



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS

B.C. HIV/AIDS Drug Treatment Program

Monthly Report

November 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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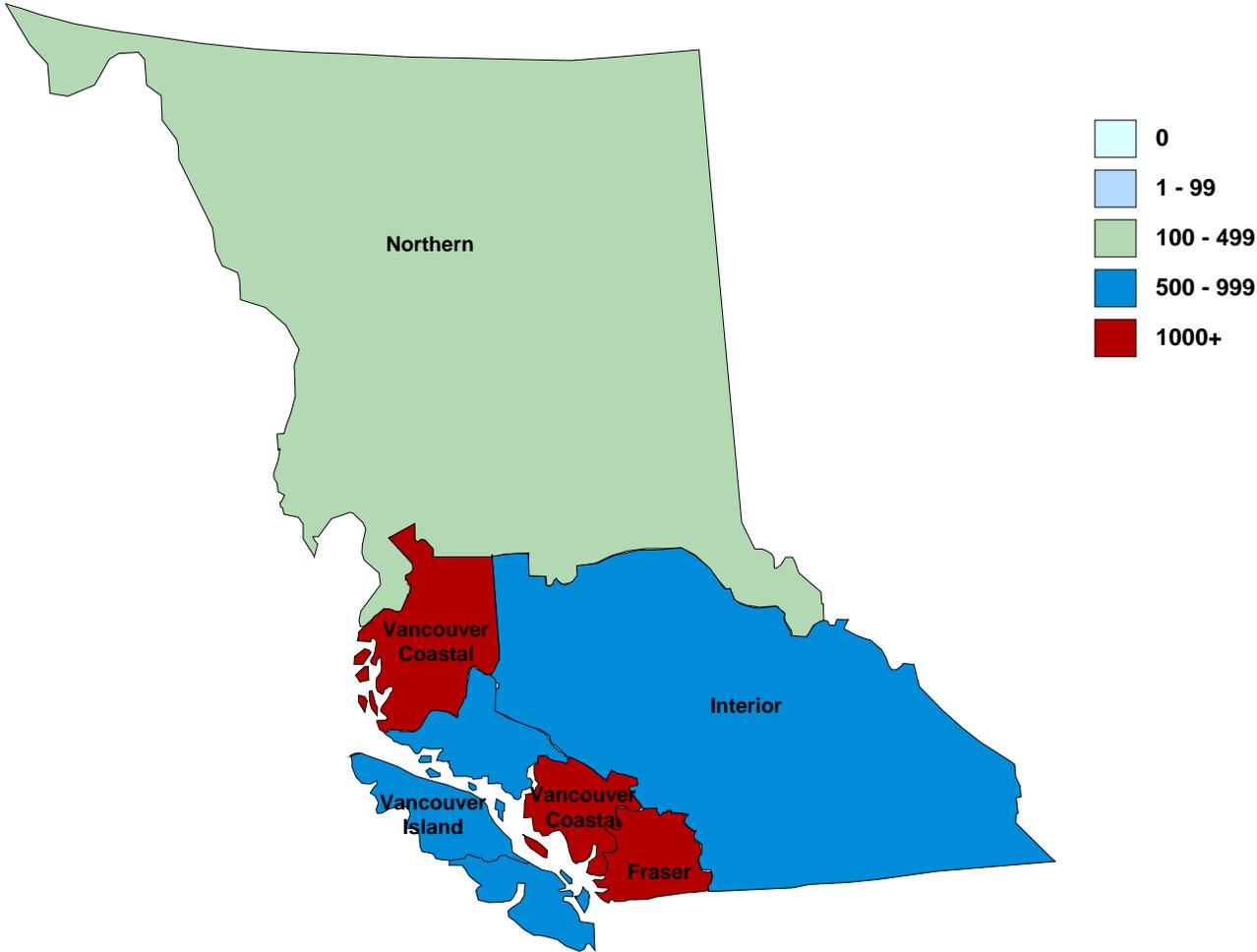




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

November 2022

N = 7530



Health Authority	Male	Female	All
FRASER	1500	462	1962
INTERIOR	455	115	570
NORTHERN	147	76	223
VANCOUVER COASTAL	3319	444	3763
VANCOUVER ISLAND	816	161	977
	6237	1258	7495
		Unknown/not stated:	35
		Total:	7530

Definitions:

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

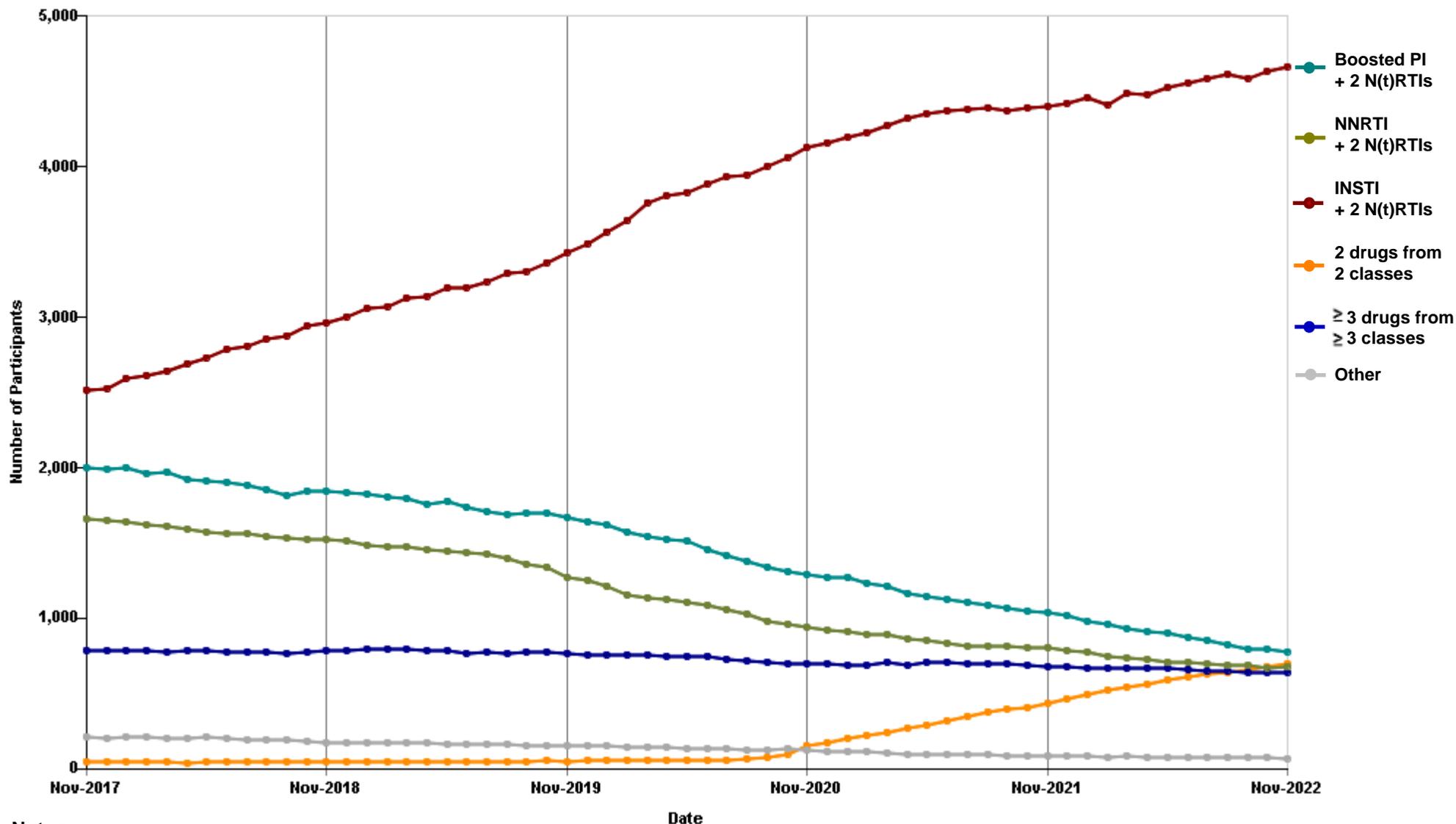
Unknown/not stated defined as being on treatment in the current month, and city of residence unknown

Male & Female refer to Sex at birth





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



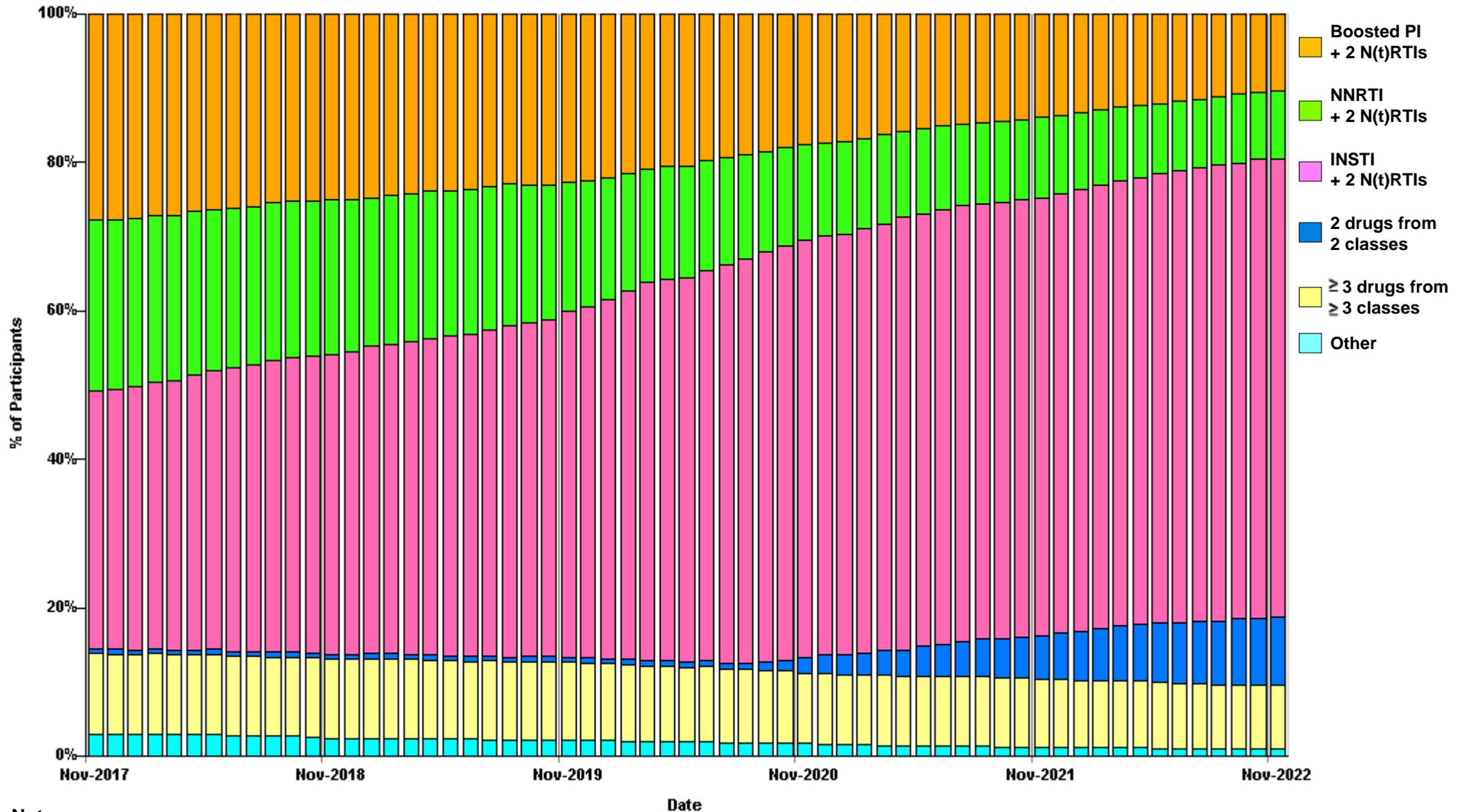
Notes:

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 (November 2017 - November 2022)



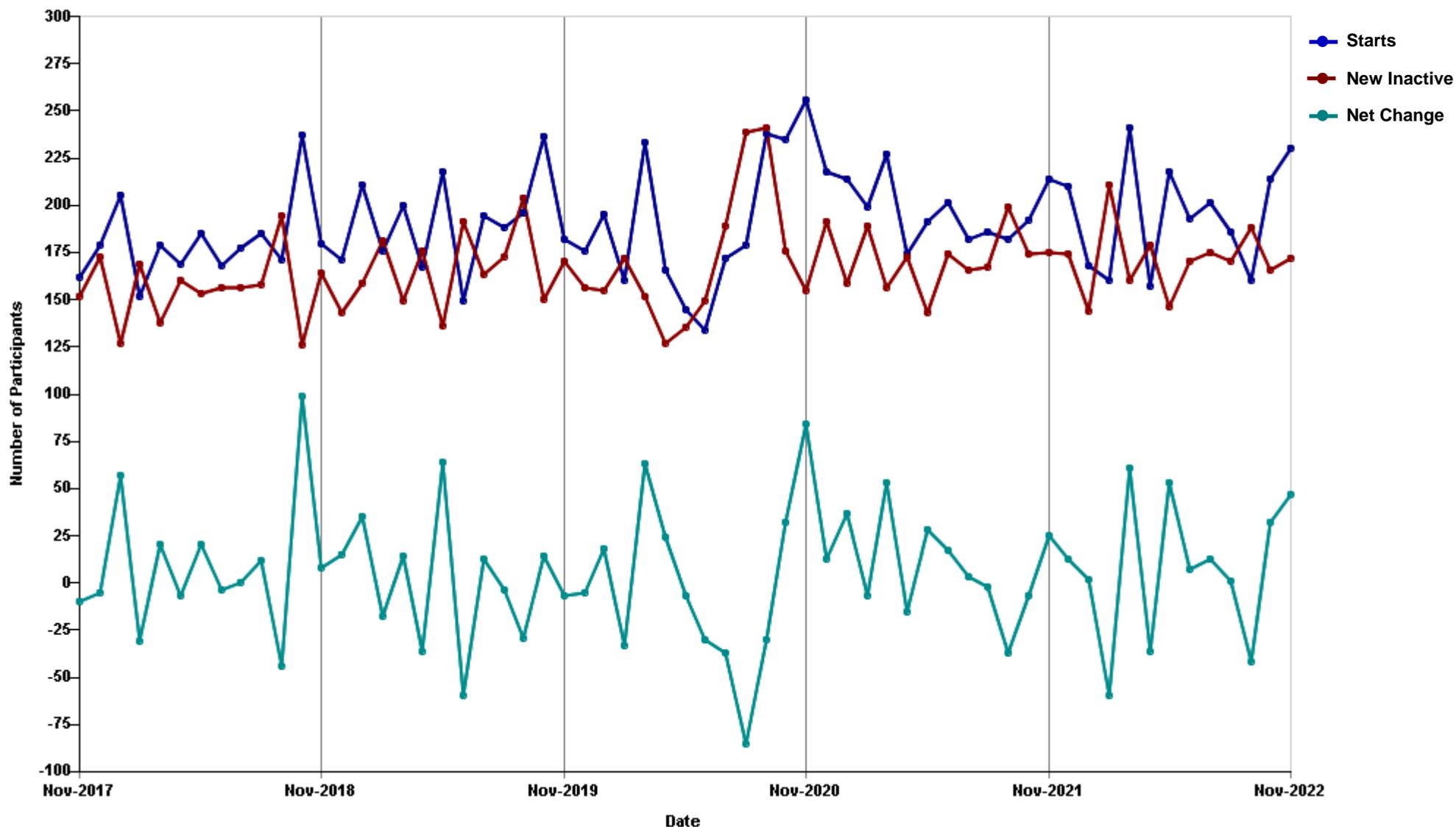
Notes:

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



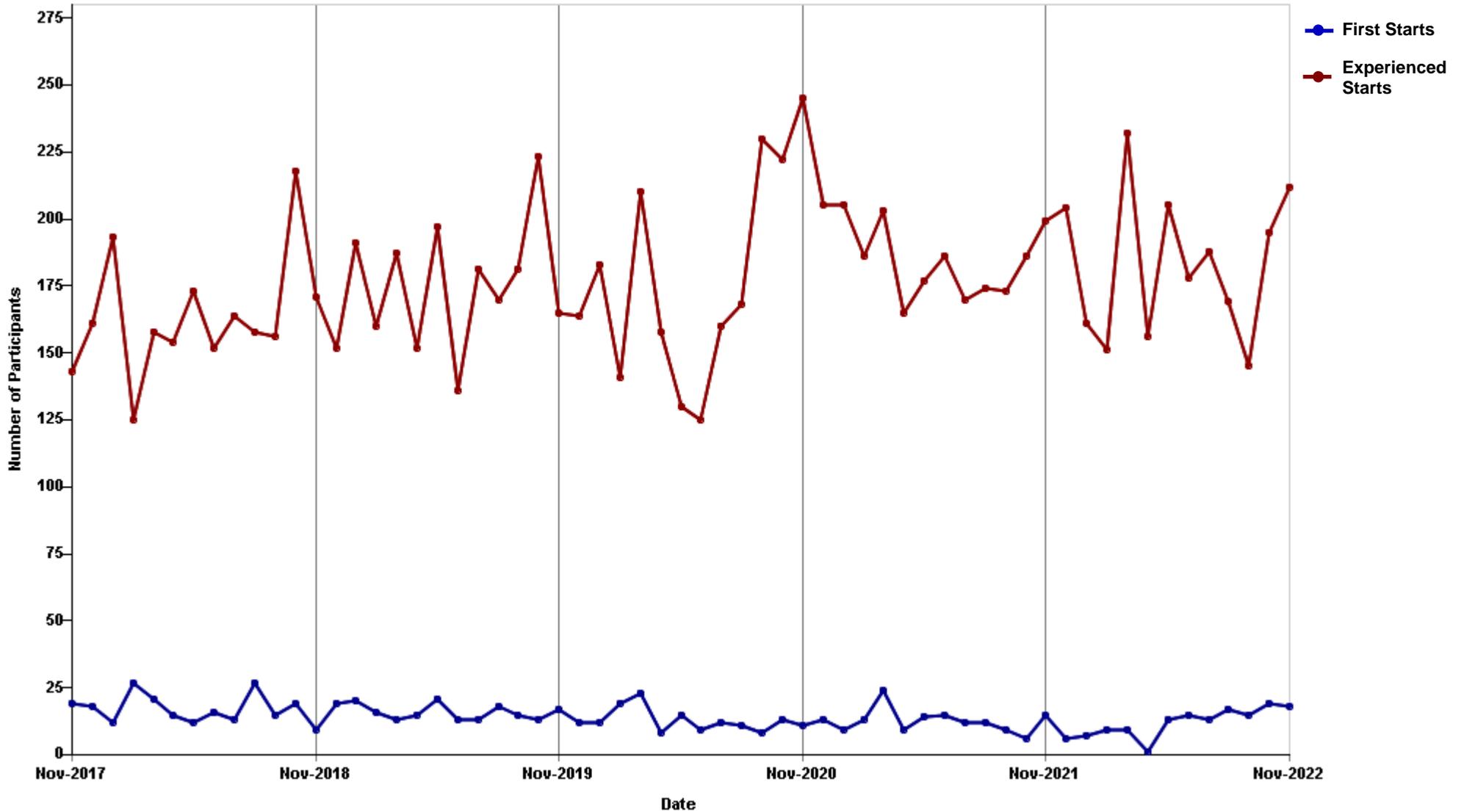


1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (November 2017 - November 2022)



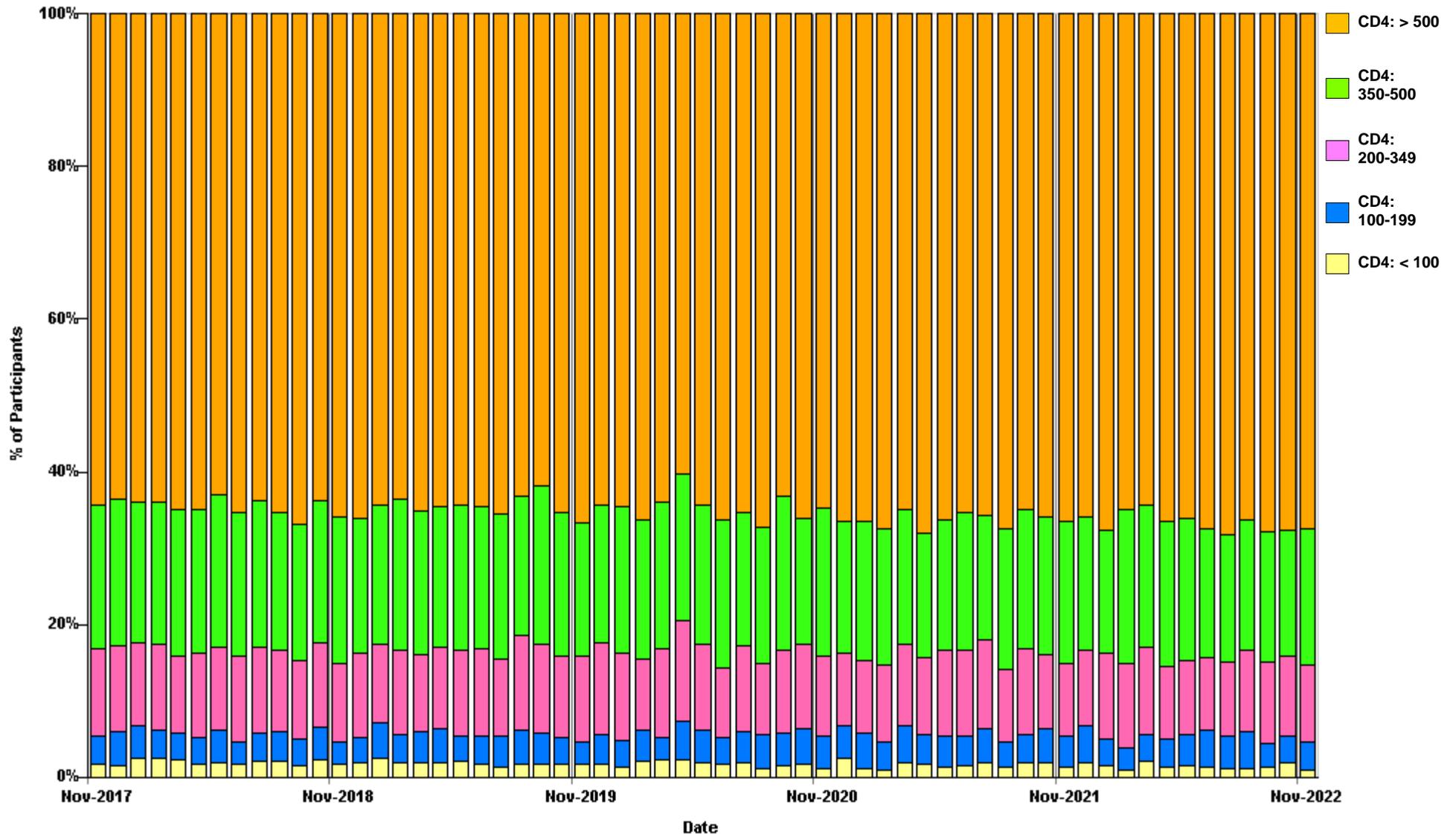


1.5 BC-CfE Enrolment: New Antiretroviral Participants
(November 2017 - November 2022)



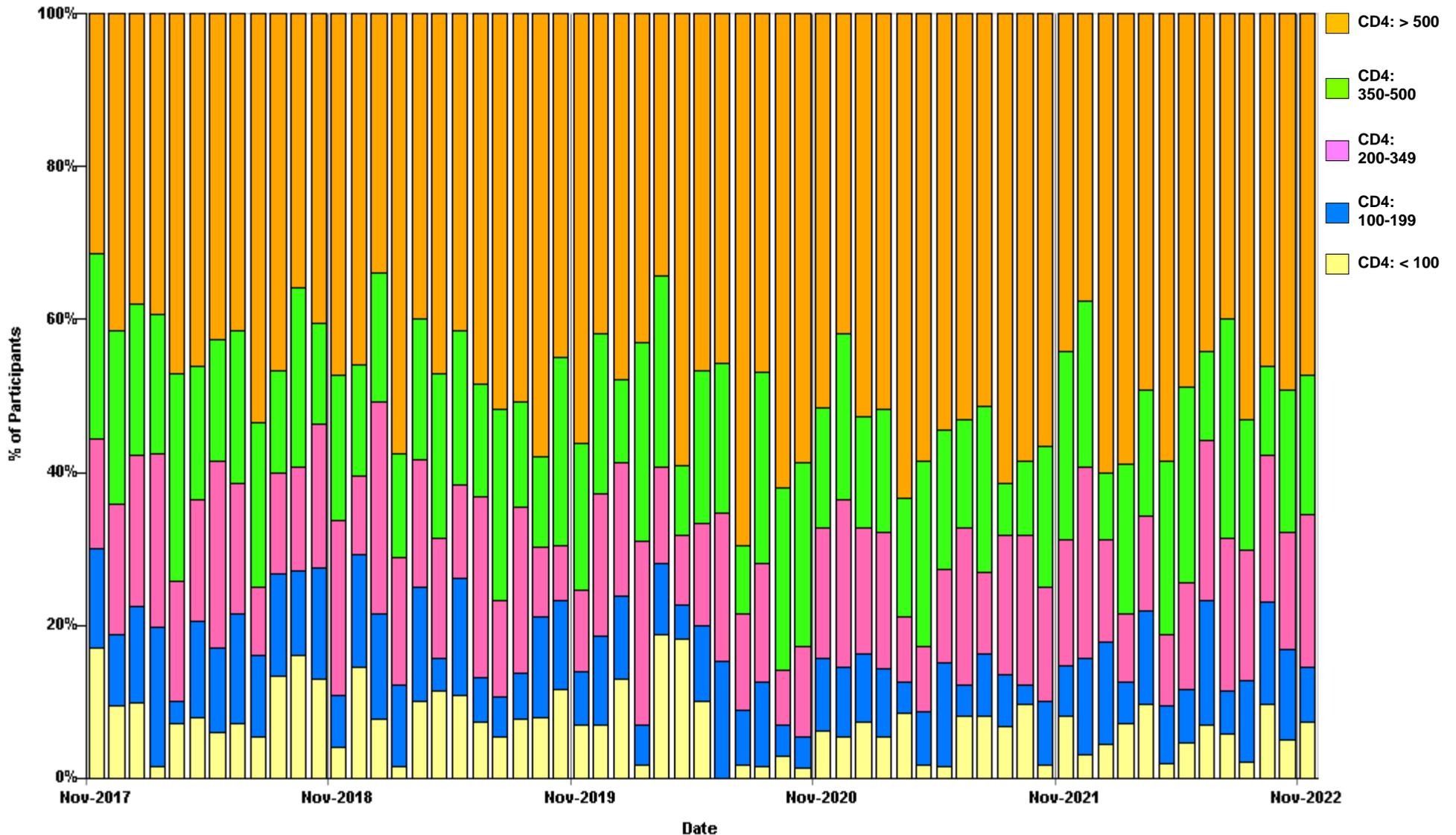


1.6 Percent Distribution of Active Participants by CD4 Count (November 2017 - November 2022)



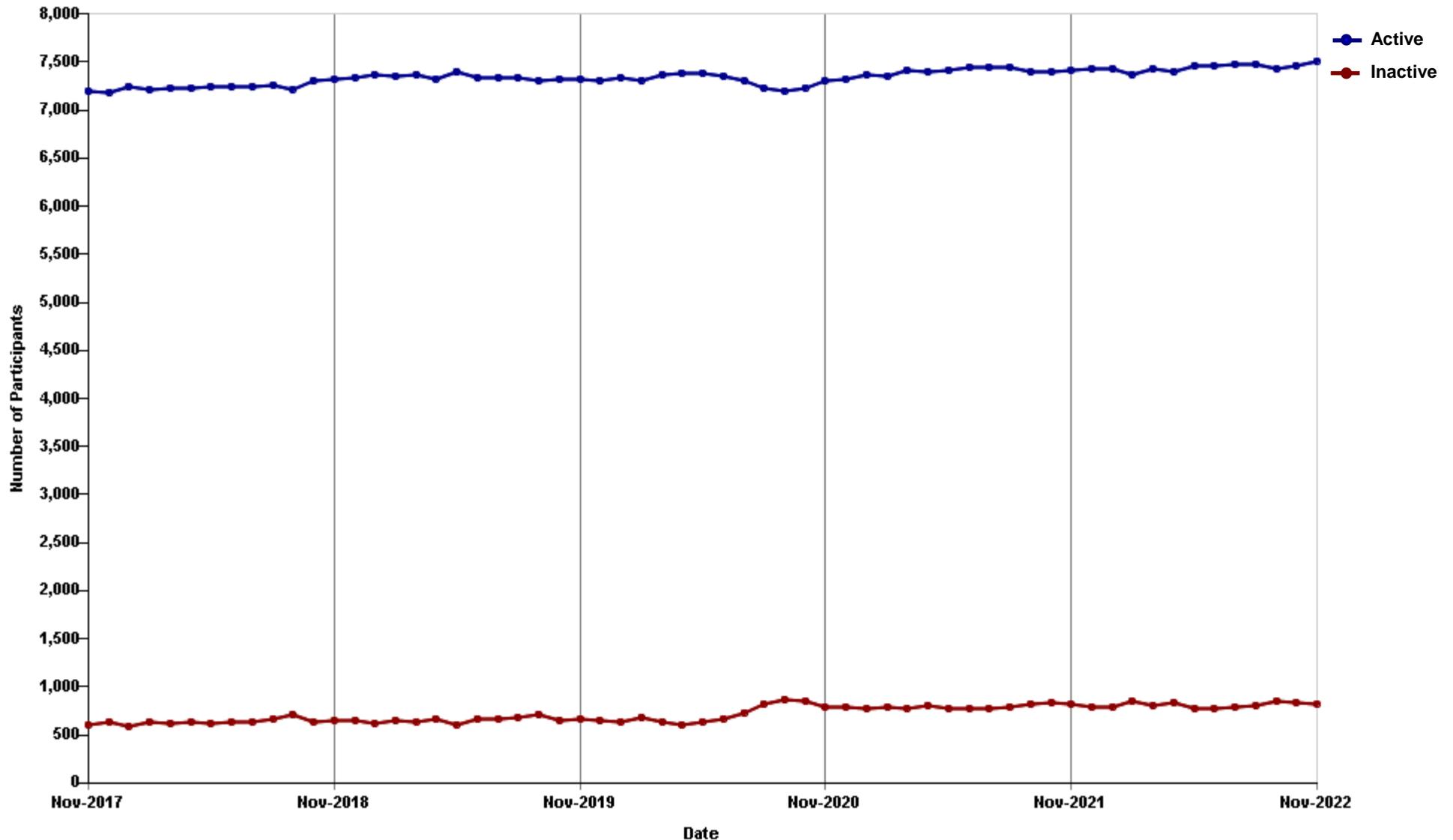


1.7 Percent Distribution of Inactive Participants by CD4 Count
(November 2017 - November 2022)



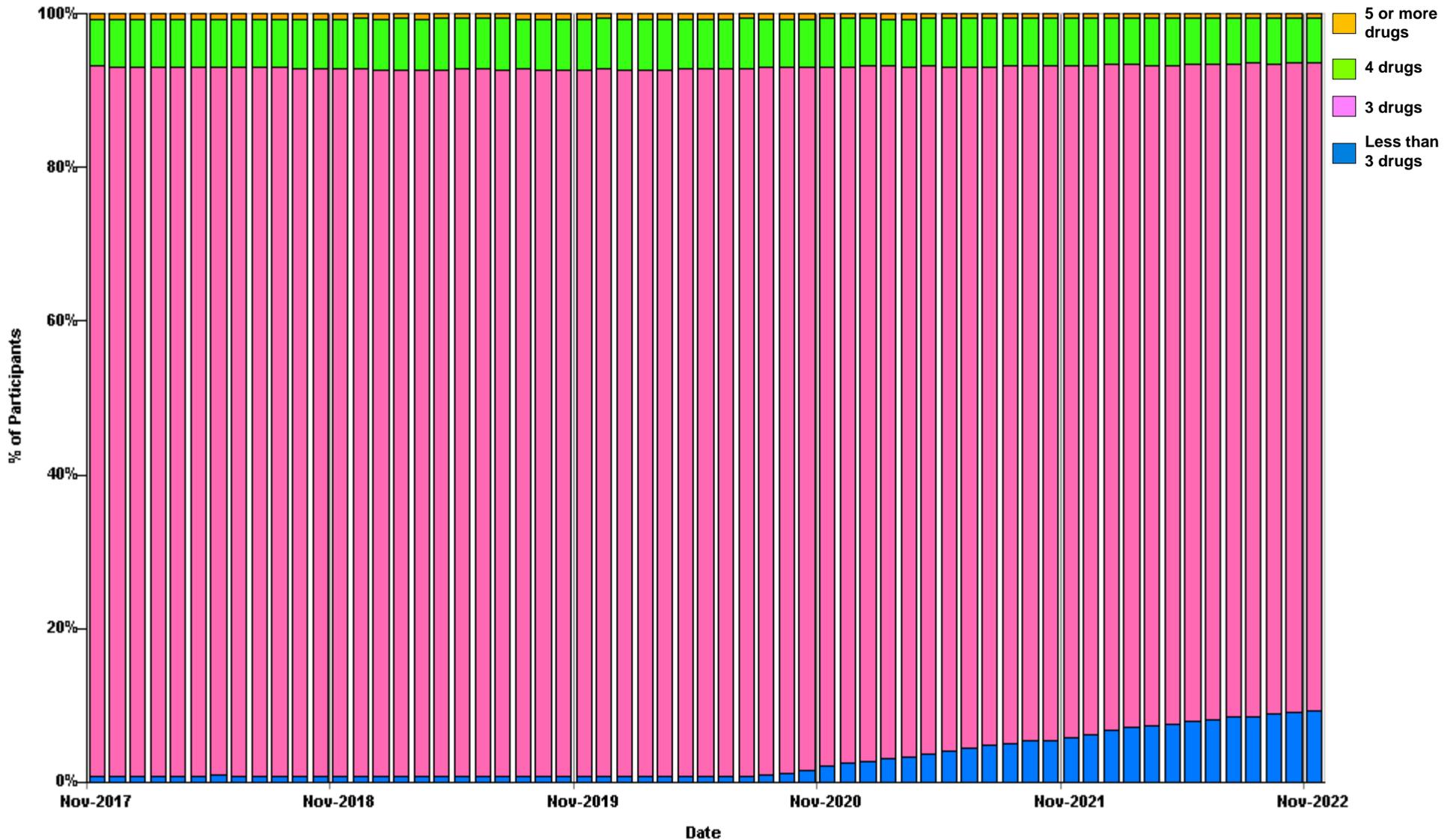


1.8 Active and Inactive Participants (November 2017 - November 2022)



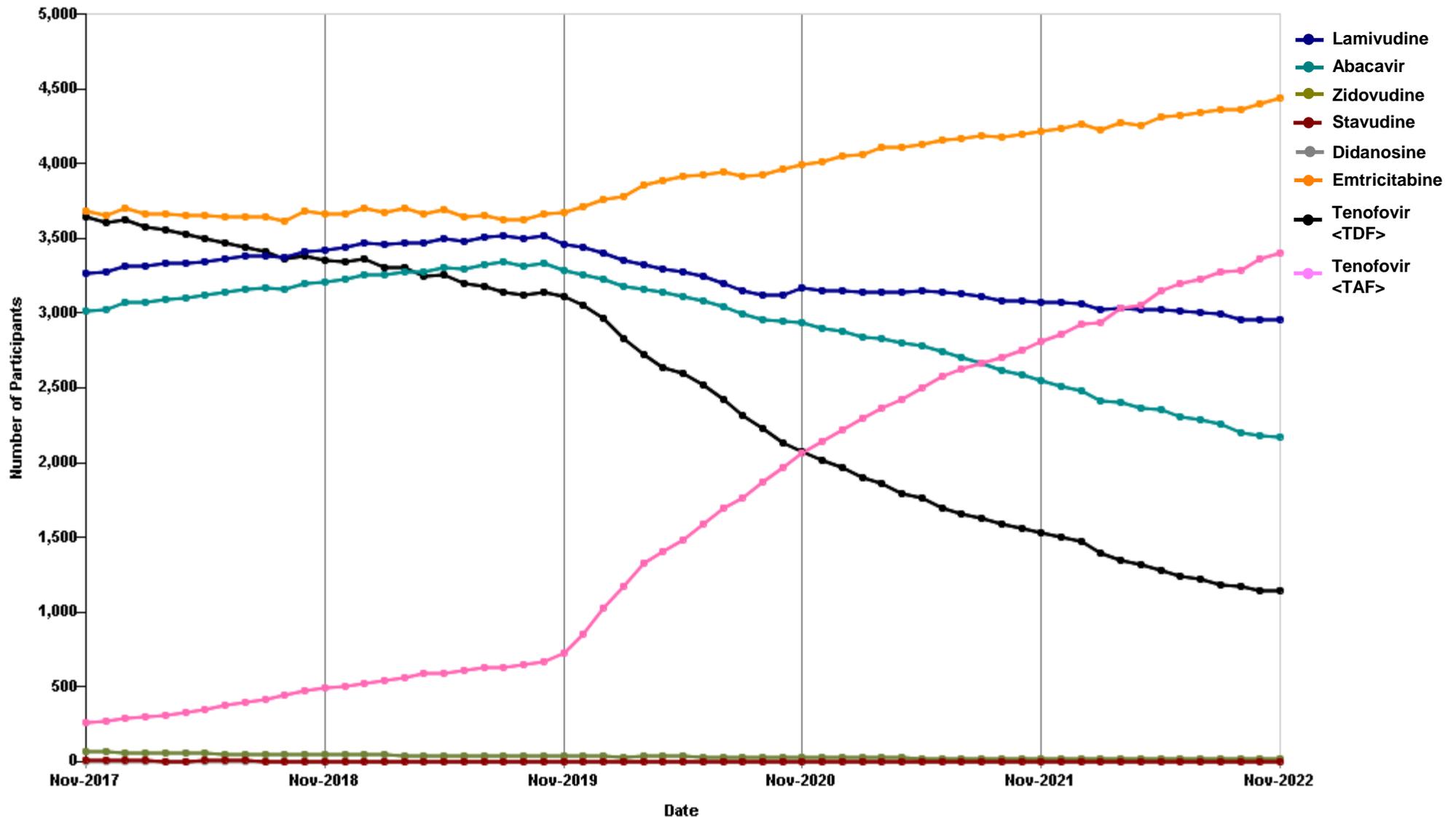


1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (November 2017 - November 2022)





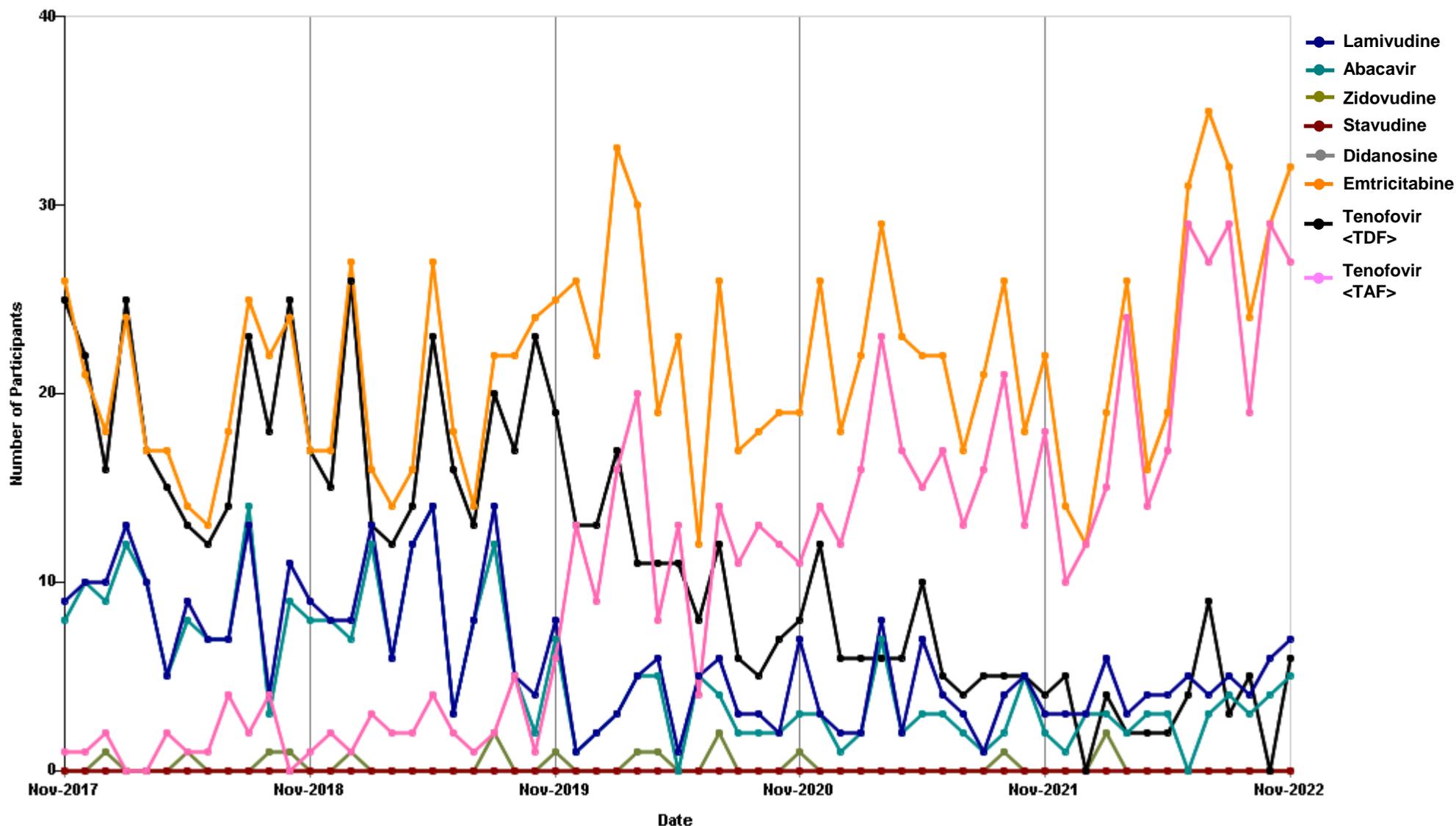
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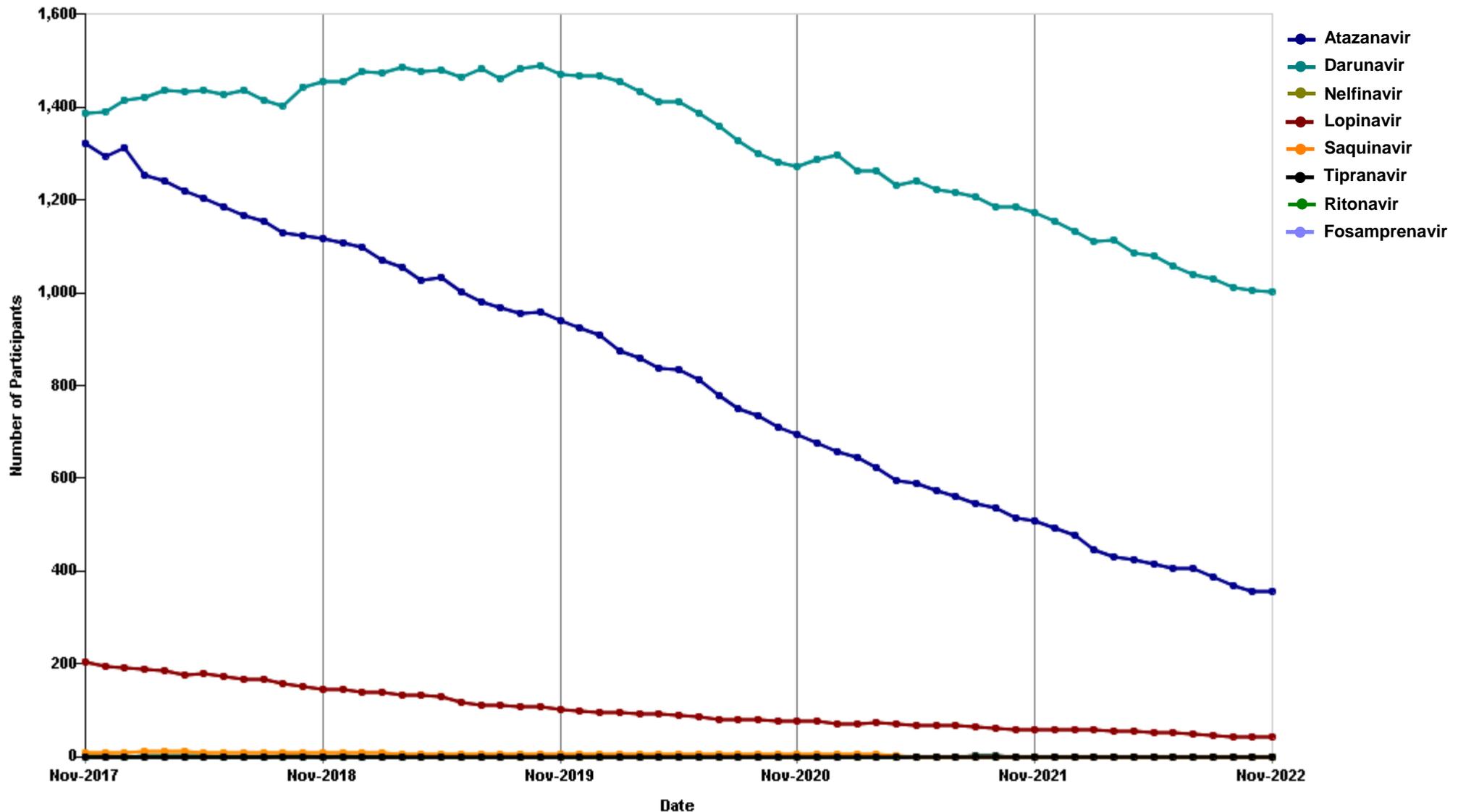
1.11 Distribution of Participants on Nucleoside/Nucleotide Analogues at the time of first start of ARV Therapy by INGREDIENT

(November 2017 - November 2022)





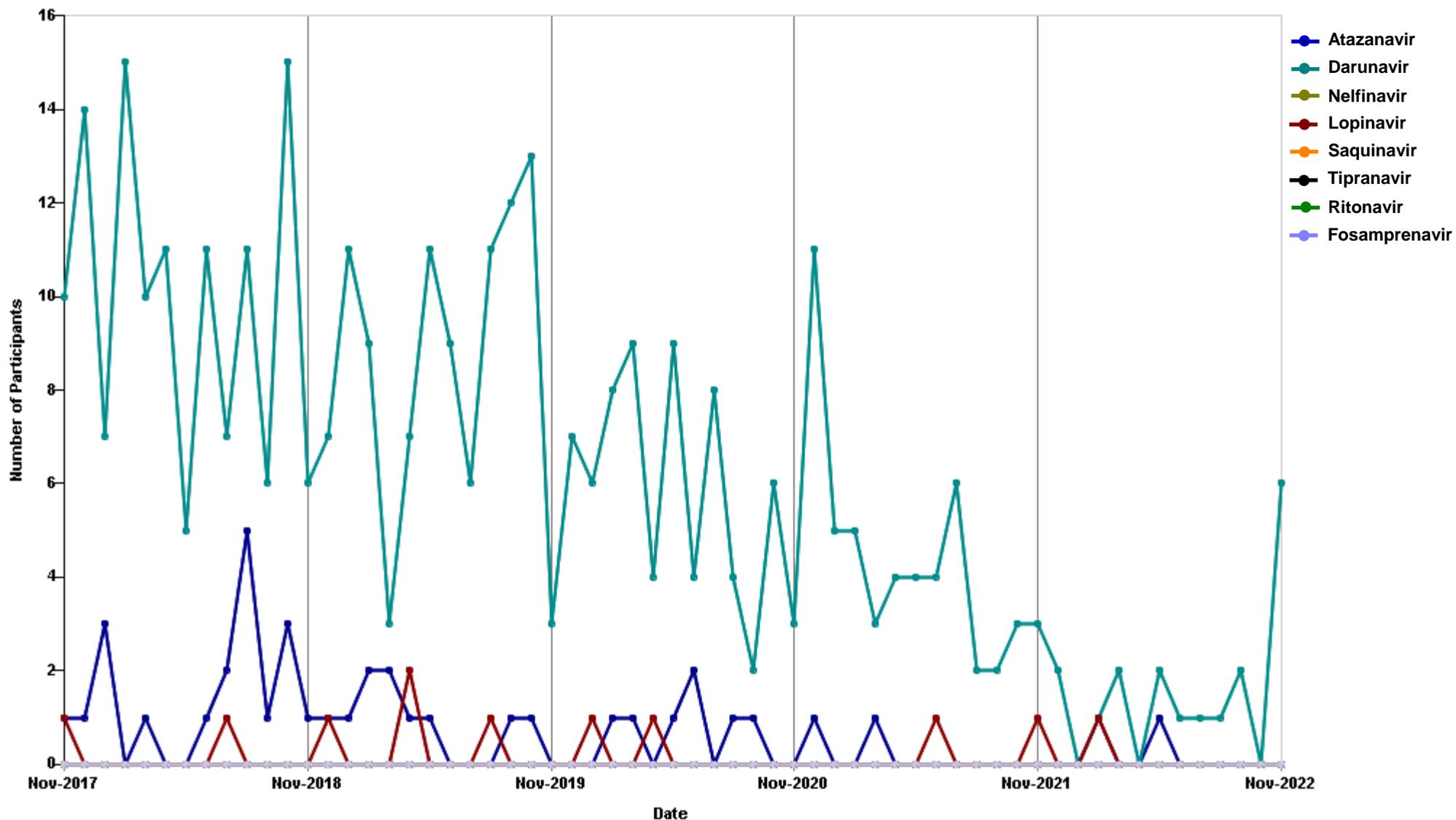
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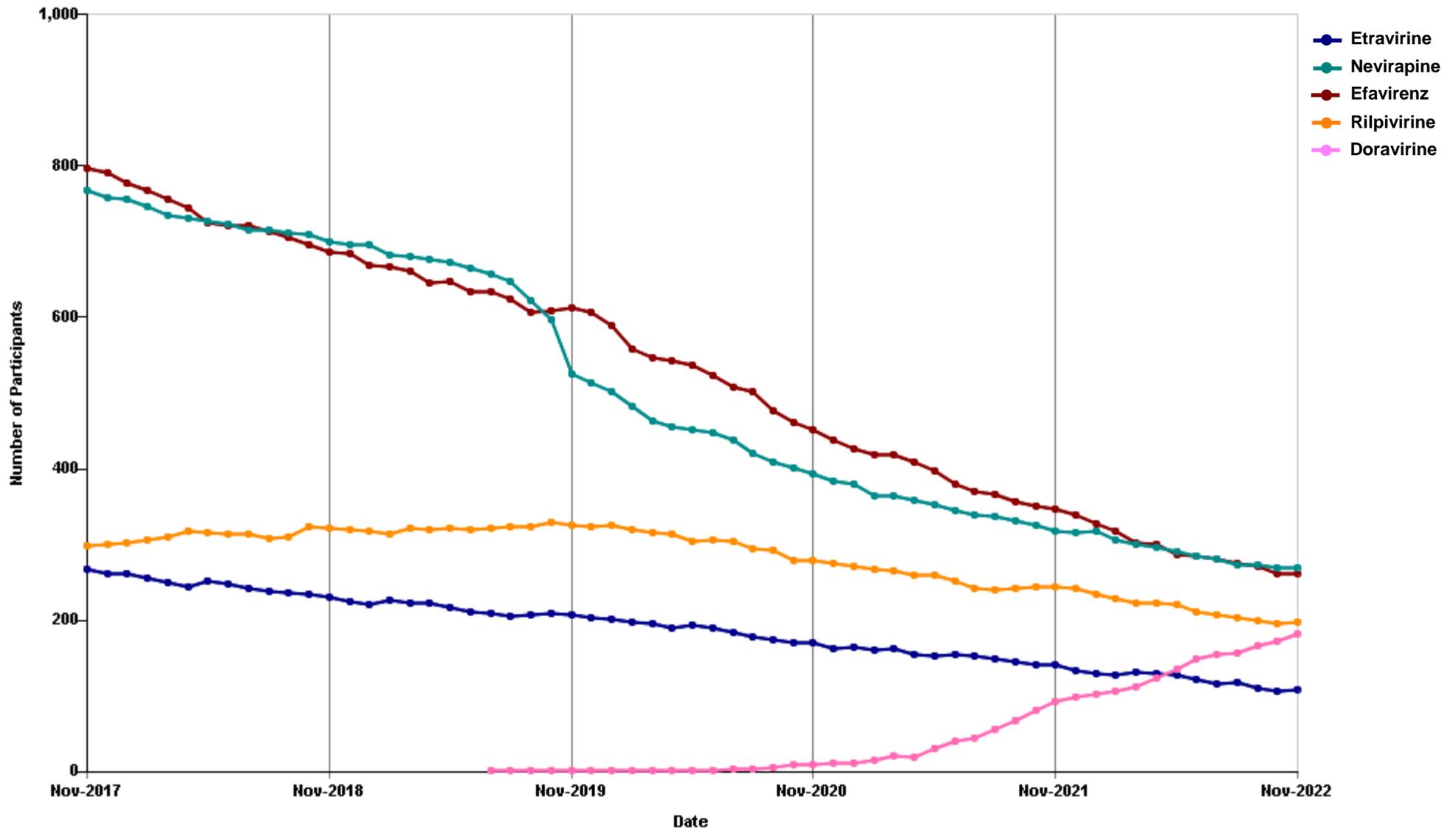
1.13 Distribution of Participants on Protease Inhibitor at the time of first start of ARV Therapy by INGREDIENT

(November 2017 - November 2022)





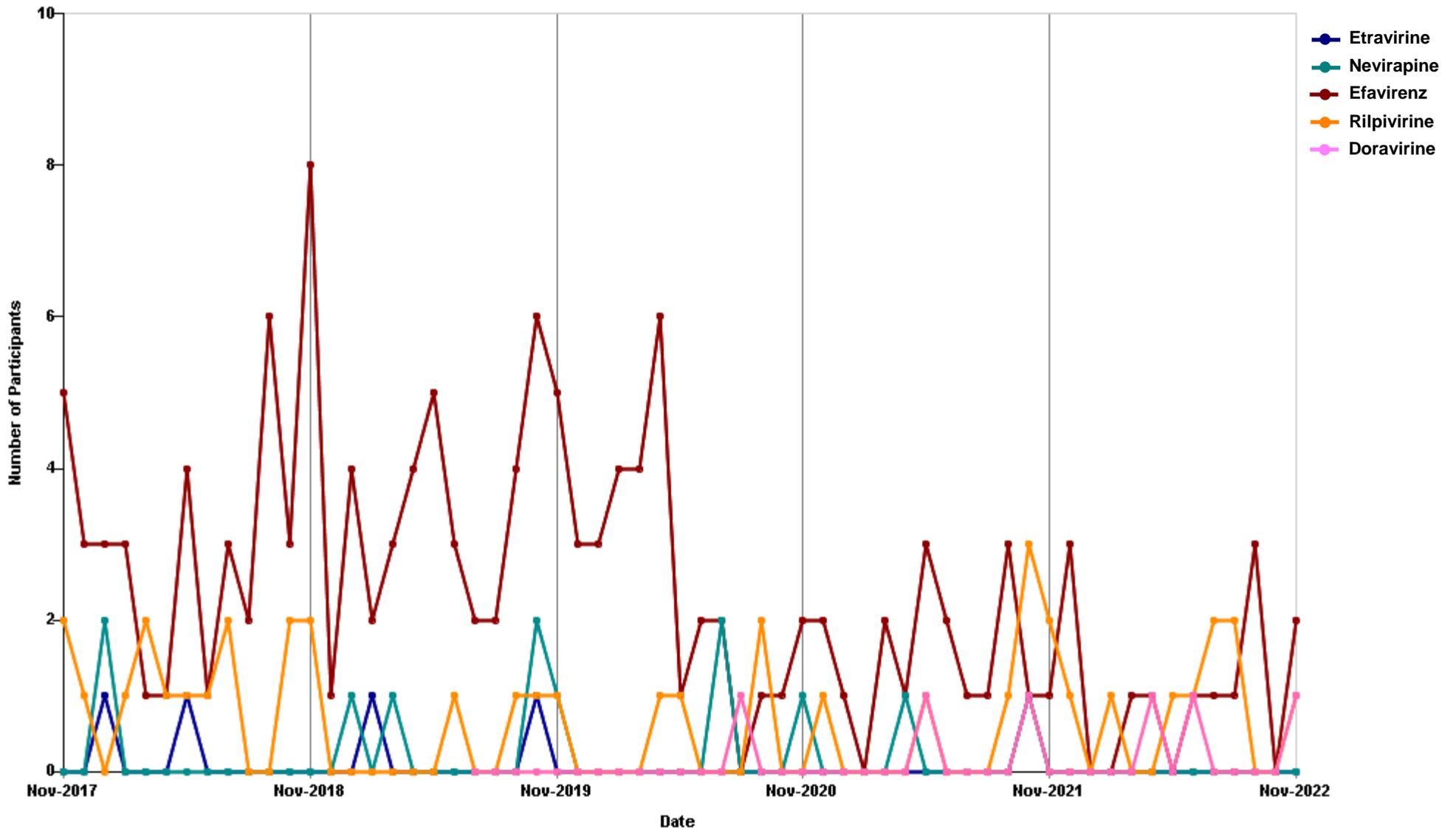
1.14 Distribution of Participants on Non-Nucleosides by INGREDIENT (November 2017 - November 2022)





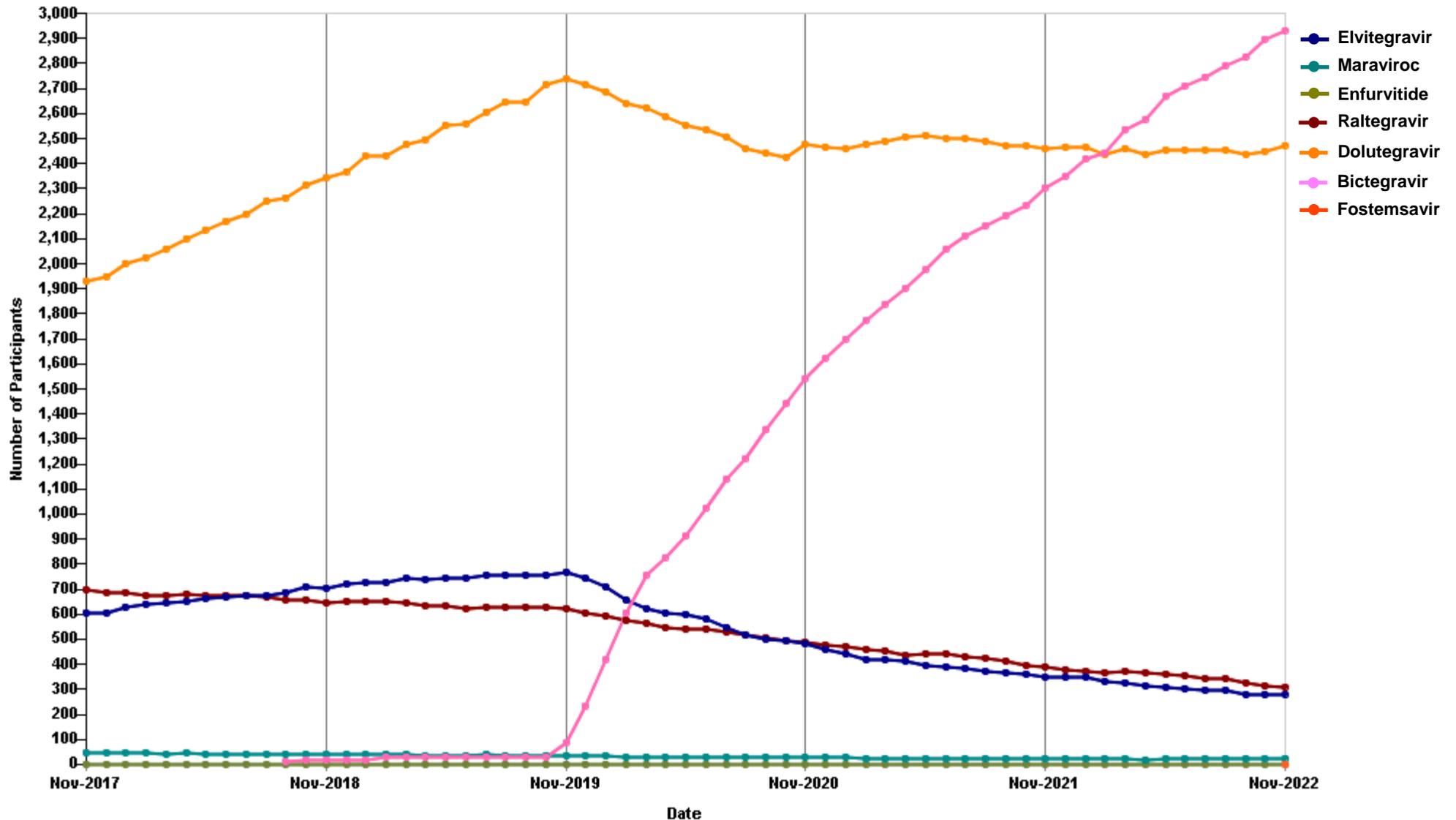
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(November 2017 - November 2022)





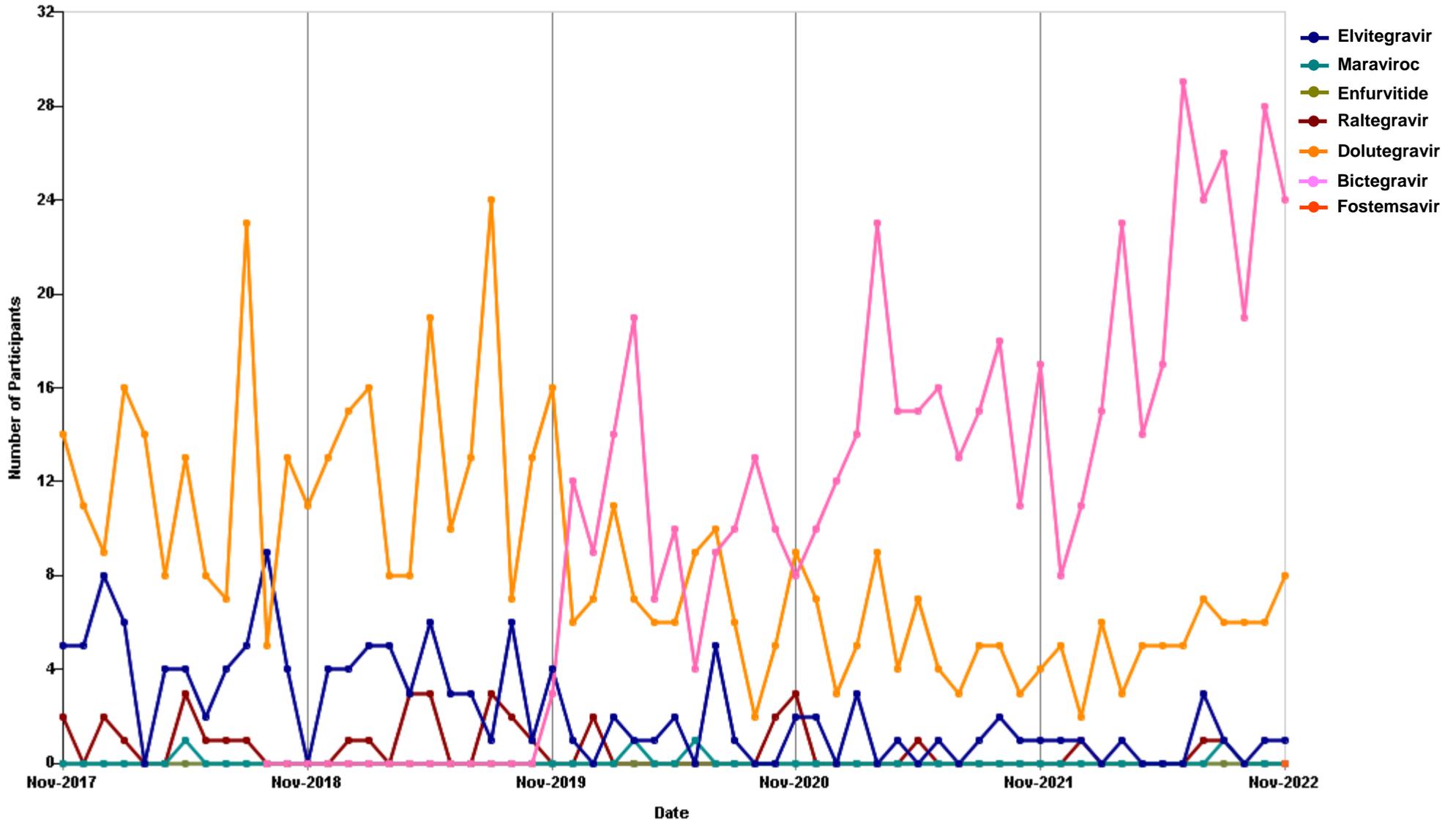
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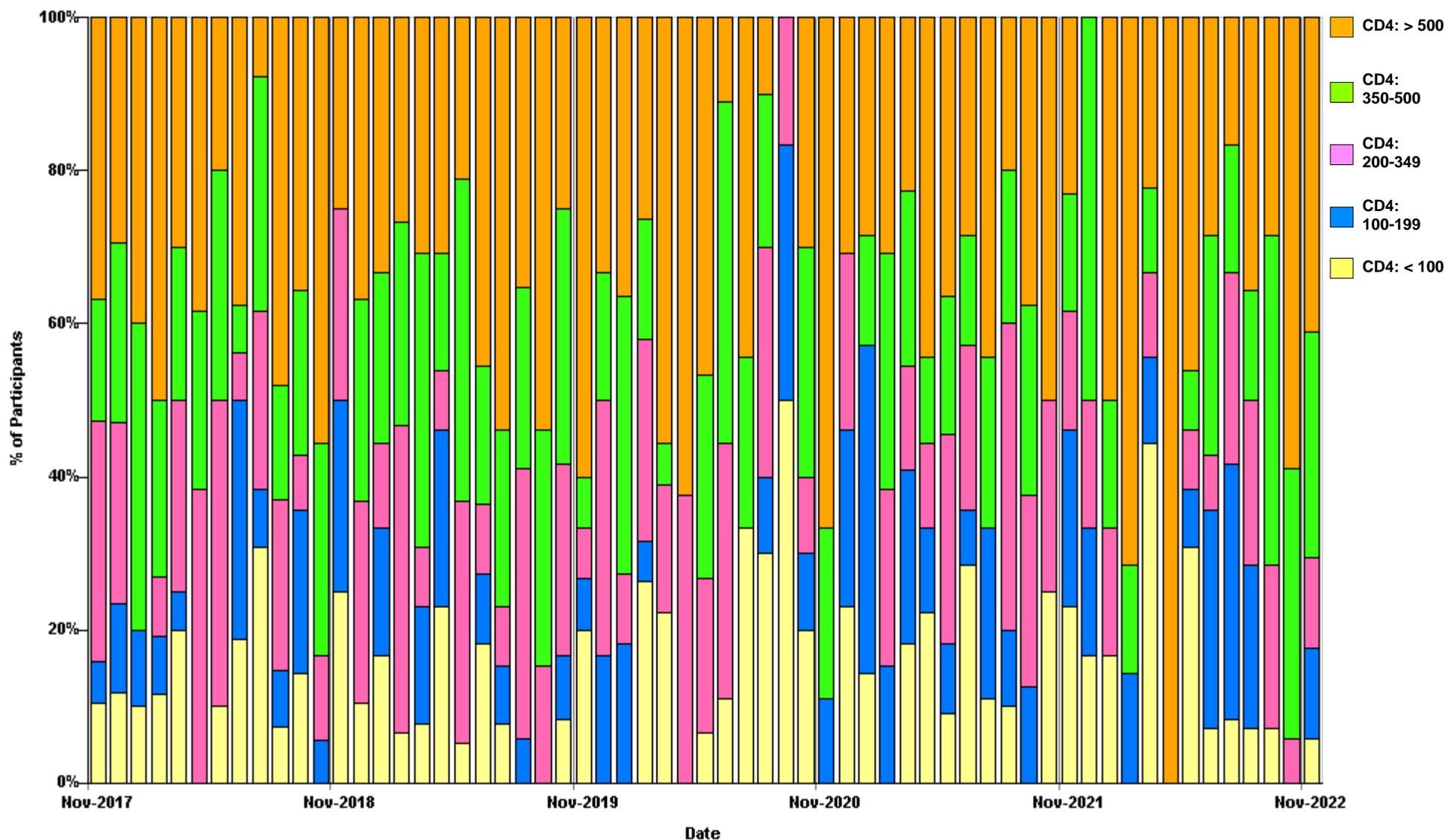
1.17 Distribution of Participants on Entry/Integrase Inhibitors at the time of first ARV Therapy by INGREDIENT

(November 2017 - November 2022)



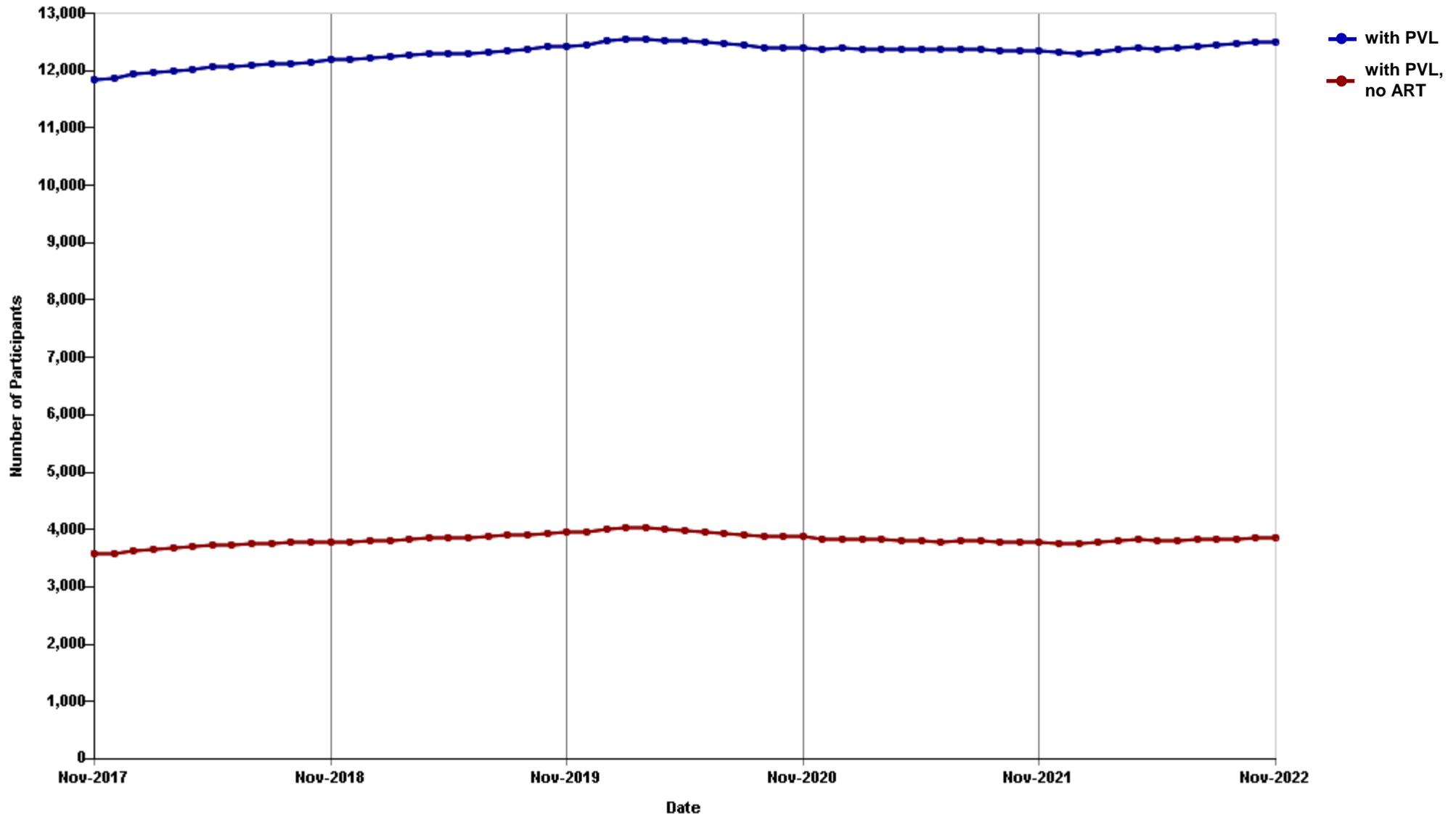


1.18 Baseline CD4 for Antiretroviral First Starts (November 2017 - November 2022)



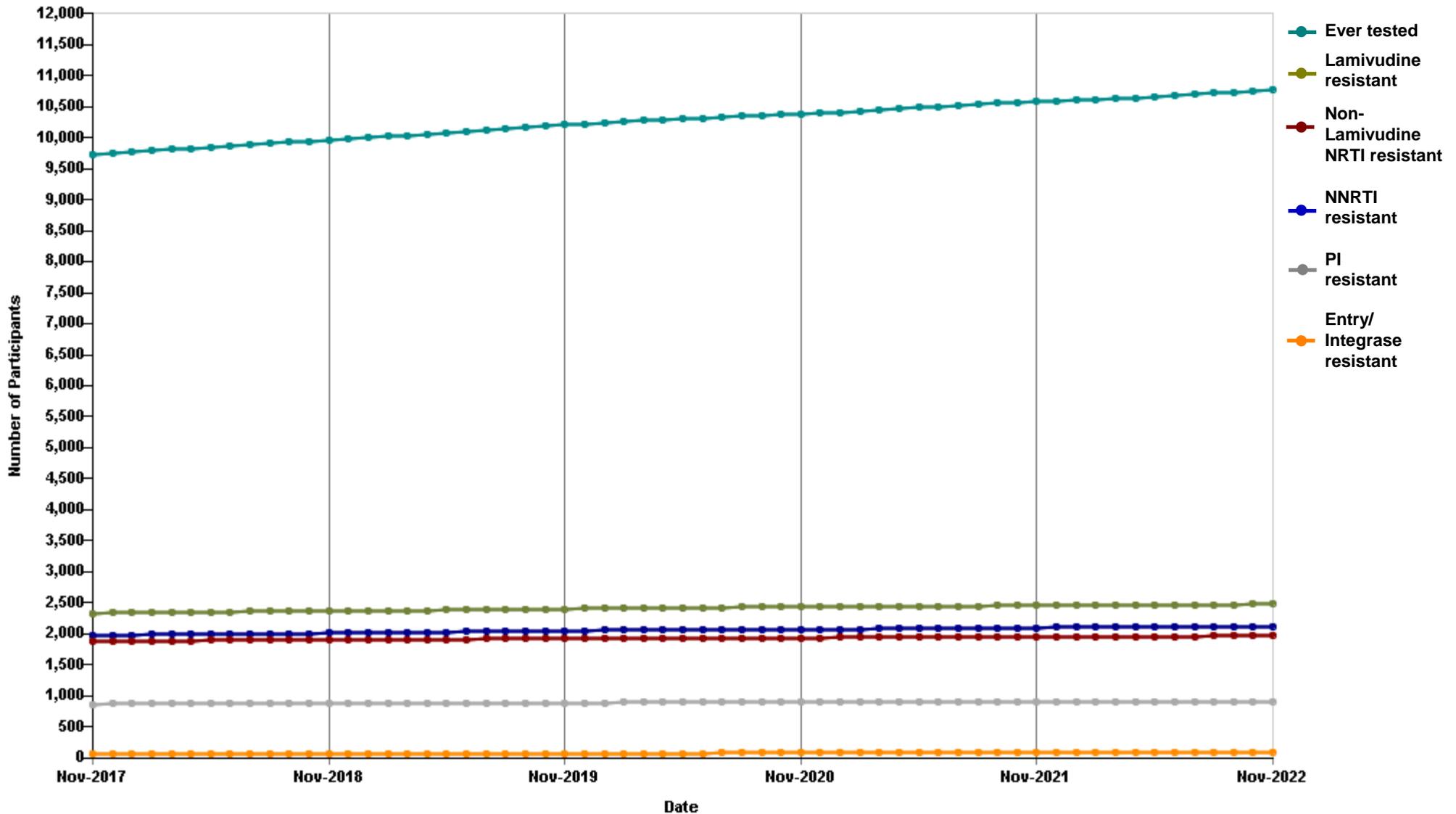


1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (November 2017 - November 2022)



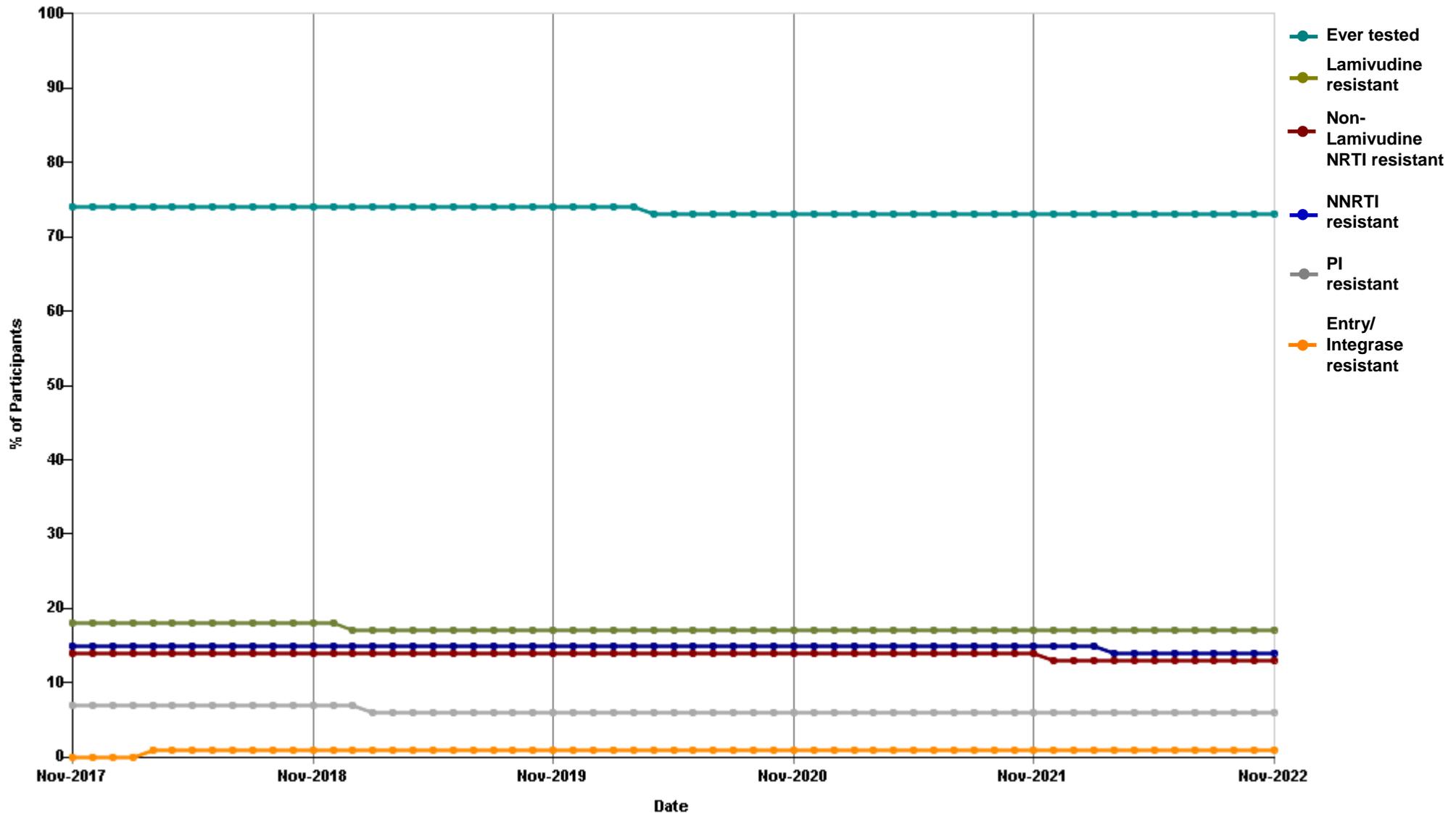


1.20 Cumulative Resistance Testing Results by Resistance Category (November 2017 - November 2022)





1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (November 2017 - November 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	920	4	<40	4
1988	32	5	0	5	2	345	5	<40	3
1989	30	48	1	49	21	510	46	<40	3
1990	28	52	1	53	32	515	50	<40	3
1991	28	36	3	39	17	520	35	<40	3
1992	28	56	4	60	19	630	55	<40	3
1993	27	121	11	132	71	510	121	<40	3
1994	26	66	13	79	43	460	73	<40	3
1995	26	119	19	138	76	560	130	<40	3
1996	24	301	46	347	196	570	318	<40	3
1997	22	261	31	292	165	640	271	<40	3
1998	21	184	36	220	132	550	198	<40	3
1999	21	149	38	187	120	560	172	<40	3
2000	21	117	28	145	85	600	136	<40	3
2001	20	111	26	137	74	535	123	<40	3
2002	19	120	25	145	84	550	132	<40	3
2003	19	133	26	159	92	590	146	<40	3
2004	18	142	39	181	108	595	160	<40	3
2005	17	178	40	218	126	650	190	<40	3
2006	16	164	42	206	130	610	194	<40	3
2007	15	223	43	266	160	660	237	<40	3
2008	14	271	58	329	216	630	297	<40	3
2009	13	291	62	353	221	630	323	<40	3
2010	12	253	66	319	198	670	281	<40	3
2011	11	315	72	387	249	680	347	<40	3
2012	10	263	62	325	199	700	296	<40	3
2013	9	247	67	314	197	700	278	<40	3
2014	8	266	46	312	185	750	276	<40	3
2015	7	260	43	303	187	670	278	<40	3
2016	6	245	51	296	189	670	263	<40	3
2017	5	209	34	243	153	680	212	<40	3
2018	4	181	49	230	142	721	213	<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)	Current CD4 Median	Current PVL (n)	Current PVL Median	Current ARV Median
2019	3	221	41	262	172	695	236	<40	3
2020	2	185	53	238	171	700	215	<40	3
2021	1	199	36	235	143	590	214	<40	3
2022	0	253	47	300	243	610	287	<40	3
Total:		6249	1259	7508					

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	1867	<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	1293	630
NOV-2021	7446	750	2020	<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	1262	620
MAR-2022	7458	766	1903	<40	1249	620
APR-2022	7420	778	1755	<40	1149	620
MAY-2022	7477	763	1998	<40	1304	620
JUN-2022	7482	759	1839	<40	1195	630
JUL-2022	7496	755	1762	<40	1136	643
AUG-2022	7496	758	1989	<40	1219	620
SEP-2022	7448	771	1788	<40	1075	640
OCT-2022	7486	777	1852	<40	1143	640
NOV-2022	7530	783	1900	<40	1167	630

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	772	197	72	<40	55	540
FEB-2021	784	197	69	<40	56	510
MAR-2021	768	248	89	<40	71	630
APR-2021	802	255	73	<40	58	615
MAY-2021	779	272	73	<40	66	540
JUN-2021	777	260	65	57	49	540
JUL-2021	778	271	52	102	37	530
AUG-2021	784	262	53	<40	44	625
SEP-2021	828	227	64	<40	41	610
OCT-2021	831	239	79	<40	60	540
NOV-2021	815	261	78	<40	61	450
DEC-2021	795	247	48	<40	32	385
JAN-2022	787	273	55	<40	45	580
FEB-2022	857	232	73	<40	56	635
MAR-2022	801	285	94	<40	73	480
APR-2022	837	278	70	<40	53	550
MAY-2022	778	337	60	<40	43	490
JUN-2022	781	317	61	<40	43	400
JUL-2022	784	305	60	<50	35	453
AUG-2022	805	281	59	78	47	560
SEP-2022	860	230	70	<40	52	440
OCT-2022	839	240	80	<50	59	500
NOV-2022	818	259	78	68	55	490

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	772	14	9	205	159	37	14210
FEB-2021	7352	784	15	13	186	189	-7	14234
MAR-2021	7405	768	15	24	203	156	53	14271
APR-2021	7390	802	13	9	165	173	-15	14296
MAY-2021	7418	779	14	14	177	143	28	14325
JUN-2021	7435	777	7	15	186	174	17	14351
JUL-2021	7438	778	9	12	170	166	3	14371
AUG-2021	7436	784	16	12	174	167	-2	14393
SEP-2021	7399	828	14	9	173	199	-37	14423
OCT-2021	7392	831	17	6	186	174	-7	14446
NOV-2021	7417	815	11	15	199	175	25	14472
DEC-2021	7430	795	22	6	204	174	13	14490
JAN-2022	7432	787	19	7	161	144	2	14505
FEB-2022	7372	857	8	9	151	211	-60	14530
MAR-2022	7433	801	16	9	232	160	61	14559
APR-2022	7397	837	11	1	156	179	-36	14579
MAY-2022	7450	778	13	13	205	146	53	14603
JUN-2022	7457	781	11	15	178	170	7	14640
JUL-2022	7470	784	10	13	188	175	13	14679
AUG-2022	7471	805	15	17	169	170	1	14717
SEP-2022	7429	860	13	15	145	188	-42	14745
OCT-2022	7461	839	13	19	195	166	32	14780
NOV-2022	7508	818	9	18	212	172	47	14820

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	441	43	7496	8.58%	84.97%	5.88%	0.57%	100.00%
SEP-2022	663	6301	439	45	7448	8.90%	84.60%	5.89%	0.60%	100.00%
OCT-2022	679	6326	439	42	7486	9.07%	84.50%	5.86%	0.56%	100.00%
NOV-2022	695	6348	446	41	7530	9.23%	84.30%	5.92%	0.54%	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%	3273 45%	3 8%	1179 16%	32 86%	4356 59%
SEP-2022	4 14%	2955 40%	3 11%	2198 30%	0 0%	17 0%	19 68%	3287 45%	5 18%	1174 16%	24 86%	4356 60%
OCT-2022	6 17%	2958 40%	4 11%	2181 30%	0 0%	16 0%	29 83%	3358 46%	0 0%	1145 16%	29 83%	4397 60%
NOV-2022	7 18%	2959 40%	5 13%	2169 29%	0 0%	15 0%	27 69%	3397 46%	6 15%	1144 15%	32 82%	4435 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%	1028 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%	1010 71%	0 0%	44 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
OCT-2022	0 0%	0 0%	0 0%	356 25%	0 0%	1005 72%	0 0%	44 3%	0 0%	1 0%	0 0%	0 0%	0 0%	1 0%
NOV-2022	0 0%	0 0%	0 0%	355 25%	6 100%	1001 72%	0 0%	43 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%	3 100%	272 27%	0 0%	110 11%	0 0%	273 27%	0 0%	200 20%
OCT-2022	0 0%	173 17%	0 0%	261 26%	0 0%	106 11%	0 0%	269 27%	0 0%	196 20%
NOV-2022	1 25%	182 18%	2 50%	262 26%	0 0%	109 11%	0 0%	269 26%	1 25%	198 19%

Definitions:

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

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

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

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

Doravirine not currently available on BC-CfE Formulary





2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT

	bictegravir		dolutegravir		elvitegravir		fostemsavir		maraviroc		raltegravir													
	Initial	All	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%	0	0%	27	1%	0	0%	469	9%		
FEB-2021	14	64%	1774	35%	5	23%	2476	49%	3	14%	420	8%	0	0%	0	0%	0	0%	24	0%	0	0%	457	9%
MAR-2021	23	72%	1839	35%	9	28%	2491	48%	0	0%	418	8%	0	0%	0	0%	0	0%	24	0%	0	0%	454	9%
APR-2021	15	75%	1901	36%	4	20%	2504	48%	1	5%	412	8%	0	0%	0	0%	0	0%	22	0%	0	0%	438	8%
MAY-2021	15	65%	1979	37%	7	30%	2509	47%	0	0%	397	7%	0	0%	0	0%	0	0%	22	0%	1	4%	439	8%
JUN-2021	16	76%	2056	38%	4	19%	2498	47%	1	5%	387	7%	0	0%	0	0%	0	0%	23	0%	0	0%	440	8%
JUL-2021	13	81%	2111	39%	3	19%	2498	46%	0	0%	382	7%	0	0%	0	0%	0	0%	23	0%	0	0%	432	8%
AUG-2021	15	71%	2150	40%	5	24%	2488	46%	1	5%	374	7%	0	0%	0	0%	0	0%	23	0%	0	0%	424	8%
SEP-2021	18	72%	2192	40%	5	20%	2470	46%	2	8%	366	7%	0	0%	0	0%	0	0%	23	0%	0	0%	411	8%
OCT-2021	11	73%	2234	41%	3	20%	2469	45%	1	7%	363	7%	0	0%	0	0%	0	0%	24	0%	0	0%	398	7%
NOV-2021	17	77%	2303	42%	4	18%	2459	45%	1	5%	348	6%	0	0%	0	0%	0	0%	24	0%	0	0%	392	7%
DEC-2021	8	57%	2348	42%	5	36%	2463	45%	1	7%	349	6%	0	0%	0	0%	0	0%	24	0%	0	0%	380	7%
JAN-2022	11	73%	2421	43%	2	13%	2468	44%	1	7%	347	6%	0	0%	0	0%	0	0%	24	0%	1	7%	374	7%
FEB-2022	15	71%	2443	44%	6	29%	2437	44%	0	0%	331	6%	0	0%	0	0%	0	0%	21	0%	0	0%	369	7%
MAR-2022	23	85%	2536	45%	3	11%	2460	43%	1	4%	324	6%	0	0%	0	0%	0	0%	21	0%	0	0%	370	7%
APR-2022	14	74%	2574	45%	5	26%	2436	43%	0	0%	312	5%	0	0%	0	0%	0	0%	20	0%	0	0%	366	6%
MAY-2022	17	77%	2666	46%	5	23%	2455	43%	0	0%	309	5%	0	0%	0	0%	0	0%	22	0%	0	0%	360	6%
JUN-2022	29	85%	2710	47%	5	15%	2454	42%	0	0%	300	5%	0	0%	0	0%	0	0%	22	0%	0	0%	352	6%
JUL-2022	24	69%	2746	47%	7	20%	2452	42%	3	9%	297	5%	0	0%	0	0%	0	0%	22	0%	1	3%	342	6%
AUG-2022	26	76%	2792	48%	6	18%	2453	42%	1	3%	294	5%	0	0%	0	0%	1	3%	22	0%	1	3%	340	6%
SEP-2022	19	76%	2823	48%	6	24%	2435	42%	0	0%	281	5%	0	0%	0	0%	0	0%	21	0%	0	0%	323	6%
OCT-2022	28	80%	2895	49%	6	17%	2448	41%	1	3%	281	5%	0	0%	0	0%	0	0%	22	0%	0	0%	314	5%
NOV-2022	24	73%	2928	49%	8	24%	2471	41%	1	3%	277	5%	0	0%	1	0%	0	0%	22	0%	0	0%	309	5%

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	61.54	641	8.55	648	8.64	74	0.99
SEP-2022	800	10.74	692	9.29	4579	61.48	662	8.89	641	8.61	74	0.99
OCT-2022	792	10.58	673	8.99	4632	61.88	678	9.06	637	8.51	74	0.99
NOV-2022	780	10.36	684	9.08	4656	61.83	694	9.22	645	8.57	71	0.94

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
OCT-2022	19	0	0	1	6	10	520
NOV-2022	18	1	2	2	5	7	460

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	12383	3833
FEB-2021	12376	3828
MAR-2021	12376	3819
APR-2021	12365	3806
MAY-2021	12360	3794
JUN-2021	12361	3788
JUL-2021	12382	3807
AUG-2021	12378	3815
SEP-2021	12347	3783
OCT-2021	12334	3775
NOV-2021	12338	3767
DEC-2021	12318	3761
JAN-2022	12305	3761
FEB-2022	12329	3776
MAR-2022	12359	3793
APR-2022	12389	3818
MAY-2022	12380	3807
JUN-2022	12395	3809
JUL-2022	12421	3818
AUG-2022	12442	3830
SEP-2022	12461	3839
OCT-2022	12490	3860
NOV-2022	12498	3849

Definitions:

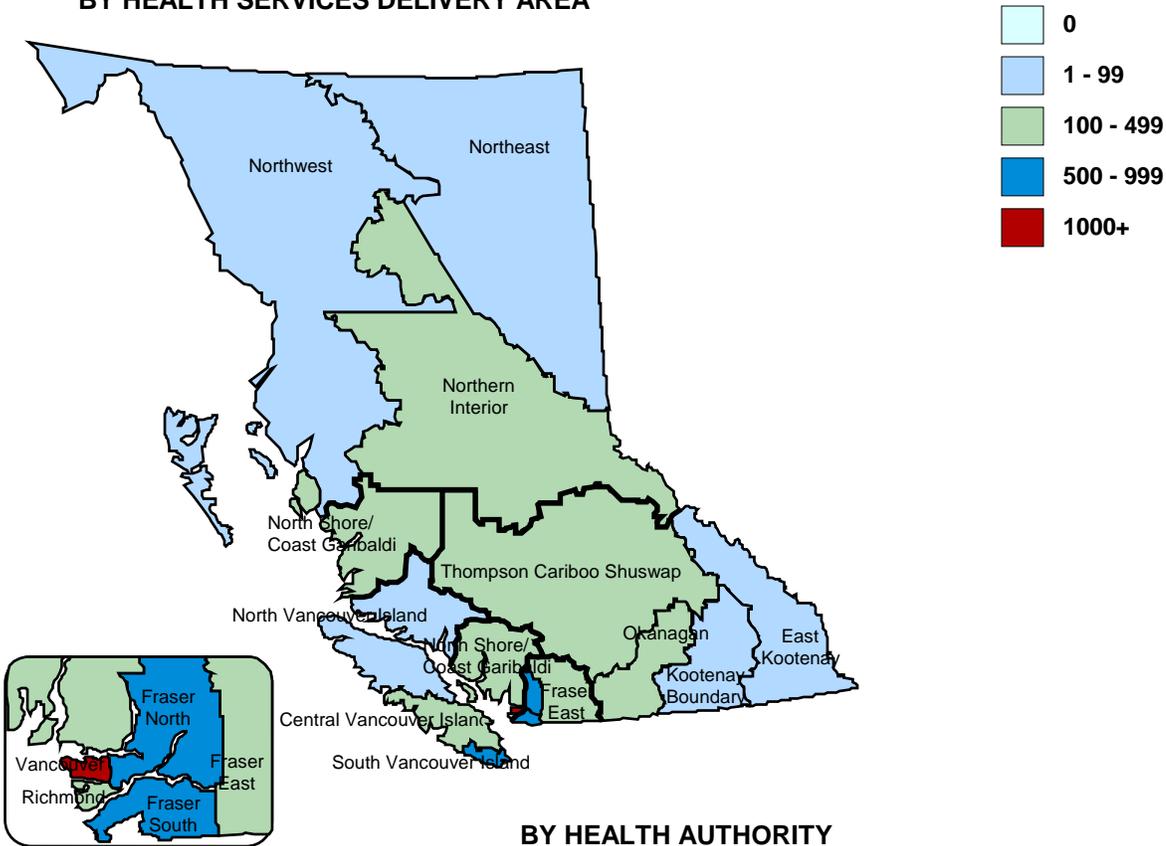
Patients with PVL test are defined as having at least one PVL test within previous five years, and not reported deceased/moved
Never on ART are subset of patients with PVL test, and not being treated with ARVs on or before specified month



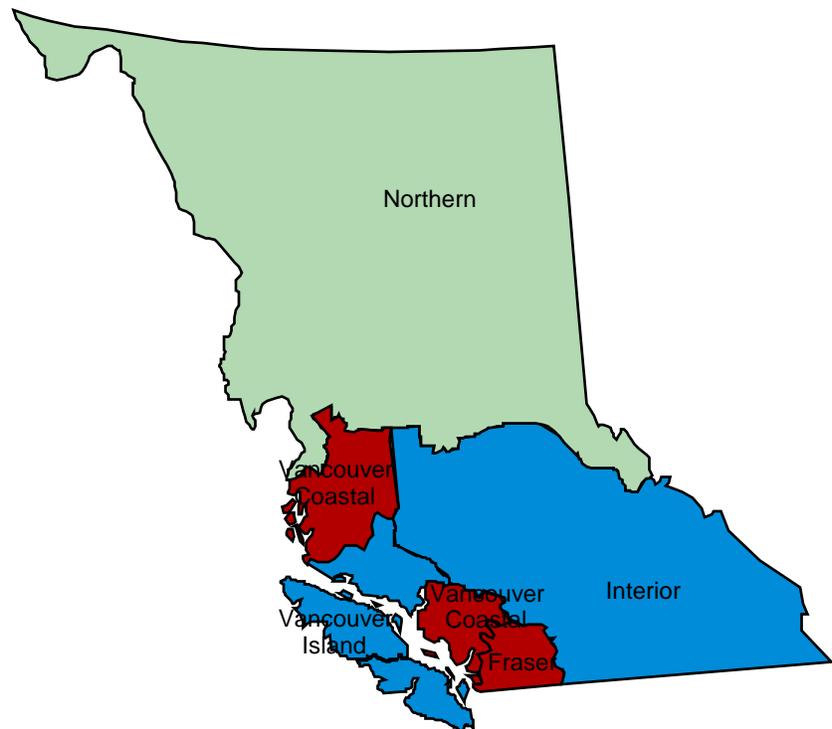


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7530
Nov-2022

BY HEALTH SERVICES DELIVERY AREA



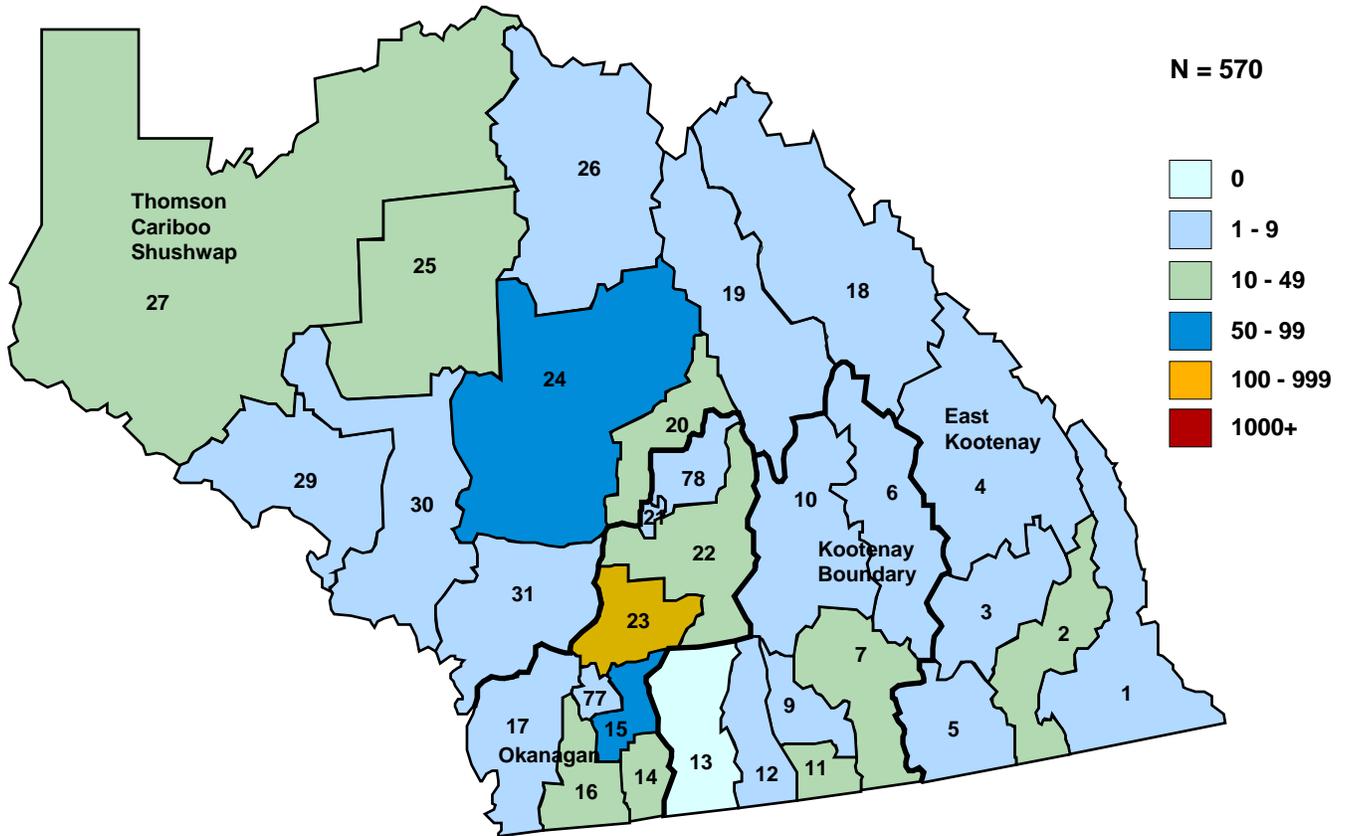
BY HEALTH AUTHORITY



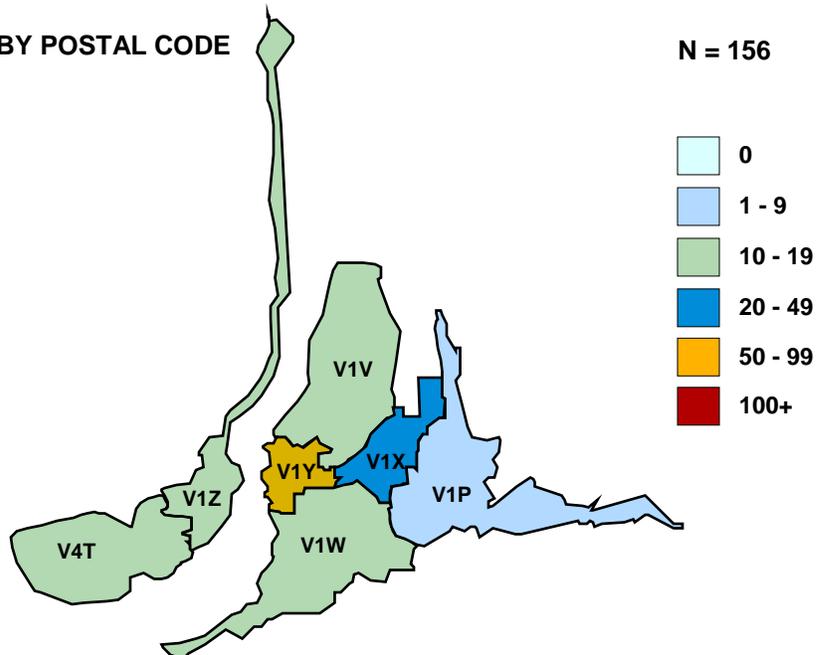


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2022

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



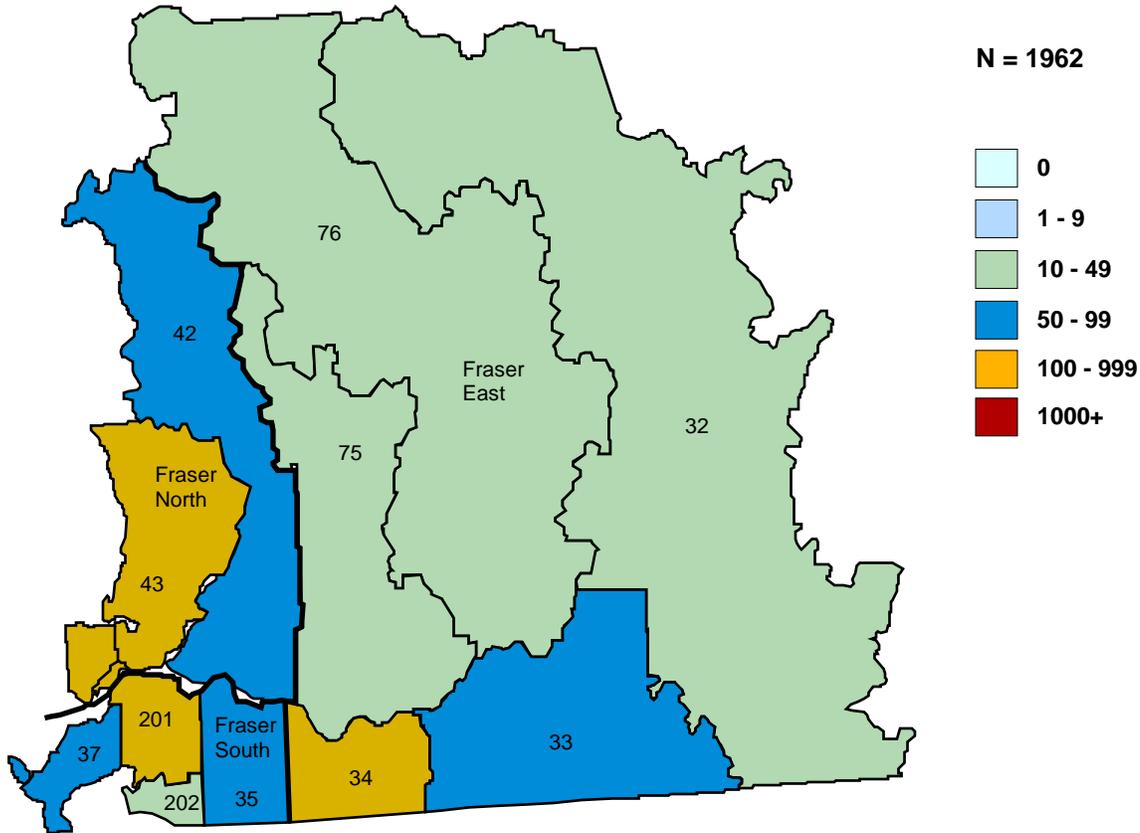
KELOWNA BY POSTAL CODE



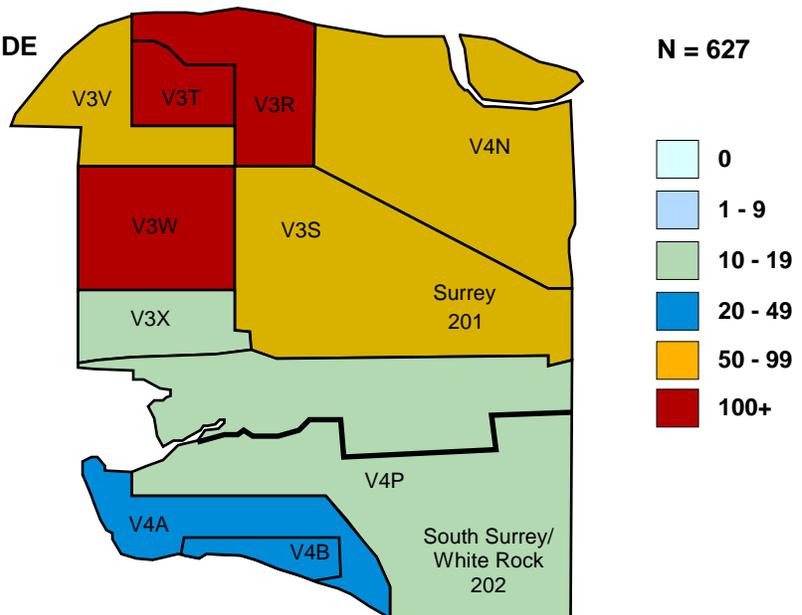


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2022

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



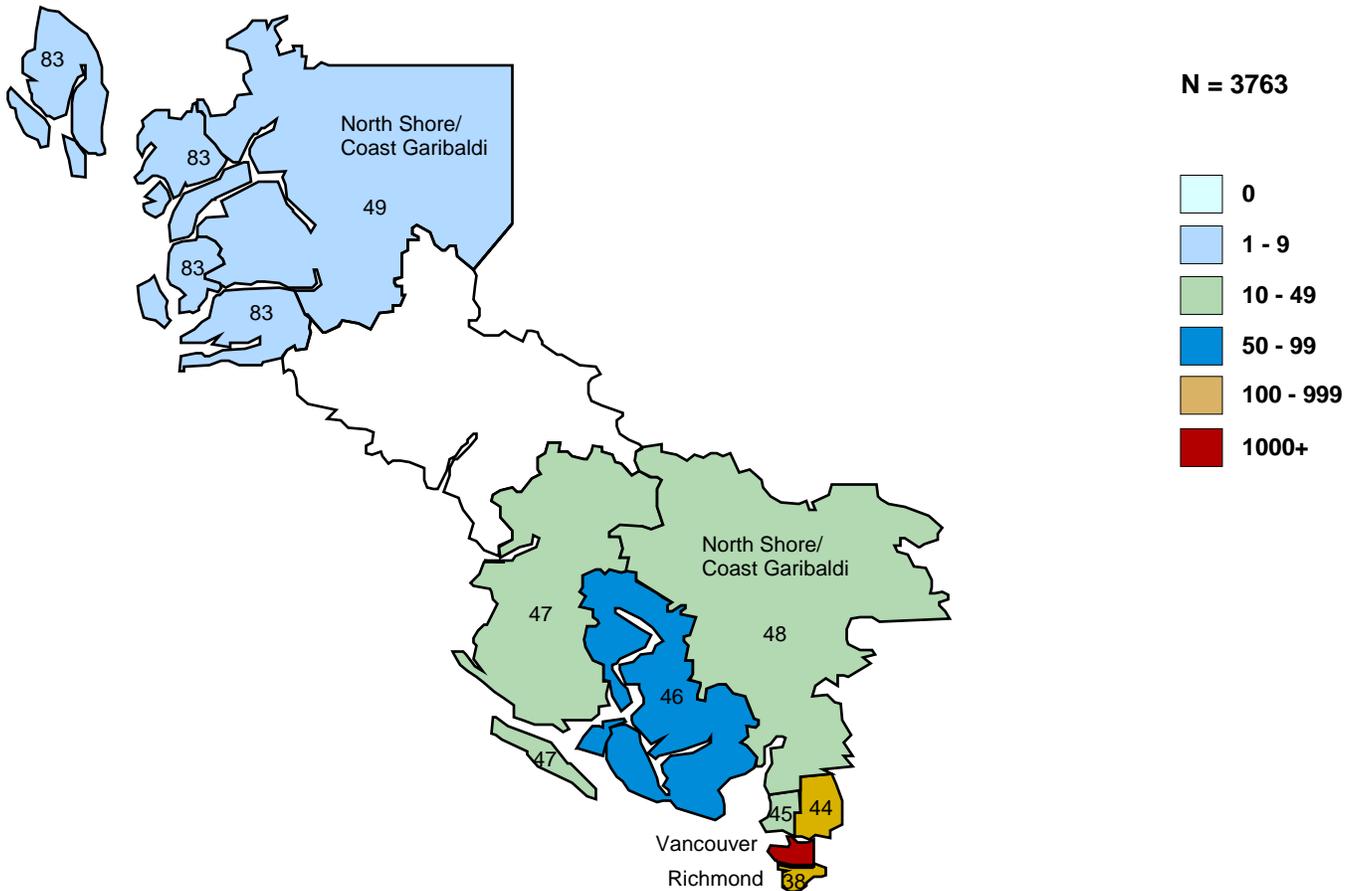
SURREY BY POSTAL CODE



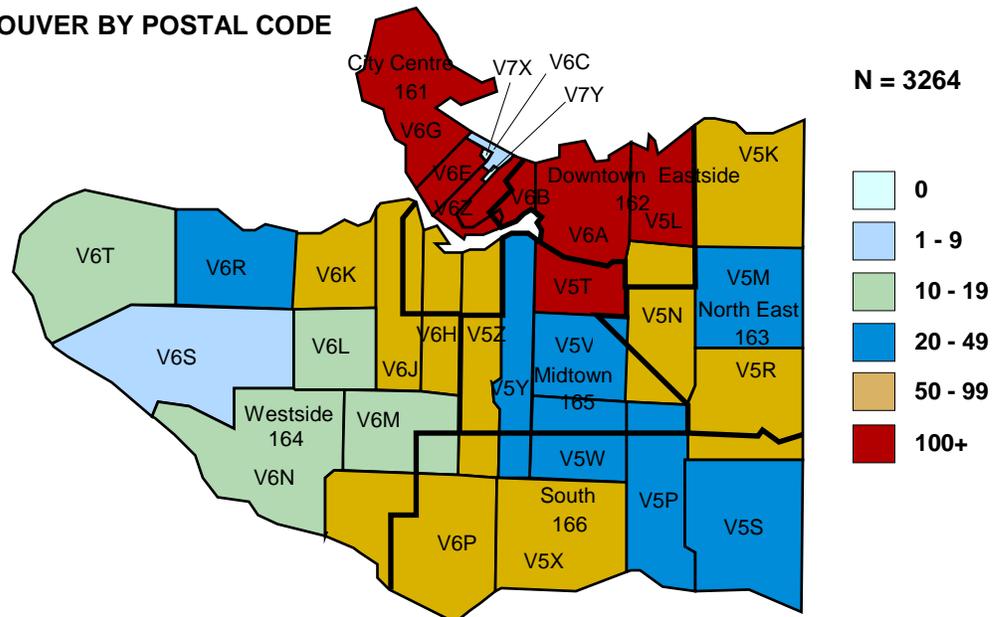


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2022

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



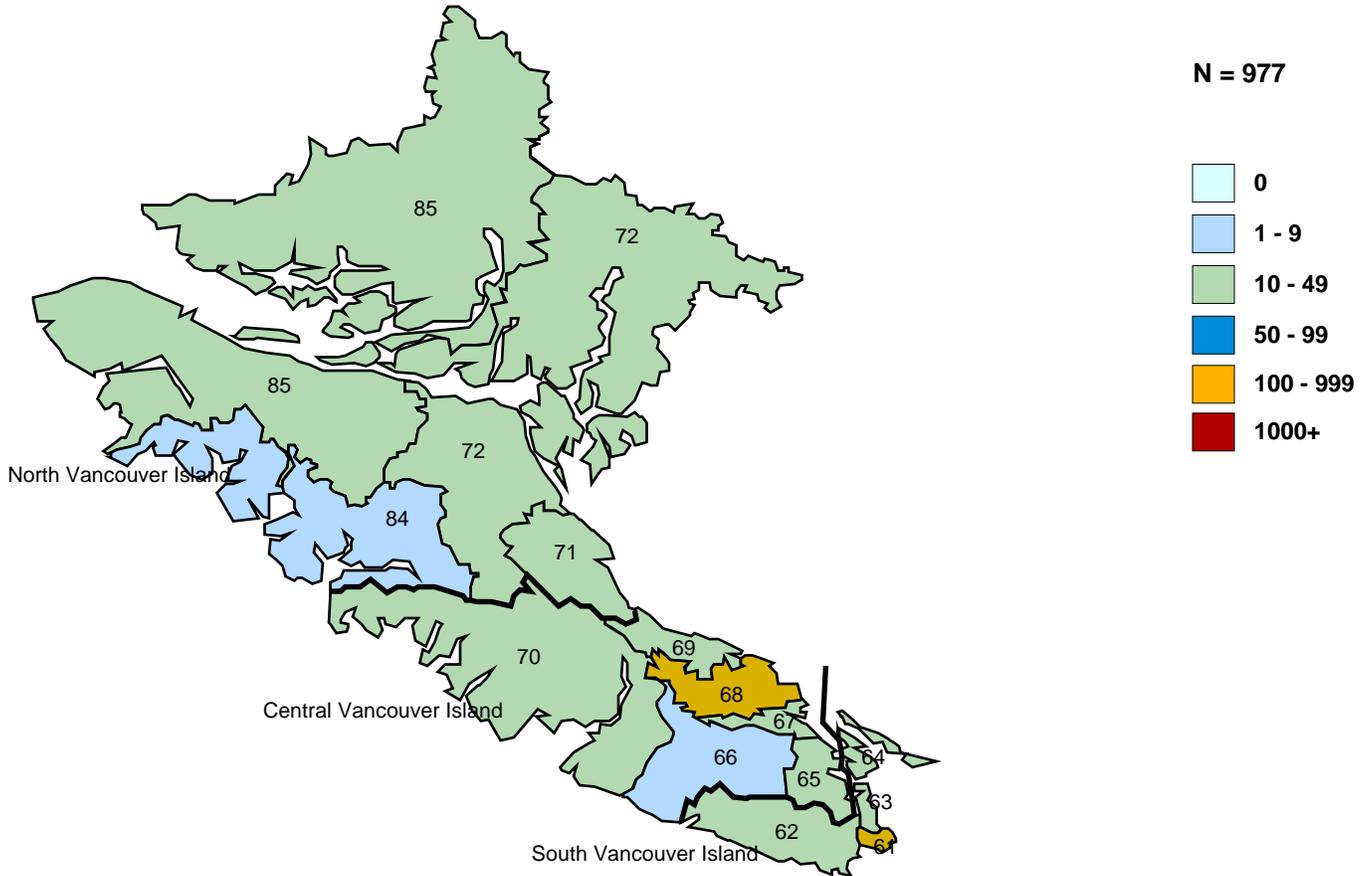
VANCOUVER BY POSTAL CODE



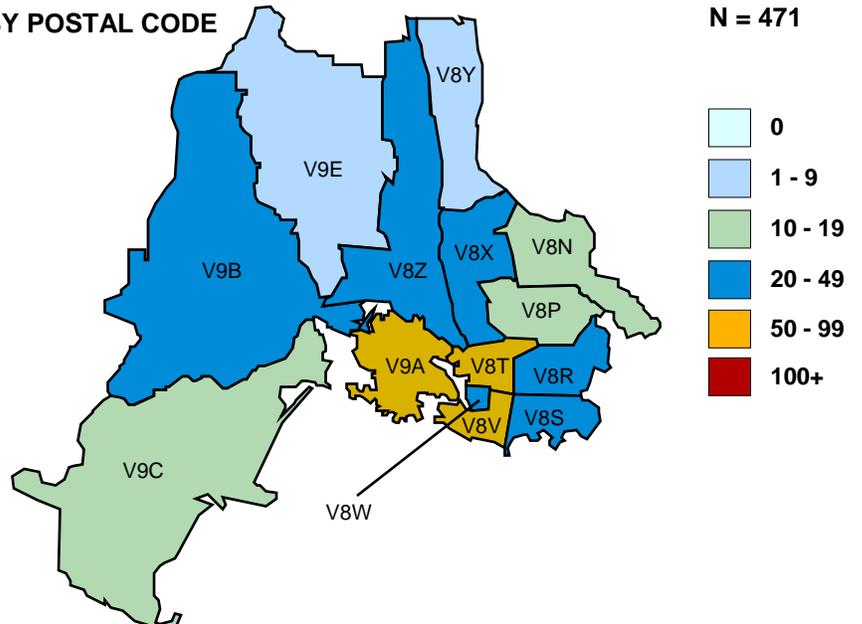


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2022

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



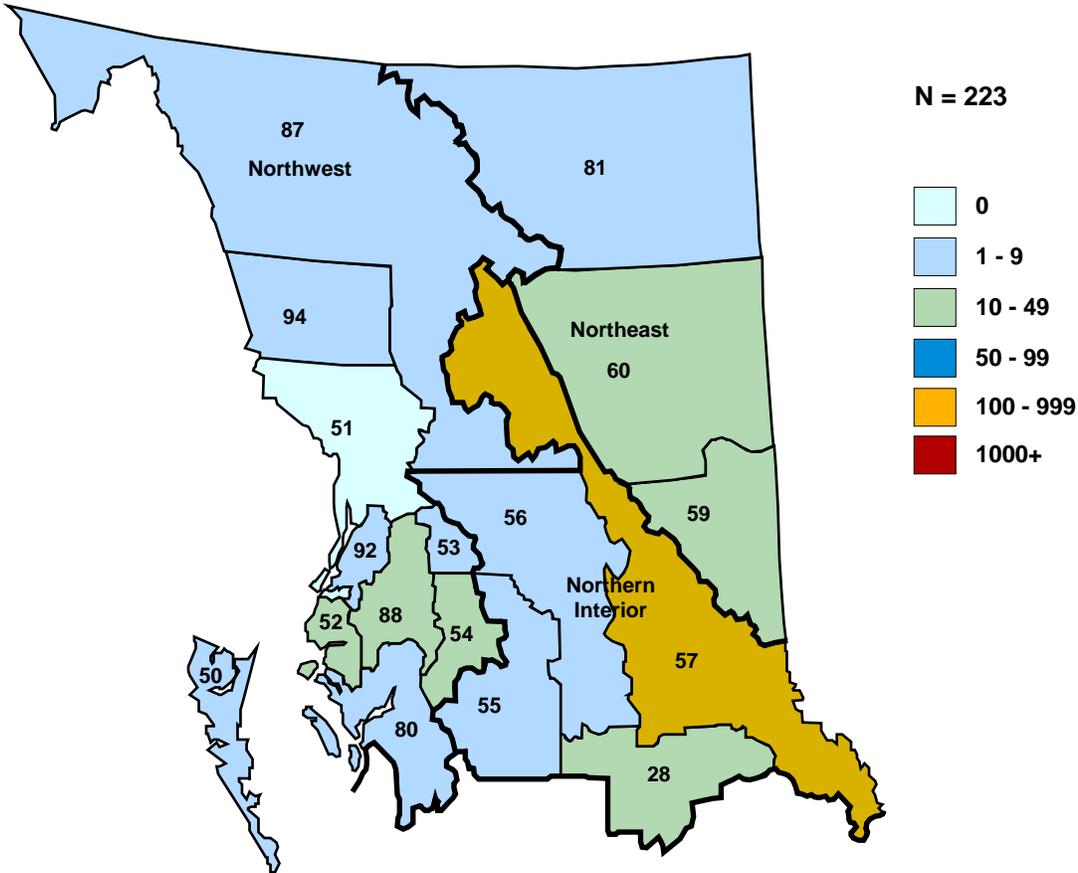
VICTORIA BY POSTAL CODE



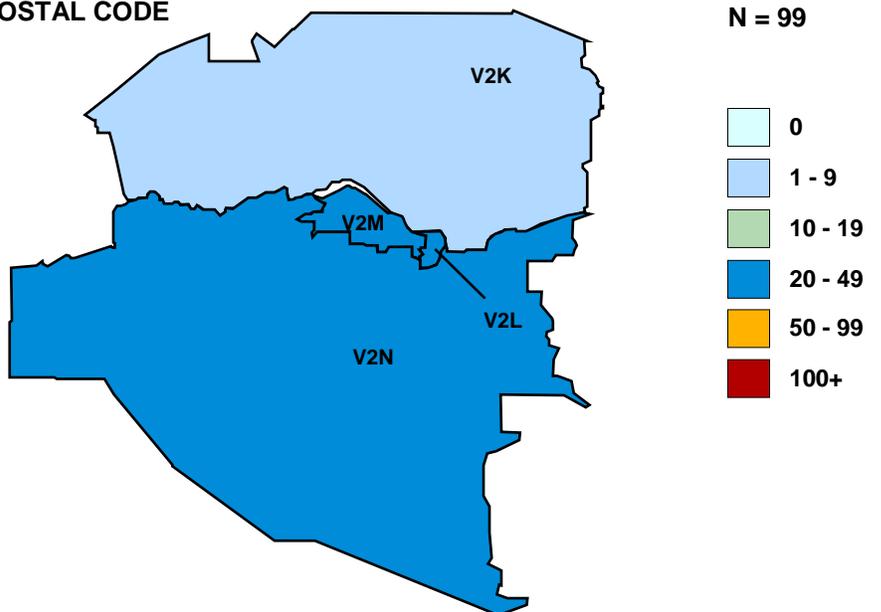


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant
Nov-2022

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:	45	61	25
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	77	104	57	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HSDA:	426	578	325	
THOMPSON/CARIBOO/ SHUSWAP	20-34	24	24	16
	35-49	61	65	40
	50+	133	208	107
Total HSDA:	218	297	163	
Total HA:		766	1040	570

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		766	1040	570

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	157	215	115
Male	609	825	455

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	570	56	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	23	12
	5 years or more	12	7
	<5 years	10	6
	Total HSDA:	45	25
KOOTENAY BOUNDARY	10 years or more	47	29
	5 years or more	15	13
	<5 years	15	15
	Total HSDA:	77	57
OKANAGAN	10 years or more	274	204
	5 years or more	83	61
	<5 years	69	60
	Total HSDA:	426	325
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	139	108
	5 years or more	45	31
	<5 years	34	24
	Total HSDA:	218	163
Total HA:		766	570

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	483	353
	5 years or more	155	112
	<5 years	128	105
Total HA:		766	570

* 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	22	47
OKANAGAN	235	1053	51	340
THOMPSON/CARIBOO/SHUSWAP	149	556	35	137
Total:	512	1815	119	544

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	5
KOOTENAY BOUNDARY	12
OKANAGAN	58
THOMPSON/CARIBOO/SHUSWAP	40
Total:	115

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

Definitions:

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

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





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

HSDA	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
FRASER EAST	0-19	7	7	7
	20-34	36	38	29
	35-49	97	101	64
	50+	255	354	186
	Total HSDA:	395	500	286
FRASER NORTH	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:	1134	1532	858
FRASER SOUTH	0-19	8	8	8
	20-34	101	103	74
	35-49	296	325	227
	50+	619	936	509
	Total HSDA:	1024	1372	818
Total HA:		2553	3404	1962

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	16	16	16
	20-34	257	261	180
	35-49	759	818	579
	50+	1521	2309	1187
Total HA:		2553	3404	1962

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	618	788	462
Male	1935	2616	1500

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	1962	53	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)





**4.5 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	190
	5 years or more	71	43
	<5 years	68	53
	Total HSDA:	395	286
FRASER NORTH	10 years or more	716	518
	5 years or more	231	186
	<5 years	187	154
	Total HSDA:	1134	858
FRASER SOUTH	10 years or more	638	498
	5 years or more	220	176
	<5 years	166	144
	Total HSDA:	1024	818
Total HA:		2553	1962

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1610	1206
	5 years or more	522	405
	<5 years	421	351
Total HA:		2553	1962

* 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	528	29	59
FRASER NORTH	259	1605	39	216
FRASER SOUTH	227	1771	49	488
Total:	630	3904	117	763

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	193
FRASER NORTH	704
FRASER SOUTH	461
Total:	1358

* 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:		354	521
RICHMOND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	Total HSDA:		197	254
VANCOUVER	0-19	12	12	10
	20-34	443	459	299
	35-49	1250	1392	882
	50+	2976	5264	2137
	Total HSDA:	4681	7127	3328
Total HA:		5232	7902	3763

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	14	14	12
	20-34	501	518	332
	35-49	1376	1527	979
	50+	3341	5843	2440
Total HA:		5232	7902	3763

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	604	963	444
Male	4626	6937	3319
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	3763	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	243	189
	5 years or more	54	48
	<5 years	57	43
	Total HSDA:	354	280
RICHMOND	10 years or more	120	90
	5 years or more	33	26
	<5 years	44	39
	Total HSDA:	197	155
VANCOUVER	10 years or more	3218	2216
	5 years or more	846	625
	<5 years	617	487
	Total HSDA:	4681	3328
Total HA:		5232	3763

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	3581	2495
5 years or more	933	699
<5 years	718	569
Total HA:	5232	3763

* 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	188	417	43	63
RICHMOND	45	310	9	93
VANCOUVER	672	11460	209	5397
Total:	905	12187	261	5553

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
Total:	77

* 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:		357	518
NORTH VANCOUVER ISLAND	0-19	*	*	0
	20-34	*	*	8
	35-49	*	*	20
	50+	*	*	69
	Total HSDA:		126	176
SOUTH VANCOUVER ISLAND	20-34	75	81	52
	35-49	190	216	143
	50+	529	845	400
	Total HSDA:	794	1142	595
Total HA:		1277	1836	977

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
Total HA:		1277	1836	977

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	218	317	161
Male	1059	1519	816

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	213	173
	5 years or more	83	59
	<5 years	61	53
	Total HSDA:	357	285
NORTH VANCOUVER ISLAND	10 years or more	85	67
	5 years or more	29	19
	<5 years	12	11
	Total HSDA:	126	97
SOUTH VANCOUVER ISLAND	10 years or more	478	337
	5 years or more	166	131
	<5 years	150	127
	Total HSDA:	794	595
Total HA:		1277	977

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	776	577
	5 years or more	278	209
	<5 years	223	191
Total HA:		1277	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	203	922	73	171
NORTH VANCOUVER ISLAND	156	278	37	68
SOUTH VANCOUVER ISLAND	220	1921	35	580
Total:	579	3121	145	819

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	106
NORTH VANCOUVER ISLAND	42
SOUTH VANCOUVER ISLAND	126
Total:	274

* 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	12
	50+	27	35	13
	Total HSDA:	51	62	30
NORTH WEST	20-34	*	6	*
	35-49	*	38	*
	50+	*	75	*
	Total HSDA:	72	119	55
NORTHERN INTERIOR	0-19	6	6	*
	20-34	21	22	*
	35-49	57	73	*
	50+	113	192	*
	Total HSDA:	197	293	138
Total HA:		320	474	223

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	6	6	*
	20-34	33	36	*
	35-49	97	130	*
	50+	184	302	*
Total HA:		320	474	223

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	116	175	76
Male	204	299	147

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total HA:	223	53	560	<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	15	*
	Total HSDA:	51	30
NORTH WEST	10 years or more	51	38
	5 years or more	11	9
	<5 years	10	8
	Total HSDA:	72	55
NORTHERN INTERIOR	10 years or more	102	78
	5 years or more	59	34
	<5 years	36	26
	Total HSDA:	197	138
Total HA:		320	223

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	183	131
	5 years or more	76	47
	<5 years	61	45
Total HA:		320	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	31
NORTHERN INTERIOR	122	498	21	189
Total:	246	731	41	227

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	5
NORTH WEST	18
NORTHERN INTERIOR	12
Total:	35

* 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	30	50	*
	THOMPSON/CARIBOO/SHUSWAP	27	51	*
	Total HA:	68	121	51
FRASER	FRASER EAST	36	49	25
	FRASER NORTH	49	90	40
	FRASER SOUTH	84	119	61
	Total HA:	169	258	126
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	27	53	*
	RICHMOND	6	11	*
	VANCOUVER	467	908	*
	Total HA:	500	972	394
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	45	79	36
	NORTH VANCOUVER ISLAND	14	27	11
	SOUTH VANCOUVER ISLAND	47	94	35
	Total HA:	106	200	82
NORTHERN	NORTH EAST	9	13	5
	NORTH WEST	32	67	26
	NORTHERN INTERIOR	69	115	54
	Total HA:	110	195	85
Total:		953	1746	738

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Male	604	1121	468
Female	349	625	270

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
Total:	738	53	540	<40

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

Definitions:

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

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





5.1 Drug Names and Definitions

Abacavir: a NUCLEOSIDE ANALOG from ViiV Healthcare.

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

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

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

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

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

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

Bictegravir: an INTEGRASE INHIBITOR from Gilead Sciences.

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

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.

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

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

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

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

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

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

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

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

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

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

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

MDRT: see MULTIPLE DRUG RESCUE THERAPY

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





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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.

