



BRITISH COLUMBIA  
CENTRE *for* EXCELLENCE  
*in* HIV/AIDS

# B.C. HIV/AIDS Drug Treatment Program

Monthly Report

August 2023





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

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

### **BC Centre for Excellence in HIV/AIDS Drug Treatment Program**

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

Tel: 604.806.8515  
Fax: 604.806.9044

Physician Drug Hotline: 1.800.665.7677  
St. Paul's Hospital Pharmacy Hotline: 1.888.511.6222  
Website: [www.bccfe.ca](http://www.bccfe.ca)  
Email: [info@bccfe.ca](mailto:info@bccfe.ca)

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





## EXECUTIVE SUMMARY

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

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

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





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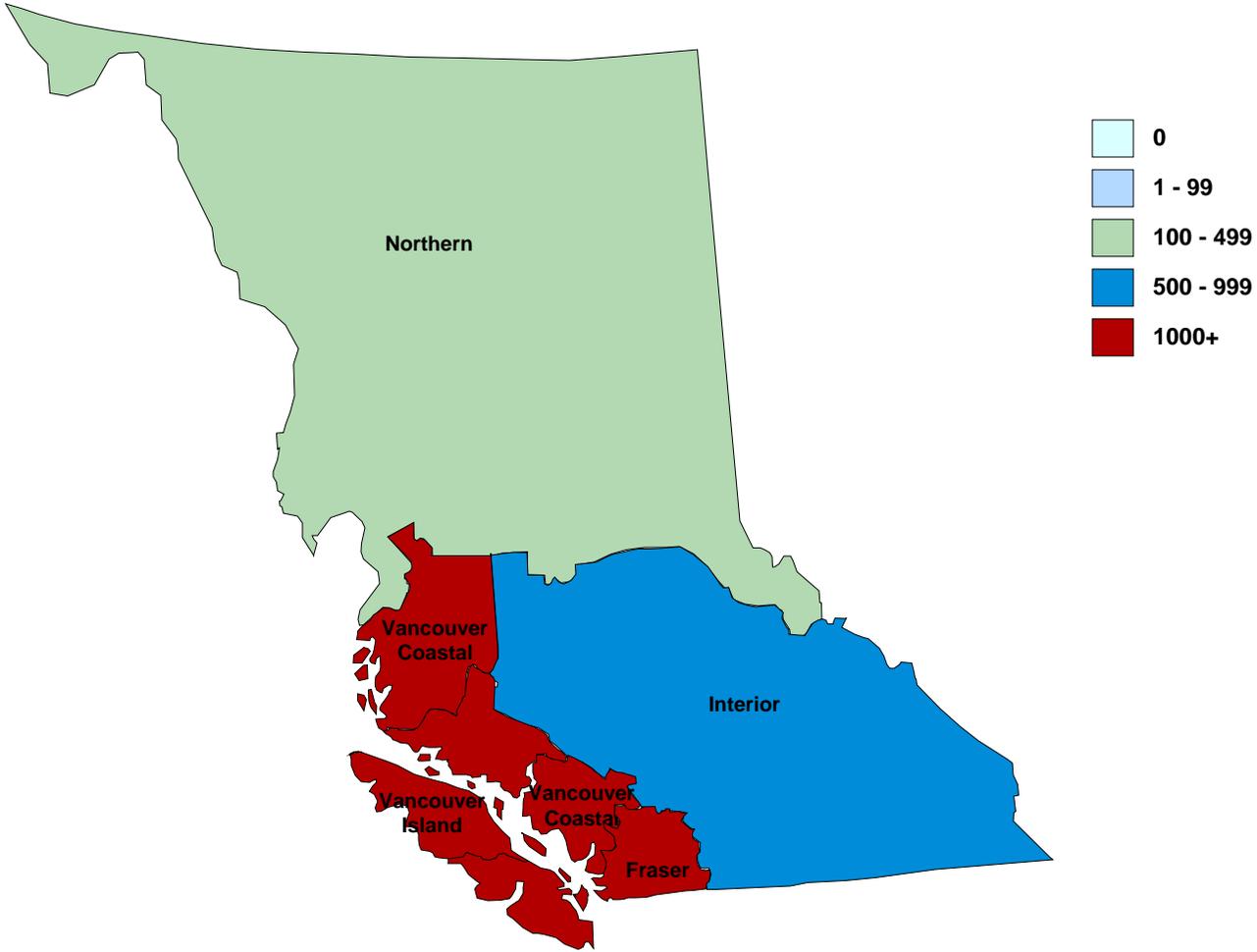




1.1 Distribution of males and females on antiretroviral therapy in British Columbia by Health Authority

August 2023

N = 7613



Health Authority	Male	Female	All
FRASER	1534	464	1998
INTERIOR	464	123	587
NORTHERN	149	78	227
VANCOUVER COASTAL	3319	452	3771
VANCOUVER ISLAND	839	163	1002
	<b>6305</b>	<b>1280</b>	<b>7585</b>
		<b>Unknown/not stated:</b>	<b>28</b>
		<b>Total:</b>	<b>7613</b>

Definitions:

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

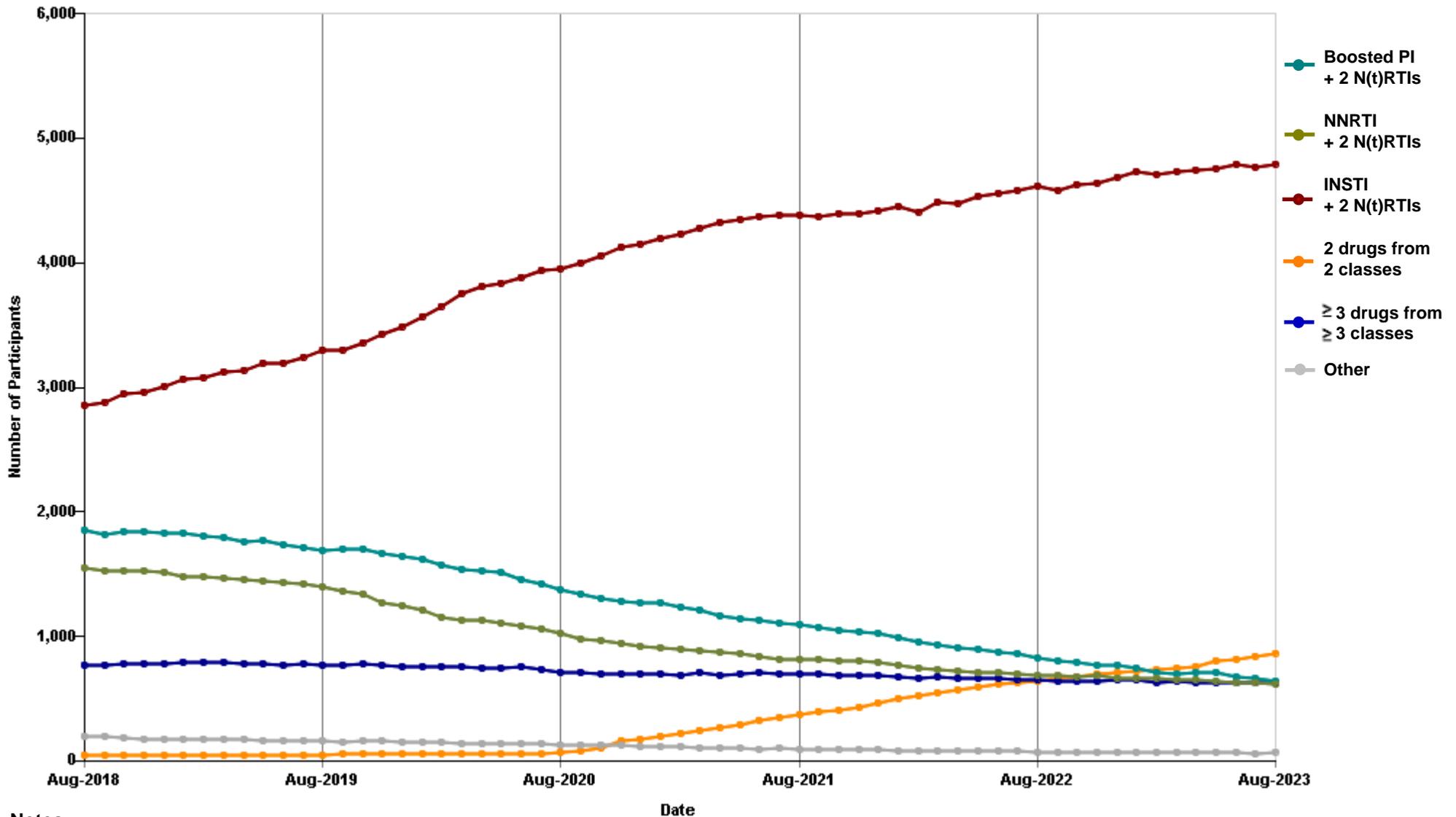
**Unknown/not stated** defined as being on treatment in the current month, and city of residence unknown

**Male & Female** refer to Sex at birth





### 1.2 Distribution of Participants in HIV/AIDS Drug Treatment Program by Regimen Category (August 2018 - August 2023)



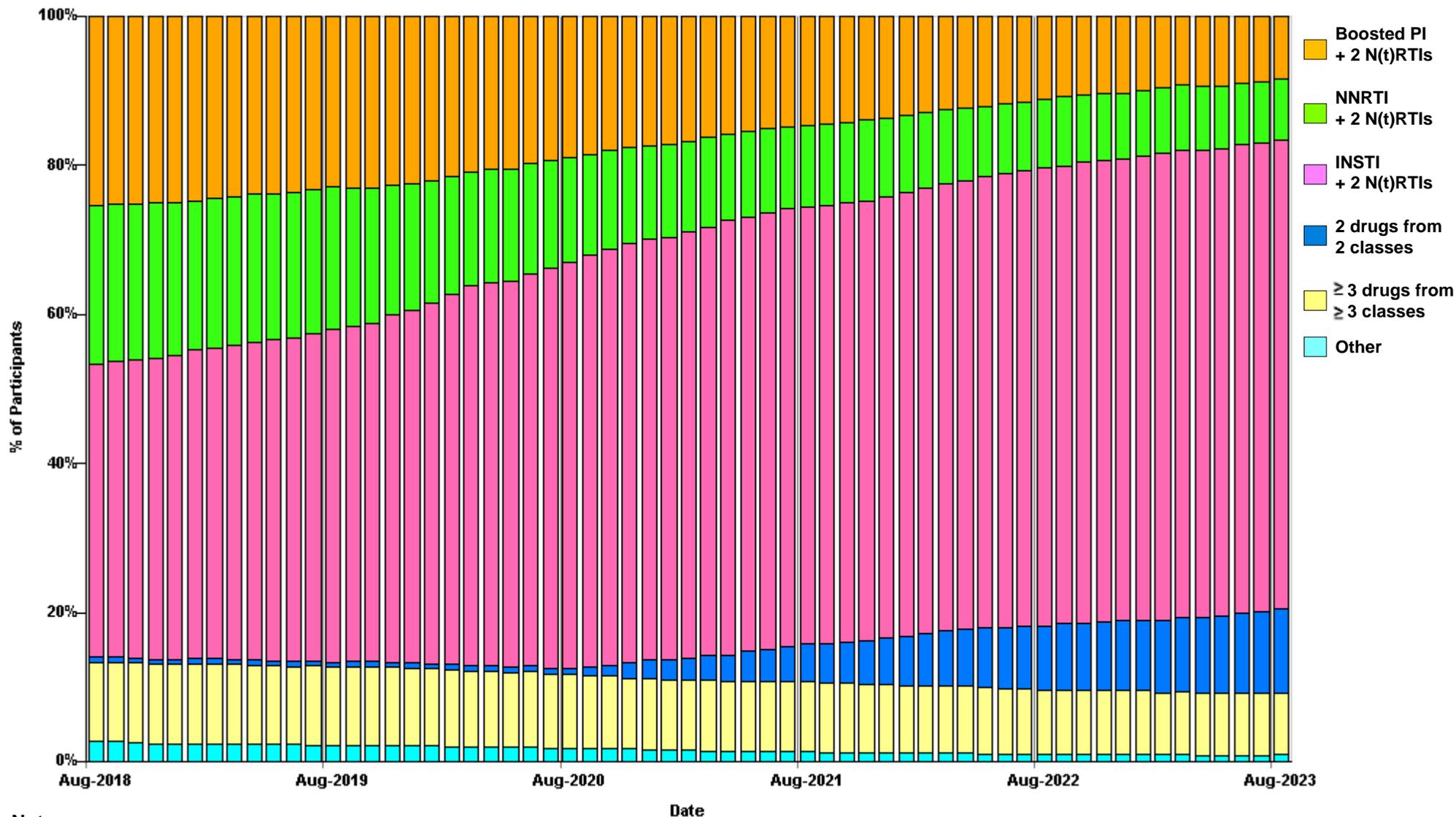
**Notes:**

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 (August 2018 - August 2023)



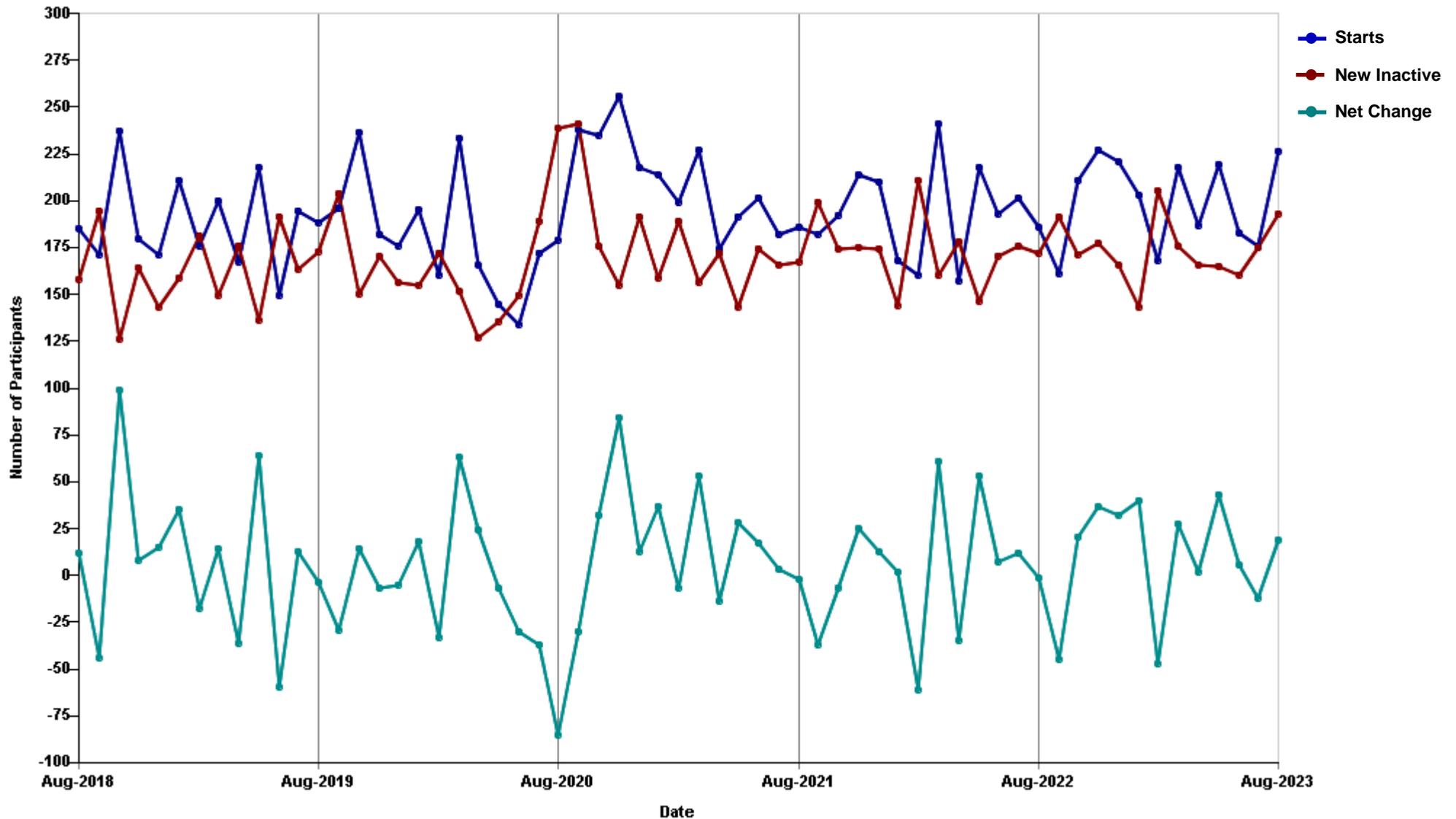
**Notes:**

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



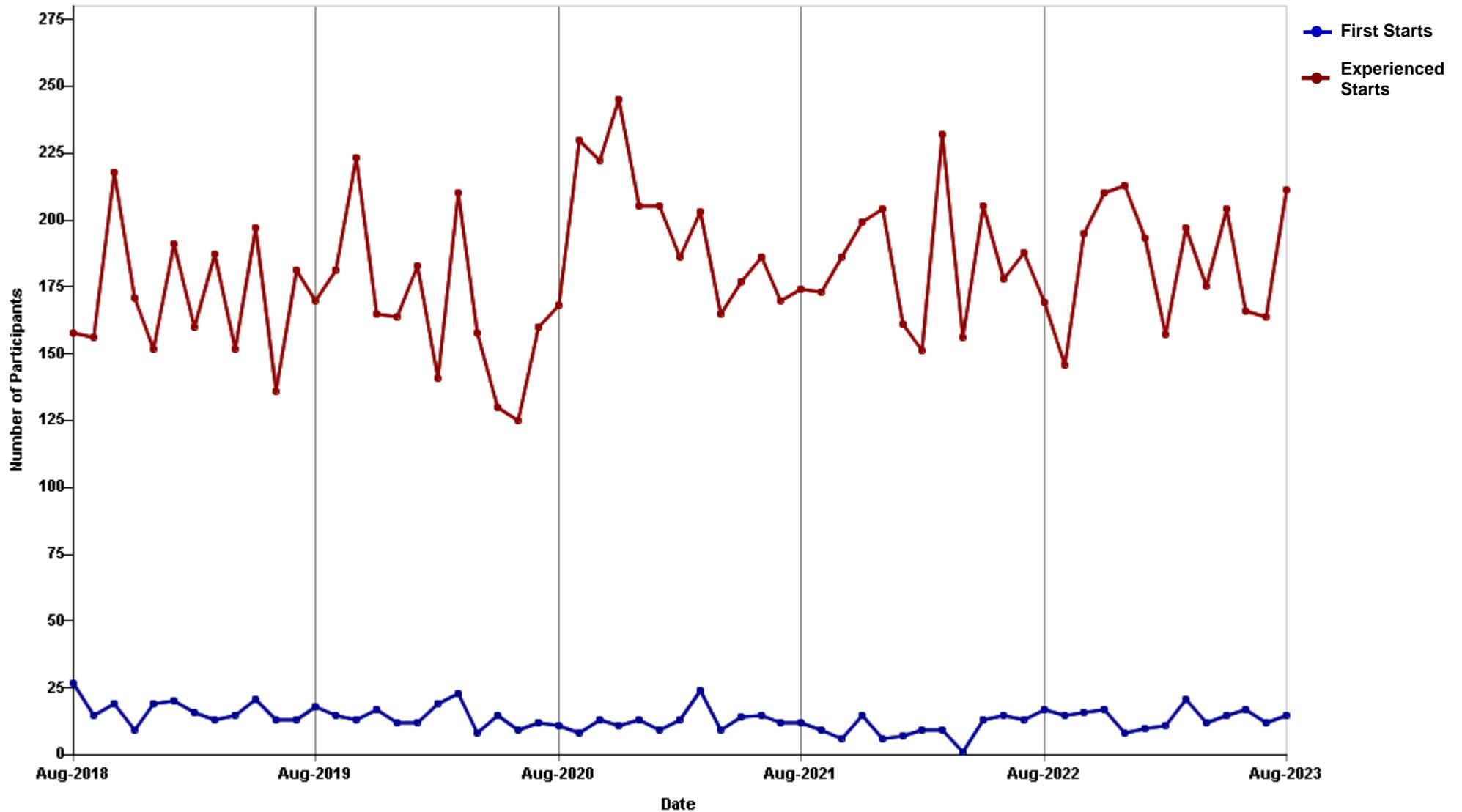


### 1.4 BC-CfE Enrolment: Net Number of New Antiretroviral Participants (August 2018 - August 2023)



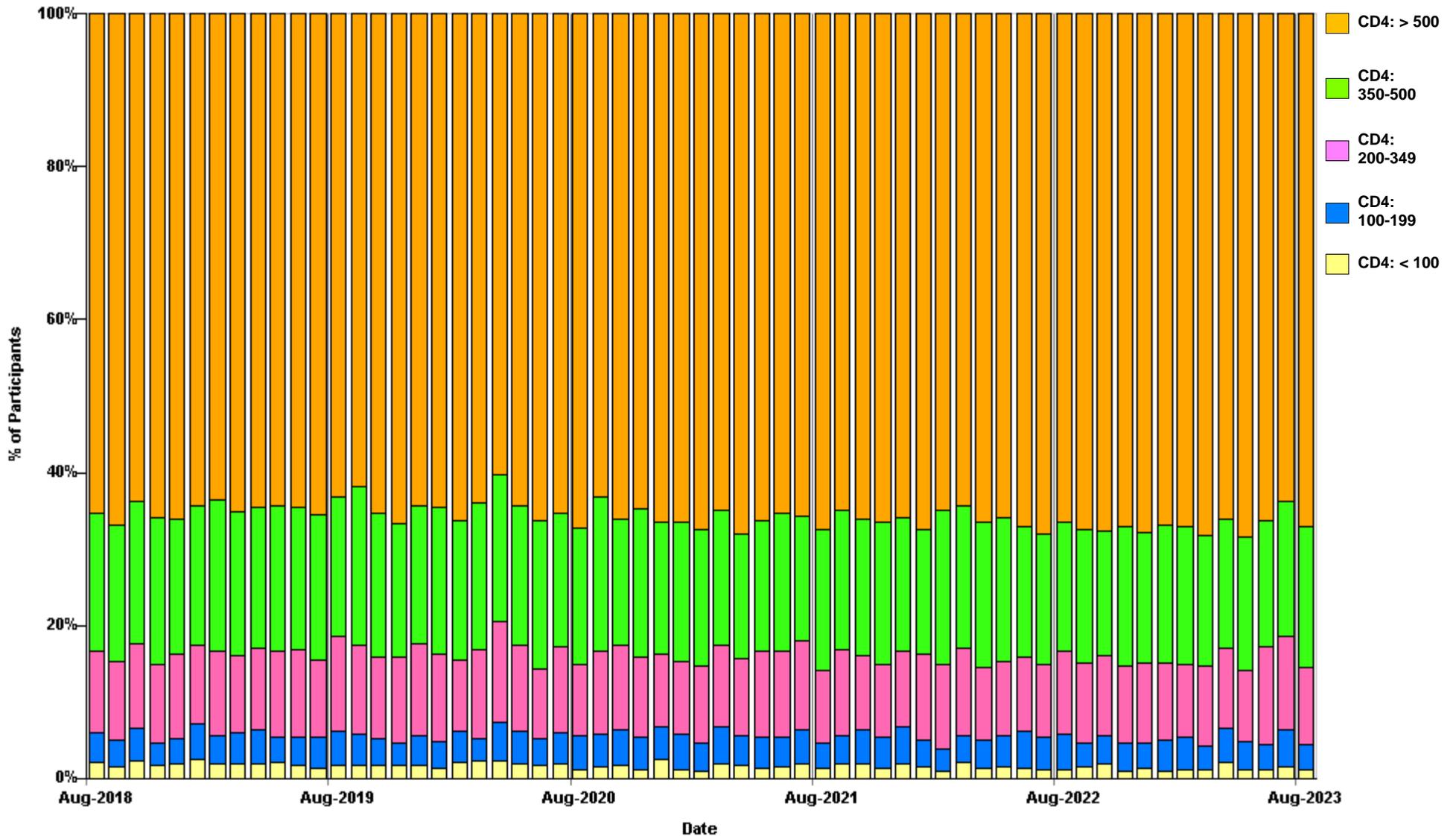


### 1.5 BC-CfE Enrolment: New Antiretroviral Participants (August 2018 - August 2023)



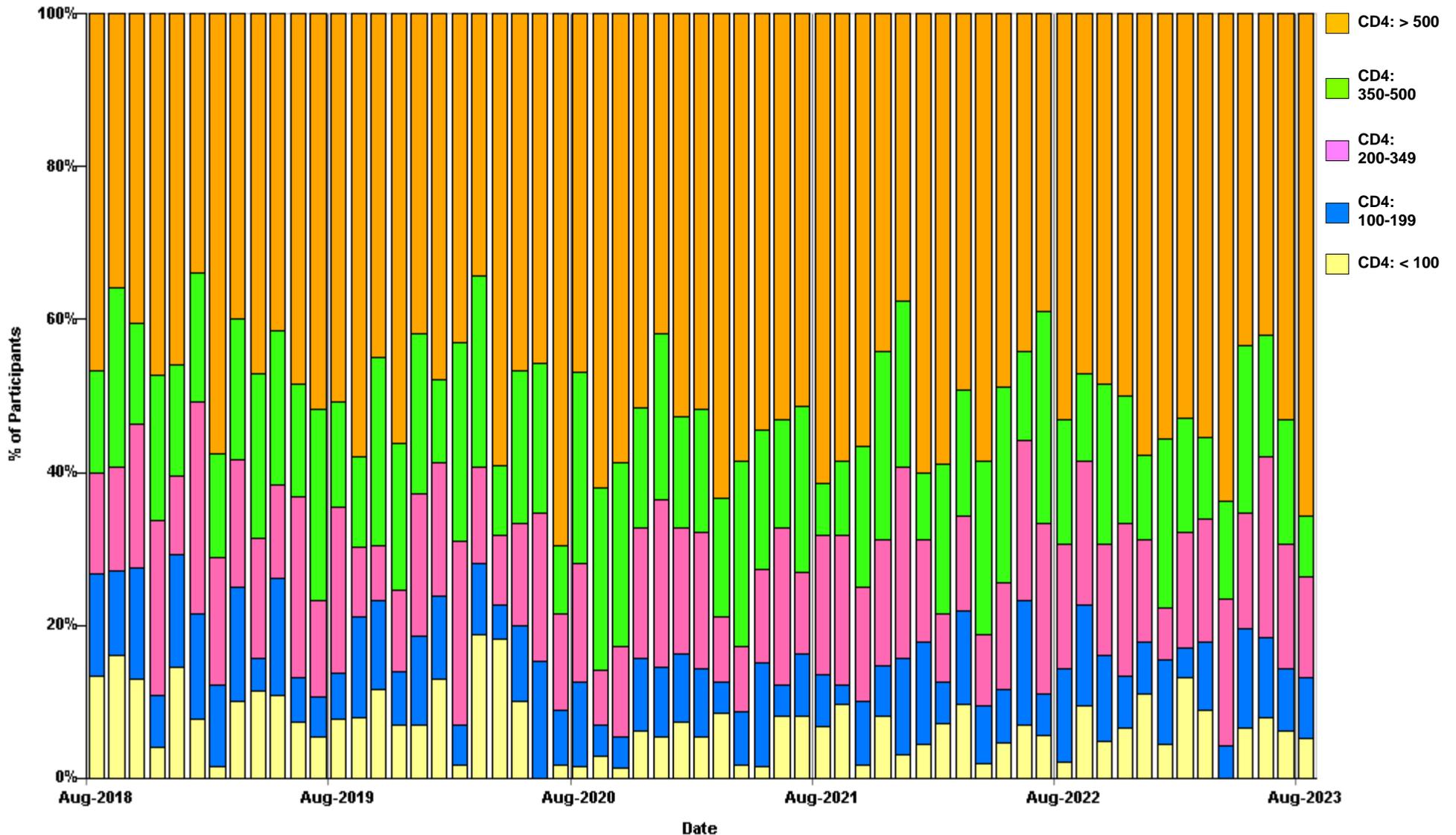


1.6 Percent Distribution of Active Participants by CD4 Count  
(August 2018 - August 2023)



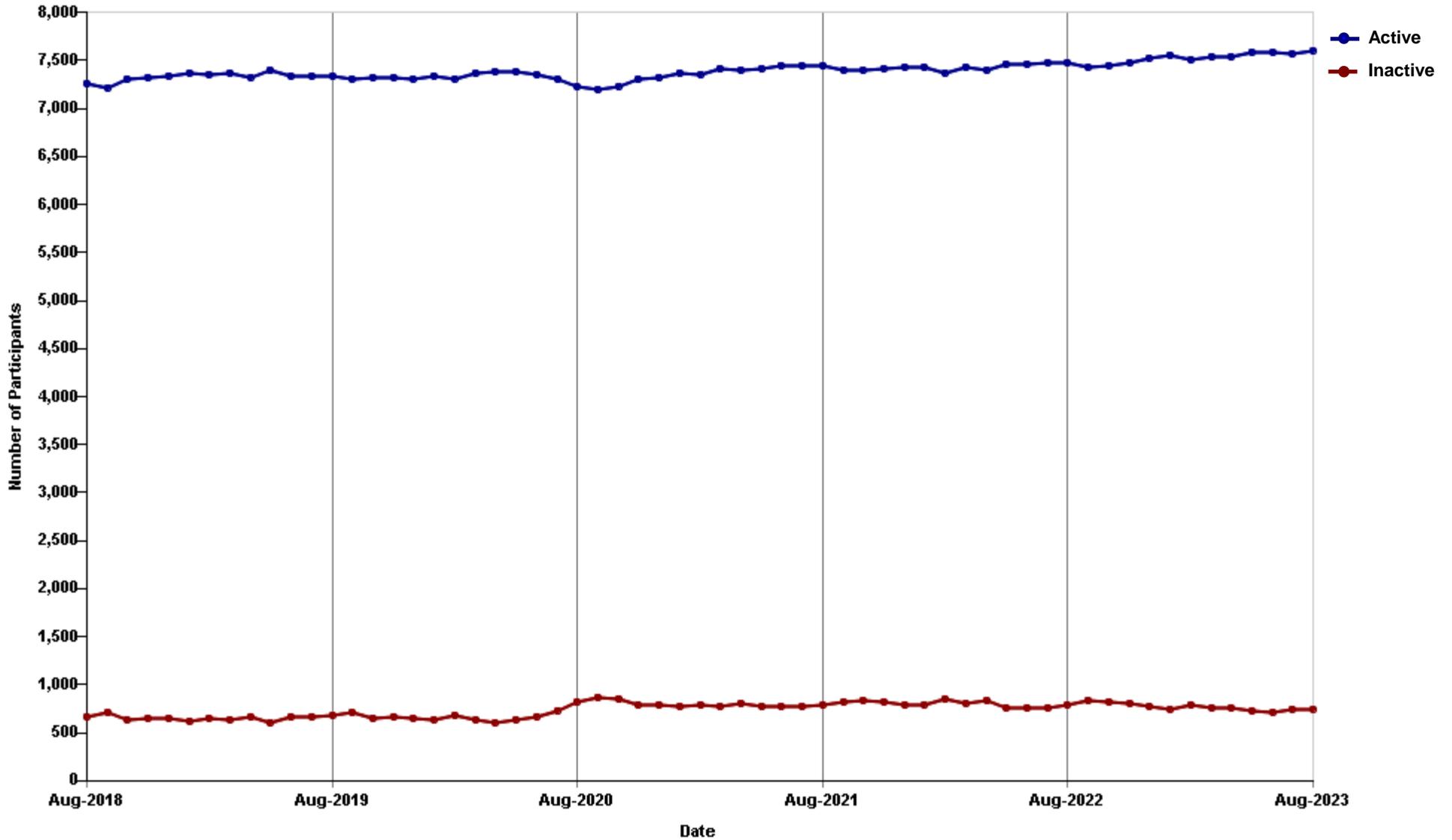


### 1.7 Percent Distribution of Inactive Participants by CD4 Count (August 2018 - August 2023)



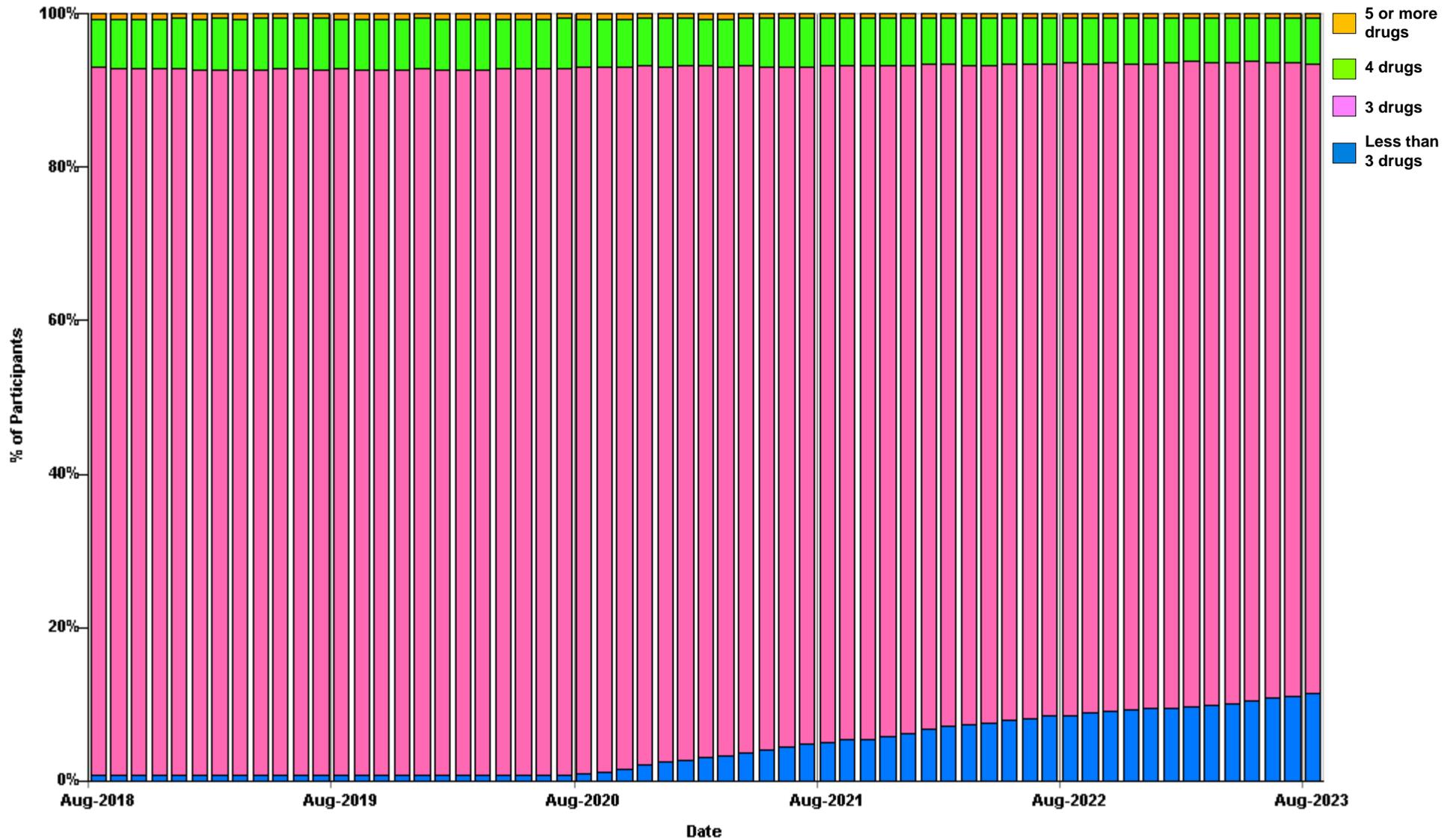


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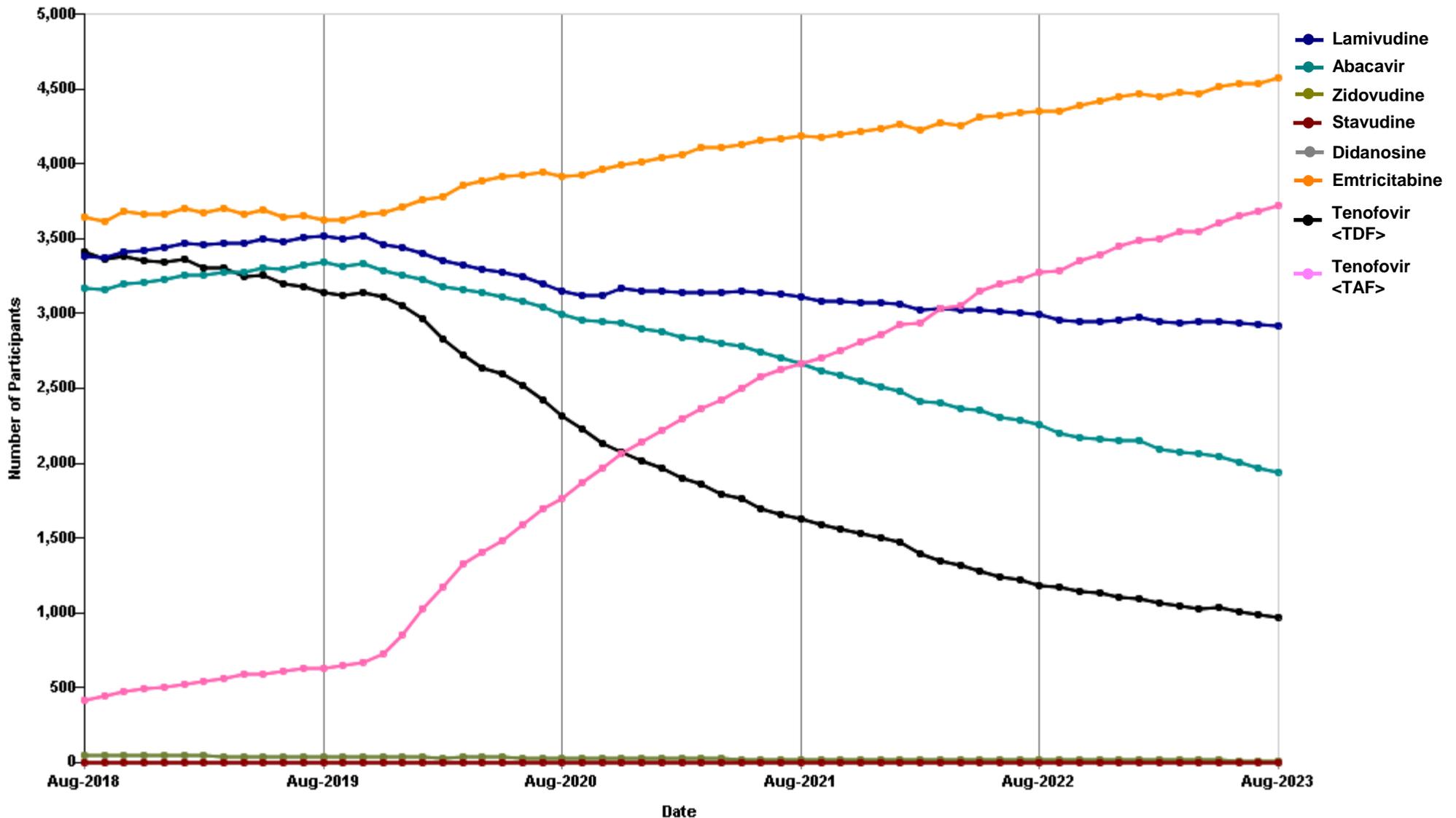


### 1.9 Percent Distribution of Participants on ARV Therapy by Number of Drugs (August 2018 - August 2023)





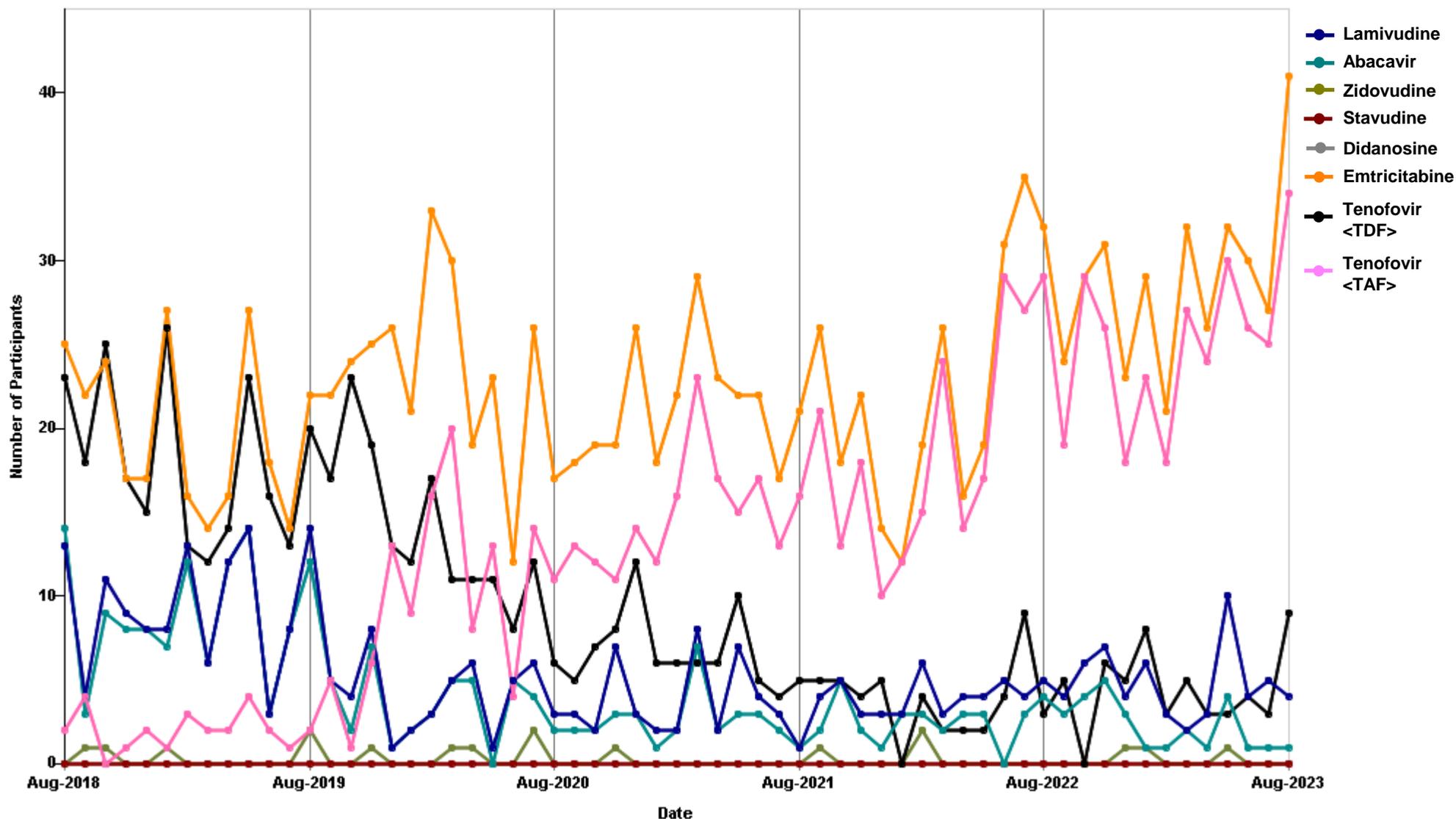
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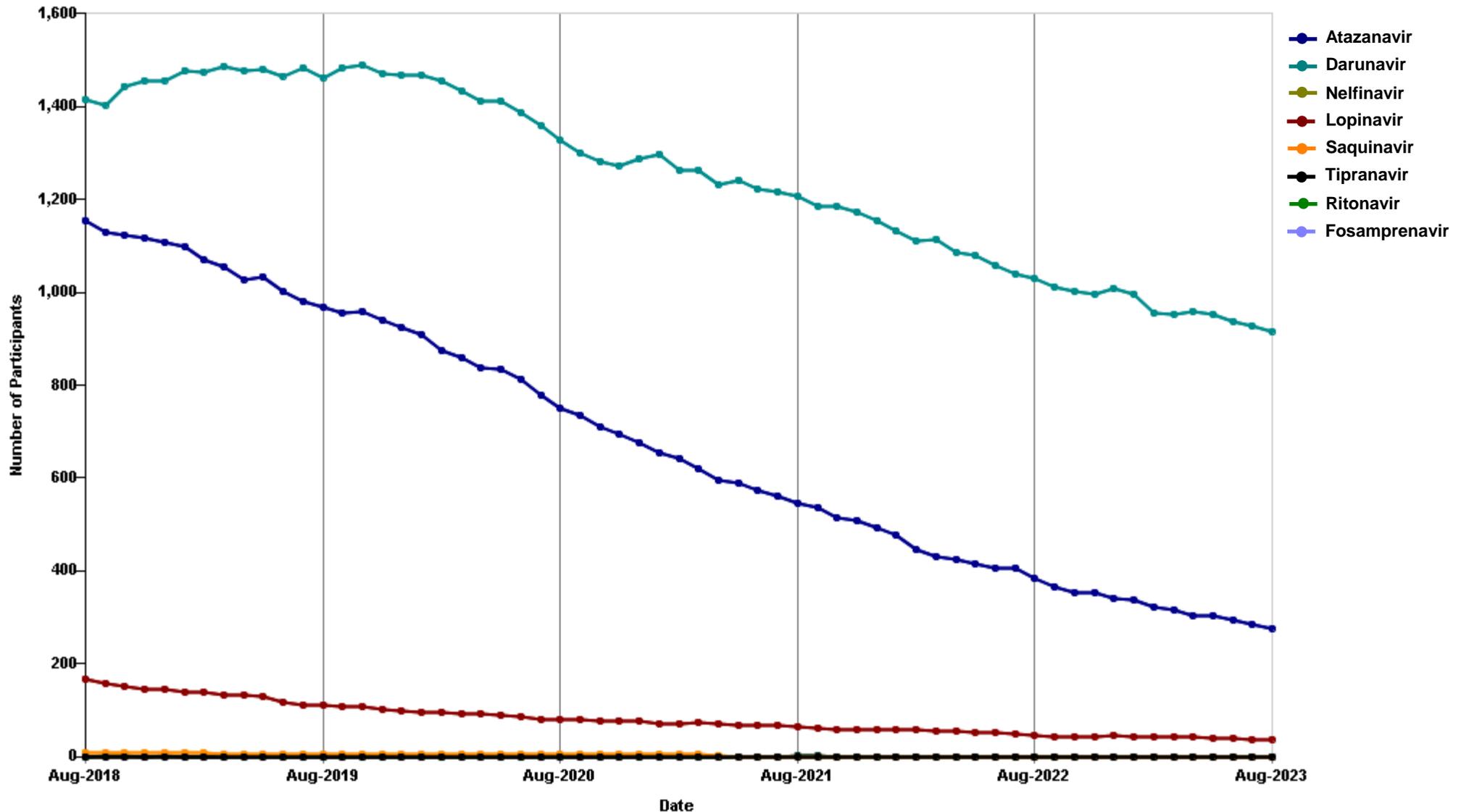
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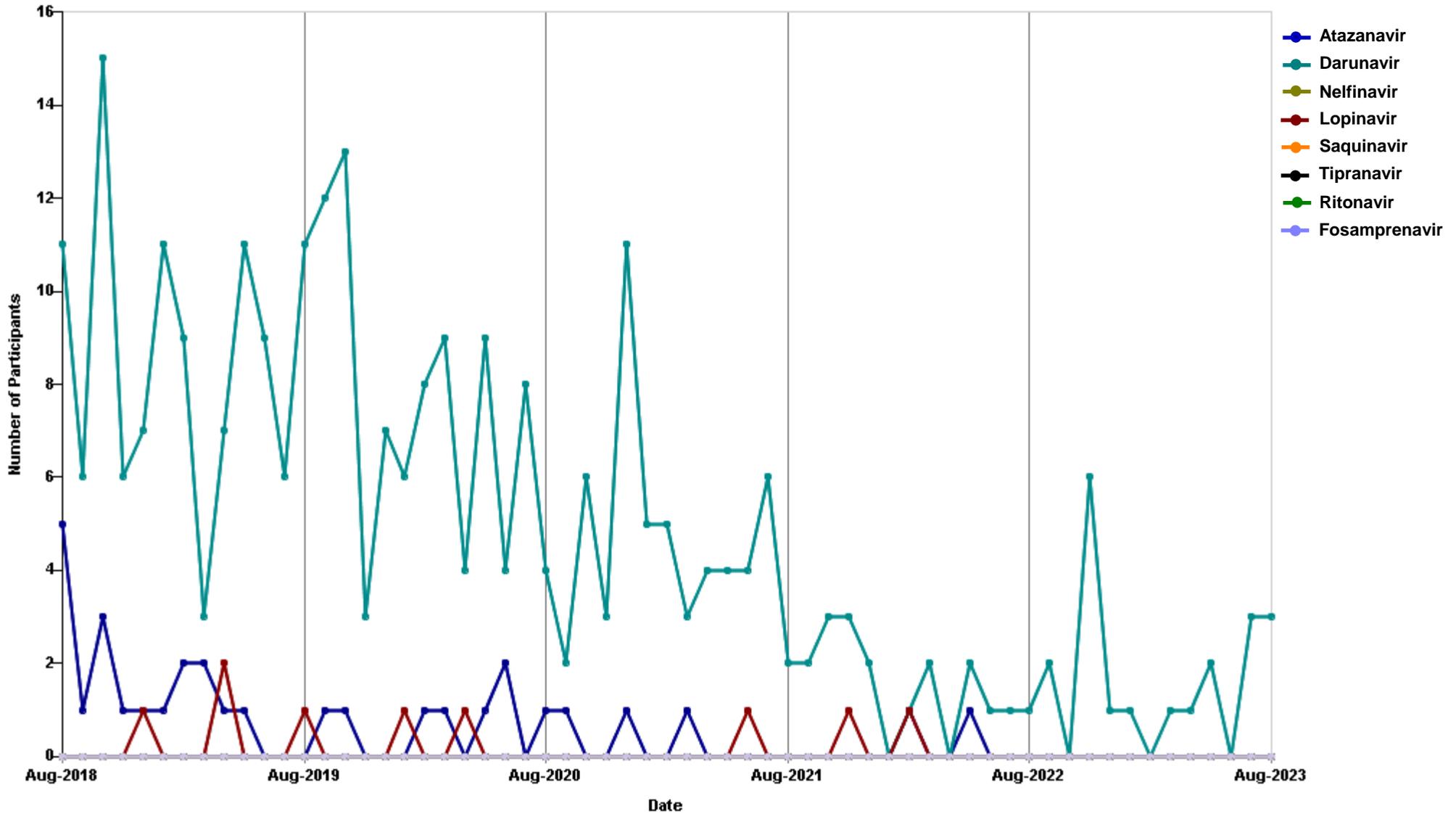
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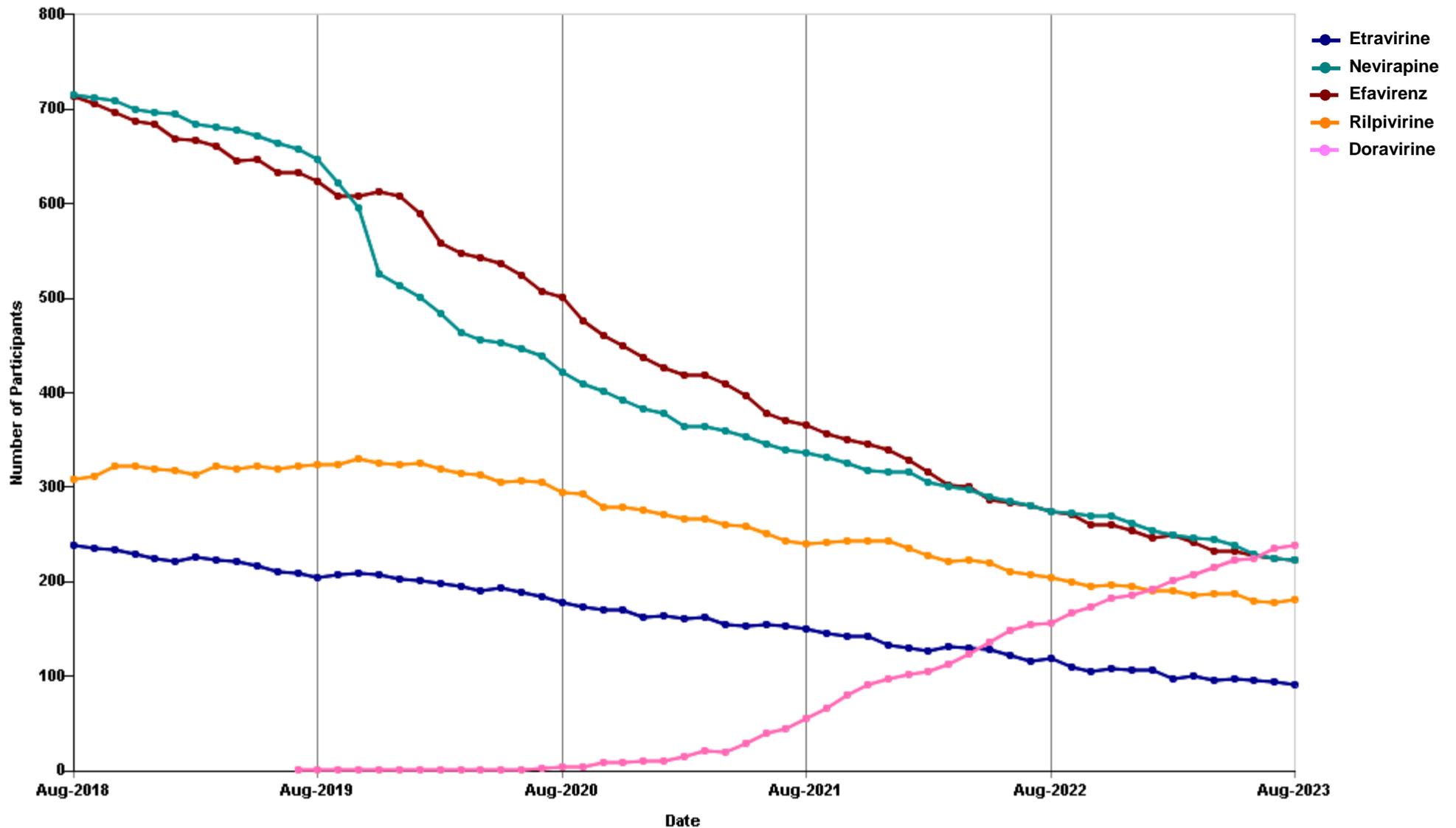
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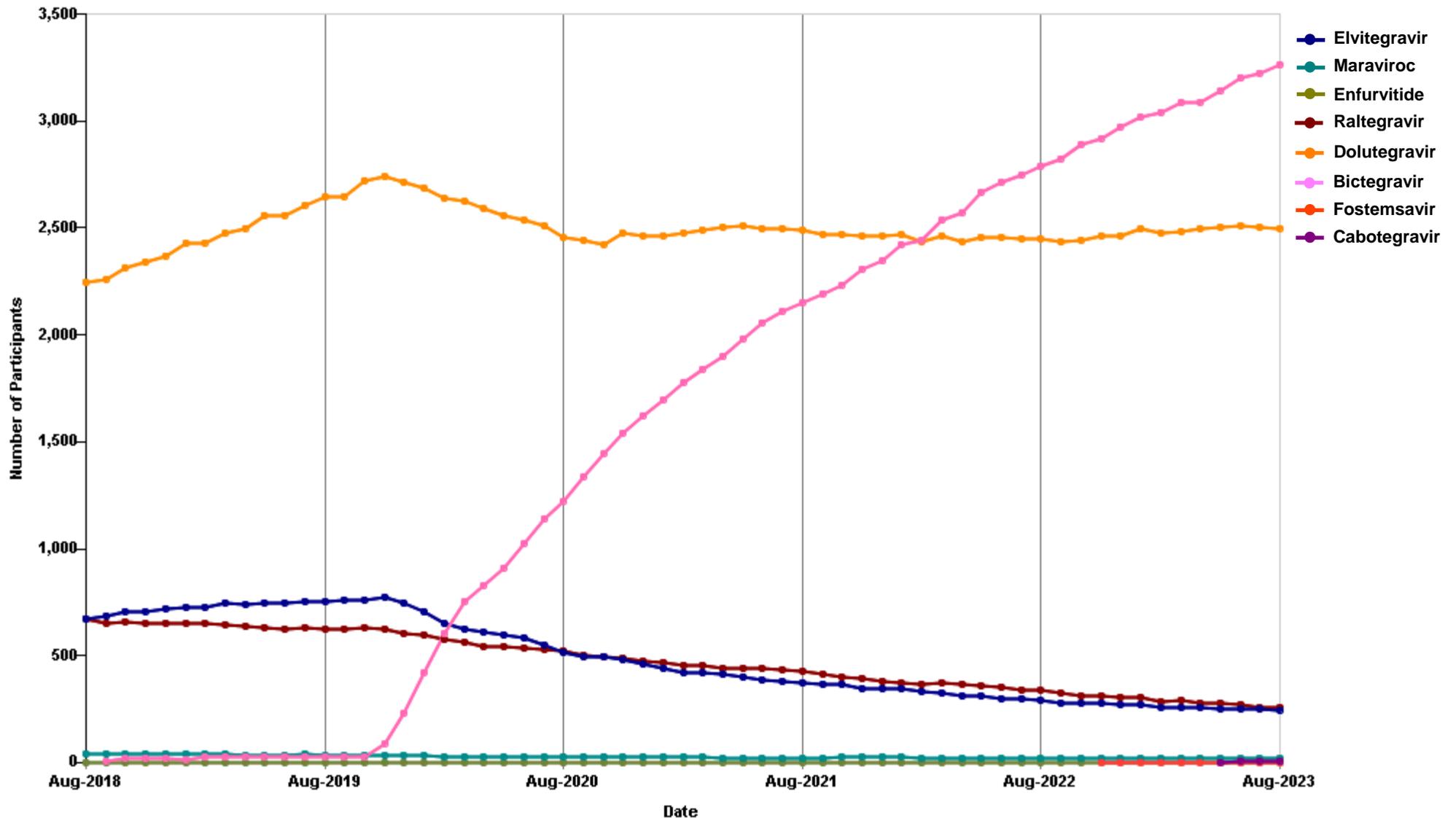
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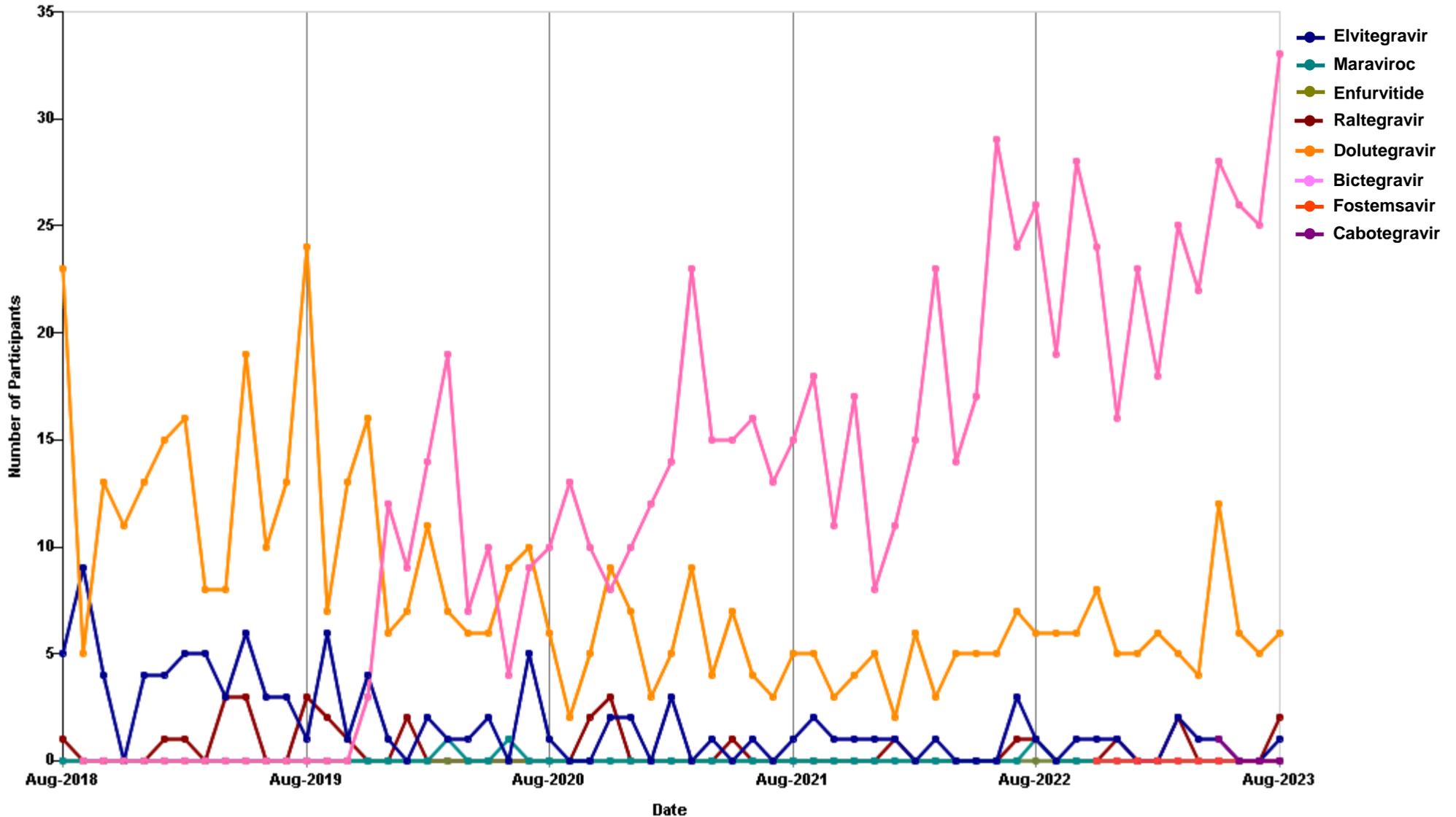
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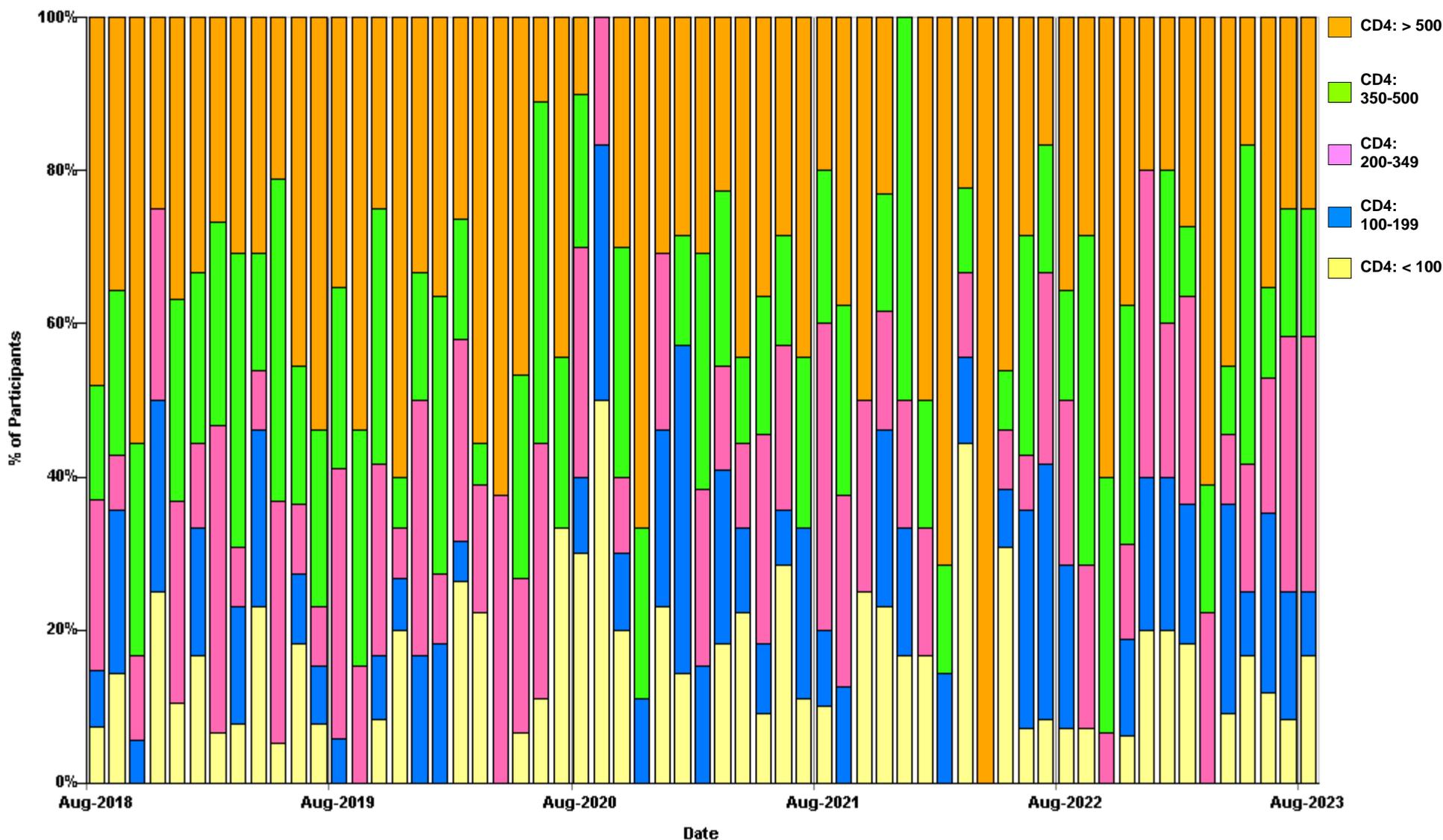
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(August 2018 - August 2023)



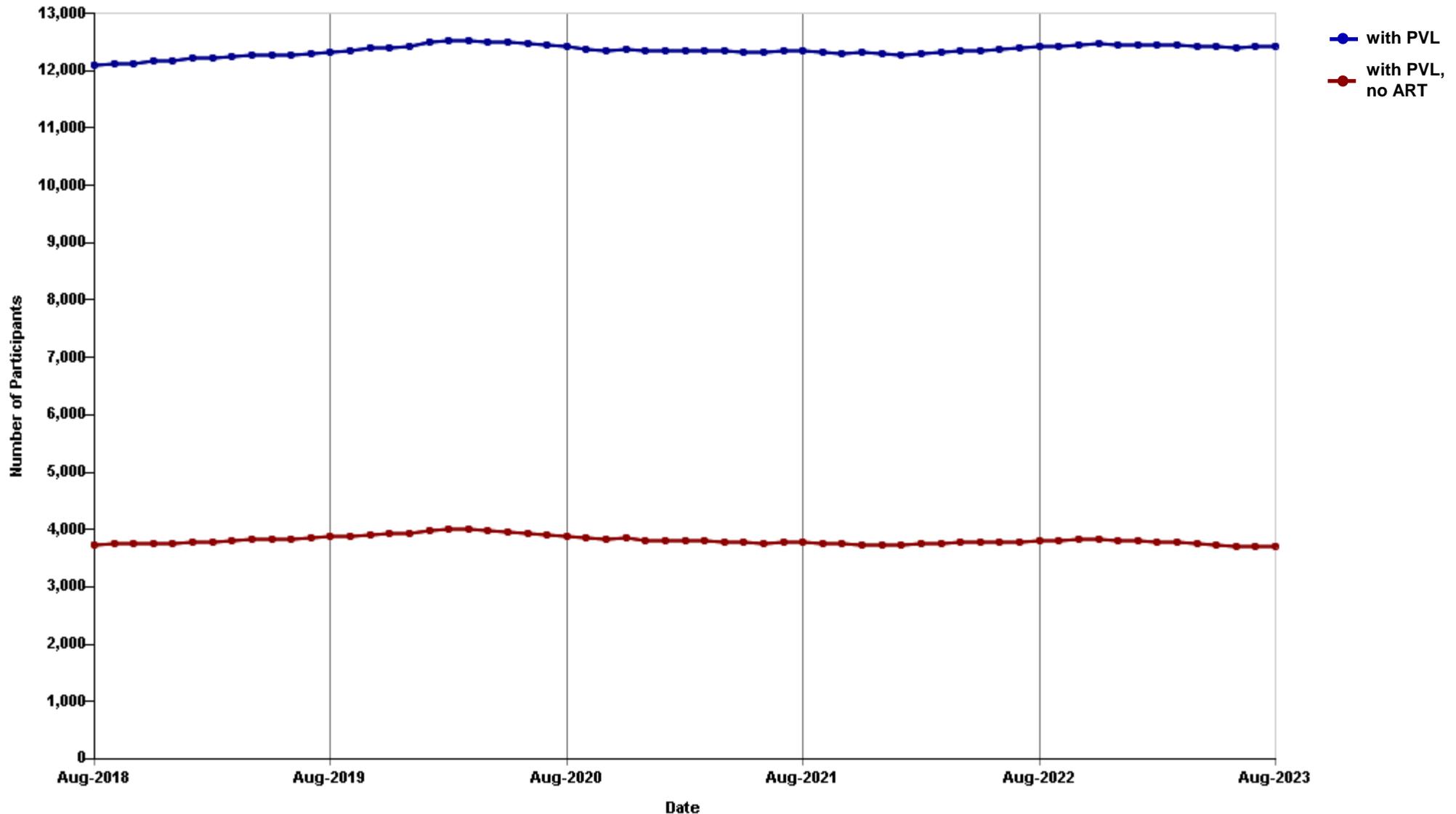


1.18 Baseline CD4 for Antiretroviral First Starts (August 2018 - August 2023)



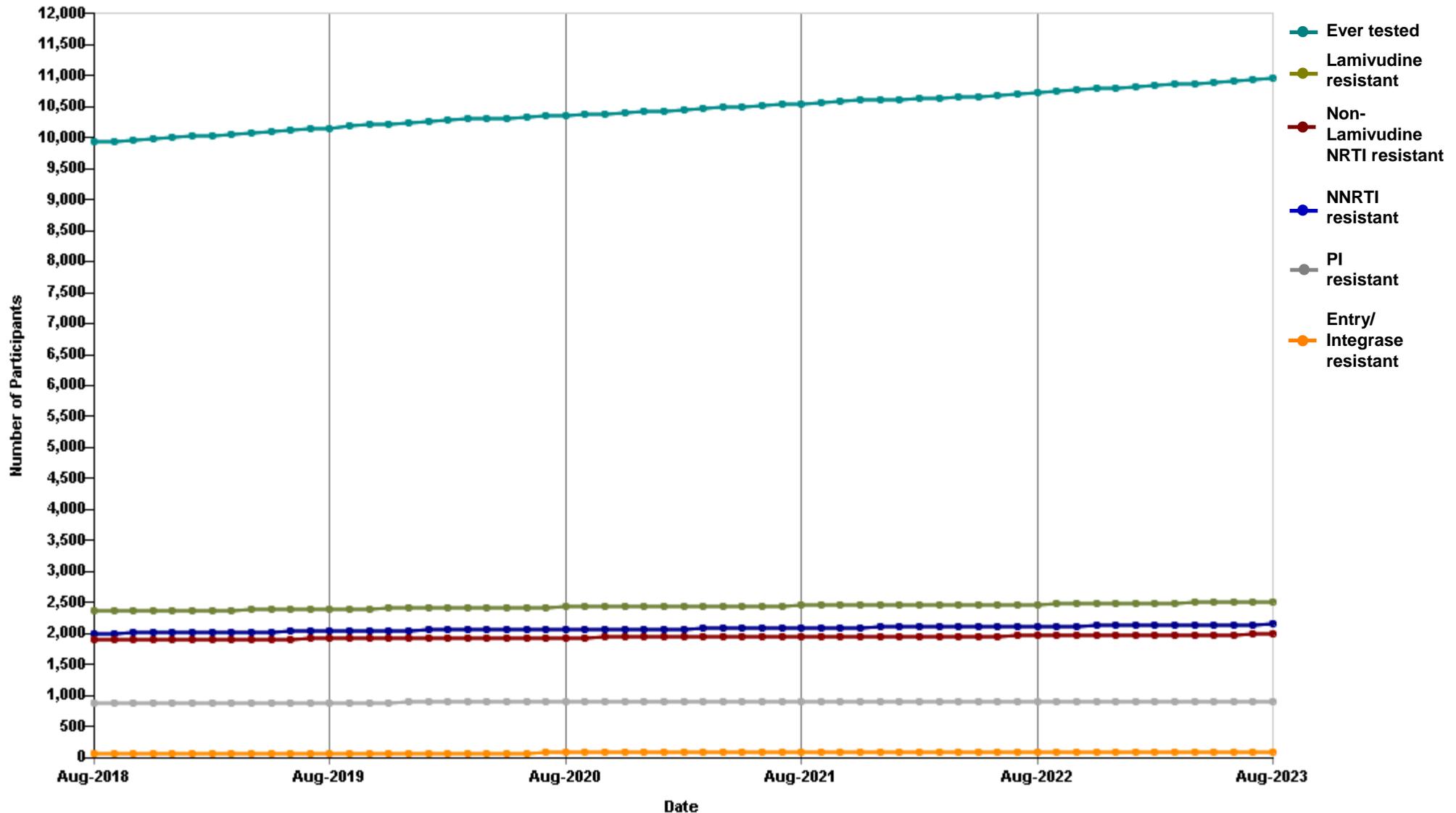


### 1.19 DTP Participants with PVL Measurement within previous five years, and never on ART (August 2018 - August 2023)



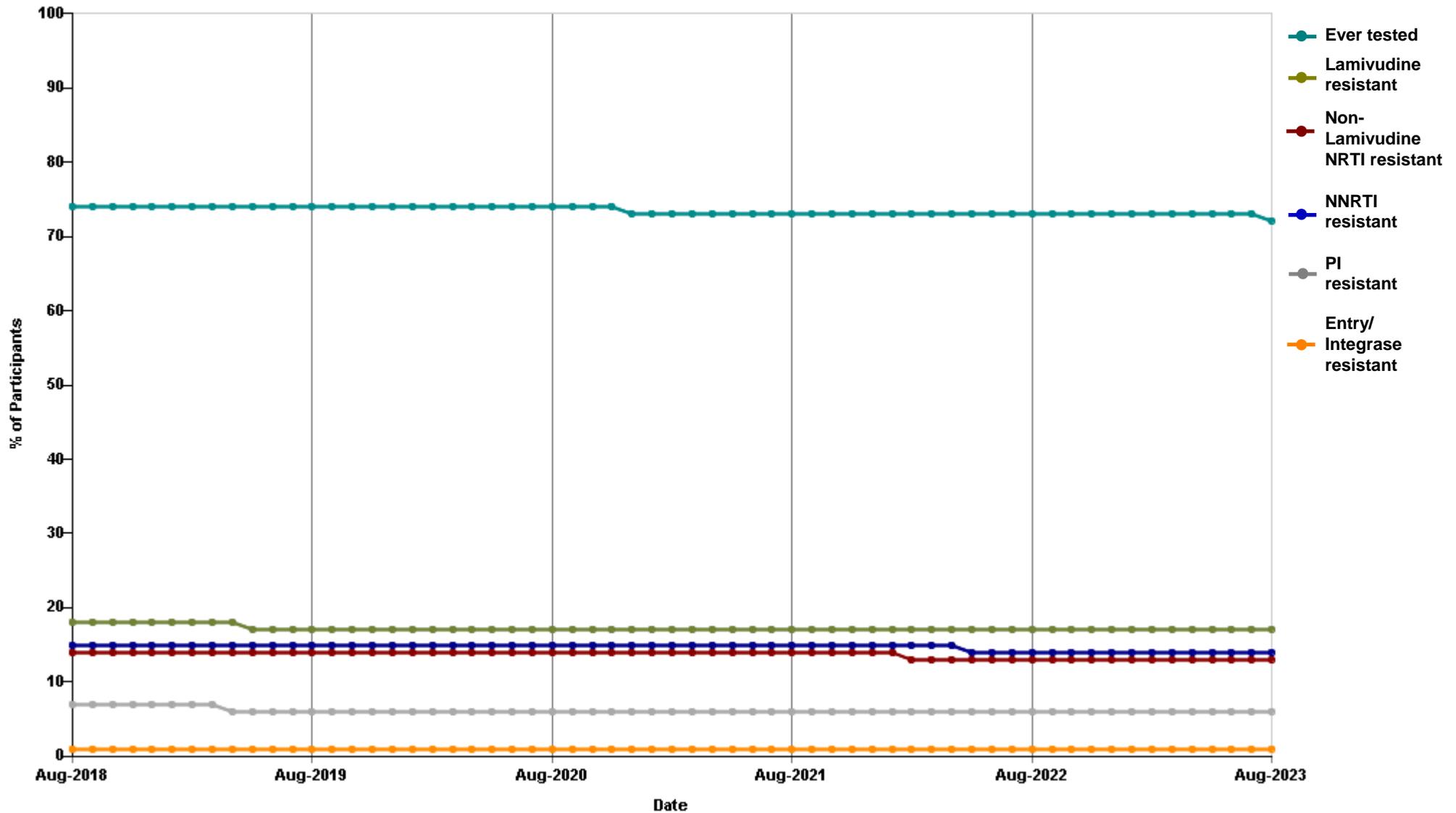


### 1.20 Cumulative Resistance Testing Results by Resistance Category (August 2018 - August 2023)





### 1.21 Percent of Participants ever on ARV - Resistance Testing Results by Resistance Category (August 2018 - August 2023)





**2.1 Duration of ARV treatment in the Province of BC, 1987-2023  
(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	880	4	<40	4
1988	32	3	0	3	1	380	3	<40	4
1989	30	49	1	50	22	510	45	<40	3
1990	28	50	1	51	27	570	49	<40	3
1991	29	37	3	40	17	520	38	<40	3
1992	29	50	4	54	21	610	50	<40	3
1993	28	114	14	128	69	570	122	<40	3
1994	26	66	12	78	44	540	72	<40	3
1995	27	119	18	137	72	535	125	<40	3
1996	25	298	49	347	182	545	320	<40	3
1997	22	255	30	285	156	580	259	<40	3
1998	22	174	40	214	124	580	193	<40	3
1999	22	144	39	183	114	595	165	<40	3
2000	22	114	28	142	76	645	122	<40	3
2001	21	108	24	132	71	620	116	<40	3
2002	20	113	26	139	82	560	131	<40	3
2003	20	133	25	158	99	590	148	<40	3
2004	19	137	37	174	109	650	162	<40	3
2005	18	166	40	206	127	680	187	<40	3
2006	17	163	42	205	117	620	188	<40	3
2007	16	223	41	264	153	630	236	<40	3
2008	15	266	55	321	193	640	283	<40	3
2009	14	293	61	354	201	620	320	<40	3
2010	13	245	69	314	184	660	286	<40	3
2011	12	310	66	376	217	700	331	<40	3
2012	11	252	60	312	182	690	285	<40	3
2013	10	247	63	310	176	700	282	<40	3
2014	9	257	44	301	167	750	280	<40	3
2015	8	257	44	301	167	720	263	<40	3
2016	7	237	50	287	159	680	248	<40	3
2017	6	198	31	229	138	675	208	<40	3
2018	5	176	47	223	132	710	198	<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, 1987-2023  
(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	4	218	38	256	167	700	232	<40	3
2020	3	166	53	219	151	750	191	<40	3
2021	2	181	36	217	132	610	192	<40	3
2022	1	265	49	314	204	675	292	<40	3
2023	0	219	43	262	232	530	254	<40	3
<b>Total:</b>		<b>6307</b>	<b>1283</b>	<b>7590</b>					

**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-2022	7465	756	1878	<40	1317	650
FEB-2022	7386	774	1803	<40	1263	620
MAR-2022	7458	766	1904	<40	1251	620
APR-2022	7420	778	1755	<40	1153	620
MAY-2022	7477	763	1998	<40	1306	620
JUN-2022	7482	759	1839	<40	1201	630
JUL-2022	7495	754	1761	<40	1141	645
AUG-2022	7492	758	1990	<40	1227	620
SEP-2022	7442	772	1787	<40	1092	636
OCT-2022	7468	778	1849	<40	1164	640
NOV-2022	7502	783	1898	<40	1202	630
DEC-2022	7545	787	1607	<40	1005	640
JAN-2023	7583	793	2051	<40	1315	650
FEB-2023	7521	807	1727	<40	1016	630
MAR-2023	7548	803	1974	<40	1210	640
APR-2023	7556	796	1761	<40	1079	630
MAY-2023	7594	786	1933	<40	1220	650
JUN-2023	7604	787	1841	<40	1083	630
JUL-2023	7589	805	1748	<40	1027	620
AUG-2023	7613	802	1814	<40	999	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-2022	786	273	55	<40	45	580
FEB-2022	856	232	73	<40	56	635
MAR-2022	800	285	94	<40	73	480
APR-2022	834	278	70	<40	53	550
MAY-2022	758	317	60	<40	43	490
JUN-2022	761	291	61	<40	43	400
JUL-2022	764	283	61	<50	36	447
AUG-2022	787	261	59	78	49	560
SEP-2022	844	209	71	<40	53	460
OCT-2022	827	216	83	<40	62	495
NOV-2022	813	213	80	50	60	505
DEC-2022	777	236	57	<40	45	560
JAN-2023	737	289	63	<40	45	550
FEB-2023	792	232	66	<40	53	550
MAR-2023	761	244	78	<40	56	512
APR-2023	764	238	66	<40	47	560
MAY-2023	731	245	65	<40	46	430
JUN-2023	711	213	57	<40	38	445
JUL-2023	736	195	67	<40	49	560
AUG-2023	740	196	63	<40	38	595

**Definitions:**

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

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

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





2.4 BC-CfE Enrolment

MON-YYYY	Currently on ARV Therapy	Currently off ARV Therapy	Deceased	First Starts	Experienced Starts	New Inactive	Net Change	Cumulative Patients
JAN-2022	7432	786	19	7	161	144	2	14485
FEB-2022	7371	856	8	9	151	211	-61	14510
MAR-2022	7432	800	16	9	232	160	61	14539
APR-2022	7397	834	11	1	156	178	-35	14559
MAY-2022	7450	758	13	13	205	146	53	14583
JUN-2022	7457	761	11	15	178	170	7	14620
JUL-2022	7469	764	10	13	188	176	12	14659
AUG-2022	7468	787	15	17	169	172	-1	14697
SEP-2022	7423	844	13	15	146	191	-45	14725
OCT-2022	7443	827	14	16	195	171	20	14760
NOV-2022	7480	813	9	17	210	177	37	14799
DEC-2022	7512	777	19	8	213	166	32	14826
JAN-2023	7552	737	20	10	193	143	40	14861
FEB-2023	7505	792	10	11	157	205	-47	14885
MAR-2023	7532	761	15	21	197	176	27	14919
APR-2023	7534	764	13	12	175	166	2	14948
MAY-2023	7577	731	7	15	204	165	43	14992
JUN-2023	7583	711	14	17	166	160	6	15027
JUL-2023	7571	736	11	12	164	175	-12	15059
AUG-2023	7590	740	11	15	211	193	19	15104

**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-2022	499	6468	455	43	<b>7465</b>	6.68%	86.64%	6.10%	0.58%	<b>100.00%</b>
FEB-2022	525	6371	445	45	<b>7386</b>	7.11%	86.26%	6.02%	0.61%	<b>100.00%</b>
MAR-2022	550	6408	455	45	<b>7458</b>	7.37%	85.92%	6.10%	0.60%	<b>100.00%</b>
APR-2022	567	6357	450	46	<b>7420</b>	7.64%	85.67%	6.06%	0.62%	<b>100.00%</b>
MAY-2022	597	6381	452	47	<b>7477</b>	7.98%	85.34%	6.05%	0.63%	<b>100.00%</b>
JUN-2022	614	6376	450	42	<b>7482</b>	8.21%	85.22%	6.01%	0.56%	<b>100.00%</b>
JUL-2022	634	6371	445	45	<b>7495</b>	8.46%	85.00%	5.94%	0.60%	<b>100.00%</b>
AUG-2022	643	6365	441	43	<b>7492</b>	8.58%	84.96%	5.89%	0.57%	<b>100.00%</b>
SEP-2022	663	6295	439	45	<b>7442</b>	8.91%	84.59%	5.90%	0.60%	<b>100.00%</b>
OCT-2022	679	6309	439	41	<b>7468</b>	9.09%	84.48%	5.88%	0.55%	<b>100.00%</b>
NOV-2022	696	6318	446	42	<b>7502</b>	9.28%	84.22%	5.95%	0.56%	<b>100.00%</b>
DEC-2022	709	6345	449	42	<b>7545</b>	9.40%	84.10%	5.95%	0.56%	<b>100.00%</b>
JAN-2023	721	6373	445	44	<b>7583</b>	9.51%	84.04%	5.87%	0.58%	<b>100.00%</b>
FEB-2023	735	6318	429	39	<b>7521</b>	9.77%	84.00%	5.70%	0.52%	<b>100.00%</b>
MAR-2023	750	6312	445	41	<b>7548</b>	9.94%	83.62%	5.90%	0.54%	<b>100.00%</b>
APR-2023	765	6309	441	41	<b>7556</b>	10.12%	83.50%	5.84%	0.54%	<b>100.00%</b>
MAY-2023	801	6317	435	41	<b>7594</b>	10.55%	83.18%	5.73%	0.54%	<b>100.00%</b>
JUN-2023	821	6304	438	41	<b>7604</b>	10.80%	82.90%	5.76%	0.54%	<b>100.00%</b>
JUL-2023	845	6264	440	40	<b>7589</b>	11.13%	82.54%	5.80%	0.53%	<b>100.00%</b>
AUG-2023	866	6252	448	47	<b>7613</b>	11.38%	82.12%	5.88%	0.62%	<b>100.00%</b>

**Definitions:**

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





**2.6 Number of Participants on Nucleoside/Nucleotide Analogues by INGREDIENT**

	lamivudine		abacavir		zidovudine		tenofovir <TAF>		tenofovir <TDF>		emtricitabine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-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%	3229 44%	9 23%	1218 17%	35 90%	4343 59%
AUG-2022	5 14%	2991 41%	4 11%	2261 31%	0 0%	18 0%	29 78%	3271 45%	3 8%	1178 16%	32 86%	4353 59%
SEP-2022	4 14%	2952 40%	3 11%	2195 30%	0 0%	17 0%	19 68%	3284 45%	5 18%	1173 16%	24 86%	4352 60%
OCT-2022	6 17%	2950 40%	4 11%	2173 30%	0 0%	16 0%	29 83%	3350 46%	0 0%	1143 16%	29 83%	4388 60%
NOV-2022	7 18%	2948 40%	5 13%	2158 29%	0 0%	15 0%	26 68%	3387 46%	6 16%	1136 15%	31 82%	4417 60%
DEC-2022	4 15%	2952 40%	3 11%	2149 29%	1 4%	16 0%	18 67%	3446 47%	5 19%	1109 15%	23 85%	4445 60%
JAN-2023	6 17%	2972 40%	1 3%	2148 29%	1 3%	16 0%	23 66%	3491 47%	8 23%	1096 15%	29 83%	4466 60%
FEB-2023	3 13%	2943 40%	1 4%	2097 28%	0 0%	17 0%	18 75%	3502 47%	3 13%	1065 14%	21 88%	4447 60%
MAR-2023	2 6%	2935 40%	2 6%	2071 28%	0 0%	15 0%	27 79%	3551 48%	5 15%	1051 14%	32 94%	4477 60%
APR-2023	3 10%	2949 40%	1 3%	2068 28%	0 0%	15 0%	24 83%	3551 48%	3 10%	1031 14%	26 90%	4471 60%
MAY-2023	10 24%	2941 39%	4 10%	2044 27%	1 2%	16 0%	30 71%	3600 48%	3 7%	1040 14%	32 76%	4515 61%
JUN-2023	4 12%	2935 39%	1 3%	2009 27%	0 0%	14 0%	26 76%	3658 49%	4 12%	1003 13%	30 88%	4537 61%
JUL-2023	5 16%	2922 39%	1 3%	1970 26%	0 0%	14 0%	25 78%	3682 49%	3 9%	988 13%	27 84%	4537 61%
AUG-2023	4 9%	2913 39%	1 2%	1939 26%	0 0%	14 0%	34 76%	3724 50%	9 20%	971 13%	41 91%	4569 61%

**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		tipranavir	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-2022	0 0%	1 0%	0 0%	476 29%	0 0%	1132 68%	0 0%	60 4%	0 0%	1 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%	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%	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%	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%	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%	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%	1 0%
AUG-2022	0 0%	1 0%	0 0%	385 26%	1 100%	1028 71%	0 0%	45 3%	0 0%	1 0%	0 0%	1 0%
SEP-2022	0 0%	0 0%	0 0%	367 26%	2 100%	1010 71%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
OCT-2022	0 0%	0 0%	0 0%	354 25%	0 0%	1002 72%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
NOV-2022	0 0%	0 0%	0 0%	352 25%	6 100%	995 72%	0 0%	43 3%	0 0%	1 0%	0 0%	1 0%
DEC-2022	0 0%	0 0%	0 0%	342 25%	1 100%	1008 72%	0 0%	45 3%	0 0%	1 0%	0 0%	1 0%
JAN-2023	0 0%	0 0%	0 0%	339 25%	1 100%	994 72%	0 0%	44 3%	0 0%	1 0%	0 0%	1 0%
FEB-2023	0 0%	0 0%	0 0%	321 24%	0 0%	954 73%	0 0%	43 3%	0 0%	1 0%	0 0%	1 0%
MAR-2023	0 0%	0 0%	0 0%	317 24%	1 100%	953 73%	0 0%	42 3%	0 0%	1 0%	0 0%	1 0%
APR-2023	0 0%	0 0%	0 0%	305 23%	1 100%	958 74%	0 0%	42 3%	0 0%	1 0%	0 0%	1 0%
MAY-2023	0 0%	0 0%	0 0%	304 24%	2 100%	951 74%	0 0%	40 3%	0 0%	1 0%	0 0%	1 0%
JUN-2023	0 0%	0 0%	0 0%	295 23%	0 0%	936 74%	0 0%	39 3%	0 0%	1 0%	0 0%	1 0%
JUL-2023	0 0%	0 0%	0 0%	284 23%	3 100%	927 74%	0 0%	38 3%	0 0%	1 0%	0 0%	1 0%
AUG-2023	0 0%	0 0%	0 0%	276 22%	3 100%	914 74%	0 0%	37 3%	0 0%	1 0%	0 0%	0 0%

**Definitions:**

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

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

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

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

Ritonavir - greater than 400 mg total daily dose





**2.8 Number of Participants on Non-Nucleosides by INGREDIENT**

	doravirine		efavirenz		etravirine		nevirapine		rilpivirine	
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All
JAN-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%	271 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%	105 10%	0 0%	269 27%	0 0%	196 20%
NOV-2022	1 33%	183 18%	2 67%	261 26%	0 0%	108 11%	0 0%	269 26%	0 0%	197 19%
DEC-2022	0 0%	186 19%	1 25%	254 25%	0 0%	107 11%	1 25%	262 26%	2 50%	195 19%
JAN-2023	3 43%	192 19%	4 57%	247 25%	0 0%	107 11%	0 0%	255 26%	0 0%	191 19%
FEB-2023	0 0%	201 20%	0 0%	250 25%	0 0%	98 10%	0 0%	249 25%	0 0%	190 19%
MAR-2023	0 0%	208 21%	0 0%	242 25%	0 0%	101 10%	0 0%	246 25%	0 0%	186 19%
APR-2023	1 50%	215 22%	1 50%	232 24%	0 0%	96 10%	0 0%	245 25%	0 0%	187 19%
MAY-2023	1 33%	223 23%	0 0%	232 24%	0 0%	98 10%	0 0%	239 24%	2 67%	187 19%
JUN-2023	0 0%	224 23%	3 75%	228 24%	0 0%	96 10%	0 0%	230 24%	1 25%	180 19%
JUL-2023	0 0%	235 25%	2 100%	224 23%	0 0%	94 10%	0 0%	225 24%	0 0%	178 19%
AUG-2023	0 0%	238 25%	2 100%	223 23%	0 0%	92 10%	0 0%	223 23%	0 0%	182 19%

**Definitions:**

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

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

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

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

Doravirine not currently available on BC-CfE Formulary





**2.9 Number of Participants on Entry/Integrase Inhibitors by INGREDIENT**

	bictegravir		cabotegravir		dolutegravir		elvitegravir		fostemsavir		maraviroc		raltegravir															
	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All	Initial	All														
JAN-2022	11	73%	2421	43%	0	0%	0	0%	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%	0	0%	0	0%	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%	0	0%	0	0%	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%	0	0%	0	0%	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%	0	0%	0	0%	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%	0	0%	0	0%	5	15%	2454	42%	0	0%	300	5%	0	0%	0	0%	0	0%	22	0%	0	0%	352	6%
JUL-2022	24	69%	2745	47%	0	0%	0	0%	7	20%	2452	42%	3	9%	297	5%	0	0%	0	0%	0	0%	22	0%	1	3%	342	6%
AUG-2022	26	76%	2790	48%	0	0%	0	0%	6	18%	2452	42%	1	3%	294	5%	0	0%	0	0%	1	3%	22	0%	1	3%	340	6%
SEP-2022	19	76%	2820	48%	0	0%	0	0%	6	24%	2433	42%	0	0%	281	5%	0	0%	0	0%	0	0%	21	0%	0	0%	323	6%
OCT-2022	28	80%	2889	49%	0	0%	0	0%	6	17%	2440	41%	1	3%	280	5%	0	0%	0	0%	0	0%	22	0%	0	0%	314	5%
NOV-2022	24	73%	2920	49%	0	0%	0	0%	8	24%	2462	41%	1	3%	276	5%	0	0%	1	0%	0	0%	22	0%	0	0%	309	5%
DEC-2022	16	70%	2974	50%	0	0%	0	0%	5	22%	2465	41%	1	4%	270	4%	0	0%	1	0%	0	0%	20	0%	1	4%	307	5%
JAN-2023	23	82%	3016	50%	0	0%	0	0%	5	18%	2493	41%	0	0%	269	4%	0	0%	1	0%	0	0%	21	0%	0	0%	302	5%
FEB-2023	18	75%	3040	50%	0	0%	0	0%	6	25%	2476	41%	0	0%	255	4%	0	0%	1	0%	0	0%	21	0%	0	0%	288	5%
MAR-2023	25	74%	3084	51%	0	0%	0	0%	5	15%	2482	41%	2	6%	259	4%	0	0%	1	0%	0	0%	20	0%	2	6%	291	5%
APR-2023	22	81%	3085	50%	0	0%	0	0%	4	15%	2498	41%	1	4%	258	4%	0	0%	1	0%	0	0%	18	0%	0	0%	275	5%
MAY-2023	28	67%	3140	51%	1	2%	3	0%	12	29%	2504	41%	1	2%	250	4%	0	0%	1	0%	0	0%	18	0%	0	0%	279	5%
JUN-2023	26	81%	3199	51%	0	0%	5	0%	6	19%	2510	40%	0	0%	249	4%	0	0%	1	0%	0	0%	18	0%	0	0%	268	4%
JUL-2023	25	83%	3221	52%	0	0%	5	0%	5	17%	2502	40%	0	0%	248	4%	0	0%	1	0%	0	0%	18	0%	0	0%	258	4%
AUG-2023	33	79%	3263	52%	0	0%	7	0%	6	14%	2498	40%	1	2%	246	4%	0	0%	1	0%	0	0%	18	0%	2	5%	257	4%

**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-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	4578	61.08	632	8.43	654	8.73	76	1.01
AUG-2022	828	11.05	691	9.22	4610	61.53	641	8.56	648	8.65	74	0.99
SEP-2022	799	10.74	691	9.29	4575	61.48	662	8.90	641	8.61	74	0.99
OCT-2022	788	10.55	673	9.01	4620	61.86	678	9.08	636	8.52	73	0.98
NOV-2022	770	10.26	682	9.09	4639	61.84	694	9.25	645	8.60	72	0.96
DEC-2022	774	10.26	663	8.79	4681	62.04	706	9.36	650	8.61	71	0.94
JAN-2023	751	9.90	665	8.77	4729	62.36	718	9.47	648	8.55	72	0.95
FEB-2023	716	9.52	664	8.83	4712	62.65	733	9.75	625	8.31	71	0.94
MAR-2023	700	9.27	652	8.64	4735	62.73	748	9.91	643	8.52	70	0.93
APR-2023	705	9.33	653	8.64	4737	62.69	762	10.08	634	8.39	65	0.86
MAY-2023	707	9.31	644	8.48	4754	62.60	799	10.52	626	8.24	64	0.84
JUN-2023	676	8.89	625	8.22	4792	63.02	819	10.77	626	8.23	66	0.87
JUL-2023	662	8.72	628	8.28	4766	62.80	843	11.11	627	8.26	63	0.83
AUG-2023	643	8.45	621	8.16	4784	62.84	864	11.35	633	8.31	68	0.89

**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-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	16	0	0	1	5	9	520
NOV-2022	17	1	2	2	5	6	445
DEC-2022	8	1	1	2	0	1	320
JAN-2023	10	2	2	2	2	2	285
FEB-2023	11	2	2	3	1	3	253
MAR-2023	21	0	0	4	3	11	530
APR-2023	12	1	3	1	1	5	440
MAY-2023	15	2	1	2	5	2	374
JUN-2023	17	2	4	3	2	6	340
JUL-2023	12	1	2	4	2	3	265
AUG-2023	15	2	1	4	2	3	258

**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-2022	12276	3733
FEB-2022	12299	3747
MAR-2022	12327	3762
APR-2022	12356	3787
MAY-2022	12347	3776
JUN-2022	12362	3778
JUL-2022	12388	3787
AUG-2022	12409	3799
SEP-2022	12428	3808
OCT-2022	12454	3828
NOV-2022	12462	3818
DEC-2022	12439	3800
JAN-2023	12447	3802
FEB-2023	12435	3787
MAR-2023	12442	3786
APR-2023	12417	3752
MAY-2023	12425	3730
JUN-2023	12398	3692
JUL-2023	12425	3715
AUG-2023	12422	3697

**Definitions:**

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

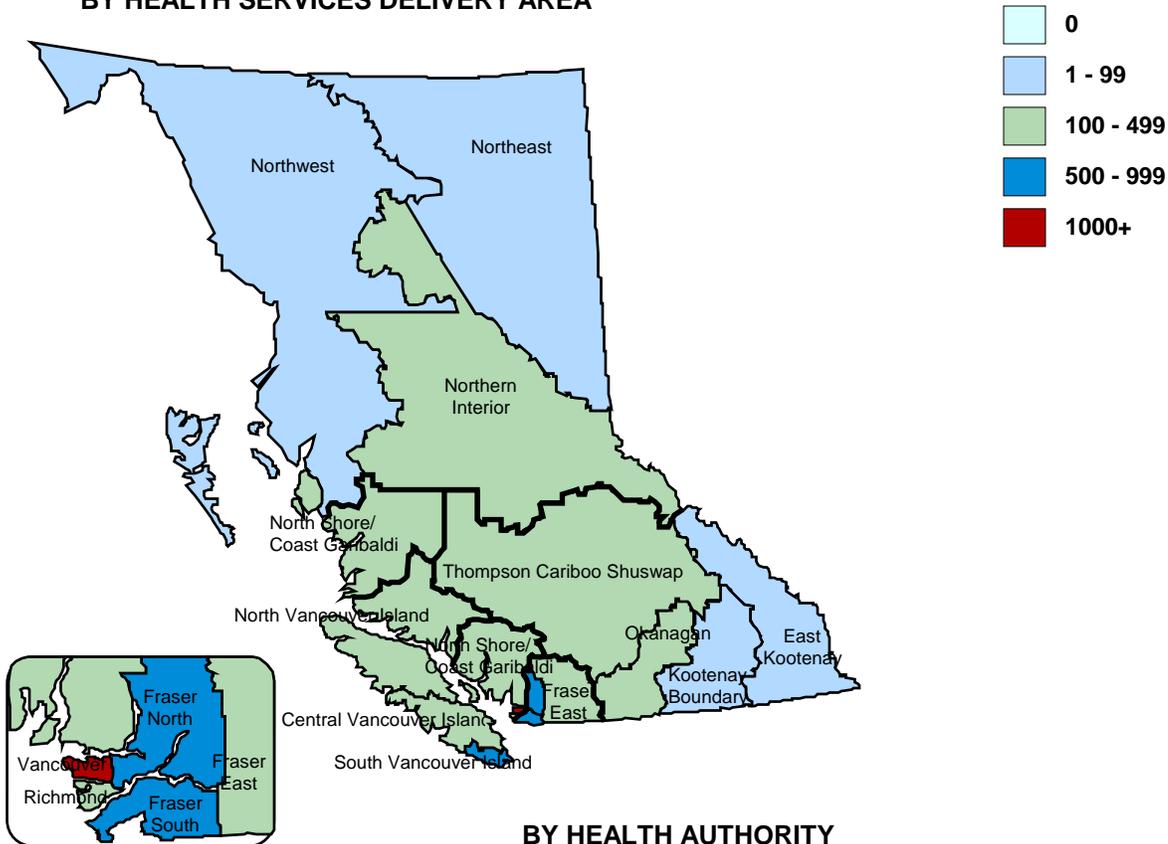
**Never on ART** are subset of patients with PVL test, and not being treated with ARVs on or before specified month



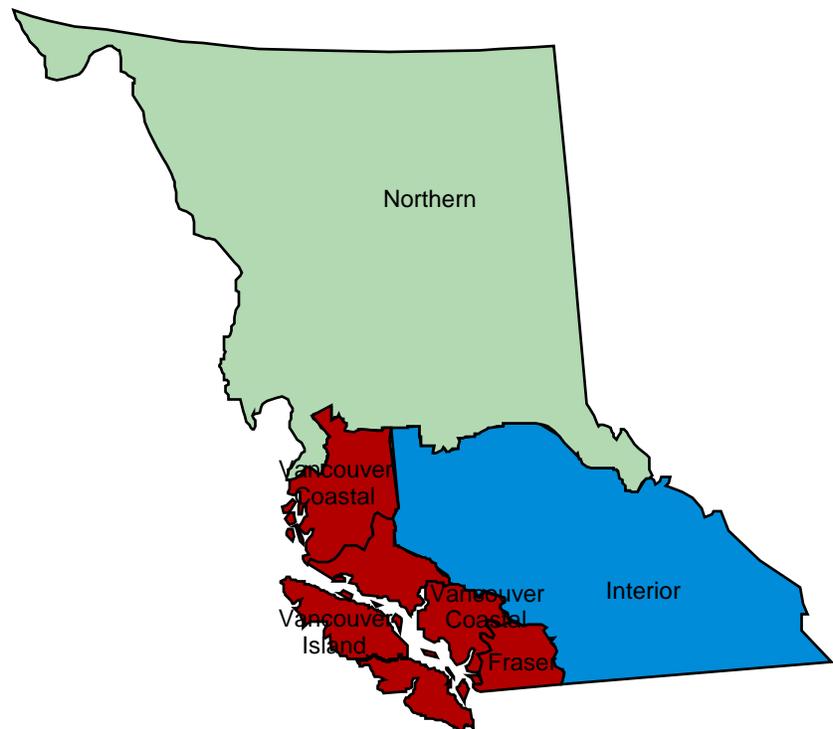


3.1 Distribution of HIV/AIDS Drug Treatment Program Active Participants N = 7613  
Aug-2023

BY HEALTH SERVICES DELIVERY AREA



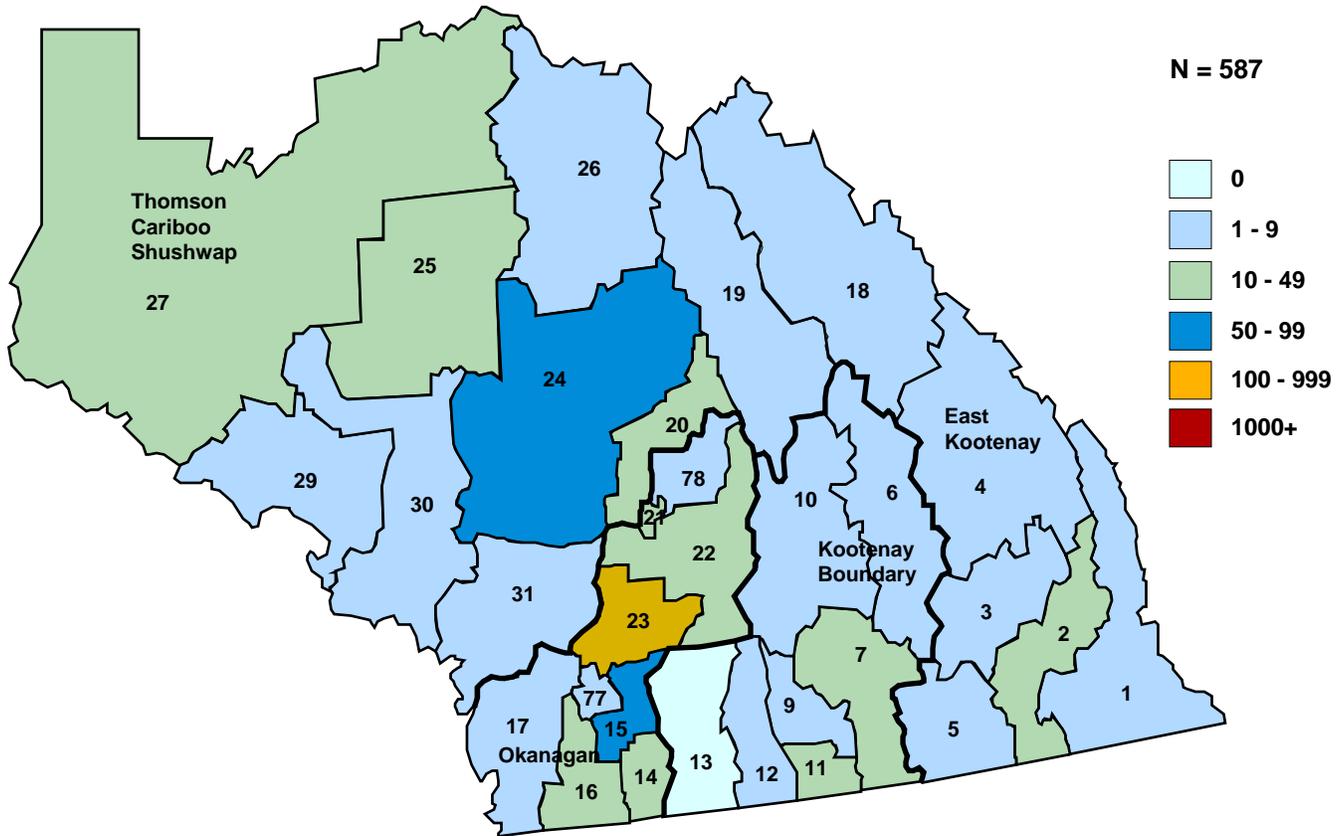
BY HEALTH AUTHORITY



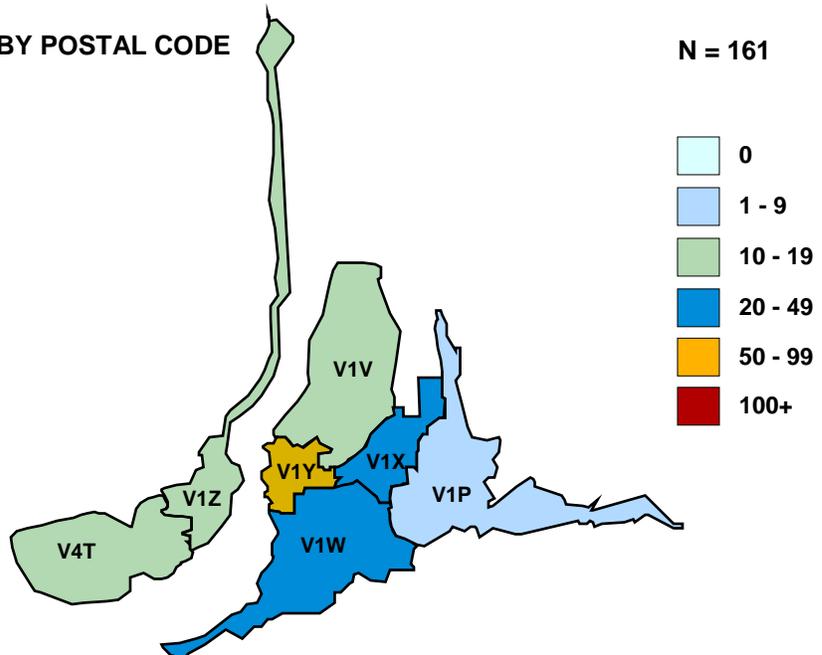


3.2 Distribution of HIV/AIDS Drug Treatment Program Active Participant  
Aug-2023

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



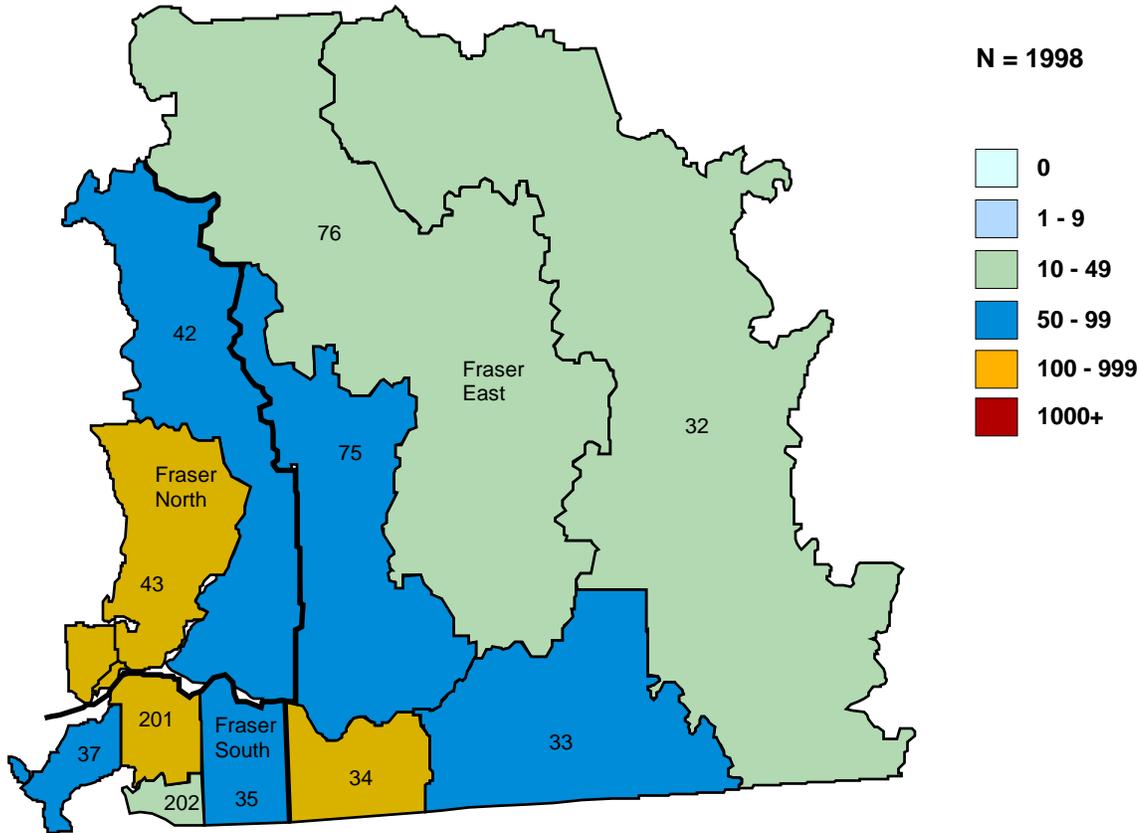
KELOWNA BY POSTAL CODE



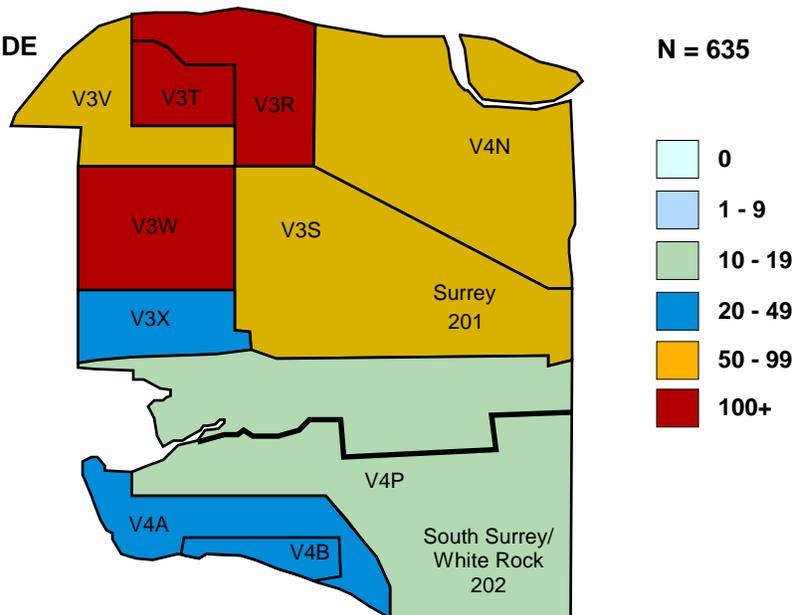


3.3 Distribution of HIV/AIDS Drug Treatment Program Active Participant Aug-2023

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



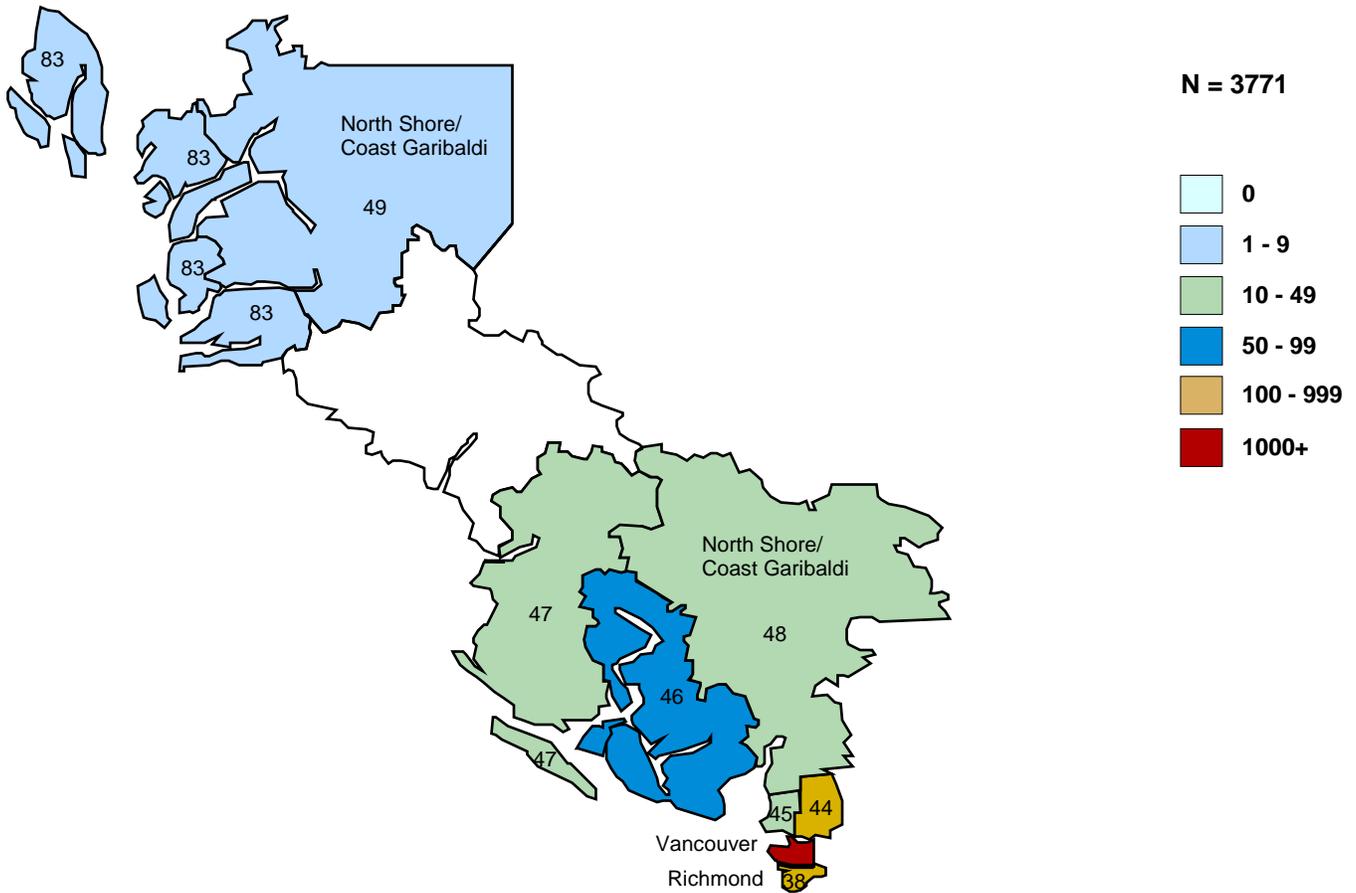
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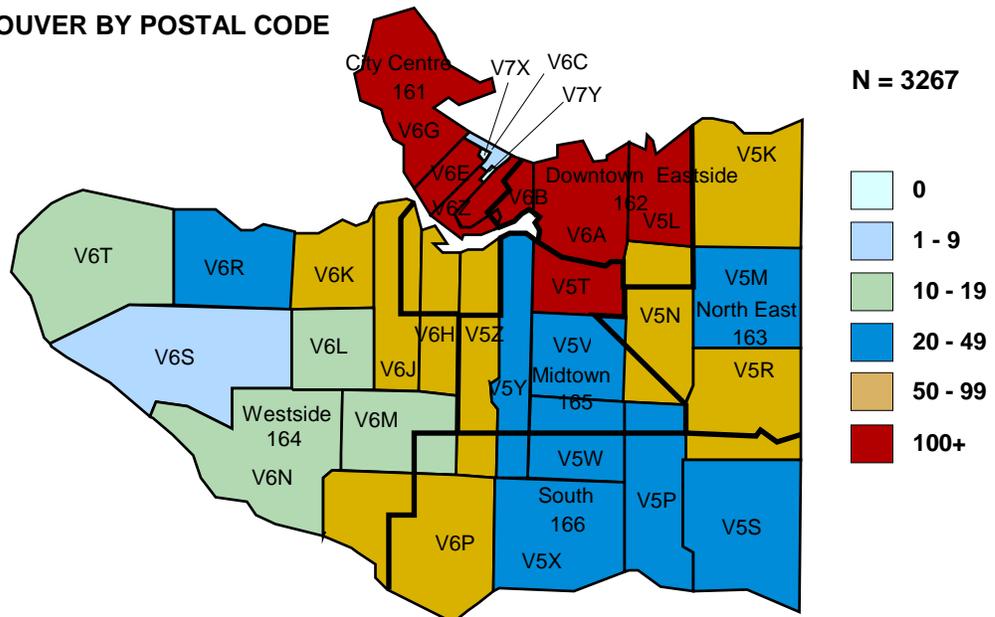


3.4 Distribution of HIV/AIDS Drug Treatment Program Active Participant  
Aug-2023

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



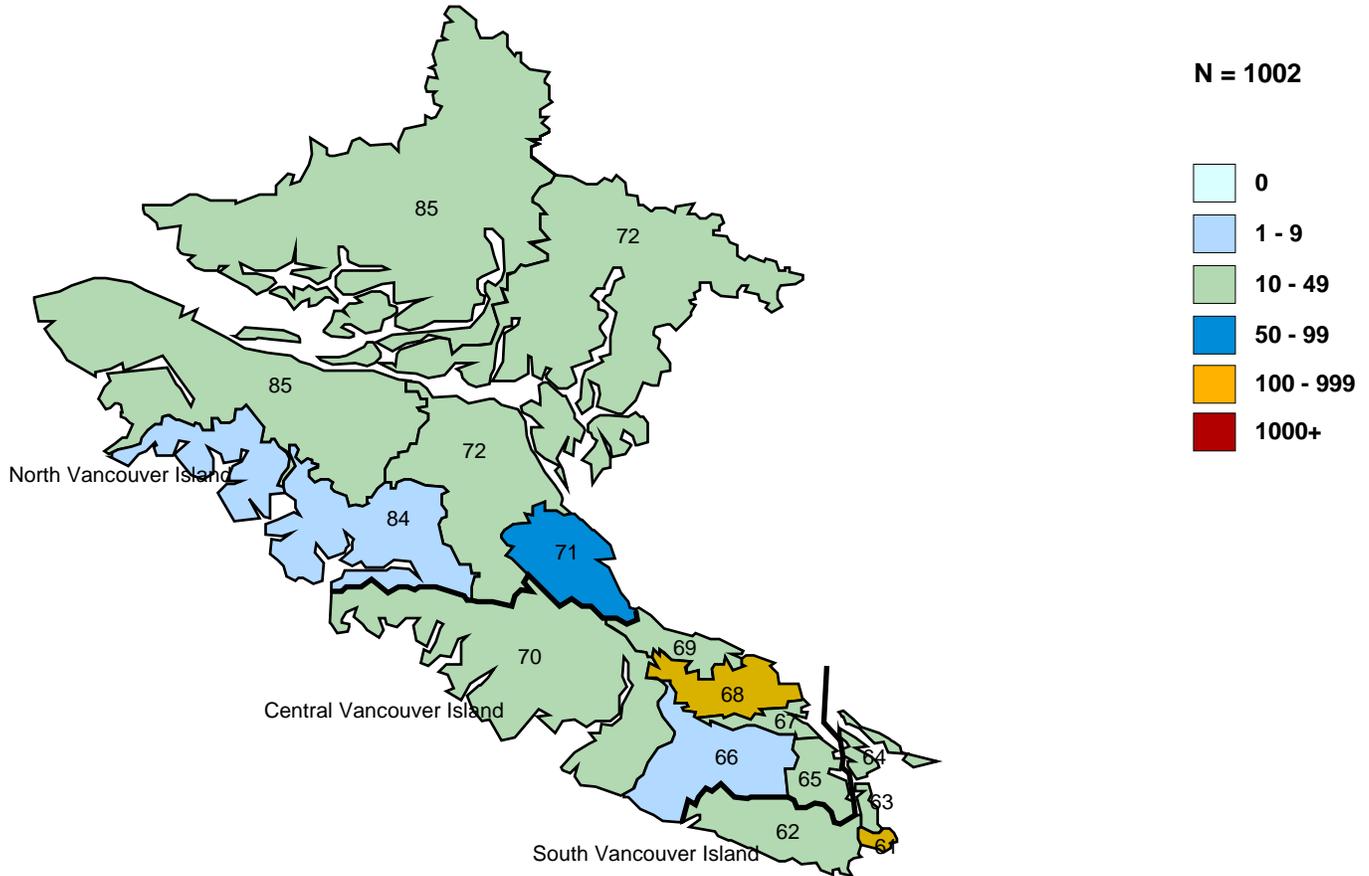
VANCOUVER BY POSTAL CODE



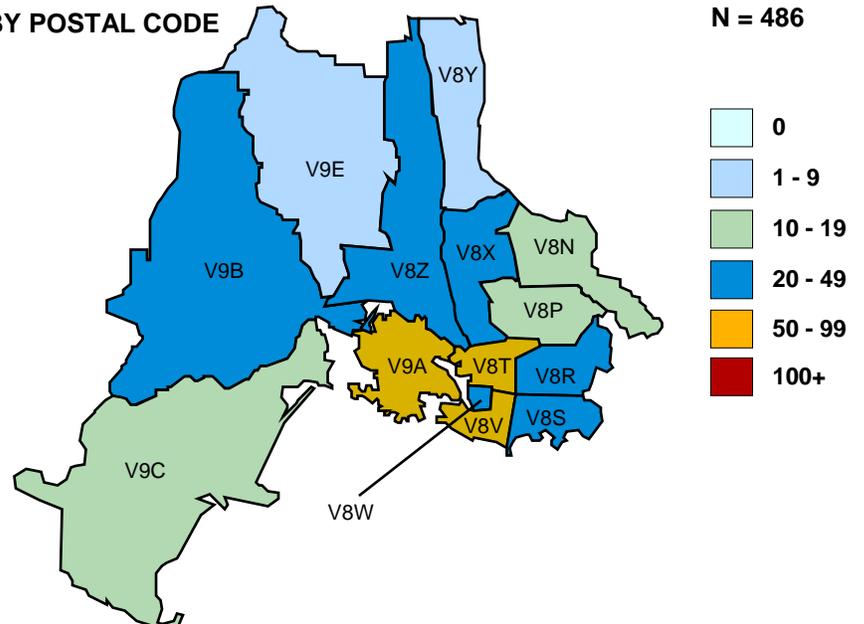


3.5 Distribution of HIV/AIDS Drug Treatment Program Active Participant Aug-2023

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



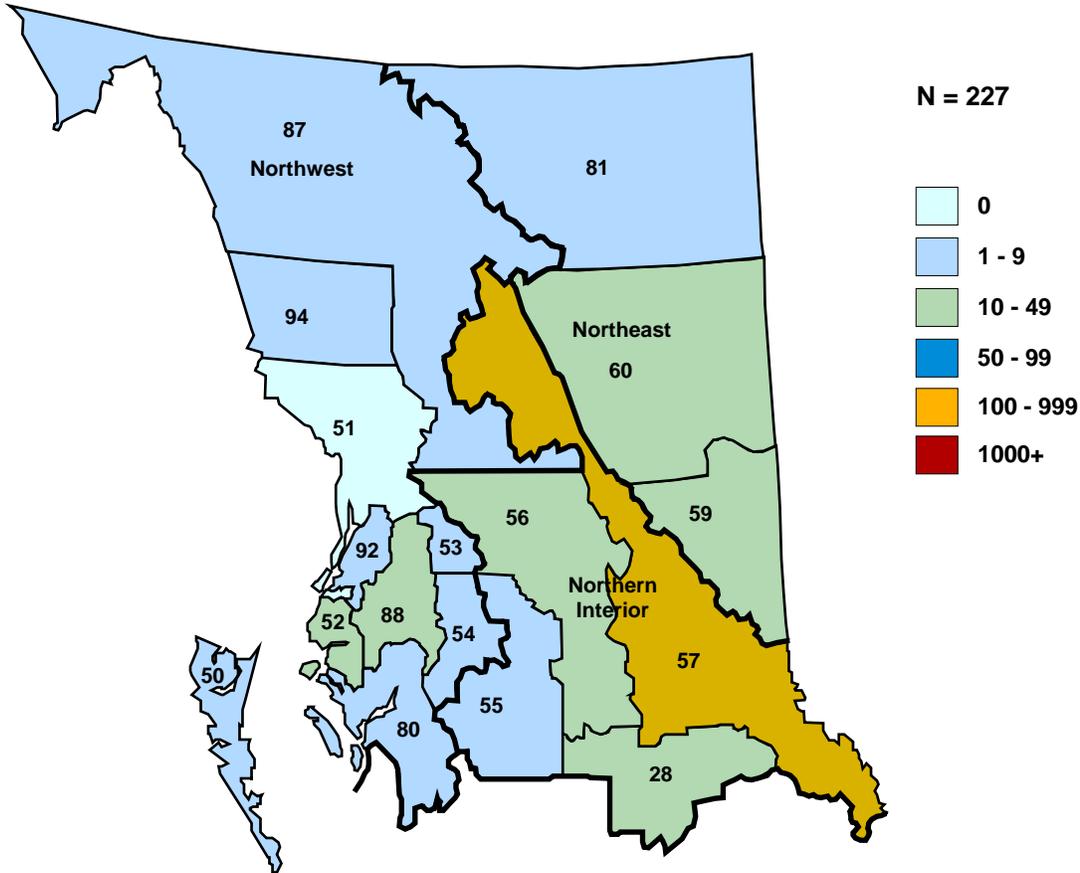
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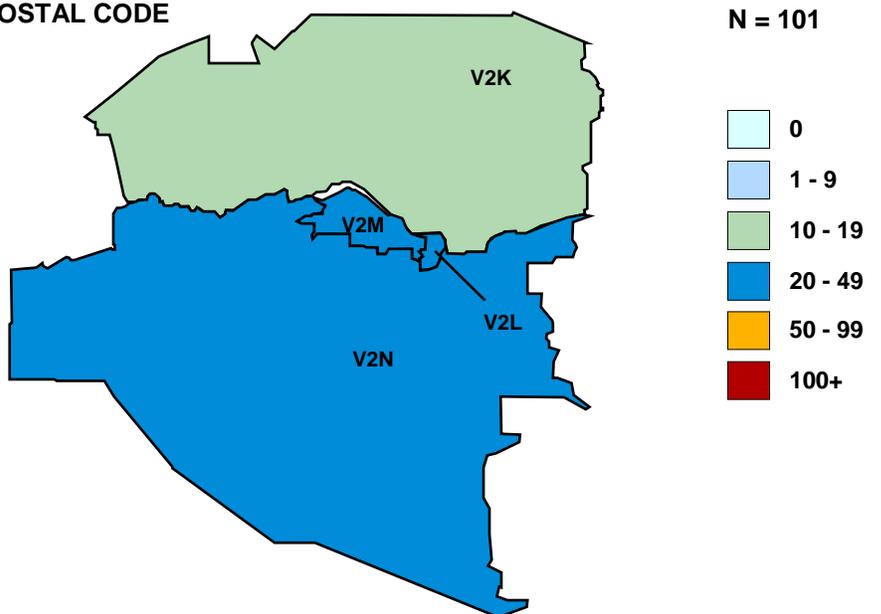


3.6 Distribution of HIV/AIDS Drug Treatment Program Active Participant Aug-2023

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+	*	*	*
	<b>Total HSDA:</b>	<b>45</b>	<b>61</b>	<b>28</b>
KOOTENAY BOUNDARY	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
<b>Total HSDA:</b>	<b>74</b>	<b>102</b>	<b>52</b>	
OKANAGAN	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
<b>Total HSDA:</b>	<b>442</b>	<b>600</b>	<b>331</b>	
THOMPSON/CARIBOO/ SHUSWAP	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
<b>Total HSDA:</b>	<b>237</b>	<b>320</b>	<b>176</b>	
<b>Total HA:</b>		<b>798</b>	<b>1083</b>	<b>587</b>

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
<b>Total HA:</b>		<b>798</b>	<b>1083</b>	<b>587</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	164	222	123
Male	634	861	464

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total HA:</b>	587	56	670	<40

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

**Definitions:**

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

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





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

HSDA	Treatment Duration	Alive	Currently treated with ARVs
EAST KOOTENAY	10 years or more	25	15
	5 years or more	15	8
	<5 years	5	5
	<b>Total HSDA:</b>	<b>45</b>	<b>28</b>
KOOTENAY BOUNDARY	10 years or more	49	32
	5 years or more	13	10
	<5 years	12	10
	<b>Total HSDA:</b>	<b>74</b>	<b>52</b>
OKANAGAN	10 years or more	281	205
	5 years or more	90	66
	<5 years	71	60
	<b>Total HSDA:</b>	<b>442</b>	<b>331</b>
THOMPSON/CARIBOO/ SHUSWAP	10 years or more	144	107
	5 years or more	47	32
	<5 years	46	37
	<b>Total HSDA:</b>	<b>237</b>	<b>176</b>
<b>Total HA:</b>		<b>798</b>	<b>587</b>

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	499	359
5 years or more	165	116
<5 years	134	112
<b>Total HA:</b>	<b>798</b>	<b>587</b>

\* 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	52	71	10	14
KOOTENAY BOUNDARY	78	138	19	42
OKANAGAN	241	1096	53	341
THOMPSON/CARIBOO/SHUSWAP	150	570	33	141
<b>Total:</b>	<b>521</b>	<b>1875</b>	<b>115</b>	<b>538</b>

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
EAST KOOTENAY	12
KOOTENAY BOUNDARY	12
OKANAGAN	71
THOMPSON/CARIBOO/SHUSWAP	49
<b>Total:</b>	<b>144</b>

\* 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	6
	20-34	37	39	30
	35-49	104	106	70
	50+	266	371	197
	<b>Total HSDA:</b>	<b>414</b>	<b>523</b>	<b>303</b>
FRASER NORTH	20-34	138	139	98
	35-49	366	392	277
	50+	645	1028	491
	<b>Total HSDA:</b>	<b>1149</b>	<b>1559</b>	<b>866</b>
FRASER SOUTH	0-19	8	8	7
	20-34	113	115	85
	35-49	307	334	241
	50+	629	963	496
	<b>Total HSDA:</b>	<b>1057</b>	<b>1420</b>	<b>829</b>
<b>Total HA:</b>		<b>2620</b>	<b>3502</b>	<b>1998</b>

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	15	15	13
	20-34	288	293	213
	35-49	777	832	588
	50+	1540	2362	1184
<b>Total HA:</b>		<b>2620</b>	<b>3502</b>	<b>1998</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	631	808	464
Male	1989	2694	1534

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total HA:</b>	1998	53	660	<40

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

**Definitions:**

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

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





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

HSDA	Treatment Duration	Alive	Currently treated with ARVs
FRASER EAST	10 years or more	279	211
	5 years or more	65	38
	<5 years	70	54
	<b>Total HSDA:</b>	<b>414</b>	<b>303</b>
FRASER NORTH	10 years or more	712	517
	5 years or more	243	189
	<5 years	194	160
	<b>Total HSDA:</b>	<b>1149</b>	<b>866</b>
FRASER SOUTH	10 years or more	646	497
	5 years or more	207	159
	<5 years	204	173
	<b>Total HSDA:</b>	<b>1057</b>	<b>829</b>
<b>Total HA:</b>		<b>2620</b>	<b>1998</b>

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	1637	1225
	5 years or more	515	386
	<5 years	468	387
<b>Total HA:</b>		<b>2620</b>	<b>1998</b>

\* 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	150	542	32	63
FRASER NORTH	260	1630	43	226
FRASER SOUTH	228	1821	48	494
<b>Total:</b>	<b>638</b>	<b>3993</b>	<b>123</b>	<b>783</b>

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
FRASER EAST	203
FRASER NORTH	707
FRASER SOUTH	477
<b>Total:</b>	<b>1387</b>

\* 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+	*	*	*
	<b>Total HSDA:</b>		<b>351</b>	<b>524</b>
RICHMOND	20-34	30	31	19
	35-49	58	59	46
	50+	124	181	101
	<b>Total HSDA:</b>	<b>212</b>	<b>271</b>	<b>166</b>
VANCOUVER	0-19	13	13	12
	20-34	448	462	301
	35-49	1237	1378	876
	50+	2995	5360	2140
	<b>Total HSDA:</b>	<b>4693</b>	<b>7213</b>	<b>3329</b>
<b>Total HA:</b>		<b>5256</b>	<b>8008</b>	<b>3771</b>

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	14	14	13
	20-34	507	522	338
	35-49	1366	1515	976
	50+	3369	5957	2444
<b>Total HA:</b>		<b>5256</b>	<b>8008</b>	<b>3771</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	598	972	452
Male	4656	7034	3319
Unknown	2	2	0

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total HA:</b>	3771	56	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	241	191
	5 years or more	54	44
	<5 years	56	41
	<b>Total HSDA:</b>	<b>351</b>	<b>276</b>
RICHMOND	10 years or more	126	96
	5 years or more	36	27
	<5 years	50	43
	<b>Total HSDA:</b>	<b>212</b>	<b>166</b>
VANCOUVER	10 years or more	3289	2263
	5 years or more	780	557
	<5 years	624	509
	<b>Total HSDA:</b>	<b>4693</b>	<b>3329</b>
<b>Total HA:</b>		<b>5256</b>	<b>3771</b>

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	3656	2550
	5 years or more	870	628
	<5 years	730	593
<b>Total HA:</b>		<b>5256</b>	<b>3771</b>

\* 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	415	37	51
RICHMOND	45	318	8	97
VANCOUVER	689	11772	220	5481
<b>Total:</b>	<b>922</b>	<b>12505</b>	<b>265</b>	<b>5629</b>

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH SHORE/COAST GARIBALDI	*
RICHMOND	*
VANCOUVER	*
<b>Total:</b>	<b>72</b>

\* 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+	*	*	*
	<b>Total HSDA:</b>		<b>357</b>	<b>523</b>
NORTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	<b>Total HSDA:</b>		<b>128</b>	<b>181</b>
SOUTH VANCOUVER ISLAND	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	<b>Total HSDA:</b>		<b>813</b>	<b>1167</b>
<b>Total HA:</b>		<b>1298</b>	<b>1871</b>	<b>1002</b>

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	5	5	5
	20-34	111	120	74
	35-49	304	346	238
	50+	878	1400	685
<b>Total HA:</b>		<b>1298</b>	<b>1871</b>	<b>1002</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	218	318	163
Male	1080	1553	839

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total HA:</b>	1002	56	600	<40

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

**Definitions:**

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

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





**4.11 Distribution of Participants in BC-CfE Registries by Treatment Duration VANCOUVER ISLAND Health Authority**

HSDA	Treatment Duration	Alive	Currently treated with ARVs
CENTRAL VANCOUVER ISLAND	10 years or more	224	176
	5 years or more	72	51
	<5 years	61	52
	<b>Total HSDA:</b>	<b>357</b>	<b>279</b>
NORTH VANCOUVER ISLAND	10 years or more	91	77
	5 years or more	24	20
	<5 years	13	12
	<b>Total HSDA:</b>	<b>128</b>	<b>109</b>
SOUTH VANCOUVER ISLAND	10 years or more	506	370
	5 years or more	158	122
	<5 years	149	122
	<b>Total HSDA:</b>	<b>813</b>	<b>614</b>
<b>Total HA:</b>		<b>1298</b>	<b>1002</b>

Treatment Duration	Alive	Currently treated with ARVs
10 years or more	821	623
5 years or more	254	193
<5 years	223	186
<b>Total HA:</b>	<b>1298</b>	<b>1002</b>

\* 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	204	933	68	170
NORTH VANCOUVER ISLAND	160	285	39	70
SOUTH VANCOUVER ISLAND	225	1954	37	591
<b>Total:</b>	<b>589</b>	<b>3172</b>	<b>144</b>	<b>831</b>

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
CENTRAL VANCOUVER ISLAND	109
NORTH VANCOUVER ISLAND	44
SOUTH VANCOUVER ISLAND	124
<b>Total:</b>	<b>277</b>

\* 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	9	9	6
	35-49	16	19	11
	50+	30	39	16
	<b>Total HSDA:</b>	<b>55</b>	<b>67</b>	<b>33</b>
NORTH WEST	20-34	*	5	0
	35-49	*	38	13
	50+	*	78	35
	<b>Total HSDA:</b>	<b>73</b>	<b>121</b>	<b>48</b>
NORTHERN INTERIOR	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
	<b>Total HSDA:</b>	<b>197</b>	<b>297</b>	<b>146</b>
<b>Total HA:</b>		<b>325</b>	<b>485</b>	<b>227</b>

	Age Group	Alive	Ever treated with ARVs	Currently treated with ARVs
	0-19	*	*	*
	20-34	*	*	*
	35-49	*	*	*
	50+	*	*	*
<b>Total HA:</b>		<b>325</b>	<b>485</b>	<b>227</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	115	176	78
Male	210	309	149

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total HA:</b>	227	54	550	<40

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

**Definitions:**

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

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





**4.14 Distribution of Participants in BC-CfE Registries by Treatment Duration  
NORTHERN Health Authority**

HSDA	Treatment Duration	Alive	Currently treated with ARVs
NORTH EAST	10 years or more	31	*
	5 years or more	6	*
	<5 years	18	*
	<b>Total HSDA:</b>	<b>55</b>	<b>33</b>
NORTH WEST	10 years or more	52	31
	5 years or more	11	9
	<5 years	10	8
	<b>Total HSDA:</b>	<b>73</b>	<b>48</b>
NORTHERN INTERIOR	10 years or more	108	84
	5 years or more	55	38
	<5 years	34	24
	<b>Total HSDA:</b>	<b>197</b>	<b>146</b>
<b>Total HA:</b>		<b>325</b>	<b>227</b>

	Treatment Duration	Alive	Currently treated with ARVs
	10 years or more	191	129
	5 years or more	72	50
	<5 years	62	48
<b>Total HA:</b>		<b>325</b>	<b>227</b>

\* 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	41	61	6	8
NORTH WEST	88	183	16	40
NORTHERN INTERIOR	123	507	23	192
<b>Total:</b>	<b>252</b>	<b>751</b>	<b>45</b>	<b>240</b>

HSDA of Patient Residency	# of Patients seeking Prescriber's care out of HA
NORTH EAST	7
NORTH WEST	21
NORTHERN INTERIOR	12
<b>Total:</b>	<b>40</b>

\* 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	*	10	*
	KOOTENAY BOUNDARY	*	9	*
	OKANAGAN	*	51	*
	THOMPSON/CARIBOO/SHUSWAP	*	52	*
	<b>Total HA:</b>	<b>67</b>	<b>122</b>	<b>47</b>
FRASER	FRASER EAST	37	52	27
	FRASER NORTH	52	95	39
	FRASER SOUTH	78	116	51
	<b>Total HA:</b>	<b>167</b>	<b>263</b>	<b>117</b>
VANCOUVER COASTAL	NORTH SHORE/COAST GARIBALDI	25	52	24
	RICHMOND	6	11	5
	VANCOUVER	455	912	374
	<b>Total HA:</b>	<b>486</b>	<b>975</b>	<b>403</b>
VANCOUVER ISLAND	CENTRAL VANCOUVER ISLAND	47	82	38
	NORTH VANCOUVER ISLAND	15	29	12
	SOUTH VANCOUVER ISLAND	49	96	38
	<b>Total HA:</b>	<b>111</b>	<b>207</b>	<b>88</b>
NORTHERN	NORTH EAST	11	15	7
	NORTH WEST	33	69	19
	NORTHERN INTERIOR	71	119	58
	<b>Total HA:</b>	<b>115</b>	<b>203</b>	<b>84</b>
<b>Total:</b>		<b>946</b>	<b>1770</b>	<b>739</b>

Sex at Birth	Alive	Ever treated with ARVs	Currently treated with ARVs
Female	345	633	276
Male	601	1137	463

Currently treated with ARVs	# of patients	Med Age	Med CD4	Med PVL
<b>Total:</b>	739	54	530	<40

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

**Definitions:**

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

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





## 5.1 Drug Names and Definitions

**Abacavir:** a NUCLEOSIDE ANALOG from ViiV Healthcare.

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

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

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

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

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

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

**Bictegravir:** an INTEGRASE INHIBITOR from Gilead Sciences.

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

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

**Cabotegravir:** an INTEGRASE INHIBITOR.

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

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

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

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

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

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

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

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

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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





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**MDRT:** see MULTIPLE DRUG RESCUE THERAPY

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

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

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

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

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

**NNRTI:** see NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR.

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

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

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

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

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

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

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

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

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

**PI:** see PROTEASE INHIBITOR.

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

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

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





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**Raltegravir (Isentress):** an INTEGRASE INHIBITOR from Merck.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

