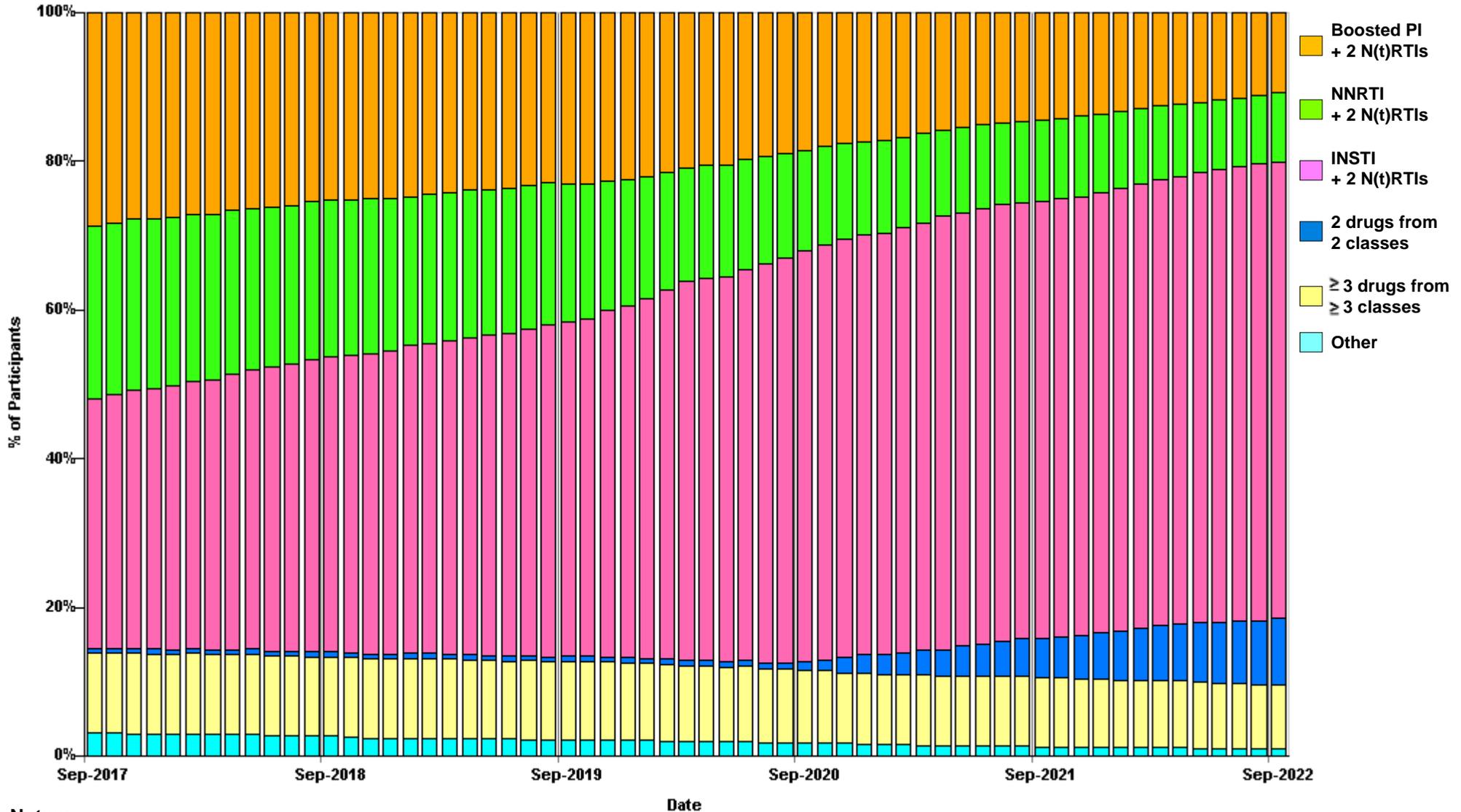
Notes:

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 (September 2017 - September 2022)



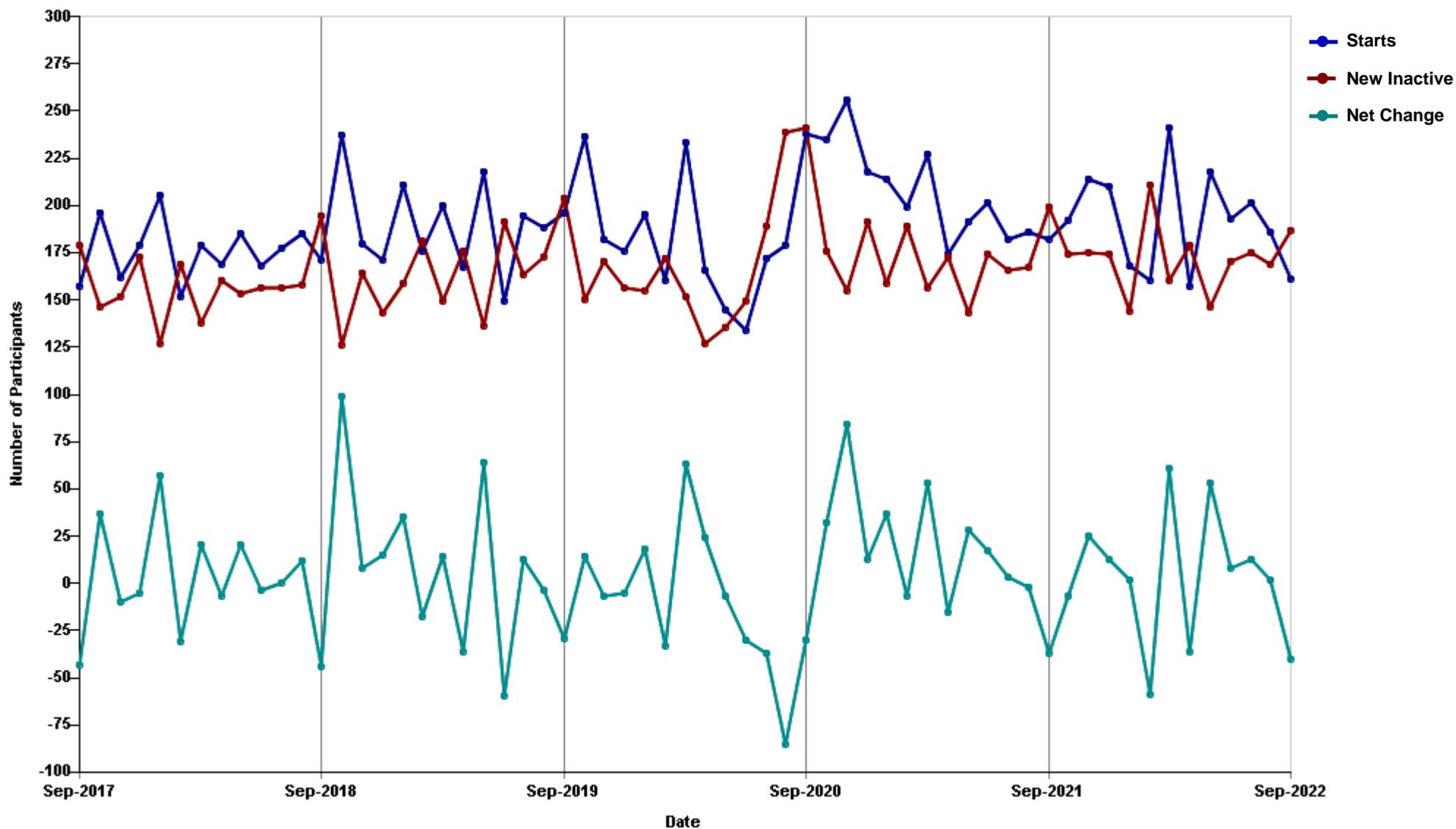
Notes:

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



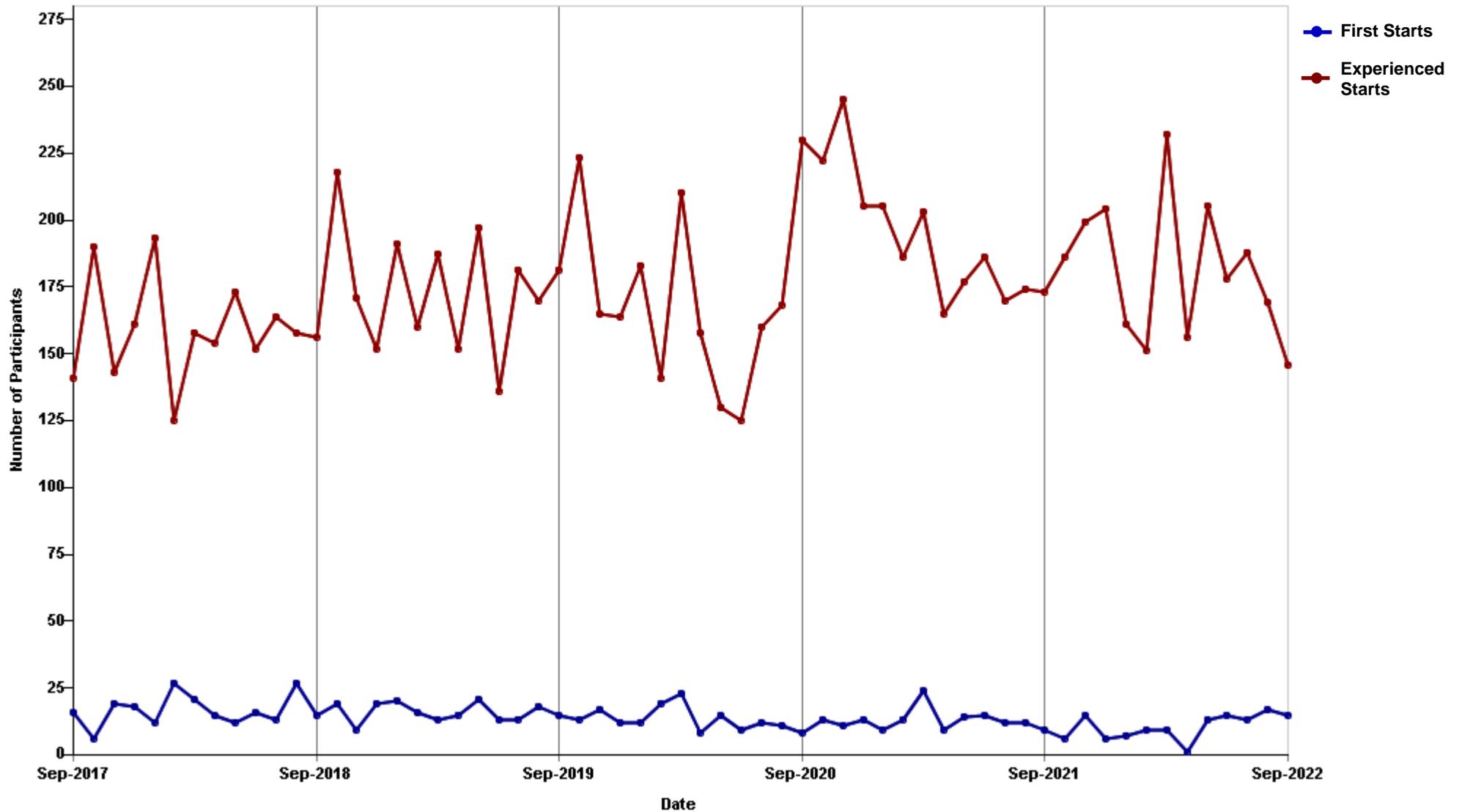


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (September 2017 - September 2022)



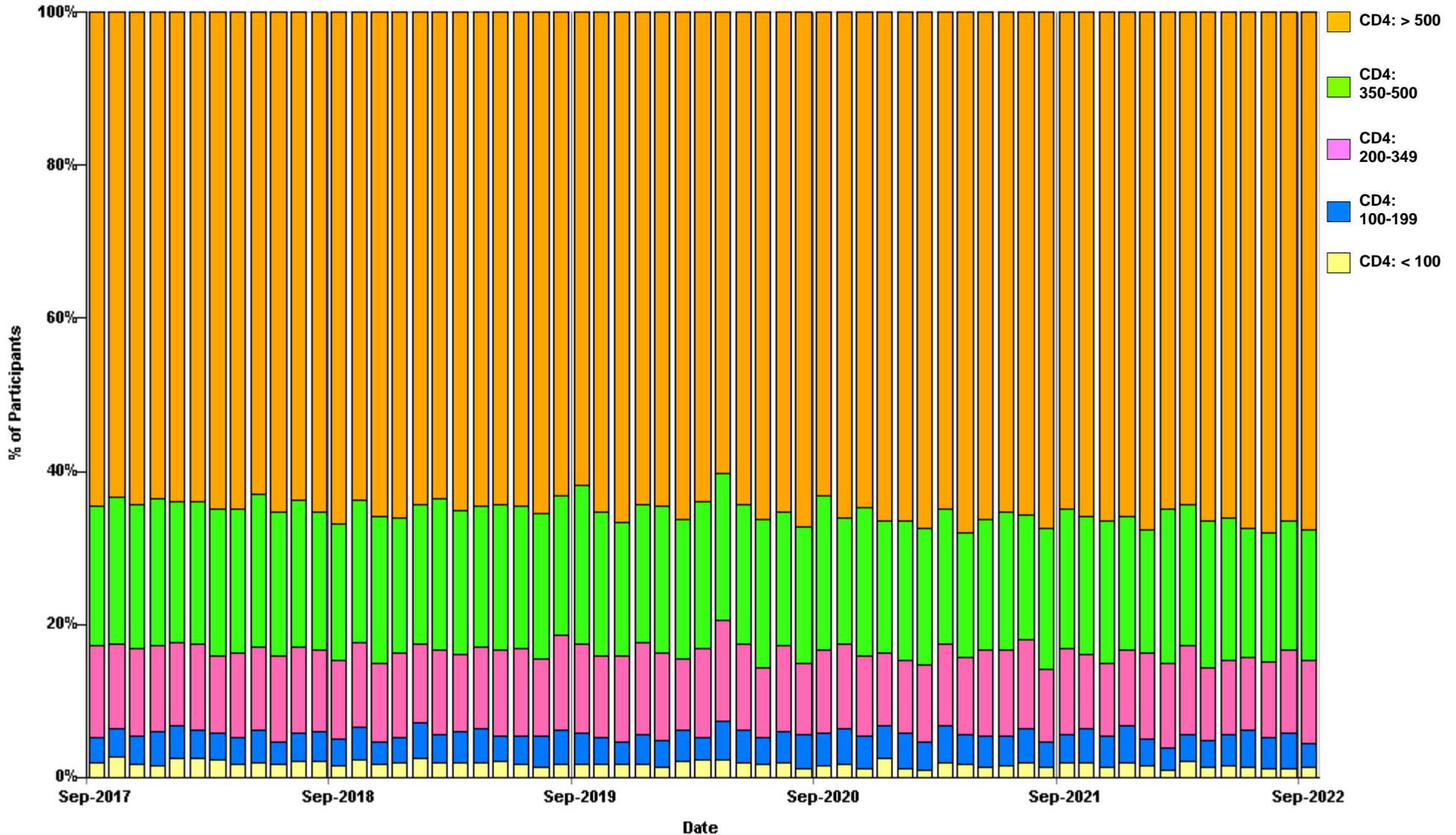


1.5 BC-CfE Enrolment: New Antiretroviral Participants (September 2017 - September 2022)



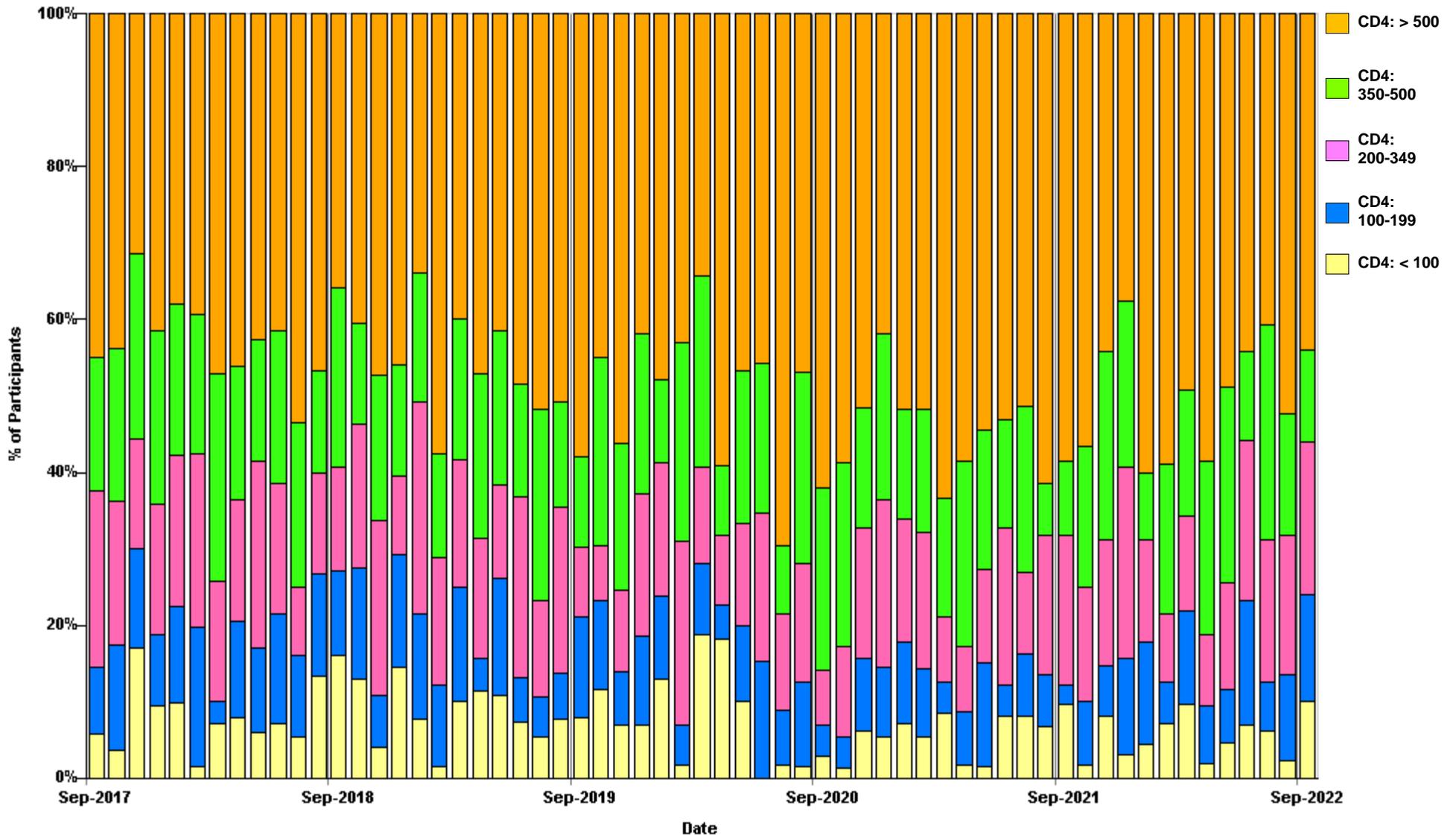


1.6 Percent Distribution of Active Participants by CD4 Count (September 2017 - September 2022)



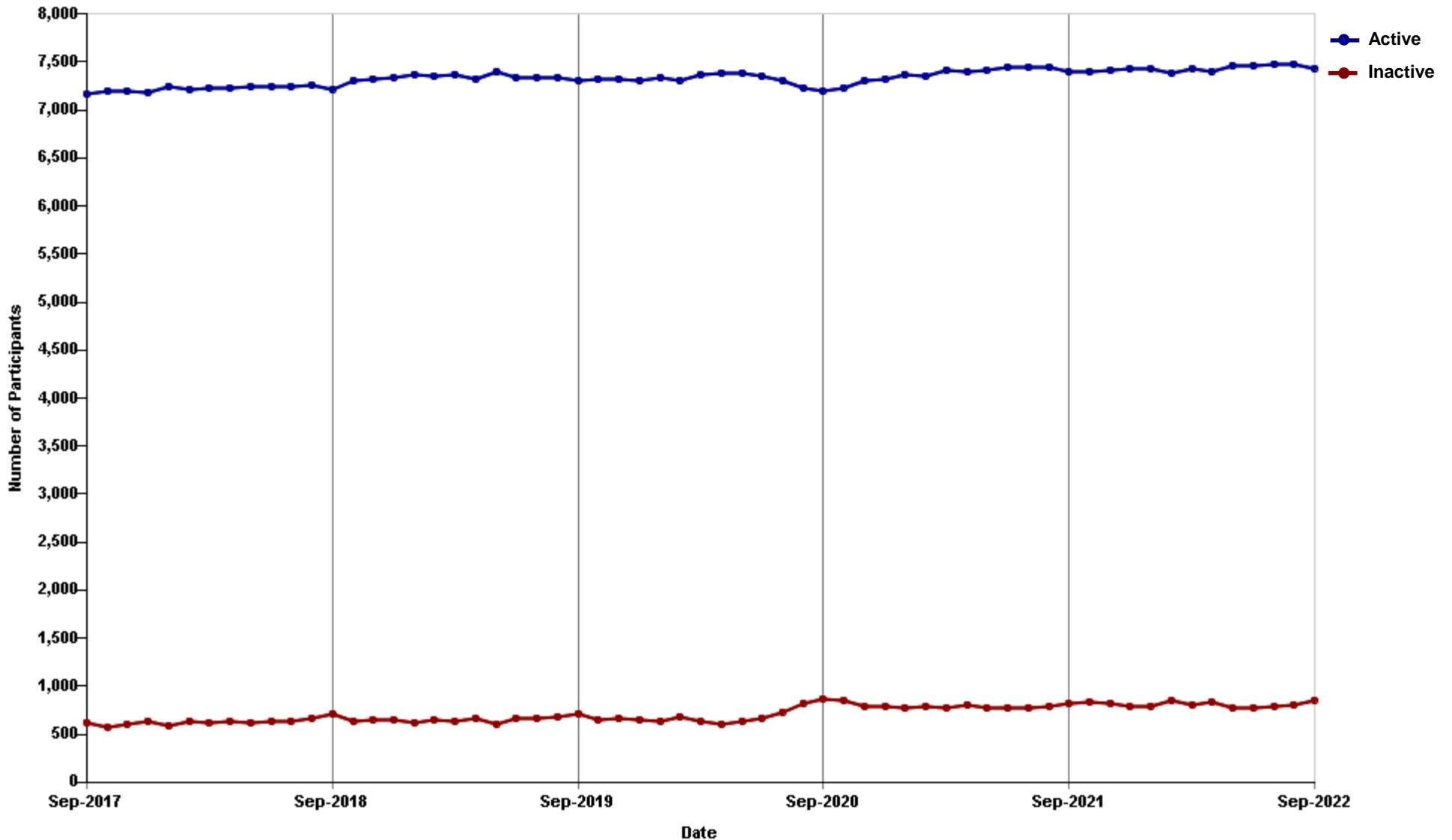


1.7 Percent Distribution of Inactive Participants by CD4 Count (September 2017 - September 2022)



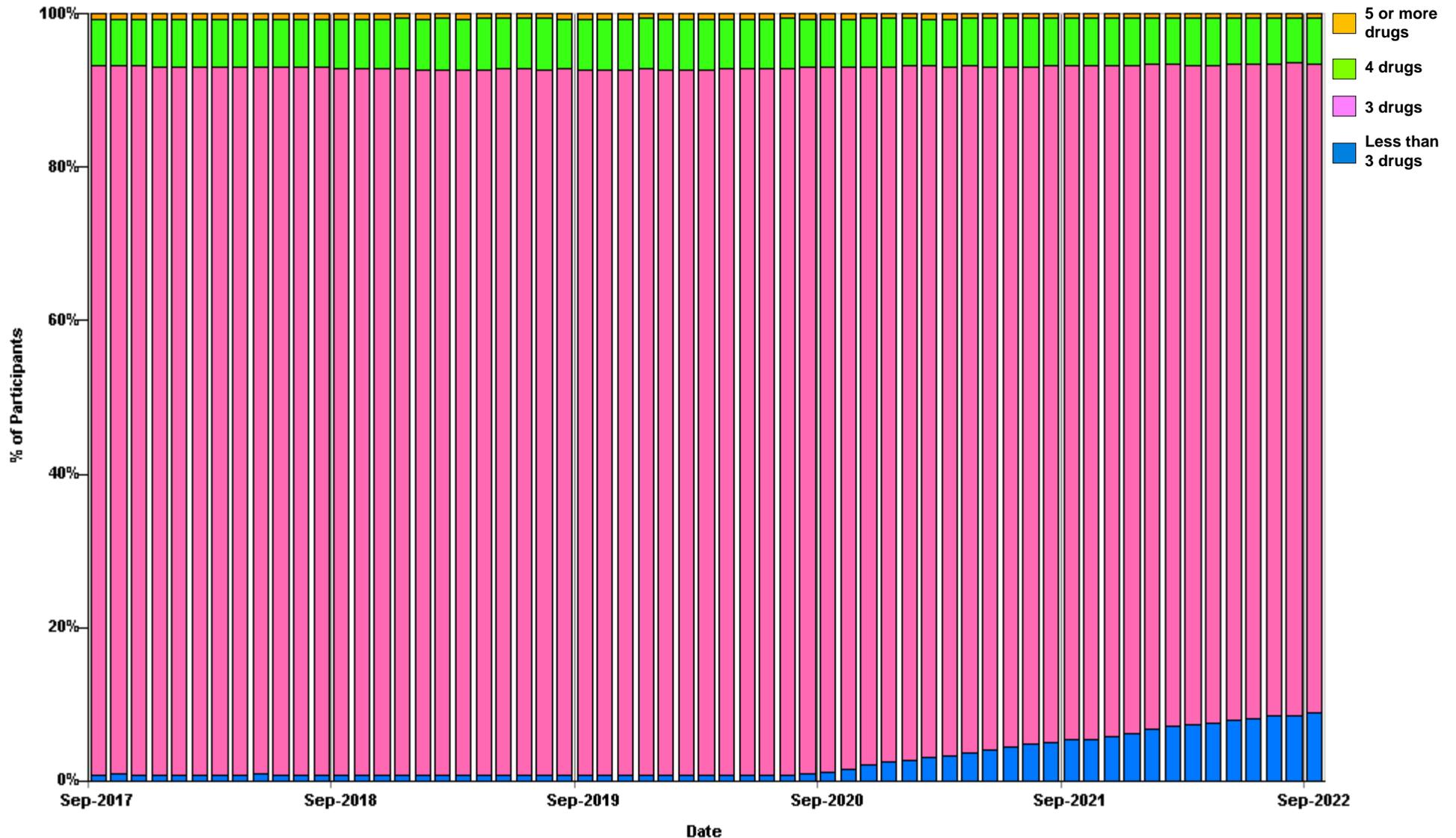


1.8 Active and Inactive Participants (September 2017 - September 2022)



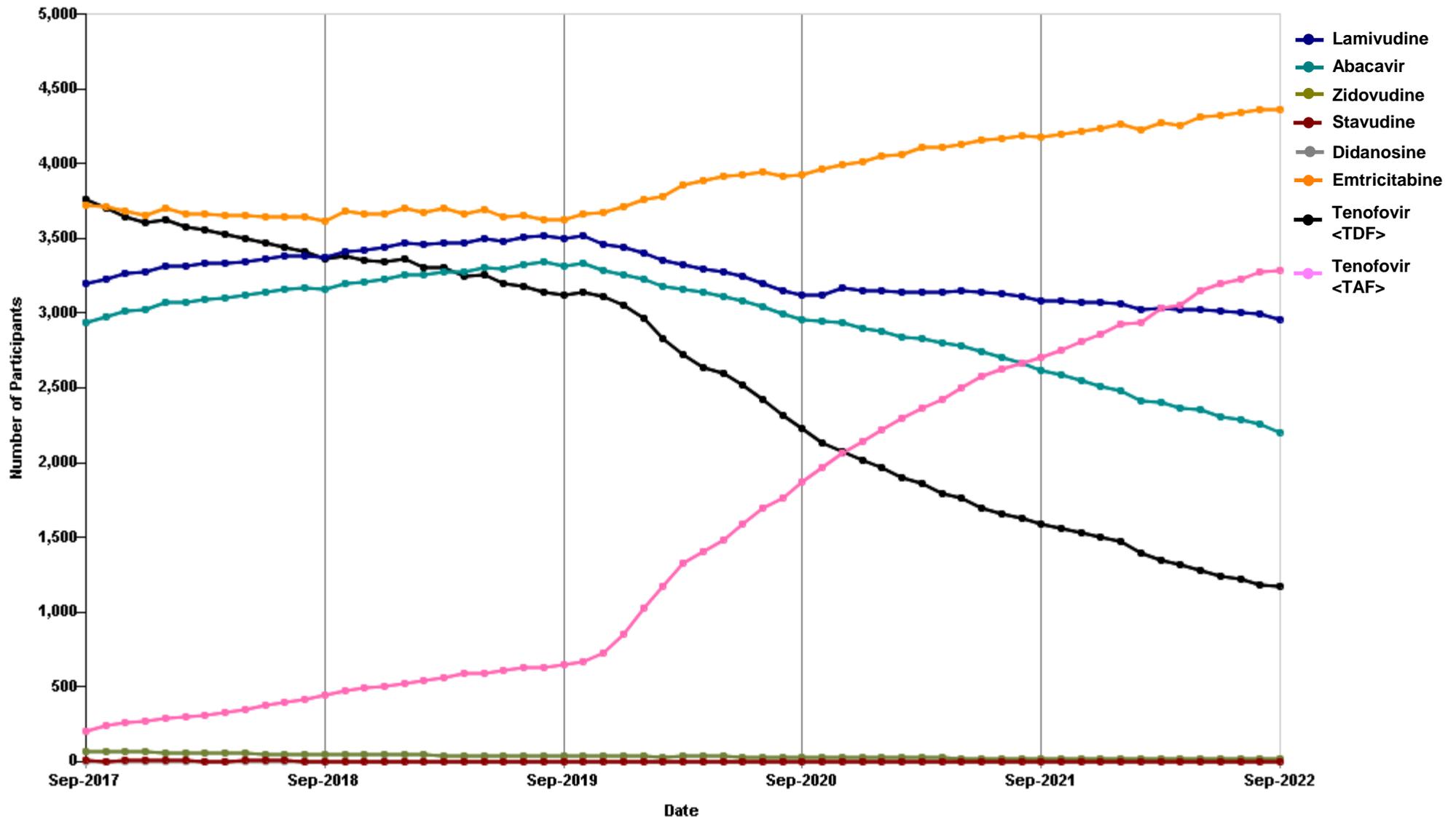


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (September 2017 - September 2022)





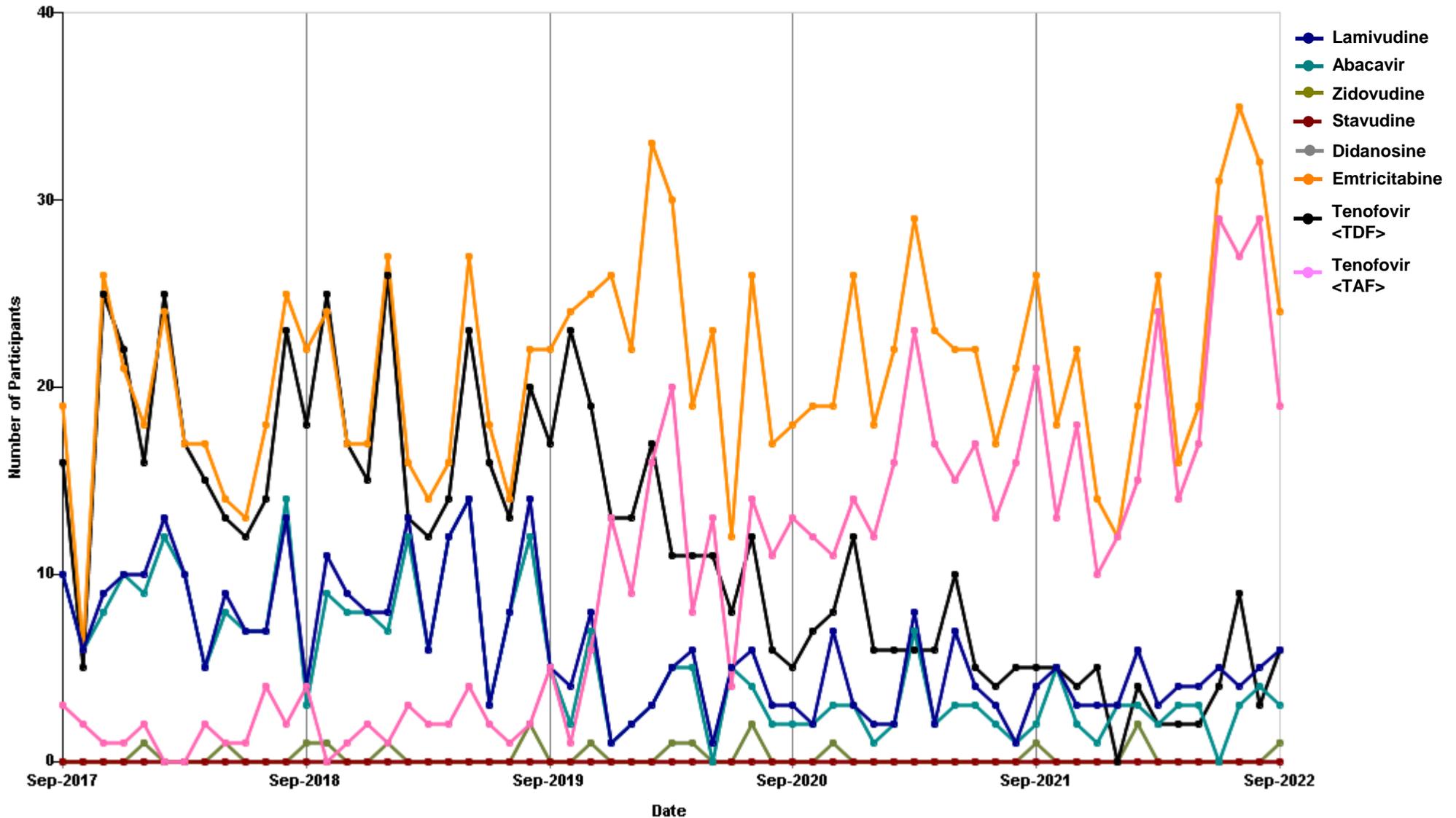
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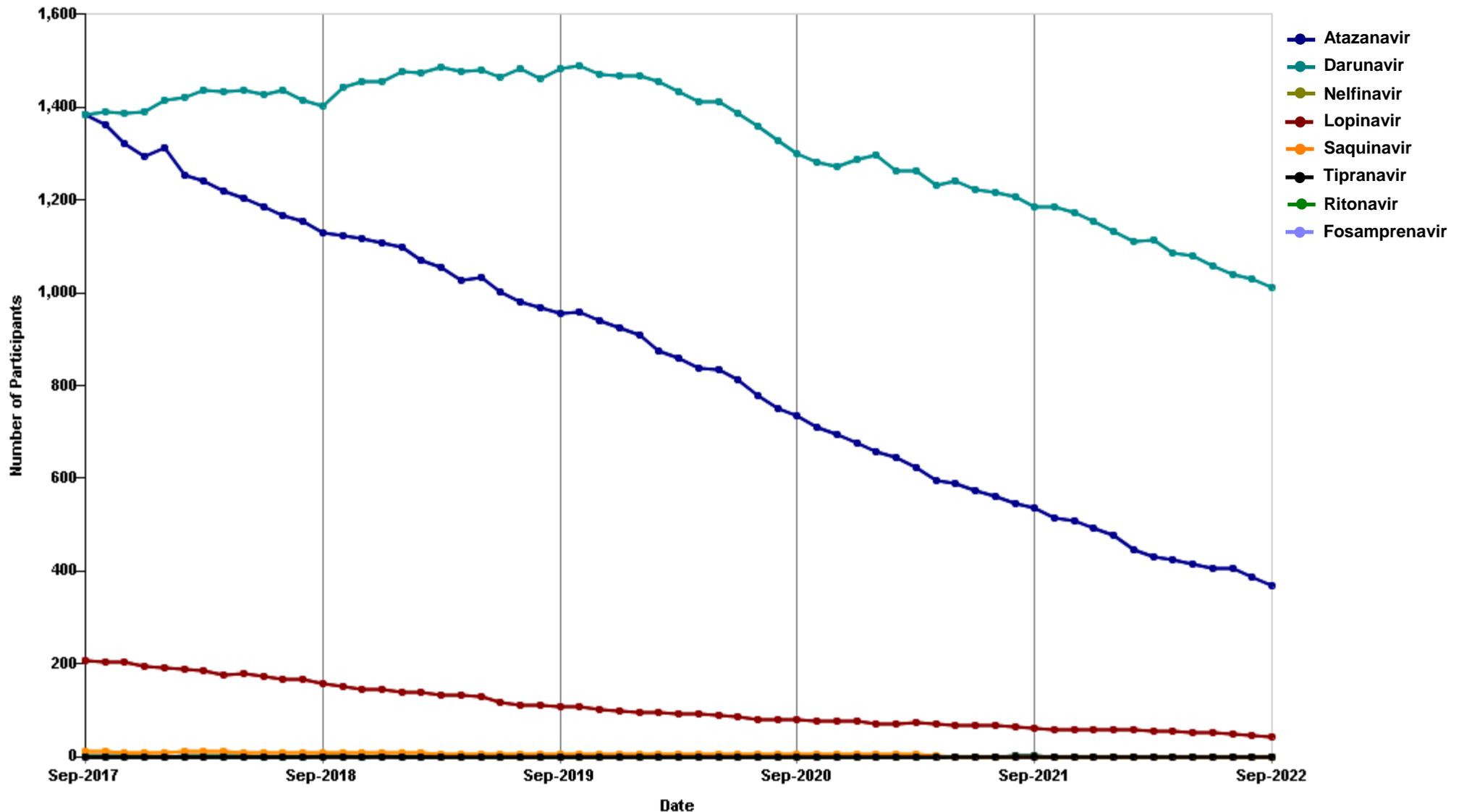
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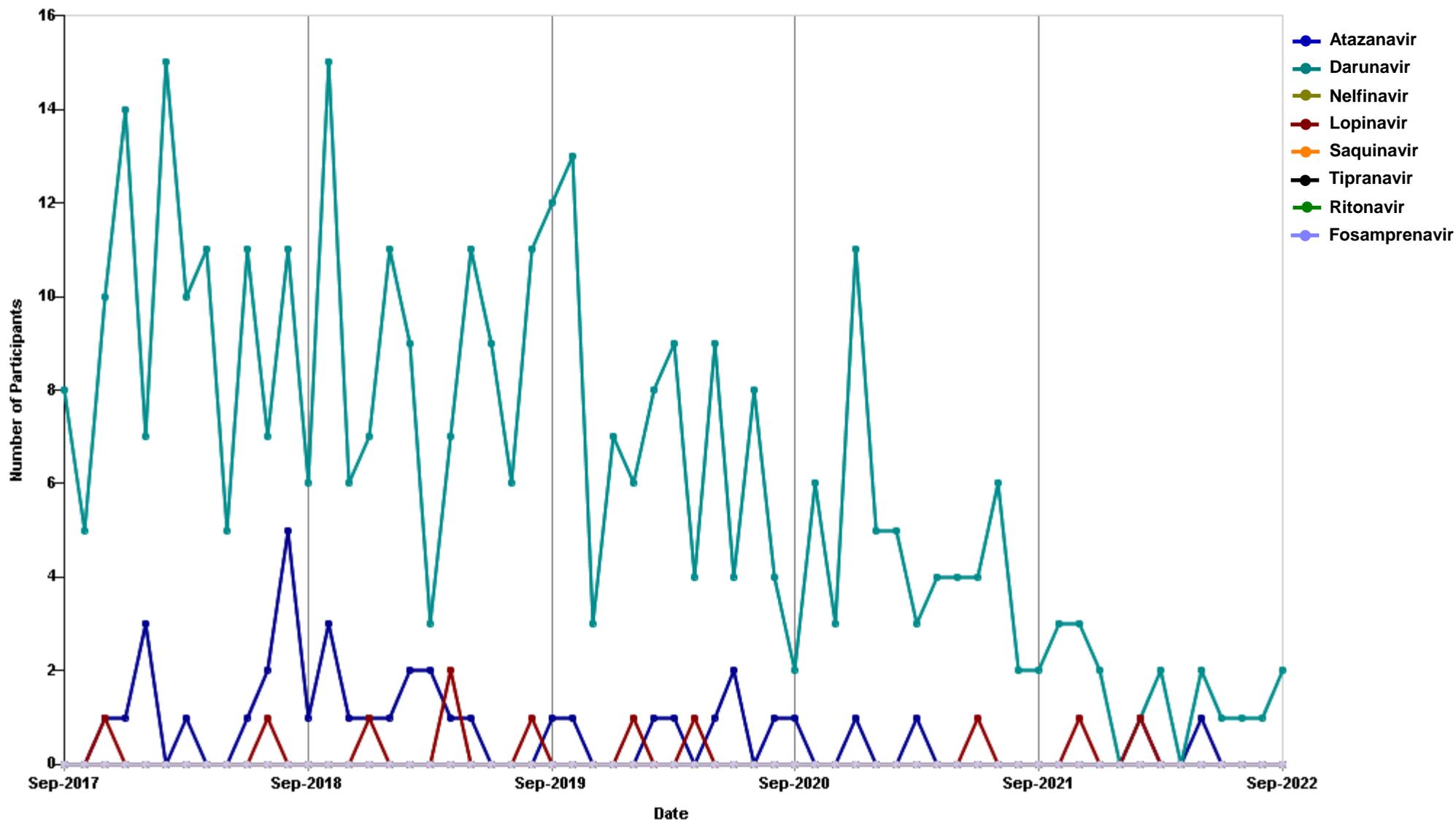
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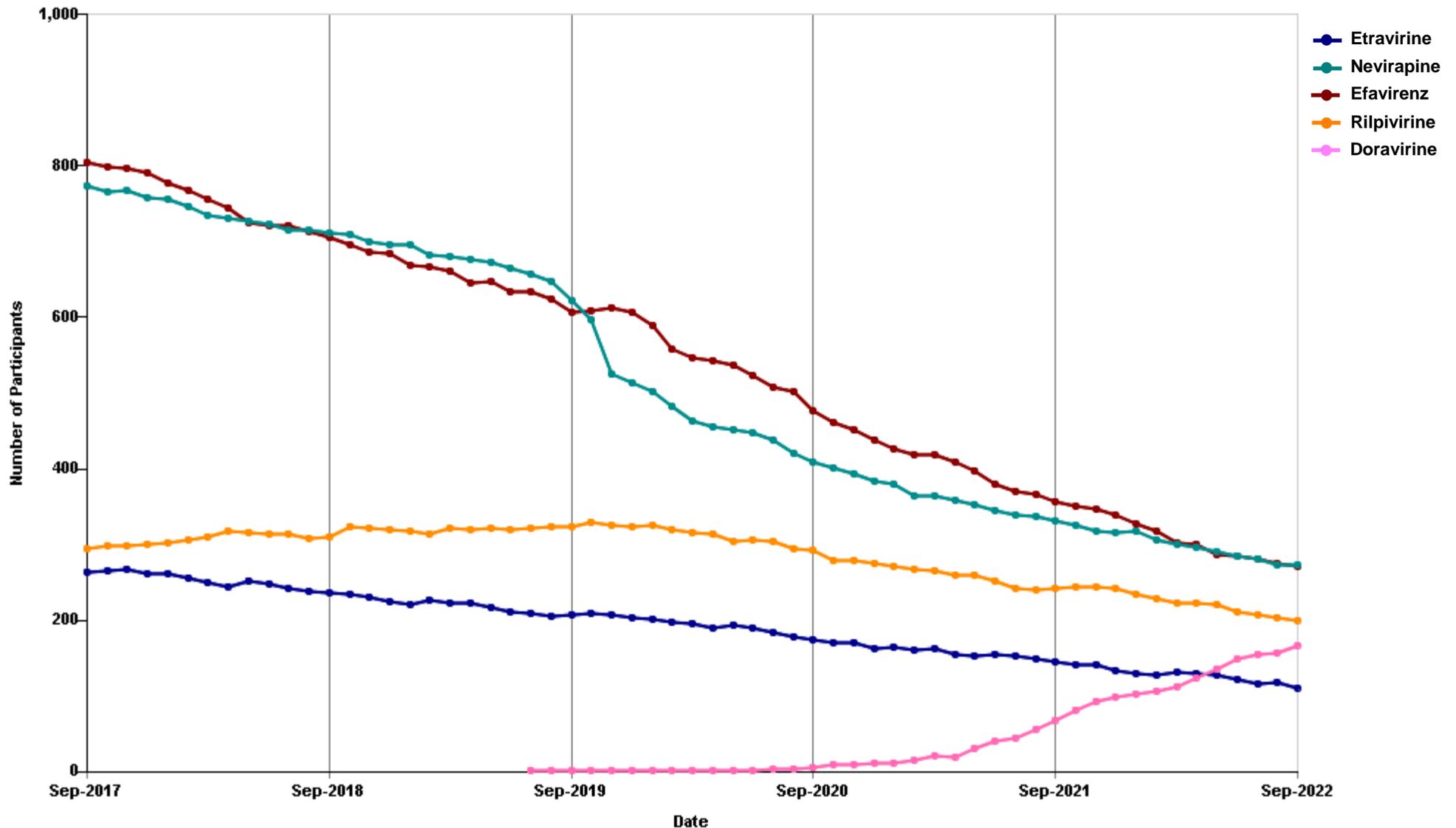
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

(September 2017 - September 2022)





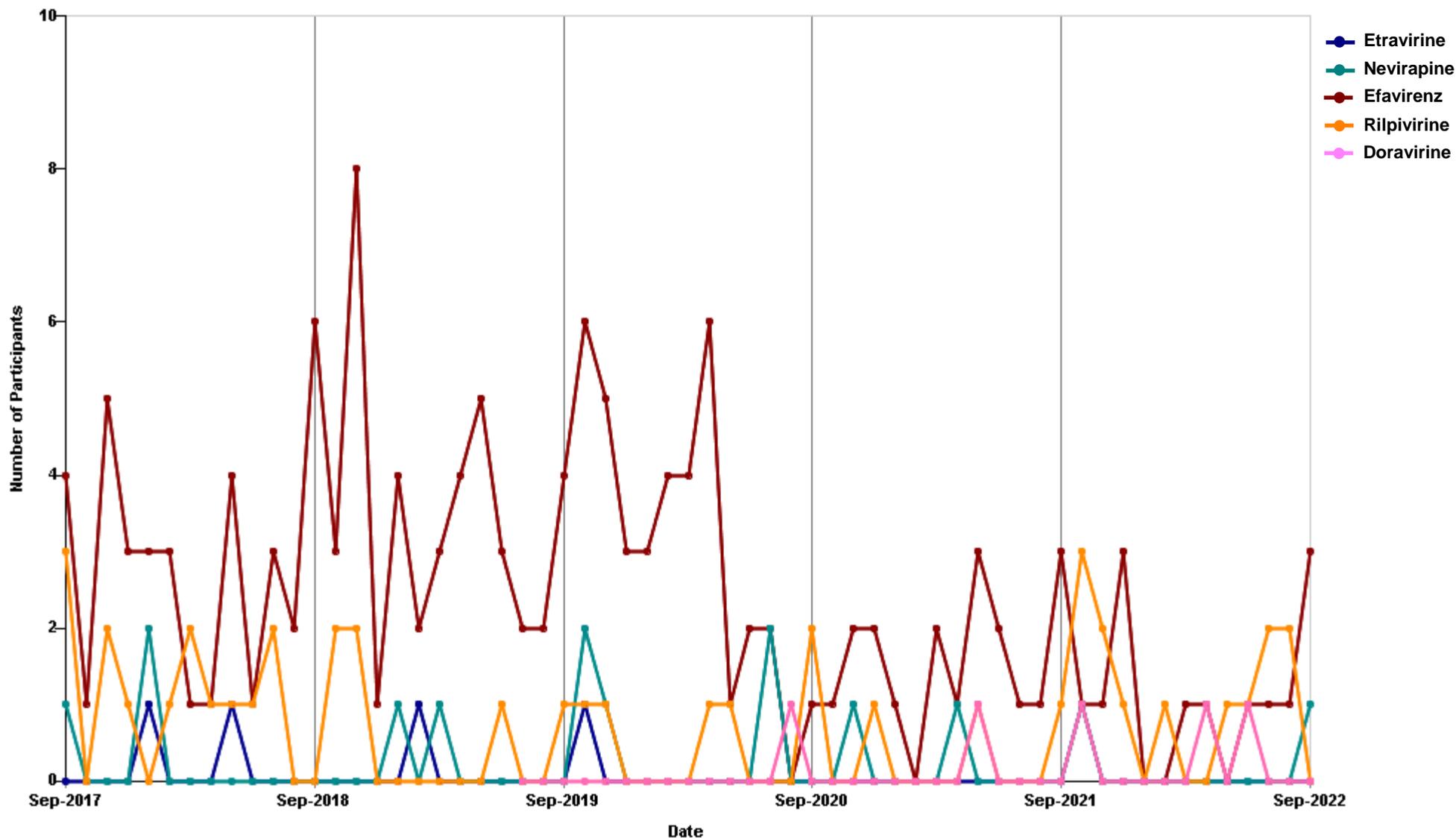
1.14 Distribution of Participants on Non-Nucleosides by INGREDIENT (September 2017 - September 2022)





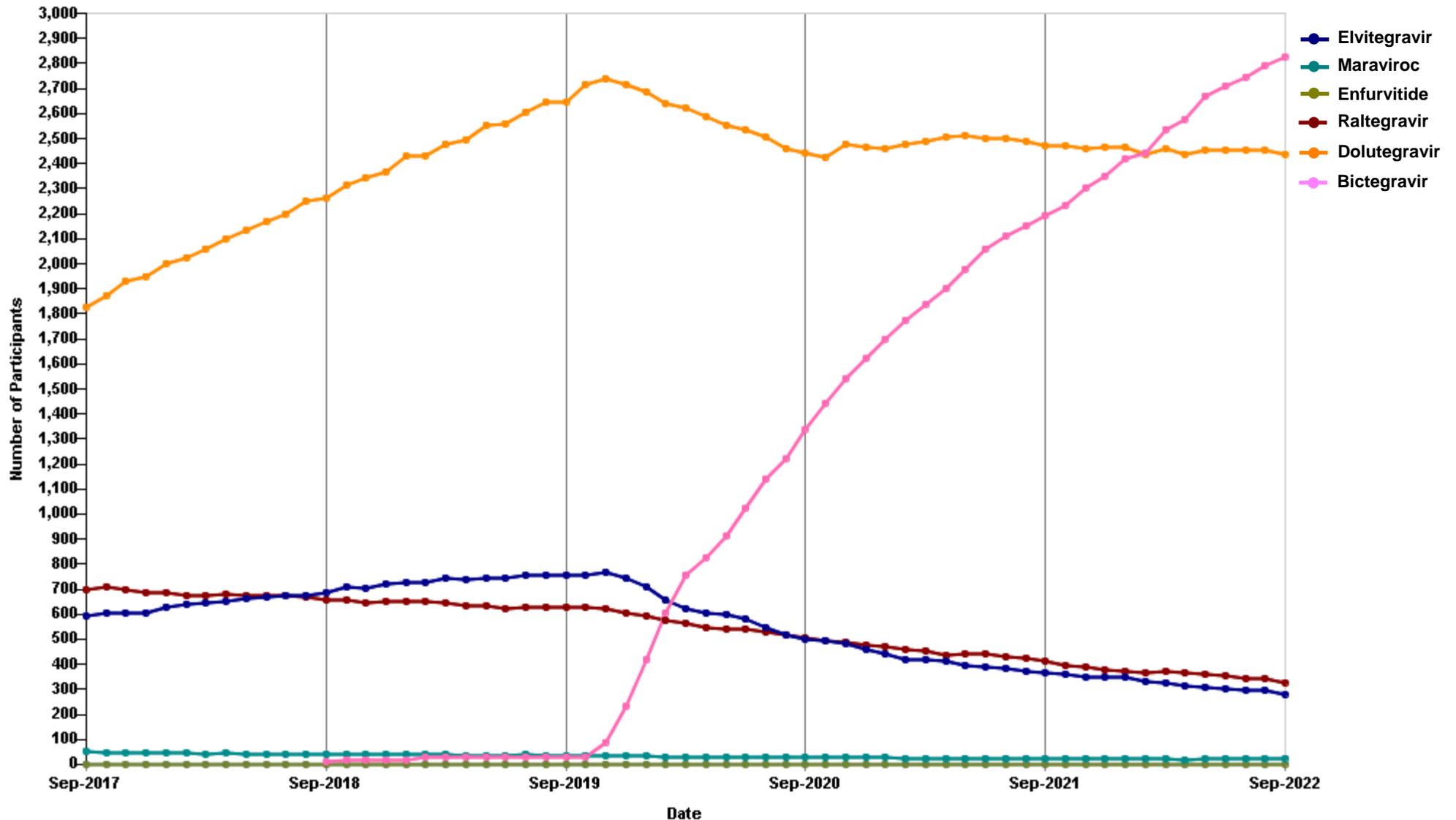
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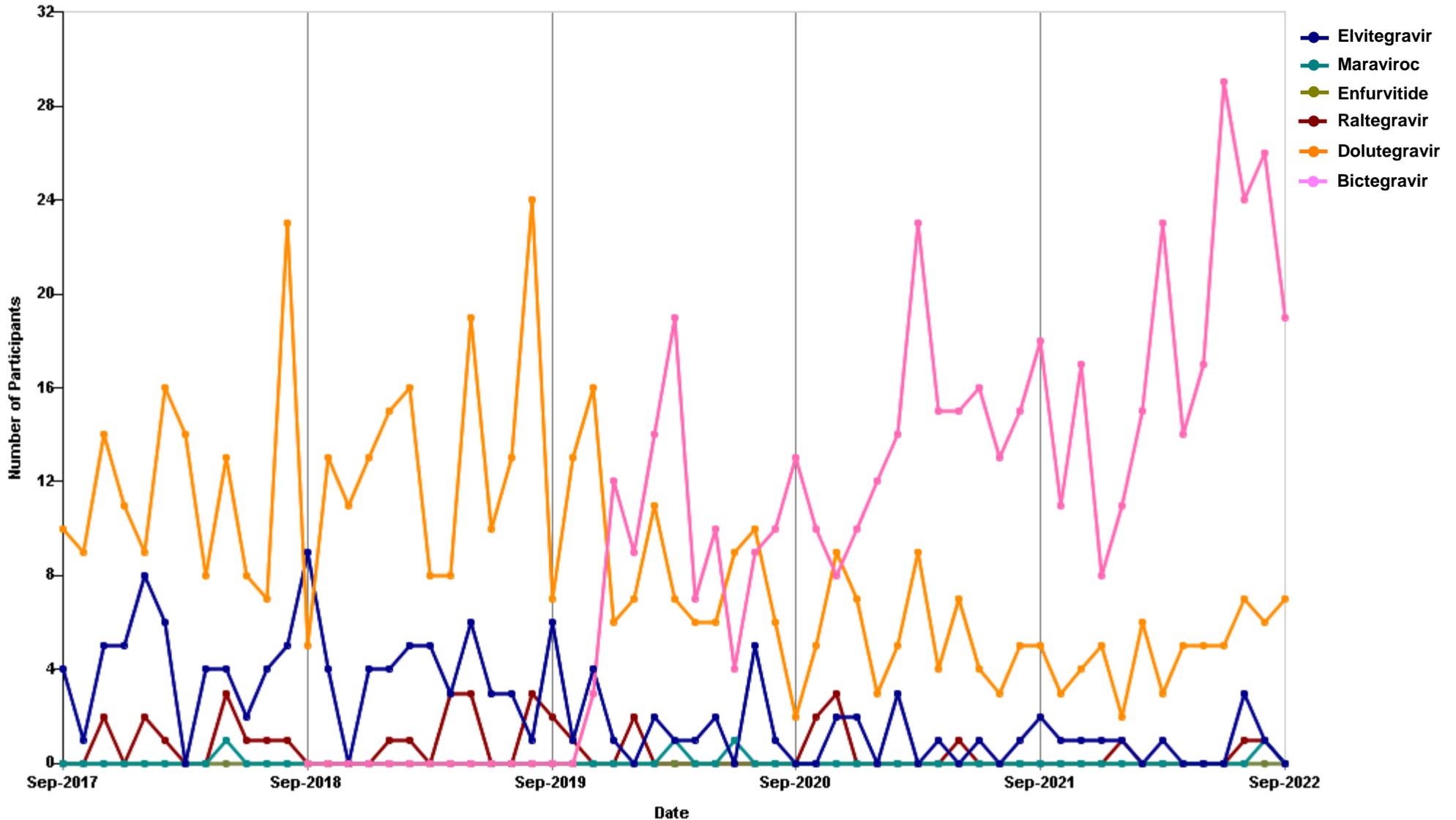
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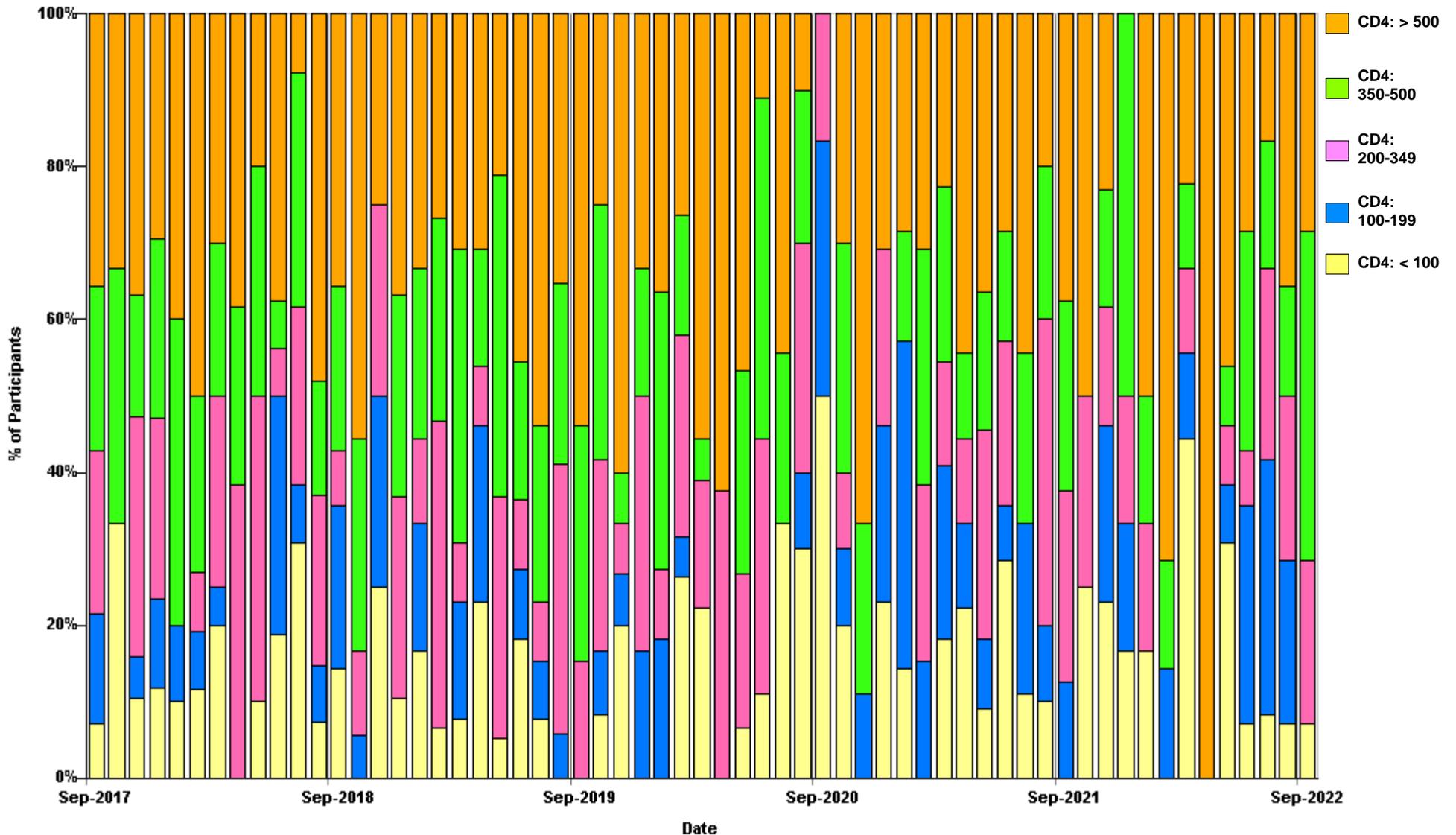
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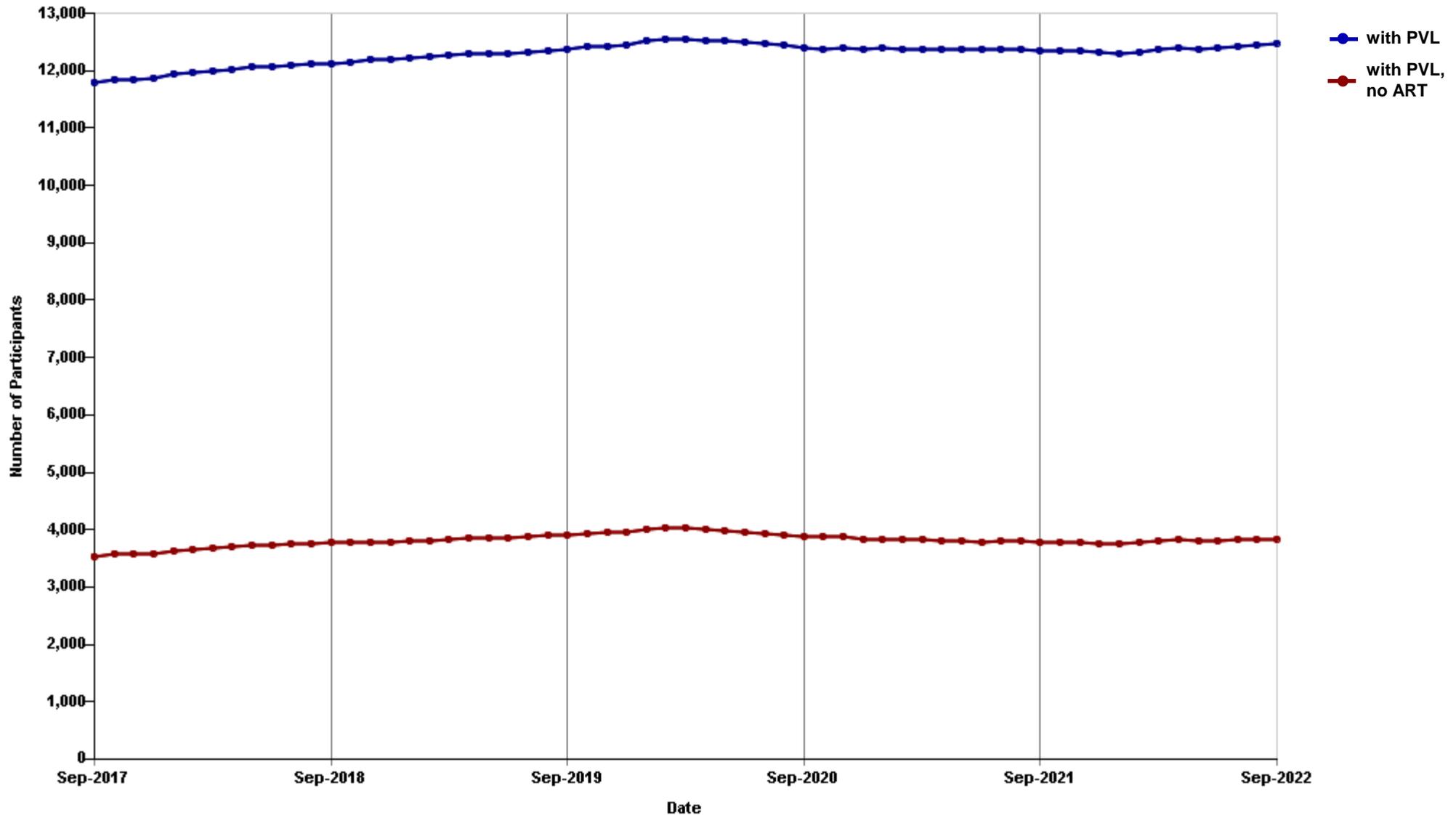


1.18 Baseline CD4 for Antiretroviral First Starts (September 2017 - September 2022)



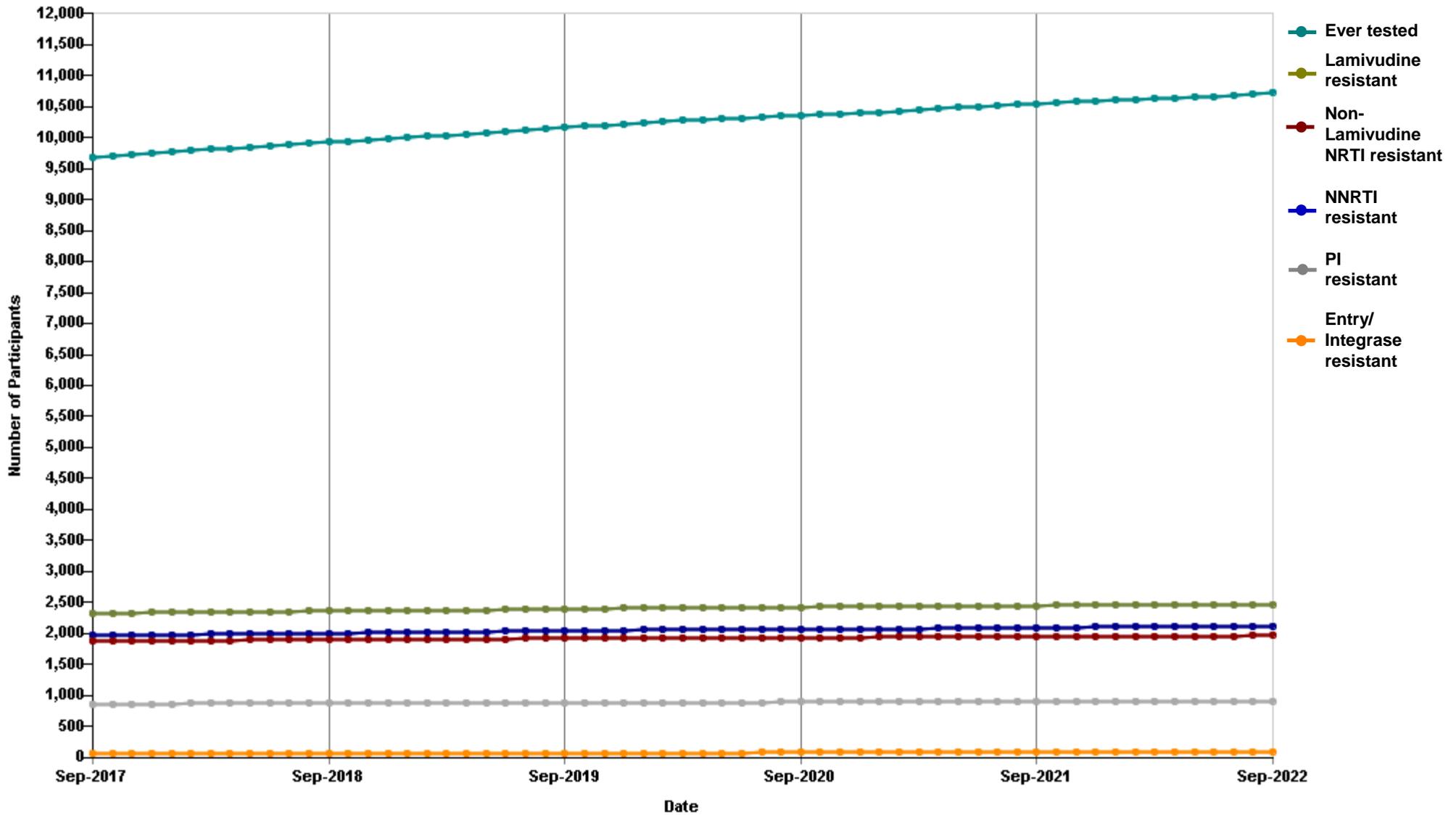


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (September 2017 - September 2022)



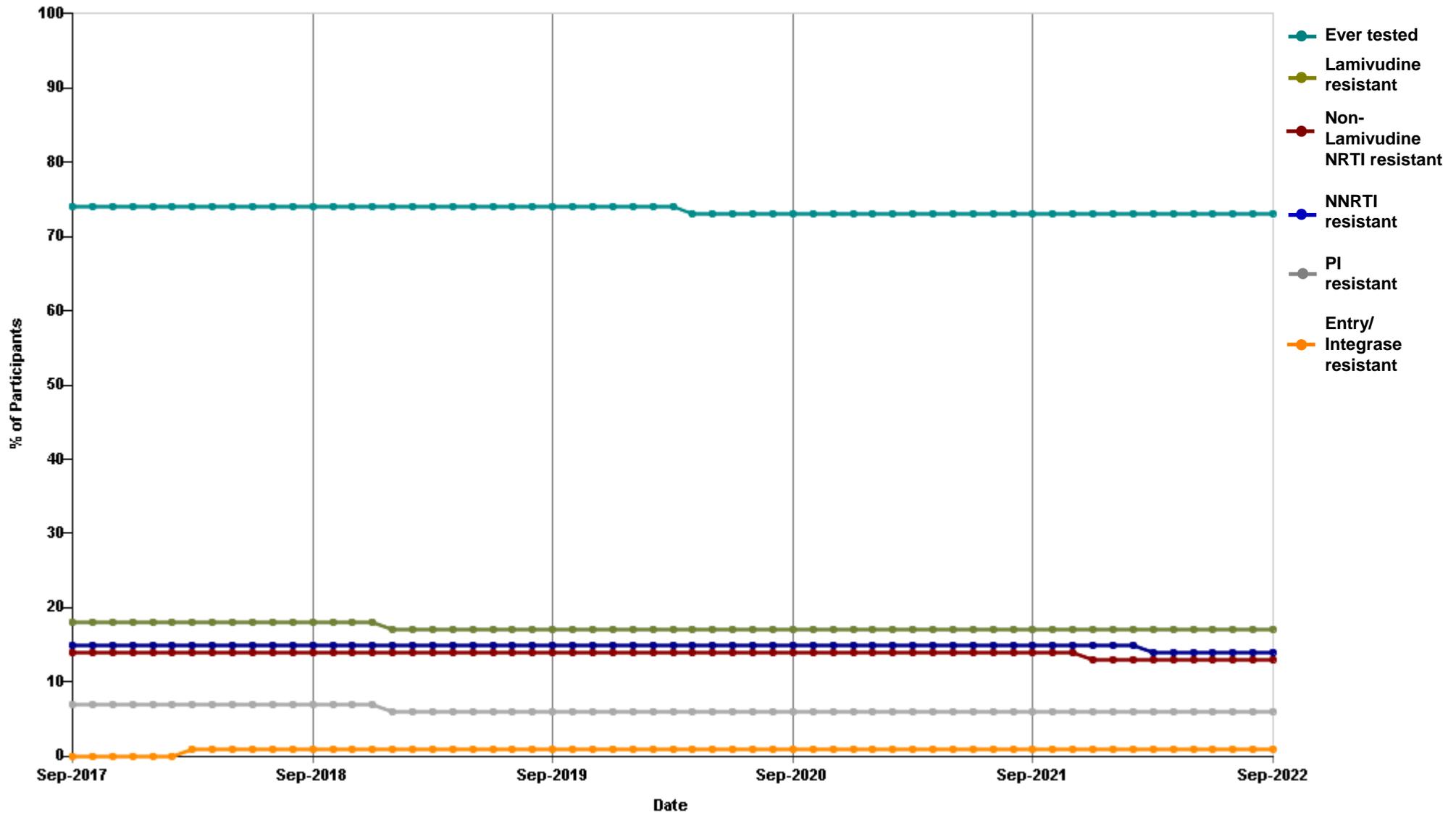


1.20 Cumulative Resistance Testing Results by Resistance Category (September 2017 - September 2022)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (September 2017 - September 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	31	4	0	4	1	790	4	<40	4
1988	31	5	0	5	3	340	5	<40	3
1989	29	50	1	51	24	530	50	<40	3
1990	28	52	1	53	32	555	52	<40	3
1991	28	37	2	39	18	540	36	<40	3
1992	28	55	5	60	22	630	56	<40	3
1993	27	119	14	133	77	560	124	<40	3
1994	25	70	13	83	43	460	74	<40	3
1995	26	124	18	142	79	490	130	<40	3
1996	24	300	47	347	189	580	319	<40	3
1997	22	258	31	289	166	630	265	<40	3
1998	21	184	41	225	140	550	205	<40	3
1999	21	148	38	186	114	595	166	<40	3
2000	21	115	30	145	86	600	132	<40	3
2001	20	112	23	135	78	510	126	<40	3
2002	19	121	25	146	94	570	137	<40	3
2003	19	134	25	159	99	630	146	<40	3
2004	18	146	34	180	118	595	165	<40	3
2005	17	175	38	213	128	630	183	<40	3
2006	16	163	41	204	123	630	183	<40	3
2007	15	220	44	264	160	670	235	<40	3
2008	14	272	60	332	213	640	296	<40	3
2009	13	288	64	352	211	630	310	<40	3
2010	12	250	63	313	206	676	289	<40	3
2011	11	307	69	376	237	710	334	<40	3
2012	10	261	60	321	199	720	287	<40	3
2013	9	246	65	311	194	700	277	<40	3
2014	8	269	46	315	184	745	291	<40	3
2015	7	264	41	305	196	690	280	<40	3
2016	6	248	49	297	186	670	257	<40	3
2017	5	210	33	243	159	680	218	<40	3
2018	4	184	51	235	152	760	216	<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	220	41	261	180	650	237	<40	3
2020	2	182	54	236	173	690	212	<40	3
2021	1	201	35	236	151	590	218	<40	3
2022	0	201	37	238	195	610	227	<40	3
Total:		6195	1239	7434					

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	1348	640
AUG-2021	7465	741	1981	<40	1354	630
SEP-2021	7432	750	1763	<40	1248	630
OCT-2021	7432	755	1855	<40	1292	630
NOV-2021	7446	750	2021	<40	1379	630
DEC-2021	7462	757	1543	<40	1043	630
JAN-2022	7465	756	1878	<40	1316	650
FEB-2022	7386	774	1803	<40	1258	620
MAR-2022	7458	766	1904	<40	1248	620
APR-2022	7420	778	1755	<40	1145	620
MAY-2022	7477	763	1998	<40	1300	620
JUN-2022	7482	759	1838	<40	1188	630
JUL-2022	7496	755	1761	<40	1132	643
AUG-2022	7497	758	1989	<40	1207	620
SEP-2022	7451	771	1788	<40	1050	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	780	271	73	<40	66	540
JUN-2021	778	261	65	57	49	540
JUL-2021	779	273	52	102	37	530
AUG-2021	785	262	53	<40	44	625
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	45	580
FEB-2022	858	233	73	<40	56	635
MAR-2022	802	285	94	<40	73	480
APR-2022	838	279	70	<40	53	550
MAY-2022	779	339	60	<40	43	490
JUN-2022	782	324	61	<40	43	400
JUL-2022	785	308	60	<50	32	460
AUG-2022	805	291	59	78	44	550
SEP-2022	860	230	70	<40	50	415

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	780	14	14	177	143	28	14325
JUN-2021	7435	778	7	15	186	174	17	14351
JUL-2021	7438	779	9	12	170	166	3	14371
AUG-2021	7436	785	16	12	174	167	-2	14393
SEP-2021	7399	829	14	9	173	199	-37	14423
OCT-2021	7392	832	17	6	186	174	-7	14446
NOV-2021	7417	816	11	15	199	175	25	14472
DEC-2021	7430	796	22	6	204	174	13	14490
JAN-2022	7432	788	19	7	161	144	2	14505
FEB-2022	7373	858	8	9	151	211	-59	14530
MAR-2022	7434	802	16	9	232	160	61	14559
APR-2022	7398	838	11	1	156	179	-36	14579
MAY-2022	7451	779	13	13	205	146	53	14603
JUN-2022	7459	782	11	15	178	170	8	14640
JUL-2022	7472	785	10	13	188	175	13	14679
AUG-2022	7474	805	15	17	169	169	2	14717
SEP-2022	7434	860	13	15	146	187	-40	14747

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	6357	450	46	7420	7.64%	85.67%	6.06%	0.62%	100.00%
MAY-2022	597	6381	452	47	7477	7.98%	85.34%	6.05%	0.63%	100.00%
JUN-2022	614	6376	450	42	7482	8.21%	85.22%	6.01%	0.56%	100.00%
JUL-2022	634	6372	445	45	7496	8.46%	85.01%	5.94%	0.60%	100.00%
AUG-2022	643	6369	442	43	7497	8.58%	84.95%	5.90%	0.57%	100.00%
SEP-2022	663	6304	439	45	7451	8.90%	84.61%	5.89%	0.60%	100.00%

Definitions:

Number of Drugs is calculated as number of individual drugs in ARV Therapy (excluding low dose ritonavir used for boosting a protease inhibitor)





Monthly Report

2.6 Number of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT

	lamivudine		abacavir		zidovudine		tenofovir <TAF>		tenofovir <TDF>		emtricitabine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-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%	3019 41%	3 15%	2366 33%	0 0%	19 0%	14 70%	3052 42%	2 10%	1313 18%	16 80%	4250 58%
MAY-2022	4 17%	3026 41%	3 13%	2354 32%	0 0%	18 0%	17 74%	3145 43%	2 9%	1282 17%	19 83%	4309 59%
JUN-2022	5 14%	3015 41%	0 0%	2309 31%	0 0%	19 0%	29 81%	3199 44%	4 11%	1237 17%	31 86%	4320 59%
JUL-2022	4 10%	3007 41%	3 8%	2285 31%	0 0%	19 0%	27 69%	3230 44%	9 23%	1218 17%	35 90%	4344 59%
AUG-2022	5 14%	2992 41%	4 11%	2262 31%	0 0%	18 0%	29 78%	3274 45%	3 8%	1179 16%	32 86%	4357 59%
SEP-2022	6 20%	2957 40%	3 10%	2198 30%	1 3%	18 0%	19 63%	3287 45%	6 20%	1177 16%	24 80%	4357 60%

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%	1080 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%
JUL-2022	0 0%	1 0%	0 0%	405 27%	1 100%	1039 70%	0 0%	50 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
AUG-2022	0 0%	1 0%	0 0%	386 26%	1 100%	1029 70%	0 0%	45 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
SEP-2022	0 0%	0 0%	0 0%	368 26%	2 100%	1011 71%	0 0%	44 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%	301 28%	0 0%	130 12%	0 0%	297 28%	0 0%	223 21%
MAY-2022	0 0%	136 13%	0 0%	287 27%	0 0%	128 12%	0 0%	290 27%	1 100%	220 21%
JUN-2022	1 33%	149 14%	1 33%	284 27%	0 0%	122 12%	0 0%	285 27%	1 33%	211 20%
JUL-2022	0 0%	155 15%	1 33%	280 27%	0 0%	117 11%	0 0%	280 27%	2 67%	207 20%
AUG-2022	0 0%	157 15%	1 33%	275 27%	0 0%	119 12%	0 0%	274 27%	2 67%	204 20%
SEP-2022	0 0%	167 16%	3 75%	272 27%	0 0%	110 11%	1 25%	274 27%	0 0%	200 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%	2436 43%	0 0%	312 5%	0 0%	20 0%	0 0%	366 6%
MAY-2022	17 77%	2666 46%	5 23%	2455 43%	0 0%	309 5%	0 0%	22 0%	0 0%	360 6%
JUN-2022	29 85%	2710 47%	5 15%	2454 42%	0 0%	300 5%	0 0%	22 0%	0 0%	352 6%
JUL-2022	24 69%	2746 47%	7 20%	2452 42%	3 9%	297 5%	0 0%	22 0%	1 3%	342 6%
AUG-2022	26 76%	2793 48%	6 18%	2453 42%	1 3%	294 5%	1 3%	22 0%	1 3%	340 6%
SEP-2022	19 73%	2823 48%	7 27%	2437 42%	0 0%	281 5%	0 0%	21 0%	0 0%	323 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	725	9.77	4473	60.28	565	7.61	669	9.02	80	1.08
MAY-2022	898	12.01	709	9.48	4527	60.55	595	7.96	668	8.93	80	1.07
JUN-2022	873	11.67	705	9.42	4558	60.92	612	8.18	658	8.79	76	1.02
JUL-2022	857	11.43	698	9.31	4579	61.09	632	8.43	654	8.72	76	1.01
AUG-2022	829	11.06	691	9.22	4613	61.53	641	8.55	649	8.66	74	0.99
SEP-2022	801	10.75	693	9.30	4580	61.47	662	8.88	641	8.60	74	0.99

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	15	1	4	1	4	4	400
JUL-2022	13	1	4	3	2	2	225
AUG-2022	17	1	3	3	2	5	330
SEP-2022	15	1	0	3	6	4	405

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	12384	3833
FEB-2021	12377	3828
MAR-2021	12377	3819
APR-2021	12366	3806
MAY-2021	12361	3794
JUN-2021	12362	3788
JUL-2021	12383	3807
AUG-2021	12379	3815
SEP-2021	12348	3783
OCT-2021	12335	3775
NOV-2021	12339	3767
DEC-2021	12319	3761
JAN-2022	12306	3761
FEB-2022	12330	3776
MAR-2022	12359	3792
APR-2022	12389	3817
MAY-2022	12380	3806
JUN-2022	12394	3808
JUL-2022	12420	3817
AUG-2022	12441	3829
SEP-2022	12461	3838

Definitions:

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

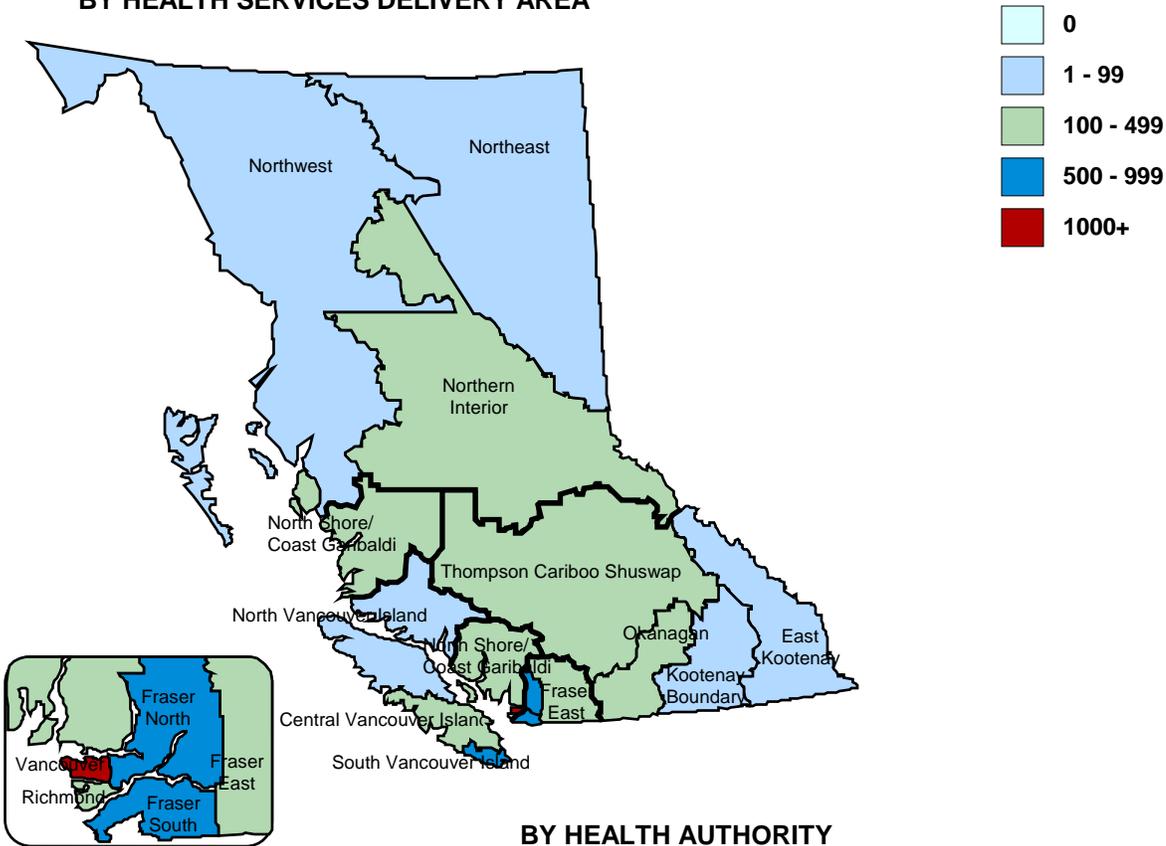
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



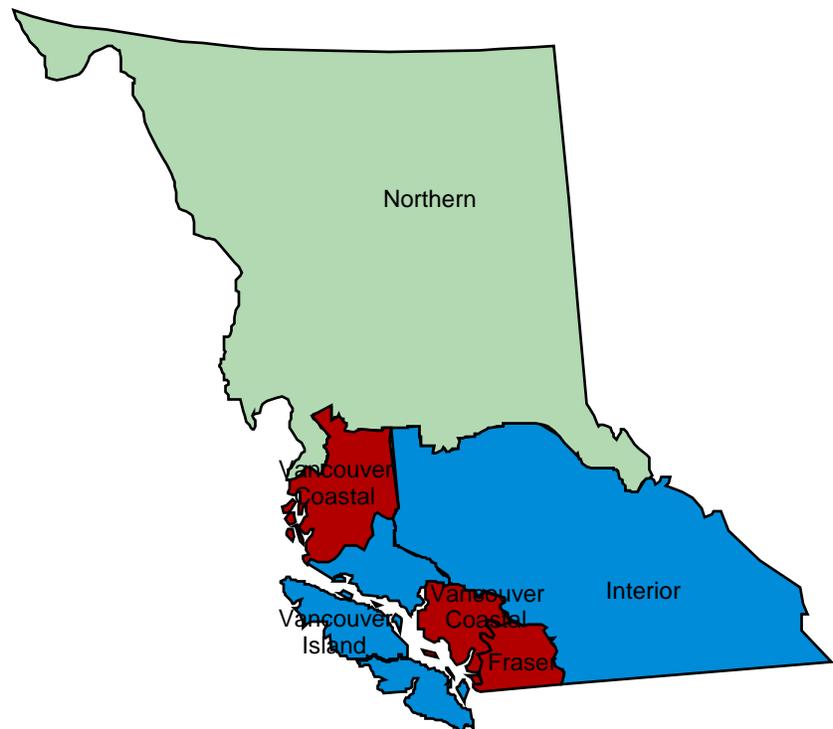


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7451
Sep-2022

BY HEALTH SERVICES DELIVERY AREA



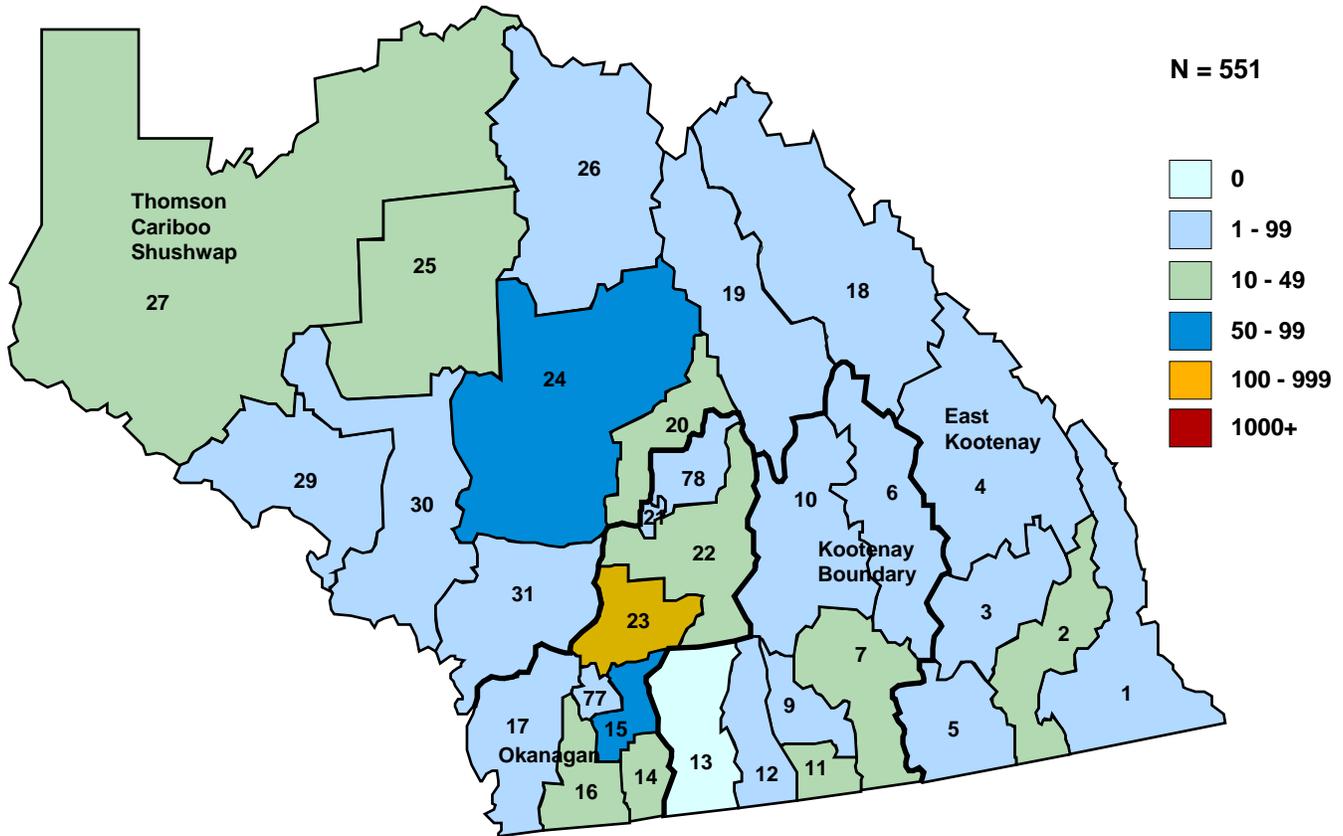
BY HEALTH AUTHORITY



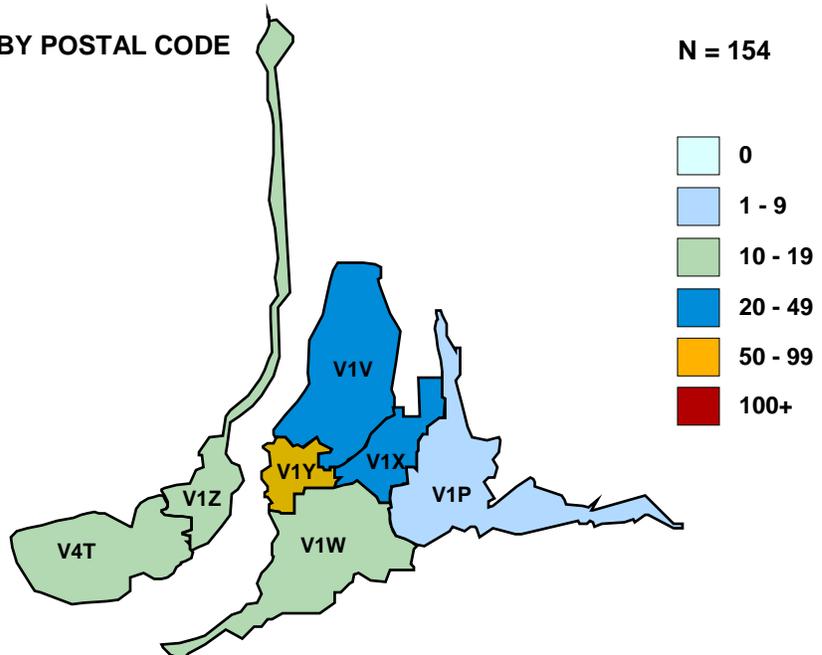


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2022

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



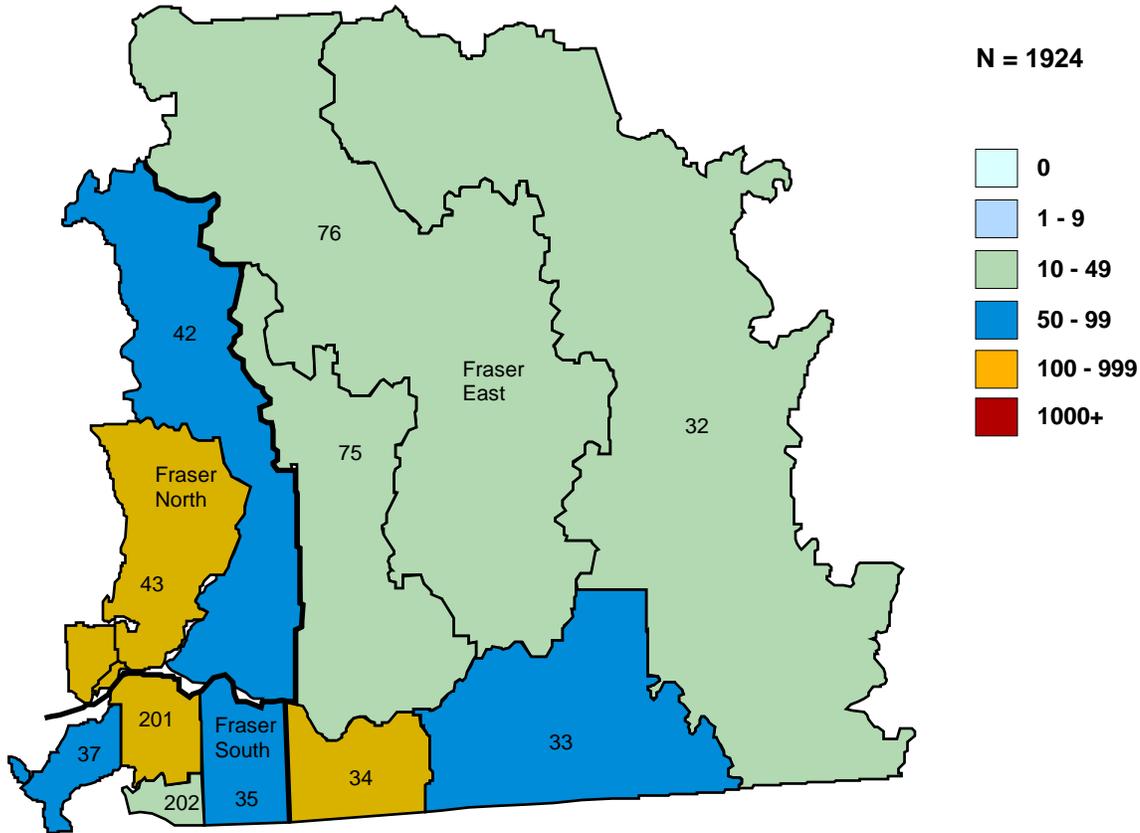
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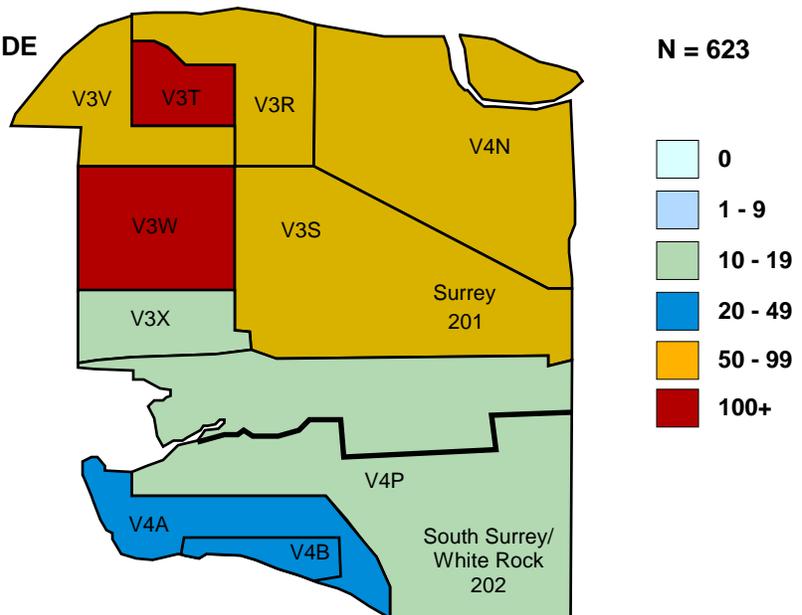


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2022

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



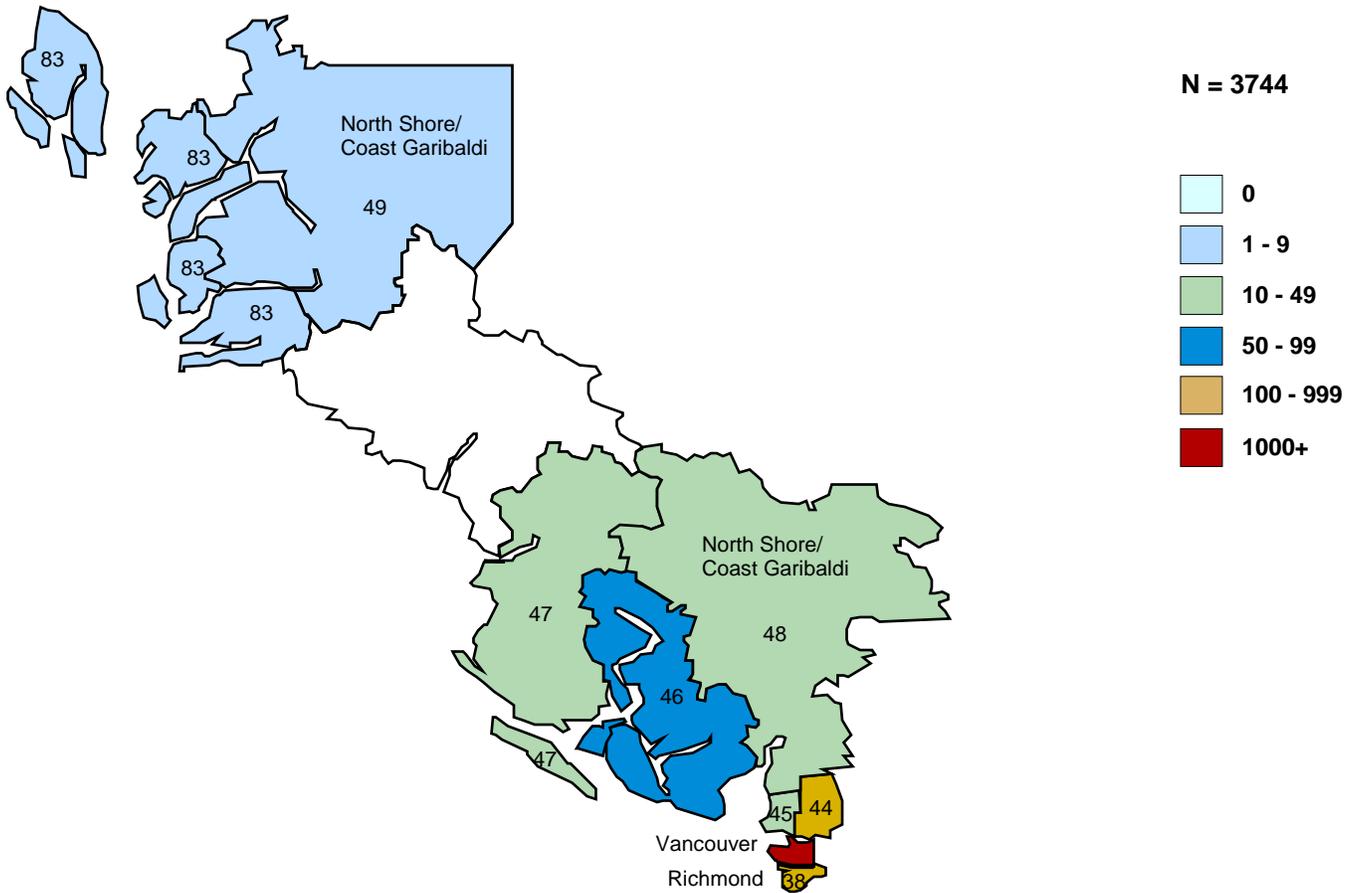
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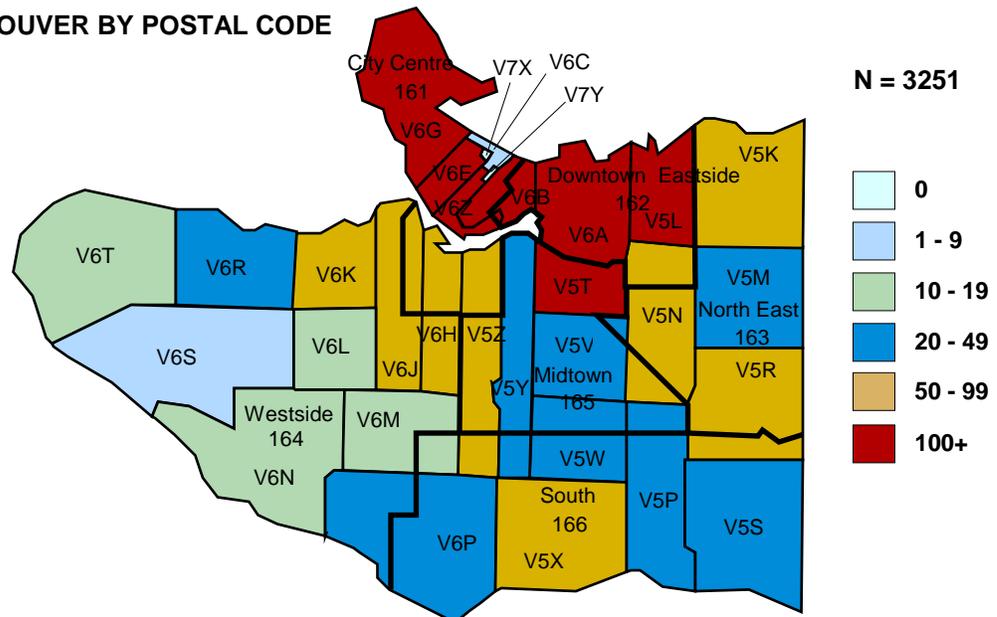


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2022

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



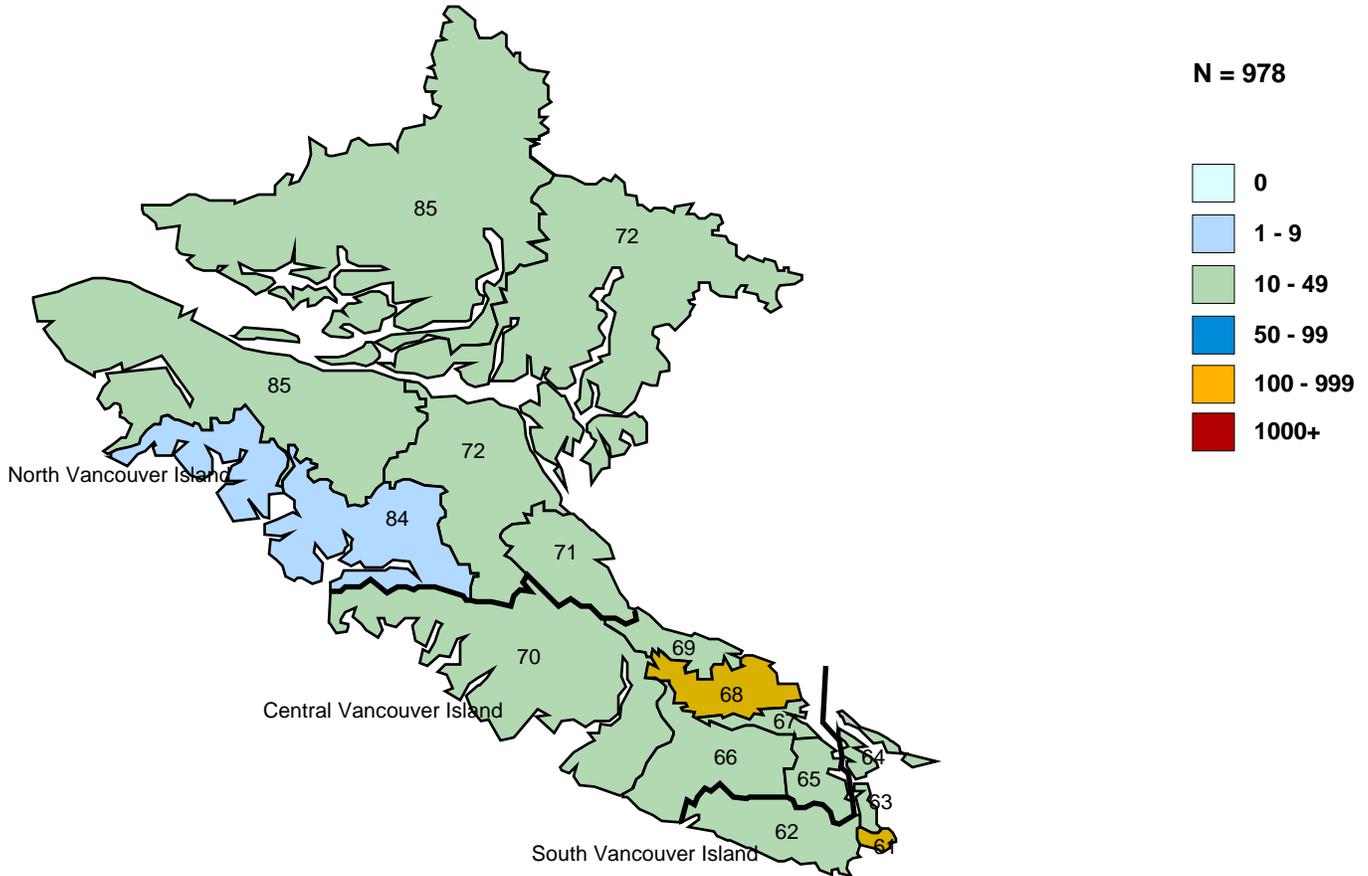
VANCOUVER BY POSTAL CODE



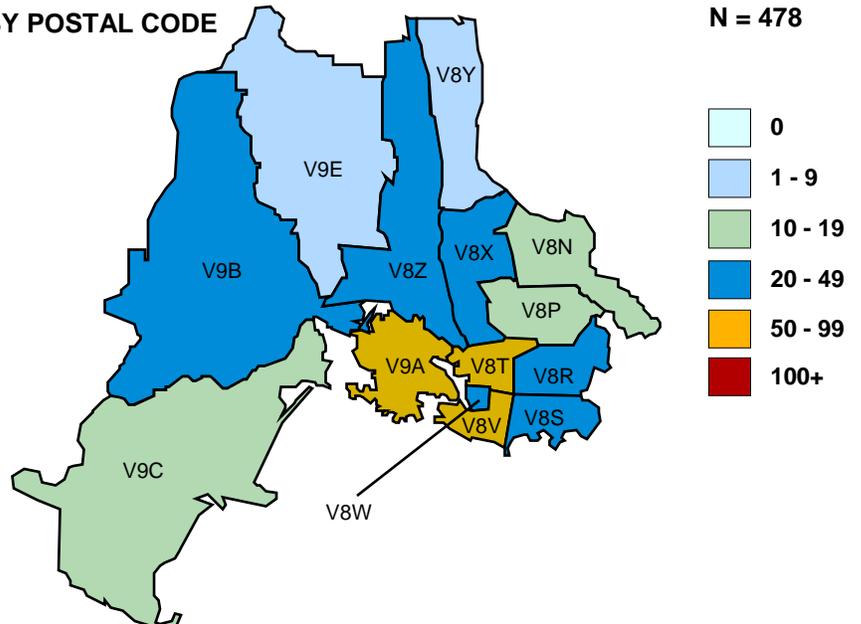


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2022

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



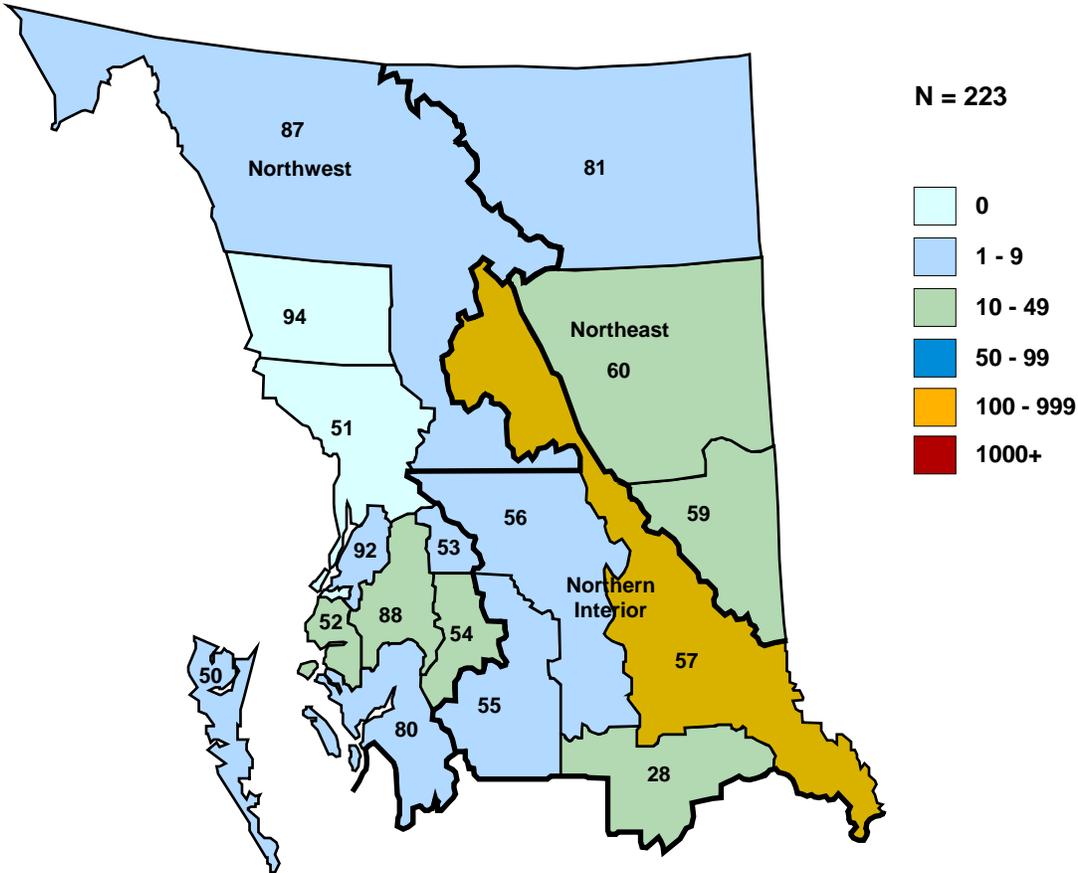
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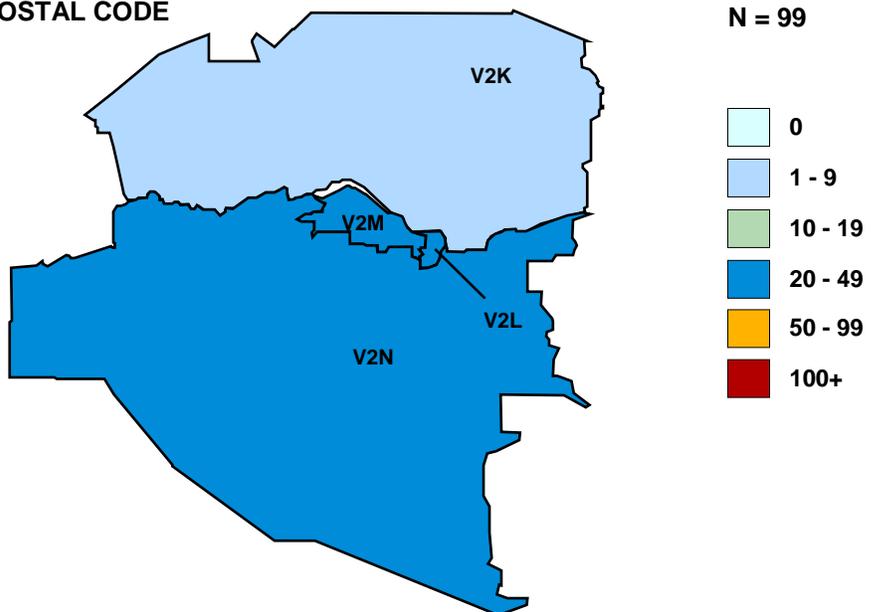


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Sep-2022

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	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	43	59	26
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	78	105	60	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	426	575	315	
THOMPSON/CARIBOO/ SHUSWAP	20-34	22	22	13
	35-49	59	63	38
	50+	131	206	99
	Total HSDA:	212	291	150
Total HA:		759	1030	551

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		759	1030	551

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	157	214	112
Male	602	816	439

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	551	57	640	<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	22	12
	5 years or more	11	6
	<5 years	10	8
	Total HSDA:	43	26
KOOTENAY BOUNDARY	10 years or more	47	32
	5 years or more	16	13
	<5 years	15	15
	Total HSDA:	78	60
OKANAGAN	10 years or more	275	197
	5 years or more	82	60
	<5 years	69	58
	Total HSDA:	426	315
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	136	102
	5 years or more	46	28
	<5 years	30	20
	Total HSDA:	212	150
Total HA:		759	551

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	480	343
5 years or more	155	107
<5 years	124	101
Total HA:	759	551

* 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	11	20
KOOTENAY BOUNDARY	77	136	24	48
OKANAGAN	234	1044	51	339
THOMPSON/CARIBOO/SHUSWAP	149	553	34	135
Total:	511	1803	120	542

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	*
KOOTENAY BOUNDARY	*
OKANAGAN	*
THOMPSON/CARIBOO/SHUSWAP	*
Total:	111

* 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	34	36	25
	35-49	98	102	61
	50+	254	353	189
	Total HSDA:	392	497	281
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	1127	1521	835
FRASER SOUTH	0-19	7	7	6
	20-34	101	103	76
	35-49	291	320	228
	50+	618	932	498
	Total HSDA:	1017	1362	808
Total HA:		2536	3380	1924

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	15	15	14
	20-34	253	257	178
	35-49	751	809	560
	50+	1517	2299	1172
Total HA:		2536	3380	1924

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	614	784	445
Male	1922	2596	1479

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1924	53	645	<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	256	189
	5 years or more	70	43
	<5 years	66	49
	Total HSDA:	392	281
FRASER NORTH	10 years or more	703	500
	5 years or more	243	185
	<5 years	181	150
	Total HSDA:	1127	835
FRASER SOUTH	10 years or more	631	490
	5 years or more	223	174
	<5 years	163	144
	Total HSDA:	1017	808
Total HA:		2536	1924

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1590	1179
	5 years or more	536	402
	<5 years	410	343
Total HA:		2536	1924

* 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	144	525	28	57
FRASER NORTH	259	1601	43	222
FRASER SOUTH	225	1754	48	474
Total:	628	3880	119	753

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	190
FRASER NORTH	697
FRASER SOUTH	461
Total:	1348

* 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:		356	522
RICHMOND	20-34	30	31	16
	35-49	47	48	37
	50+	113	168	96
	Total HSDA:	190	247	149
VANCOUVER	0-19	12	12	11
	20-34	442	457	305
	35-49	1256	1397	882
	50+	2969	5244	2120
	Total HSDA:	4679	7110	3318
Total HA:		5225	7879	3744

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	13	13	12
	20-34	502	518	340
	35-49	1381	1531	974
	50+	3329	5817	2418
Total HA:		5225	7879	3744

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	603	960	438
Male	4620	6917	3306
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3744	55	660	<40

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

Definitions:

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

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





**4.8 Distribution of Participants in BC-CfE Registries by Treatment Duration
VANCOUVER COASTAL Health Authority**

HSDA	Treatment Duration	Alive	Currently treated with ARVs
NORTH SHORE/ COAST GARIBALDI	10 years or more	240	186
	5 years or more	60	50
	<5 years	56	41
	Total HSDA:	356	277
RICHMOND	10 years or more	118	90
	5 years or more	34	26
	<5 years	38	33
	Total HSDA:	190	149
VANCOUVER	10 years or more	3204	2201
	5 years or more	850	618
	<5 years	625	499
	Total HSDA:	4679	3318
Total HA:		5225	3744

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3562	2477
	5 years or more	944	694
	<5 years	719	573
Total HA:		5225	3744

* 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	187	417	48	69
RICHMOND	46	306	9	89
VANCOUVER	671	11419	211	5375
Total:	904	12142	268	5533

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	80

* 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:		353	513
NORTH VANCOUVER ISLAND	0-19	*	*	0
	20-34	*	*	8
	35-49	*	*	18
	50+	*	*	73
	Total HSDA:		123	173
SOUTH VANCOUVER ISLAND	20-34	76	82	56
	35-49	186	212	139
	50+	529	844	404
	Total HSDA:	791	1138	599
Total HA:		1267	1824	978

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		1267	1824	978

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	218	317	165
Male	1049	1507	813

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	978	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	169
	5 years or more	84	65
	<5 years	58	46
	Total HSDA:	353	280
NORTH VANCOUVER ISLAND	10 years or more	83	70
	5 years or more	30	20
	<5 years	10	9
	Total HSDA:	123	99
SOUTH VANCOUVER ISLAND	10 years or more	477	335
	5 years or more	166	135
	<5 years	148	129
	Total HSDA:	791	599
Total HA:		1267	978

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	771	574
	5 years or more	280	220
	<5 years	216	184
Total HA:		1267	978

* 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	917	72	188
NORTH VANCOUVER ISLAND	156	278	37	68
SOUTH VANCOUVER ISLAND	218	1912	36	576
Total:	576	3107	145	832

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	103
NORTH VANCOUVER ISLAND	40
SOUTH VANCOUVER ISLAND	128
Total:	271

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

Definitions:

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

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





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
NORTH EAST	20-34	8	8	5
	35-49	16	19	11
	50+	25	33	12
	Total HSDA:	49	60	28
NORTH WEST	20-34	*	6	0
	35-49	*	38	16
	50+	*	75	37
	Total HSDA:	72	119	53
NORTHERN INTERIOR	0-19	6	6	*
	20-34	20	21	*
	35-49	58	74	*
	50+	113	192	*
	Total HSDA:	197	293	142
Total HA:		318	472	223

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	32	35	*
	35-49	98	131	*
	50+	182	300	*
Total HA:		318	472	223

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	114	173	76
Male	204	299	147

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	223	53	570	<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	*
	5 years or more	6	*
	<5 years	13	*
	Total HSDA:	49	28
NORTH WEST	10 years or more	51	36
	5 years or more	11	9
	<5 years	10	8
	Total HSDA:	72	53
NORTHERN INTERIOR	10 years or more	100	78
	5 years or more	58	38
	<5 years	39	26
	Total HSDA:	197	142
Total HA:		318	223

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	181	128
	5 years or more	75	51
	<5 years	62	44
Total HA:		318	223

* 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	64	5	7
NORTH WEST	84	169	15	34
NORTHERN INTERIOR	121	496	22	190
Total:	245	729	42	231

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	5
NORTH WEST	18
NORTHERN INTERIOR	14
Total:	37

* 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	31	50	*
	THOMPSON/CARIBOO/SHUSWAP	27	51	*
	Total HA:	69	121	48
FRASER	FRASER EAST	36	49	26
	FRASER NORTH	51	91	40
	FRASER SOUTH	85	120	61
	Total HA:	172	260	127
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	28	54	*
	RICHMOND	6	11	*
	VANCOUVER	465	903	*
	Total HA:	499	968	389
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	45	79	37
	NORTH VANCOUVER ISLAND	14	27	12
	SOUTH VANCOUVER ISLAND	47	94	37
	Total HA:	106	200	86
NORTHERN	NORTH EAST	9	13	*
	NORTH WEST	31	66	*
	NORTHERN INTERIOR	69	115	*
	Total HA:	109	194	82
Total:		955	1743	732

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	607	1120	464
Female	348	623	268

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	732	53	520	<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.





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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.

